



# **NAAC**

## **Self-Study Report**

**Volume 1/2**



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## Certificate of Compliance

(Affiliated/Constituent/Autonomous Colleges and Recognized Institutions) —

This is to certify that ~~KAMARAJ COLLEGE OF ENGINEERING~~ **KAMARAJ COLLEGE OF ENGINEERING** (Name of the institution) fulfils all norms

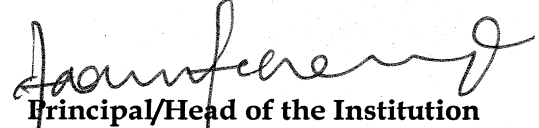
1. Stipulated by the affiliating University and/or
2. Regulatory Council/Body [such as UGC, NCTE, AICTE, MCI, DCI, BCI, etc.] and ✓
3. The affiliation and recognition [if applicable] is valid as on date.

In case the affiliation / recognition is conditional, then a detailed enclosure with regard to compliance of conditions by the institution will be sent.

It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically, once the institution loses its University affiliation or Recognition by the Regulatory Council, as the case may be.

In case the undertaking submitted by the institution is found to be false then the accreditation given by NAAC is liable to be withdrawn. It is also agreeable that the undertaking given to NAAC will be displayed on the college website.

Date: 03/02/2015  
Place: Virudhunagar

  
Principal/Head of the Institution  
(Name and Signature with Office seal)  
PRINCIPAL  
**Kamaraj College of**  
**Engineering and Technology**  
**Virudhunagar.**

## **Executive Summary**

Kamaraj College of Engineering and Technology is the outcome of the cherished desire and dream of the people of Virudhunagar, which is a major business town and home land of Karmaveerar "Bharat Ratna" K. Kamaraj. The College is ideally located on the National Highways 7, at a distance of 35 Km to the South-West of Madurai.

The college is rightly named after the son of this soil, Bharat Ratna Sri. K. Kamaraj who was the undisputed leader of the suppressed and downtrodden and a champion of free education for the masses. A huge statue of him is erected at the entrance of the college, along with two school going children standing beside him, to make the students and the public to remember his indefatigable efforts, to bring school education to millions of the rural poor by introducing free education and the free Midday Meal Scheme during his tenure as chief minister.

“Kamaraj College of Engineering and Technology Managing board” society was formed in the year 1997 and they established this institution in the academic year 1998-1999. It has established itself as one of the most successful and credible professional engineering and technology education body of its kind in the south Tamilnadu.

The Managing Board was formed by the members of Virudhunagar Hindu Nadars Abiviruthi Palasarakku Kadai Mahamai Tharappu, Virudhunagar Hindu Nadars Abiviruthi Panjukadai Mahamai, Virudhunagar Hindu Nadars Arisikadai Mahamai, Virudhunagar Hindu Nadars Navathaniakadai Dharma Fund, Virudhunagar Hindu Nadars Javulikadai Mahamai Tharappu, Virudhunagar Hindu Nadars Abiviruthi Paruthividhai Kadai Mahamai, Virudhunagar Hindu Nadars Uravinmurai Paripalana Sabhai at Madurai, Virudhunagar Hindu Nadars Mahamai Abiviruthi Fund at Tuticorin, Virudhunagar Hindu Nadars Abiviruthi Dharma Fund at Chennai, Virudhunagar Hindu Nadars Mahamai Abiviruthi Fund at Theni, Virudhunagar Hindu Nadars Mahamai at Bombay, Virudhunagar Hindu Nadars Improvement Mahamai Fund at Kumbakonam. They have over 100 years of experience in the field of education and the trust has attracted students from all over the state and has branched out into many institutions. The prominent institutions of these Mahamai Tharapus are Virudhunagar Hindu Nadar Senthikumara Nadar College, Virudhunagar S.Vellaichamy Nadar Polytechnic College, Kshatriya Vidhya Sala, Kshatriya Girls Schools, P.S.Chidhambara Nadar Senior English School, V.V.Vanniaperumal College for women, V.V.V. College of Nursing etc. About 28 thousand students are studying under the mahamai tharapus of Virudhunagar.

The association has 68 members who are elected from the above Mahamai Tharappus, once in four years. The institution is governed by board of Directors and office bearers, the Patron, the President, the Vice-President, the Secretary, the Joint Secretary, the Treasurer, who are elected by the association and they serve for two years.

The office bearers of the present board are Er.A.S.K.A.M.Nagarajan, B.E.(Hons.), M.Sc.(Engg.), M.I.E., Patron, Thiru.T.C.S.P.S.Krishnamoorthy, B.Sc., President, Thiru.A.S.A.A.G.Balamurugan, M.B.A., Vice President, Er.C.Marimuthu, M.Tech., Secretary, Thiru.V.V.R.J.Senkuttuvan,B.Sc., Joint Secretary, Thiru.M.S.P.R.Navarajan, B.A., Treasurer, Thiru.A.C.S.Rathinasamy,Custodian of Documents, Thiru.S.M.S.Natarajan,D.E.E.E., Custodian of movable properties, Thiru. R.Mahesh Kumar,B.A.,Custodian of Immovable properties, Thiru.B.Siva Chidambaram, Developer of Sports & Extra Curricular Activities.

The Patron, Thiru.A.S.K.A.M. Nagarajan has magnanimously donated 50 Lakhs and S.P.G.Chidambara Nadar family has donated 25 acres of Land for the progress of college. Our Institution is growing with sustained progress due to the generous contributions from Virudhunagar Devasthanam, Various Mahamai Tharappus and Educational Institutions. At present the College spans to 45 acres of land.

Dr. K. Sarukesi, Ph.D., Dean Kamaraj College of Engineering and Technology formerly Vice-Chancellor, Hindustan University, Chennai has a distinguished career spanning nearly, 47 years. Graduating with a B.E. Mechanical Engineering from Annamalai University, he obtained his M.Sc.(Engg.) in Production Engineering, from PSG College of Technology, affiliated to Madras University. He earned University 1st rank in his M.Sc., (Engg.) and was awarded a Commonwealth Scholarship by the association of Commonwealth Universities, London for doing Ph. D. in U.K. and he completed his Ph.D. from University of Warwick, U.K. in the year 1982. He has vast teaching experience in various universities in India as well in Abroad. He has been honored and awarded commendation for his work done in the field of Information Technology by the Government of Tamil Nadu. He is very congenial and encourages the faculty members and students to recognize their talents and helps them to develop into good professionals. His suggestions in the academic activities especially in teaching-learning and evaluation processes have been helping the institution to reach top positions amongst the reputed institutions under Anna University.

Dr. Anant Achary, M.Tech., Ph.D., is the Principal of Kamaraj College of Engineering and Technology, Virudhunagar. He is guiding eleven Ph. D., research scholars in the field of Bio-Technology. He has made publications in Peer Reviewed International and National Research Journals and presented papers in National and International conferences. He had received grants for projects from various organizations like DRDO, New Delhi, India – Major Research Projects (Principal Investigator), AICTE, New Delhi – RPS – Grant, AICTE, New Delhi – Seminar Grant and TNSCST, Chennai – Student Project Scheme (Supervisor). He worked as Charg d Research at Biopole Vegetal Amienx, France, associated to University of Technology Compiegne, France. He has established himself as a researcher, an academician and an administrator for which he was awarded The Rashtriya Vidya Saraswathi Puraskar, The Rashtriya Vidya Gaurav Gold Medal Award and Certificate of Excellence in Education in 2013.

The College is a co-educational institution and currently offers the following Courses :

**UG Courses :**

<b>Sl. No.</b>	<b>Courses Offered</b>	<b>Sanctioned Strength</b>
1	B.E. Computer Science and Engineering	120
2	B.E. Electronics and Communication Engineering	120
3	B.E. Electronics and Instrumentation Engineering	60
4	B.Tech. Polymer Technology	60
5	B.Tech. Information Technology	60
6	B.Tech. Biotechnology	60
7	B.E. Electrical and Electronics Engineering	120
8	B.E. Mechanical Engineering	120
9	B.E. Civil Engineering	120
10	B.E. Mechatronics	60
<b>Total</b>		<b>900</b>

**PG Courses :**

<b>Sl. No.</b>	<b>Courses Offered</b>	<b>Sanctioned Strength</b>
1	M.Tech. Polymer Science and Engineering	18
2	M.Tech. Biotechnology	18
3	M.E. Communication and Networking	18
4	M.E. Manufacturing Engineering	18
5	M.E. Power Systems Engineering	18
6	M.E. Structural Engineering	18
7	M.E. Computer Science and Engineering	18
8	M.E. Biometrics and Cyber Security	18
9	M.Sc. Software Systems (5 year integrated)	60
<b>Total</b>		<b>204</b>

**Research Centres :**

Sl. No.	Departments
1	Biotechnology
2	Polymer Technology
3	Electrical and Electronics Engineering
4	Physics
5	Chemistry

The Institution has been planned to be a model Engineering College. It envisages producing highly qualified engineers with devotion to duty and dedication to service. It strives to educate the mind, nurture the spirit, and foster the development of the whole individual. Its dedicated and talented band of faculty members wires the mission and as they continue to look for educational growth for themselves, they bring new and innovative ideas back into the classroom. The thirst for knowledge and love for learning thrives at KCET in both students & teachers.

The college is ranked 33<sup>rd</sup> out of 506 Engineering Colleges based on Nov / Dec 13 results by Anna University, Chennai and ranked 73 among Engineering Institutions in India in the year 2013. [Data Quest Survey- [www.dqindia.ciol.com](http://www.dqindia.ciol.com)] and ranks 19 among Engineering colleges in Tamilnadu. [[chennaikalvi.com](http://chennaikalvi.com) Survey]. The college is one of the first in installing Automatic Restoration Generator Set with capacity of 1075KVA among various Engineering college in Tamilnadu.

**The salient features of the college are:**

- Over **1400 Computer systems connected with powerful network to Xeon server**
- **45Mbps 1:1 internet connectivity** with **wi-Fi** facility all over the campus.
- **EDUSAT** Live telecast of program with special lectures by experts, telecast by **Anna University, Chennai**.
- **National Instruments Lab view Academy school**.
- Green campus with **30kW solar power grid, 30 solar street lights and Solar Water Heaters**.
- Purified drinking water plant by RO plants and **water coolers** inside the campus.
- **Library** with volume of Reference books and **digital section** for e-journals, **NPTTEL- Videos, Edusat Videos** of technical contents.
- **Multipurpose Hall** with a capacity of 1500 students with additional **lift facility**
- 1750 KVA auto start genset.
- Excellent infrastructure for various Games, Sports and Cultural activities.

- Separate hostel for boys and girls with a **Computer Room with Internet facility, 24 x 7, 45 mbps wifi connectivity, Indoor Games, Gymnasium, Solar Water Heater, Shoe Polishing Machine, Tuck-shop, Public Address System, RO Water, Water Cooler, STD Booth, Boys Recreation Hall, LCD TV and Dispensary.**

The college is an associate member of **ICTACT, CII** and it enhances Industry-Institute partnership. It is one of the partner colleges of IT giant INFOSYS. Infosys has extended its support in fine-tuning our students in the area of software development and soft skills.

The Training & Placement cell effectively functions under the guidance of our Secretary and Principal giving ample opportunities to the budding Technocrats. Students are trained by experts from various training organizations. Also, to ensure continuous training for all the students, coaching hour is scheduled in regular time-table for the Placement training. All efforts are taken to reach 100% Placement in the near future.

Our college has received Rs.1,84,06,000 as grants from various organizations listed below for creating research facility in the departments:

- Centre for Fire, Explosive & Environment Safety, Defense Research & Development Organization, Ministry of Defense, Brig. S.K.Mazumdar Road, Timarpur, Delhi – 110 054, for the project titled **Development of degradable polymers having applicability at high altitudes and sub-zero temperature** in 2003 for **Rs. 9,90,600/-**
- DRDO, New Delhi for the project titled **Isolation and Identification of antihepatatic principle from field grown and in vitro plants of Eclipta prostrata italies** in 2003 for **Rs.4,55,000/-**
- Defence Materials & Stores R&D Establishment, DMSRDE Post Office, GT Road, Kanpur-208 013: for the project titled **Development of novel polyimide encapped oligomers as high temperature matrix resins** in 2003 for **Rs. 4,85,600/-**
- DRDO, New Delhi for the project titled **Development of Microbial Consortium for degrading packaging polymers (Polyolefin)** in 2004 for **Rs. 3,00,000/-**.
- Department of Science & Technology, New Delhi, for the project titled **Melt functionalisation of Polyolefins – a FTIR study** in 2005 for **Rs. 10,62,000/-**.
- Indira Gandhi Centre For Atomic Research, Kalpakkam- 603 102, for the project titled **Development of Intmescent Polymers for extinguishing Sodium Fire** in 2007 for **Rs. 9,56,000.**

- DRDE, Gwalior, for the project titled **To Synthesis and Study the antibacterial behaviour of nano-silver particles** in 2007 for **Rs. 9,50,000/-**
- LSRB, DRDO, New Delhi for the project titled **Production process optimization and characterization of sulfated fucoidans from brown algae that has diverse pharmaceutical potential** in 2007 for **Rs. 8,38,000/-**
- TNSCST for the **project titled Nanobiotechnological approaches to synthesis of nano crystalline silica particles from agro waste for health care** in 2008 for **Rs. 2,00,000/-**
- DRDO, New Delhi for the project titled **Development of Novel High Temperature Resistant Matrix Resins for Aerospace application** in 2008 for **Rs. 18,38,000/-**.
- Department of Atomic Energy, Board of Research in Nuclear Science(BRNS) for the project titled **Development of Electron Beam Curable resins for Fibre Reinforce composites** (2010-2013) **Rs. 21,64,000/-**.
- AICTE (RPS) for the project titled **Optimization of medium, Process parameters and purification of Alkaline protease from Novel Bacillus species through design of experiments** in 2010 for **Rs.2,50,000/-**.
- AICTE, MODROBS, New Delhi for the project titled **Modernisation and Upgradation of Bioprocess Laboratory** in 2012 for **Rs.12,00,000/-**
- Defence Research & Development Organization, Delhi – 110 054 for the project titled **Synthesis and Characterizations of super hydrophobic copper and aluminum substrate for optoelectronic applications** in 2012 for **Rs. 50,87,000/-**.
- TNSCST – Student Project Scheme – 2011-2012 for the project titled **Synthesis and Characteri-zations of silver end capped diblock copolymer nano miscelles** in 2012 for **Rs.6,000/-**
- TNSCST – Student Project Scheme – 2011-2012 for the project titled on **Low cost air pollution monitoring system using sensor web**. 29<sup>th</sup> February 2012 for **Rs.6,000/-**
- TNSCST – Our college coordinated State level **TNSCST Student Projects seminar cum exhibition** on 10<sup>th</sup> & 11<sup>th</sup> Aug 2012 and got a grant for **Rs. 1,25,000/-**
- TNSCST, Chennai & NCSTC, New Delhi for the project titled **Programme on bio-technology in india a promising future** 02<sup>nd</sup> November 2012 for **Rs.15,000/-**

- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Study on mechanical properties and fresh state behaviour of self compacting concrete containing waste material fibres** 15<sup>th</sup> May 2013 for **Rs. 10,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Study of interfacial bond behaviour of composite road** on 15<sup>th</sup> May 2013 for **Rs. 10,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Hybrid Solar Vertical Axis helical wind turbine for the production of electricity** on 15<sup>th</sup> May 2013 for **Rs. 10,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **A Novel way of designing & fabrication of mechanical heart pump machine** on 15<sup>th</sup> May 2013 for **Rs. 10,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Synthesis and characterisation of drug bridged novel polymer nano particles for cancer treatment.** on 15<sup>th</sup> May 2013 for **Rs. 10,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Eco-friendly biodegradable films derived from Aloe vera** on 15<sup>th</sup> May 2013 for **Rs. 5,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Cost effective production of biosurfactant using oil industry effluent and its potential in chromium recovery** on 15<sup>th</sup> May 2013 for **Rs. 5,000/-**
- TNSCST – Student Project Scheme – 2012-2013 for the project titled **Extraction purification of phlorotannins from different species of marine algae and evaluation of its antioxidant and anti-cancer potential** on 15<sup>th</sup> May 2013 for **Rs. 10,000/-**
- Department of Atomic Energy, Government of India for the project titled **DAE – Young Scientist Research Award (YSRA)** on 7<sup>th</sup> June 2013 for **Rs. 14,50,000/-**
- Foundation for Advancement of Education & Research (FAER), Bangalore for the project titled **Design and Fabrication of artificial bone for injured person using layered manufacturing technique** 16<sup>th</sup> August 2013 for **Rs. 5,000/-**
- Foundation for Advancement of Education & Research (FAER), Bangalore for the project titled **Adaptive Energy Efficient smart street light solid state lighting system** 16<sup>th</sup> August 2013 for **Rs. 2,800/-**

- Students project **Wireless Patient monitoring system for rural hospitals** won the IDEAS Competition organized by IIT, Jodhpur. It also got selected in Business Incubation at IIT, Jodhpur and was awarded a grant of Rs.10,00,000/- by the Government of Rajasthan for developing the project.

The college has various Associations, Clubs and Circles for mending the students mind towards social service with the commitment for making a better society by their participation in community services in joint hands with voluntary organisations. Kamaraj College of Engineering and technology is marching toward excellence in education with committed Management, competent Faculty Members and staff and enthusiastic students. The dream of Kamaraj, the son of the soil, in enlightening the world with literacy is made real with a focus on the development in the fields of engineering and technology with research.

## Profile of the Affiliated / Constituent College

### 1. Name and Address of the College :

<b>Name :</b>	Kamaraj College of Engineering and Technology	
<b>Address:</b>	S.P.G.Chidambara Nadar – C.Nagammal Campus, S.P.G.C. Nagar, Madurai Road, Post Box No. 12, Virudhunagar.	
<b>City :</b> Virudhunagar	<b>Pin :</b> 626001	<b>State :</b> Tamil Nadu
<b>Website :</b>	<a href="http://www.kcetvnr.org">www.kcetvnr.org</a>	

### 2. For Communication :

Designation	Name	Telephone with STD code	Mobile	Fax	E-mail
<b>Principal</b>	Dr. Anant Achary	<b>O:</b> 04549278791 <b>R:</b> 04522381441	94868 23312	04549 278172	principal@kcetvnr.org
<b>Vice Principal</b>		<b>O:</b> <b>R:</b>			
<b>Steering Committee Co- ordinator</b>	Dr.R.Suresh Babu	<b>O:</b> 04549278791	94895 34819	04549 278172	sureshbabuece@kcetv nr.org

### 3. Status of the Institution:

Affiliated College	✓
Constituent College	---
Any Other (Specify)	---

### 4. Type of Institution :

#### a. By Gender

i	For Men	---
ii	For Women	---
iii	Co-education	✓

b. By Shift

i	Regular	✓
ii	Day	---
iii	Evening	---

5. Is it a recognized minority institution?

NO

6. Sources of Funding :

Government	
Grant-in-aid	
Self-financing	✓
Any other	

7. a. Date of Establishment of the college : 15.07.1998

b. University to which the college is affiliated / or which governs the college.

Anna University, Chennai

c. Details of UGC recognition:

Under Section	Date, Month & Year	Remarks (If any)
i. 2(f)	12.06.2007	-----
ii. 12(B)	-----	Not Applicable

(Enclose the Certificate of recognition u/s 2(f) and 12(B) of the UGC Act)

d. Details of recognition / approval by statutory / regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under Section / clause	Recognition / Approval details Institution / Department Programme	Day, Month and Year	Validity	Remarks
	AICTE – B.E., B.Tech., M.E., M.Tech.,	24.06.2014	1 Year	Extension of approval (2014-2015)

(Enclose the recognition / approval letter)

8. Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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If yes, has the college applied for availing the autonomous status?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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9. Is the college recognized

- a. by UGC as a college with potential for excellence (CPE)?

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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- b. For its performance by any other governmental agency?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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If yes, name of the agency National Board of Accreditation, New Delhi, and

Dates of recognition:

- |   |   |                      |
|---|---|----------------------|
| 1. Polymer Technology                   | - | 19.07.2008 (3 Years) |
| 2. Electrical and Electronic Engg       | - | 10.02.2009 (3 Years) |
| 3. Information Technology               | - | 10.02.2009 (3 Years) |
| 4. Electronics and Communication Engg   | - | 10.02.2009 (3 Years) |
| 5. Computer Science and Engg            | - | 10.02.2009 (3 Years) |
| 6. Electronics and Instrumentation Engg | - | 10.02.2009 (3 Years) |
| 7. Biotechnology                        | - | 10.02.2009 (3 Years) |
| 8. Electrical and Electronics Engg      | - | 18.09.2013 (2 Years) |
| 9. Biotechnology                        | - | 18.09.2013 (2 Years) |
| 10. Polymer Technology                  | - | 06.08.2014 (2 Years) |

10. Location of the campus and area in sq. mts. :

LOCATION*	RURAL
Campus area in Sq. mts.	1,83,367.900
Built up area in Sq. mts.	55,858.95

(\* Urban, Semi Urban, Rural, Tribal, Hilly area, any others specify.)

11. Facilities available on the campus (Tick the available facility and provide numbers or other details at appropriate places) or in case the institute has an arrangement with other agencies in using any of the listed facilities provide information on the facilities covered under the agreement.

■ Auditorium / Seminar complex with infrastructural facilities ✓

■ Sports Facilities

- Play Ground ✓
- Swimming Pool x
- Gymnasium ✓

■ Hostel

○ Boys' Hostel

- i. Number of Hostels - 2
- ii. Number of inmates - 427
- iii. Facilities (mention available facilities)
  - a. Computer Room with Internet facility
  - b. 24 x 7, 45 mbps wifi connectivity
  - c. Indoor Games
  - d. Gymnasium
  - e. Solar Water Heater
  - f. Shoe Polishing Machine
  - g. Tuck-shop
  - h. Public Address System
  - i. RO Water
  - j. Water Cooler
  - k. STD Booth
  - l. Boys Recreation Hall
  - m. LCD TV

○ Girls' Hostel

- i. Number of Hostels – 2
- ii. Number of inmates - 624
- iii. Facilities (mention available facilities)
  - a. Computer Room with Internet facility
  - b. 24x7, 21 mbps wifi connectivity
  - c. Indoor Games
  - d. Gymnasium
  - e. Solar Water Heater
  - f. Tuck-shop
  - g. Public Address System
  - h. Parents Waiting Hall
  - i. STD Booth
  - j. Play Ground (Girls)
  - k. Water Cooler

- l. RO Water
- m. Park with garden
- n. TV Hall
- o. Dispensary

- Working women's hostel - No
  - i. Number of inmates
  - ii. Facilities (mention available facilities)

■ Residential facilities for teaching and non-teaching staff (give numbers available – cadre wise) – Provided in the respective hostels itself

■ Cafeteria – Yes

■ Health centre – Yes  
Health centre staff :

Qualified Doctor	Full Time	✓	Part-time	
Qualified Nurse	Full Time	✓	Part-time	

■ Facilities like banking , Post office, book shops – Yes

- a. ATM
- b. Stationery Shop
- c. XEROX Center
- d. Courier Office
- e. STD Booth
- f. Tamilnad Mercantile Bank Extension Counter
- g. Binding Section

■ Transport facilities to cater to the needs of students and staff – Yes

■ Animal House – Yes

■ Biological waste disposal – Yes

■ Generator or other facility for management / regulation of electricity and voltage – Yes, 1075 KVA

■ Waste water management – Yes

■ Rain Water harvesting – Yes

■ Sewage Treatment Plant – Yes

12. Details of programmes offered by the college (Give data for current academic year)

Sl. No .	Programme Level	Name of the Programme / Course	Duration	Entry Qualification	Medium of instruction	Sanctioned / approved student strength	Number of students admitted
1	Under-Graduate	BE – CSE BE – ECE BE – EIE B.Tech. – PT B.Tech. – IT BE – EEE B.Tech. – BT BE – Mech. BE – Civil B.E - Mechat	4 Years	HSC Or Diploma	English	120 120 60 60 60 120 60 120 120 60	105 113 47 35 48 106 56 107 118 45
2	Post-Graduate	ME – CN ME – ME ME – PSE ME – SE M.Tech. – BT M.Tech. – PT M.E – CSE M.E – BCS	2 Years	B.E. / B.Tech.	English	18 18 18 18 18 18 18 18	11 1 18 18 7 3 17 4
3	Integrated Programmes PG	M.Sc.- SS	5 Years	HSC	English	60	1
4	M.Phil.						
5	Ph. D.	Research Centre – PT(15), BT(12), Chemistry(3), Physics(3) & EEE(9)					
6	Certificate Courses						
7	UG Diploma						
8	PG Diploma						
9	Any other (Specify & Provide details						

13. Does the college offer self-financed programmes?

Yes	✓	No	
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If Yes, how many?	15
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14. New programmes introduced in the college during the last five years if any?

Yes	✓	No		Number	7
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15. List the departments : (respond if applicable only and do not list facilities like Library, Physical Education as departments, unless they are also offering academic degree awarding programmes. Similarly, do not list the departments offering common compulsory subjects for all the programmes like English, regional languages etc.)

Faculty	Departments (eg. Physics, Botany, history etc.)	UG	PG	Research
Science	Physics and Chemistry			✓
Arts				
Commerce				
Any other (Specify)	Computer Science and Engineering	✓	✓	
	Electronics and Communication Engineering	✓	✓	
	Electronics and Instrumentation Engineering	✓		
	Polymer Technology	✓	✓	✓
	Information Technology	✓	✓	
	Biotechnology	✓	✓	✓
	Electrical and Electronics Engineering	✓	✓	✓
	Mechanical Engineering	✓	✓	
	Civil Engineering	✓	✓	
	Mechatronics	✓		
	Software Systems		✓	

16. Number of programmes offered under (Program means a degree course like BA, BSc, MA, M.Com . . .)

a	Annual system	
b	Semester System	19
c	Trimester System	

17. Number of programmes with

a	Choice Based Credit System	✓
b	Inter / Multidiciplinary Approach	
c	Any other (specify and provide details)	

18. Does the college offer UG and /or PG programmes in Teacher Education?

Yes		No	✓
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19. Does the college offer UG or PG programme in Physical Education?

Yes		No	✓
-----	--	----	---

20. Number of teaching and non-teaching positions in the institution :

Positions	Teaching Faculty						Non-teaching Staff		Technical Staff	
	Professor		Associate Professor		Assistant Professor					
	M	F	M	F	M	F	M	F	M	F
Sanctioned by the UGC / University / State Government Recruited										
Yet to Recruit										
Sanctioned by the Management / Society or other authorized bodies Recruited	10	11	17	12	75	114	73	31	42	14
Yet to Recruit										

21. Qualifications of the Teaching Staff:

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc., / D.Litt							
Ph. D.,	10	11	11	8	----	----	40
M.Phil.	----	----	1	1	8	23	33
PG	----	----	5	3	67	91	166
<b>Total</b>	10	11	17	12	75	114	239

<b>Temporary Teachers - Nil</b>							
<b>Highest Qualification</b>	<b>Professor</b>		<b>Associate Professor</b>		<b>Assistant Professor</b>		<b>Total</b>
	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	
Ph. D.,							
M.Phil.							
PG							
Part-time Teachers							
Ph. D.,							
M.Phil.							
PG							

22. Number of Visiting Faculty / Guest Faculty engaged with the College

Nil

23. Furnish the number of students admitted to the college during the last four academic areas.

<b>Categories</b>	<b>Year 1 2013-14</b>		<b>Year 2 2012-13</b>		<b>Year 3 2011-12</b>		<b>Year 4 2010-11</b>	
	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>	<b>Male</b>	<b>Female</b>
SC	38	28	35	42	44	28	40	31
ST	0	0	0	0	1	0	1	0
OBC	227	281	260	256	244	229	242	209
General	14	15	15	16	16	8	15	5
Others	59	74	56	80	58	70	64	48

24. Details on students enrollment : (2013-14)

<b>Type of Students</b>	<b>UG</b>	<b>PG</b>	<b>M.Phil.</b>	<b>Ph. D.,</b>	<b>Total</b>
Students from the same state where the college is located	2843	132			
Students from other States of India	5	3			
NRI Students	1	0			
Foreign Students	0	0			
<b>Total</b>	<b>2849</b>	<b>135</b>			

25. Dropout rate in UG and PG (average of the last two batches)

<b>UG</b>	2.4%	<b>PG</b>	1.9%
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26. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) Including the salary component	Rs. 34,942/-
(b) excluding the salary component	Rs. 29,015/-

27. Does the college offer any programme(s) in distance education mode (DEP)?

es	No	✓
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28. Provide Teacher-Student ratio for each of the programme / course offered. – 1:15

29. Is the college applying for

Accreditation :	Cycle 1	✓	Cycle 2		Cycle 3		Cycle 4	
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Re-Assessment	
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30. Date of accreditation\* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1. ....(dd/mm/yyyy) Accreditation Outcome / Result .....

Cycle 2. ....(dd/mm/yyyy) Accreditation Outcome / Result .....

Cycle 3. ....(dd/mm/yyyy) Accreditation Outcome / Result .....

\* Kindly enclose copy of accreditation certificate (s) and peer team reports as an annexure.

31. Number of working days during the last academic year.

<b>UG</b>	180
<b>PG</b>	180

32. Number of teaching days during the last academic year

(Teaching days means days on which lectures were engaged excluding the examination days)

167
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33. Date of establishment of Internal Quality Assurance Cell (IQAC)

IQAC has been formed

34. Details regarding submission of Annual Quality Assurance Reports (AQAR) to NAAC

AQAR (i) ..... (dd/mm/yyyy)

AQAR (ii) ..... (dd/mm/yyyy)

AQAR (iii) ..... (dd/mm/yyyy)

AQAR (iv) ..... (dd/mm/yyyy)

35. Any other relevant data (not covered above) the college would like to include. (Do not include explanatory / descriptive information)

## CRITERION I: CURRICULAR ASPECTS

### **1.1 Curriculum Planning and Implementation**

#### **1.1.1 State the vision, mission and objectives of the institution, and describe how these are communicated to the students, teachers, staff and other stakeholders.**

##### **VISION:**

To make this Institution, the unique of its kind in the field of Research and Development activities in this part of the world.

##### **MISSION:**

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through “Total Quality Education”.

##### **The goals and objectives of the college are as follows:**

- To impart Quality Technical Education imbued with proficiency, human values and continuous improvement.
- To deliver the curriculum prescribed by the University effectively and ascertain that the graduating students get in-depth knowledge in the subjects.
- To emerge as a globally recognized centre of excellence in the fields of engineering and technology by research.
- To conduct various value-added courses to provide need-based skills in terms of the fast changing industry requirement and employment scenarios at the national and international levels.
- To motivate the students to actively participate in co-curricular and extracurricular activities.
- To promote signing of MOUs with number of industries for better institute-industry interaction, student's placements, projects, in-plant training and technology transfer on current topics.
- To promote R & D activities and kindle the research and creative thinking of the students and to encourage their innovative ideas and projects.
- To provide a conducive learning environment to the student community.
- To inculcate discipline in the minds of the student for the upliftment of the society.

Communication of the vision, mission and objectives to the students, teachers, staff and other stakeholders are through:

- College website
- College prospectus, Calendar, College magazine, Information Brochures
- Displaying notices on the notice board and making announcements in the class rooms and in different meeting forums.
- Departments have displayed the vision and mission statements in their respective Department offices and the office of the HODs.
- Participation in Education Fairs at various places.
- College programs and Posters within the campus
- Advertisements in Televisions and Radio

**1.1.2 How does the institution develop and deploy action plans for effective implementation of the curriculum? Give details of the process and substantiate through specific example(s).**

The curriculum is designed as specified by Anna University.

**Development of Action Plans**

- Great care is taken in the department, in subject allocation to the faculty members, based on their competency level and subject preference.
- The subject allocation is done well in advance before the semester which provides sufficient time for faculty members to prepare for the subject

**Deploying action plans**

- The effective implementation of the curriculum is ensured through the appointment of well qualified and experienced faculty members. Guest lectures and industrial visits are also organized to improve the effectiveness of implementation of the curriculum.

(For example: Every year, the students of IV year B.E. Civil Engineering are taken to the Prestressed Concrete Industry(M/s.Rayalseema Pvt. Ltd.) involved in Railway Sleeper's manufacturing at Thirumangalam, which is related to the subject Prestressed concrete structures.)

- Academic planning is meticulously done and communicated through academic calendar.
- Lesson plans are prepared for each subject that is offered during the semester showing period-wise topics to be taught, along with detailed lecture notes.
- Weekly report is available in the log book, it is prepared at the end of every week; showing the actual number of lectures engaged by every faculty member in the week and monitored by The Heads of the Department and The Principal.
- Library has digital section to access e-journals, e-books and video lectures (EDUSAT" Program with special Lectures by Experts, telecast by AU, Chennai, Lecture Videos from NPTEL, delivered by IIT & IISc Professors). The e-journals , e-books and NPTEL videos can also be accessed through intranet.
- All the departments have well equipped laboratories and well ventilated spacious class rooms.
- Automatic Instant Power Restoration facility to facilitate uninterrupted continuous power supply for effective conduct of lab experiments.
- Spoken Tutorial – developed by IIT, Bombay is arranged in the College.

For example

S.No .	Name of the Professional Societies / chapter	Date	Name of the Event	Resource Person/Jury	Venue
1	EEE Association	17-02-2014	Hands On Training in SCILAB software	IIT Bombay, spoken tutorial online team	Digital Library

**1.1.3 What type of support (procedural and practical) do the teachers receive (from the University and/or institution) for effectively translating the curriculum and improving teaching practices?**

- The university organizes FDP programmes through Centre for Faculty Development for specific subjects of the different courses. It also provides live lectures of professors for specific subjects through the EDUSAT programme.
- Our college is confirmed as 2 star rated resource centre by IIT, Bombay for promoting Spoken Tutorials.
- Our institution has been recognized as Nodal Centre for Quality Improvement Cell by Centre for Faculty Development Anna University, Chennai to cater to the needs of 19 colleges in the nearby area to impart quality education through spoken tutorials for various software developed by Spoken Tutorial Project – IIT, Bombay, an initiative of National Mission on Education through ICT, MHRD, Government of India.
- The college sponsors its faculty members to attend the following:
  - Faculty Development Programmes (FDP), seminars, workshops, guest lectures, special training in teaching methodologies, and conferences.
  - The college also organizes FDP with sponsorship from Anna University and other funding Agencies like AICTE, CSIR, DRDO, TNSCST, ICTACT etc, for various subjects to benefit both internal and external faculty members.
  - For example

S.No	Name of the Programme /Topic	Sponsored by	conducted by	Duration	
				From	To
1	FDP on Graphical programming using Lab VIEW	National Instruments, Bangalore	EIE	10.01.11	11.01.11
2	FDP on Automation Engineering	ICT academy of TamilNadu	EIE	21.09.11	23.09.11
3	One Week Faculty Development Programme on Transmission & Distribution	Centre for Faculty Development, Anna University, Chennai	EEE	17.05.12	24.05.12
4	FDP on Finite element analysis	Anna University Chennai	Mechanical Engineering	3.12.12	9.12.12
5	FDP on design of transmission lines	Anna University Chennai	Mechanical Engineering	10.12.13	17.12.13

- The institution organizes orientation programmes for newly recruited teachers.
- ICT enabled teaching resources like NPTEL videos, YouTube videos and EDUSAT Live lecture are utilized effectively for the presentation of study materials.
- All the faculty members are encouraged to deliver content beyond syllabus in both theory and laboratory courses, which are added advantages for the students.

For Example, Department of ECE conducts the following additional experiments as content beyond syllabus:

S.No	Sub code	Subject name	Extra experiment
<b>Semester 3</b>			
1	EC 37	Digital Electronics Lab	1.Parity Checker and generator using VHDL/Verilog
2	EC 38	Electronic Circuits - I Lab	1.Series voltage Regulator 2.Voltage Doubler
3	EC 39	Data structures and Object Oriented Programming Lab	1.Polynomial using Linked list 2. Circular Queue
<b>Semester 4</b>			
1	EC 47	Electronics circuits II and simulation lab	1.Differential Amplifier using P-Spice 2.Voltage Squarer using P-Spice
2	EC 48	Linear Integrated Circuit Lab	1. Voltage Follower
3	EC 49	Electrical Engineering and Control System Lab	1. Frequency response of compensator network
<b>Semester 5</b>			
1	EC56	Digital Signal Processing Lab	1. Sampling in Frequency domain 2. Circular convolution
2	EC57	Communication System Lab	1.Simulation of ASK, FSK,PSK&QPSK modulation and Demodulation,BER Vs SNR
3	EC58	Microprocessors and Microcontrollers Lab	1. BIOS/DOS calls using MASM assembler
<b>Semester 6</b>			
1	EC66	Computer Networks Lab	1. Encryption and Decryption using programming
2	EC67	VLSI Design Lab	1.CMOS inverter using Microwind software
<b>Semester 7</b>			
1	EC76	Electronics System Design Lab	1.IIR filter design using TMS320C5416 processor
2	EC77	Optical & Microwave Lab	1. Optical transmission using analog link 2. Measurement of Coupling factor and Directivity of Directional coupler

**1.1.4 Specify the initiatives taken up or contribution made by the institution for effective curriculum delivery and transaction on the Curriculum provided by the affiliating University or other Statutory agency.**

- Academic planning is done in advance and communicated through academic calendar.
- Well-structured time table, periodically updated course plan are prepared for effective curriculum delivery.

- Course file is prepared for every subject, which contains the Lecture notes, OHP Material, Power Point Material, supported with material from web, NPTEL Material, university question, question bank.
- Models and Charts are being provided for effective curriculum delivery.
- The attendance is monitored through the Anna university web portal entry system and through the institutional monitoring process (Attendance is taken during the first hour and SMS is sent to the parents of the students absent in the class without prior intimation to the tutors/chairpersons).

#### **1.1.5 How does the institution network and interact with beneficiaries such as industry, research bodies and the university in effective operationalisation of the curriculum?**

The Industry Institute Interaction cell of our college communicates with various industries and creates a platform for interaction between Institute and Industry. This enables students to do project in industry, visit industry for in plant training, consultancy work for faculty members and to arrange guest lectures by industry experts.

The college apart from sponsoring in-house projects (Effluent Treatment Plant, Solar Plant) also actively encourages its faculty to apply/obtain funded projects from various bodies such as AICTE, DRDO, DST, TNSCST, Dept. of Atomic Energy, etc (Details provided in Criteria III). This facilitates a constant interaction between research bodies and the college. The students are given an exposure to explore the syllabus in terms of research applications, patents, etc., The faculty members organize guest lectures through the professional bodies like ISTE, Computer Society of India(CSI), IEEE, ACCE (Association of Consulting Civil Engineers), Institution of Engineers, SAE, IPI, PSI, BRSI, IETE, etc.

MoUs are signed with industries and universities to enable effective dissemination of knowledge. The institution has signed MoU with institutions and industries like Global polybags, PSI, Bhargavi, Monarch, NI, Bangalore, Crane Software, NAL etc.

For example National Instruments, Bangalore, is offering training programmes every year to students and faculty members as a part of the MoU. S.Harie Shankar, of EIE(2008-12 Batch) was selected under the Internship programme with stipend and completed the project in National Instruments, Bangalore from 20th January 2012 to May 2012.

Five of the departments in the college are recognized as Centres of Research (Details given in Criteria III) for collaborative research under Anna University. This provides a research atmosphere to the students at the undergraduate and postgraduate levels.

**1.1.6 What are the contributions of the institution and/or its staff members to the development of the curriculum by the University?(number of staff members/departments represented on the Board of Studies, student feedback, teacher feedback, stakeholder feedback provided, specific suggestions etc.**

The university appoints faculty members as members of Board of Studies/Syllabus committee/Syllabus revision committee etc periodically. The list is as follows:

Sl. No.	Name of the Faculty with designation	Contributions	Period
1	Dr.Anant Achary Principal	1. Member, Syllabus Committee of Anna University for Polymer Technology, 2. Member, Board of Studies-Biotechnology, Anna University	2012-14
2	Dr.C.T.Vijay Kumar, Professor, Polymer Technology	Member, Board of Studies – Polymer Technology, Anna University, Chennai	2012-13
3	Dr.A.Asha Professor & Head, Dept of Mech Engg	Member of the Board of Studies in the erstwhile Anna University of Technology, Tiruchirappalli	2010-11
4	Dr. R.Lakshmi, Professor & Head, Dept of Civil Engg	Member of the Board of Studies, Anna University, Chennai.	2012-15

The appointed members consult their colleagues, alumni, industry expert and academic expert and suggest revision in the curriculum in the Board of Studies meeting, Syllabus committee.

**1.1.7 Does the institution develop curriculum for any of the courses offered (other than those under the purview of the affiliating university)by it? If ‘yes’, give details on the process (‘Needs Assessment’, design, development and planning) and the courses for which the curriculum has been developed.**

Yes, A number of value added programmes & content beyond syllabus modules are designed, formulated and conducted. These programmes and modules are developed to bridge the gap in the curriculum and are integrated in the course plans.

**1.1.8 How does institution analyze/ensure that the stated objectives of curriculum are achieved in the course of implementation?**

The college conducts three Cycle tests and slip tests to evaluate the performance of the students related to the curriculum. Students who require extra attention are identified and taken care of separately. Further, student feedback is obtained orally during the class committee meetings held periodically.

The Heads of the departments review the syllabus completion through lecture schedule & student performance through Tutor record.

Viva-Voce is conducted for the students at the end of each practical class to ensure that the desired outcome is obtained.

The college adopts student counseling method, where about 20 students of each class are monitored by one faculty member (tutor), who will be responsible to give information about their attendance, marks to their parents on a periodical basis and also counsel them as and when required.

Students are motivated and permitted for making technical presentations in conferences, symposiums, and workshops etc. to update the technological information in their respective field. Students are also encouraged to prepare working model of projects with innovative applications.

Innovators club conducts Innovators Day and my idea Day to evaluate the dexterity related to creativity and innovations through project presentations. It also kindles the scientific temper among the students about the innovations in science, Engineering and Technology.

End Semester projects are allotted for final year students to work in specialized research areas. UP and PG students are encouraged to take up projects in collaboration with industry and real time applications. Mini projects are planned for third year students on various research area to make them acquaintance with the latest technical trends and social needs.

## **1.2 Academic Flexibility**

### **1.2.1 Specifying the goals and objectives give details of the certificate/diploma/skill development courses etc., offered by the institution.**

#### **Communication, Aptitude and Personality Skill Development Courses**

Communication, Aptitude and Personality Skill development courses are also offered through external experts from training organizations like Work Senses, ITMR,NHD,CLHRD,Smart Training Resources, Col's caliber, Axis V and FIND MIND.

#### **Technical Skill Development Programmes**

Spoken tutorial serves as a platform for the students to learn software and gain immense knowledge which will be helpful for their career. The students and faculty members from various departments of KCET were trained on various open source software namely, SCILAB, PYTHON, C, C++, LATEX provided by Spoken Tutorial by IIT – Bombay.

- Our College is one of the Partner Colleges with IT giant INFOSYS. Infosys has extended its support in fine-tuning our students in the area of software development and soft skills through Infosys campus connect programme.
- Cloud infrastructure & Services course is offered in our campus by EMC<sup>2</sup> in association with ICTACT and our IT and CSE Faculty are also involved.
- Training programs on Mobile service and TV service are conducted through National Skill Development Corporation.
- LabView Academy develops the awareness about the LabView among students and staff of different disciplines by conducting Training programs, competitions, short term courses.

- Our college has partnered with IBM to conduct career education programs for our students in the following emerging technologies,
  1. Cloud Computing
  2. Mobile Technology
  3. Cyber Security
- Our college is a CISCO networking academy. Through this academy we are going to conduct CCNA routing and Switching (Module 1 & 2) for our students.

**1.2.2 Does the institution offer programmes that facilitate twinning /dual degree? If ‘yes’, give details.**

No

**1.2.3 Give details on the various institutional provisions with reference to academic flexibility and how it has been helpful to students in terms of skills development, academic mobility, progression to higher studies and improved potential for employability. Issues may cover the following and beyond:**

- **Choice Based Credit System and range of subject options : Curriculum** As per Anna University. Students can choose their elective subjects.
- **Courses offered in modular form – NO** (As per Anna University syllabus)
- **Credit transfer and accumulation facility – No** (As per Anna University)
- **Lateral and vertical mobility within and across programmes and courses –** As per the Anna University norms lateral admission (Diploma students are admitted in 2nd year) and transfer from a college under Anna University to another college is only possible.
- **Enrichment courses : Yes**  
The details of the enrichment courses are given in Criterion I: Annexure – I

**1.2.4 Does the institution offer self-financed programmes? If ‘yes’, list them and indicate how they differ from other programmes, with reference to admission, curriculum, fee structure, teacher qualification, salary etc.**

YES. All the courses are self-financed.

B.E.	–	Civil Engineering
B.E.	–	Computer Science and Engineering
B.E.	–	Electrical and Electronics Engineering
B.E.	–	Electronics and Communication Engineering
B.E.	–	Electronics and Instrumentation Engineering
B.E.	–	Mechanical Engineering
B.E	–	Mechatronics
B.Tech.	–	Bio Technology
B.Tech.	–	Information Technology
B.Tech.	–	Polymer Technology
M.Tech.	–	Biotechnology

M.Tech.	–	Polymer Science & Engineering
M.E.	–	Communication & Networking
M.E.	–	Manufacturing & Engineering
M.E.	–	Power Systems Engineering
M.E.	–	Structural Engineering
M.E.	–	Computer Science and Engineering
M.E.	–	Biometrics and Cyber Security
M.Sc.	–	Software Systems

Admission & Fee structure is followed as per the rules framed by the Government of Tamilnadu. Curriculum is designed by the university to which the institution is affiliated. Teachers' qualification and salary are as per the AICTE norms.

**1.2.5 Does the college provide additional skill oriented programmes, relevant to regional and global employment markets? If 'yes' provide details of such programme and the beneficiaries.**

- Yes, Soft Skills and Personality Development programs by external training organisation like TIME, Work senses, CLHRD, SMART, Col's caliber, Axis V and FIND MIND. etc. are organized periodically.
- Bridge courses are conducted for first year (All branches) students.
- Various skill development courses like Infosys Campus Connect, Cloud Infrastructure and service, Labview etc are conducted by various department.
- Guest lectures by eminent professors, scientists, experts from industries and educational institutions are organized at regular intervals. Workshops in Engineering and technology based on the need of the industries are conducted every semester.

**1.2.6 Does the University provide for the flexibility of combining the conventional face-to-face and Distance Mode of Education for students to choose the courses/combination of their choice" If 'yes', how does the institution take advantage of such provision for the benefit of students?**

No

**1.3 Curriculum Enrichment**

**1.3.1 Describe the efforts made by the institution to supplement the University's Curriculum to ensure that the academic programmes and Institution's goals and Objectives are integrated?**

- Industrial visits are arranged for the students with the Industries. The students are encouraged to do more numbers of Industrial projects.
- Guest lecture are arranged by inviting eminent persons from industries and reputed Institutions.

- In Plant Training- The students are encouraged to attend In-plant training during their vacation period.
- Extra laboratory experiments apart from curriculum requirement are provided in various laboratories.
- Communication skill development programmes are also given in addition to the technical skills development.

**1.3.2 What are the efforts made by the institution to enrich and organize the curriculum to enhance the experiences of the students so as to cope with the needs of the dynamic employment market?**

- The curriculum prescribed by the university is effectively disseminated by providing suitable infrastructure facilities. The labs are well equipped which enables the students to learn individually and in groups
- The text books provided to the students and e-journals help the students to learn beyond curriculum.
- The industrial projects help them to gain knowledge about the current affairs and to explore the industrial needs.
- Entrepreneurship cell motivates the students by conducting competitions on designing innovative projects and promoting their innovative ideas for product development based on industrial and social needs.
- Based on the feedback from parents, alumni and industrial experts, the curriculum is enriched by organizing specific training programmes, special lectures, industrial visits, debate clubs, workshops and Faculty development programmes.
- The recommendations of the industry institute interaction cell to incorporate latest technology in the curriculum are also represented during HOD meeting conducted by the Principal.

**1.3.3 Enumerate the efforts made by the institution to integrate the cross cutting issues such as Gender, Climate Change, Environmental Education, Human Rights, ICT etc., into the curriculum?**

Equal opportunities are given to both the genders in all the aspects like admissions, employment, training programmes, sports activities etc.,

Almost all branches of engineering have courses either as core subject or elective subject on Environmental science and engineering. Rain-water harvesting system is functioning in the college which provides the knowledge to the students about this system. Wastewater in the institution has been treated and used for gardening and students are doing projects in institutional wastewater treatment. To save power and to protect environment solar Power plants are used for street lights and water heaters. The College Gardening Club has been

involving students and faculty in a variety of activities that would have a positive impact on the environment. To prevent soil erosion during rainy season number of saplings has been planted and artificially constructed percolation pits are provided in the campus. Tree plantation has been taken up as an important aspect and the students are actively involved in tree plantation. Awareness programmes are also initiated by NSS, YRC and Rotaract club.

The curriculum includes courses on professional ethics. The students are informed about the Ombudsman system available in our institution.

Computer related theory and practical subjects are included in all degree courses. Student information system is available, enabling access to student details, marks, attendance, etc. The capacity of internet is adequate with 45Mbps speed. The departments are provided with enough computers, LCD projectors and internet connections. The campus is Wi-Fi enabled. Circulars and other official communications are communicated through official mail ids. The e-journals and NPTEL videos can also be accessed through intranet.

#### **1.3.4 What are the various value-added courses/enrichment programmes offered to ensure holistic development of students?**

##### **Moral and Ethical Values**

As part of Orientation Programme for the first year students, lectures and interactive session are arranged. Last year (2012-13), in lieu of Swami Vivekananda's 150<sup>th</sup> birth anniversary, a lecture was arranged on January 12<sup>th</sup> 2013 at Conference hall, KCET. The college NSS conducts competitions during Mahatma Gandhi's birthday to propagate the importance of Ahimsa. Various competitions are conducted for students on World Environment day and Engineers Day.

##### **Employability and Life Skills**

Training Sessions are conducted periodically for students of all years to improve their employability and life skills. Subject beyond syllabus including softskill training and aptitude training are given. The Youth Red Cross (YRC) club arranged to get license for two wheeler and four wheeler, for staff members and students.

##### **Better Career Options**

Guest lectures are arranged for learners to explore and assess various educational and job avenues available at the national and international level. Encouragement is given to all students to write the GATE exam. Additional courses are also offered. For example, the department of Electronics and Instrumentation Engineering offers additional courses on the latest software pertaining to academic subjects like Labview course. This is made possible through technical seminars organized through association activities in the department. Workshops on android, campus connect programme by Infosys, Labview have been conducted. NCC Cadets who pass the C-Certificate Exams conducted by the Ministry of Defense are given preference in Defense related Jobs. The college encourages its cadets to appear for the C-Certificate Exam.

## **Community Orientation**

NCC Wing, NSS club and various other clubs of our college conducts programmes on Plastic awareness, Anti-Dowry, Cancer awareness, Aids Awareness, Anti-Tobacco, Health and Hygiene, Energy Conservation for the villagers around the college. Blood donation camps have been organized by NSS and YRC club. Medical Camps for Eye check up were organized.

### **1.3.5 Citing a few examples enumerate on the extent of use of the feedback from stakeholders in enriching the curriculum?**

- The institution has various channels to collect and document feedback on curriculum from the stakeholders. The students express their opinion on curriculum through response sheets. Oral responses are also considered.
- Special formats are used for alumni and parents to register their views during interface meetings. The departments analyse the feedback and prepares response chart for future use. The Principal reviews the analysis reports and initiates interventions where necessary.
- The teachers collect the exit level feedback from the students regarding learning processes after the end of academic session every year.
- Based on the feedback from Industrial experts and alumni, the curriculum is enriched by organizing specific training programmes, special lectures, industrial visits, debate clubs, workshops and Faculty development programmes.
  - For example the feedback from Infosys, Campus Connect and Campus commune help to enrich the curriculum.

### **1.3.6 How does the institution monitor and evaluate the quality of its enrichment programmes?**

- Through feedback

## **1.4 Feedback System**

### **1.4.1 What are the contributions of the institution in the design and development of the curriculum prepared by the University?**

Faculty members from various departments are in the committees concerned with the curriculum design and development of curriculum prepared by the University (board of studies and syllabus committee) - Refer 1.1.6.

### **1.4.2 Is there a formal mechanism to obtain feedback from students and stakeholders on Curriculum? If 'yes', how is it communicated to the University and made use internally for curriculum enrichment and introducing changes/new programmes?**

Yes, the college obtains feedback from the students, alumni, parents, employers/industries and experts from academia. The students give their feedback in the class committee meetings that are held periodically, which provides a platform to discuss all academic issues. Any difficulty expressed by the students is noted and the same is duly

communicated to the university either through the senior faculty who are members in the various boards of studies/syllabus committees etc.

The alumni of the college who are employed in industry or pursuing higher studies give feedback on how the curriculum has helped them to perform in chosen field. The alumni also give suggestions to the students to achieve greater focus and improving themselves.

#### **1.4.3 How many new programmes/courses were introduced by the institution during the last four years? What was the rationale for introducing new courses/programmes?**

Kamaraj College of Engineering and Technology in the recent past has introduced One Undergraduate courses in addition to the existing eight courses. Seven Post Graduation Programmes have been introduced M.E. in Computer and communication Engineering which is now changed as M.E Communication and Networking, Additional divisions have been introduced in the UG programmes B.E. Computer Science and Engineering, B.E. Electronics and Communication Engineering, B.E. Mechanical Engineering and B.E. Civil Engineering

##### **Undergraduate courses**

S.No	Course	Specialization	Established year
1	B.E.	Mechatronics	2014

##### **Post Graduation Programmes**

S.No	Programme	Specialization	Established year
1	M.E.	Computer and communication	2011
2	M.E.	Power System Engineering	2012
3	M.E.	Manufacturing Engineering	2012
4	M.E.	Structural Engineering	2013
5	M.E.	Computer Science and Engineering	2014
6	M.E.	Biometrics and Cyber Security	2014
7	M.Sc. (5 years Integrated)	Software Systems	2014

Courses offered by the college are applicable to all fields of engineering and gives wide scope for job opportunities in industries and also provides a platform for pursuing research in the field of interest. The increase in number of industries creates an increasing demand for skilled engineers. The Curriculum of the course offered by the college help to undergo real time projects which in turn helps in finding solution for the existing minor and major problems thereby it caters to the needs of industries and also contributes to the nation through research findings.

**Any other relevant information regarding curricular aspects which the college would like to include.**

- Being an affiliated institution, Kamaraj College of Engineering and Technology, follows curriculum provided by Anna University, Chennai. We fill the gap between the existing curriculum and the changing needs of the industry by providing additional input to the students by means of guest lectures, in-plant trainings and various other skill development programmes.
- The board members of the institution donate generously for different endowments for students to reward their academic and sport initiatives, efforts and victory.

## CRITERION II : TEACHING – LEARNING AND EVALUATION

### 2.1 *Student Enrolment and Profile*

#### 2.1.1 How does the college ensure publicity and transparency in the admission process?

The college

- ensures publicity through FM Radio, prospectus, institutional website, Educational Stall, TV Advertisement and advertisements in leading newspapers.
- strictly follows the rules laid down by both the University and Government of Tamil Nadu to ensure transparency of the admission procedure.

As our college is affiliated to Anna University, the government quota admission is done through single window counseling conducted by the University.

- For Management quota, admission is done through merit by Consortium of Self Financing Professional Colleges, Chennai.

#### 2.1.2 Explain in detail the criteria adopted and process of admission ((i) merit (ii) common admission test conducted by state agencies and national agencies (iii) combination of merit and entrance test or merit, entrance test and interview (iv) any other) to various programmes of the Institution.

As per the norms of the affiliated university, 65% of the seats for the undergraduate courses are reserved and filled through government quota.

The remaining 35% of the seats are filled through management quota.

- For Undergraduate courses,
  - the admission is based on cutoff marks computed on the basis of marks obtained in Physics, Chemistry & Maths in the qualifying exams for First year admission.
  - The Lateral entry admission in second year undergraduate is made on the basis of marks obtained in Diploma course.
- For Postgraduate courses, the admission for the government quota is based on the marks obtained in the written test (TANCET/GATE) and for management quota, it is based on marks obtained in CET.

**2.1.3 Give the minimum and maximum percentage of marks for admission at entry level for each of the programmes offered by the college and provide a comparison with other colleges of the affiliating university within the city/district.**

The minimum and maximum cut off marks at the entry level for the various programmes through single window counseling is given below

DEPT	ACADEMIC YEAR									
	2013-2014		2012-2013		2011-2012		2010-2011		2009-2010	
	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
<b>B.E. CSE</b>	180.25	87.75	189.00	121.75	193.75	113.00	199.25	102.25	199.25	78.25
<b>B.E. ECE</b>	187.75	80.75	194.50	106.00	192.75	87.50	192.00	140.00	193.75	133.25
<b>B.E. EIE</b>	171.25	98.00	177.50	117.25	184.50	88.50	180.75	82.75	183.75	76.0
<b>B.E. PT</b>	182.75	81.00	168.50	88.25	171.75	87.50	180.50	79.25	173.75	112.25
<b>B.Tech IT</b>	175.75	106.25	187.00	109.25	189.5	89.00	188.25	113.25	189.50	123.50
<b>B.E. EEE</b>	185.25	117.00	191.50	113.00	192.00	131.00	186.25	105.00	189.33	129.75
<b>B.Tech. BT</b>	189.00	109.75	186.25	100.50	187.25	100.75	192.00	102.75	186.25	94.25
<b>B.E. MECH</b>	188.25	125.75	191.00	96.25	188.75	122.25	190.25	89.00	190.50	118.75
<b>B.E. CIVIL</b>	193.25	107.00	188.00	145.00	183.00	130.00	186.25	127.00	190.75	105.50

**Comparison with other colleges within the city : Data for comparison on admission could not be obtained.**

**2.1.4. Is there a mechanism in the institution to review the admission process and student profiles annually? If 'yes' what is the outcome of such an effort and how has it contributed to the improvement of the process?**

Yes.

A Comparative statement of the past few years is prepared to review the quality of admissions and it is submitted to the Governing Council.

The council provides some strategical decisions are taken to improve the quality and decides on the process for the year ahead.

- The college ensures publicity through FM Radio, prospectus, institutional website, Educational Stall, TV Advertisement and advertisements in leading newspapers.
- The maximum percentage of marks for admission of the students has increased in the past few years.

DEPARTMENT	MAX IN 2009	MAX IN 2010	MAX IN 2011	MAX IN 2012	MAX IN 2013
B.E. CSE	199.25	199.25	193.75	189.00	180.25
B.E. ECE	193.75	192.00	192.75	194.50	187.75
B.E. EIE	183.75	180.75	184.50	177.50	171.25
B.E. PT	173.75	180.50	171.75	168.50	182.75
B.Tech IT	189.50	188.25	189.5	187.00	175.75
B.E. EEE	189.33	186.25	192.00	191.50	185.25
B.Tech. BT	186.25	192.00	187.25	186.25	189.00
B.E. MECH	190.50	190.25	188.75	191.00	188.25
B.E. CIVIL	190.75	186.25	183.00	188.00	193.25

**Fees waiver List:**

YEAR	Student name	Branch	Cut off Mark	% of Fees Waived	SC/ST Yes/No
<b>2013-2014</b>	N. Amrudha	Civil	579	100%	-
<b>2012-2013</b>	S. Anna Poorani	ECE	580	100%	-
<b>2011-2012</b>	S.Yogitha	CSE	580	100%	-
	V.Sivashree	ECE	569	100%	-
	R. Lidiya Florance Rajathi	ECE	576	100%	-
	R. Janani Pirya	ECE	567	100%	-
	K.Ramprasad	ECE	572	100%	-
	P. Aruna Devi	ECE	567	100%	-
	S. Nachiyar	ECE	572	100%	-
	G. Gubanesh	ECE	569	100%	-
	R. Nithya	IT	567	100%	-
	P. Leethiyal	EEE	573	100%	-
	V. Mayuri	BT	566	100%	-
	M.Mouriyan	MECH	566	100%	-
	N.Nagarajan	MECH	565	100%	-
<b>2010-2011</b>	-	-	-	-	-
<b>2009-2010</b>	V.M.Yazhmozhi	CSE	597	100%	-

**2.1.5 Reflecting on the strategies adopted to increase/improve access for following categories of students, enumerate on how the admission policy of the institution and its student profiles demonstrate/reflect the National commitment to diversity and inclusion**

- SC/ST
- OBC
- Women
- Differently- abled
- Economically weaker sections

**Any other**

- All scholarships are made available to SC/ST/OBC/Women/First graduates.
- Differently- abled students are provided with all possible help within the campus

**STUDENT DETAILS**

YEAR	TOTAL	BOYS	GIRLS	SC/ST	OBC	Economically weaker Sections	DIFFERENTLY ABLED
<b>2013-2014</b>	861	443	418	80	591	8	-
<b>2012-2013</b>	760	366	394	77	516	7	-
<b>2011-2012</b>	698	363	335	73	473	11	-
<b>2010-2011</b>	656	362	293	72	451	19	-
<b>2009-2010</b>	612	332	280	48	435	21	1

**2.1.6 Provide the following details for various programmes offered by the institution during the last four years and comment on the trends. i.e reasons for increase / decrease and actions initiated for improvement.**

Programmes	Number of applications	Number of students admitted	Demand Ratio
<b>10 UG and 8 PG</b>	-	-	-

Not applicable. Since the admission for the courses are through the affiliating university, Anna University Chennai the applications received and demand ratio are not known.

## **2.2 Catering to Diverse Needs**

### **2.2.1 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?**

The institution caters to the needs of differently-abled students by providing them

- Elevator facility
- Medical help
- Well laid roads within the campus
- Help in the library and canteen
- Buildings connected by corridor
- Staircase with banister and steps with handrails.

The staff members are very supportive and cooperate with the differently abled students.

### **2.2.2 Does the institution assess the students' needs in terms of knowledge and skills before the commencement of the programme? If yes, give details on the process.**

Yes.

The institution assesses the students' needs in terms of knowledge and skills before the commencement of the program by organizing

- Orientation Programme for first year students with their parents before the commencement of the programme to create awareness about curriculum, attendance details, rules and regulations of college and university
- Bridge courses in physics, mathematics & English to first year students and lateral entry students.

### **2.2.3 What are the strategies drawn and deployed by the institution to bridge the knowledge gap of the enrolled students to enable them to cope with the programme of their choice? (Bridge/Remedial/Add-on/Enrichment Courses, etc.)**

The College offers

- bridge courses in selected subjects like Computer Programming, Mathematics etc.
- Language Proficiency and personality development programme for educationally disadvantaged students and lateral entry students.
- Discussion of University questions.
- Half an Hour Test in the morning.

The students are encouraged to Attend Guest lecture, workshop, seminar, quiz competition & conference both inside & outside college.

### **2.2.4 How does the college sensitize its staff and students on issues of gender, Environment etc.?**

The college sensitizes its staff and students on issues of genders by

- providing equal opportunities for both gender of faculty members.
- Conducting redressal committee meeting for addressing the grievances through Grievance cell.

- Availing Admissions, employment initiatives, training programme and every other facility for both boys and girls.
- Offering help through Professional counselors.
- Providing conducive environment to cater the diverse needs.
- Mentoring with psychological counseling and lectures on issues of both genders.
- Creating awareness of clean and green environment through various club activities.

#### **2.2.5 How does the institution identify and respond to special educational/learning needs of advanced learners?**

The institution identifies the needs of advanced learners by tutor system and

- Encourages the enthusiastic students who wish to participate in various competitions (both inter and intra departmental and inter collegiate & inter university).
- Organizes various competitions such as technical contest, entrepreneurship development programs and quiz competitions.
- Grants permission to attend national and international conferences.
- Conducts Value added programme such as embedded systems, Android workshop, PC Assembling and troubleshooting workshop, Infosys Campus Connect Programme etc. to cater to the needs of the advanced learners.
- Encourages Students in the fourth year are also encouraged to take competitive examinations like GATE and given appropriate coaching.
- Encourages them to participate in “My Idea presentation” through innovators club. Sponsors them for selected projects.
- Encourages them to participate in TNSCST project contest.
- Extending library timings and transport facilities to the students beyond college regular hours.

#### **2.2.6 How does the institute collect, analyze and use the data and information on the academic performance (through the programme duration) of the students at risk of drop out (students from the disadvantaged sections of society, physically challenged, slow learners, economically weaker sections etc.)?**

The institution collects, analyses the data through tutors who collect and maintain the record of every student.

### **2.3 Teaching-Learning Process**

#### **2.3.1 How does the college plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan, evaluation blue print, etc.)**

All the academic activities such as commencement of the classes for the students of various semesters, date of Slip Tests, Cycle tests and Class committee meetings etc., are planned meticulously in advance for the academic year and a hard copy of the calendar is given to all the students and faculty, on the first day of the academic year. The class time table is also prepared well before the commencement of classes. A detailed lesson plan is

prepared by each faculty with calendar dates mentioned for assignment submission therein and informed to the students.

**2.3.2 How does IQAC contribute to improve the teaching –learning process?**

All HoDs are members of IQAC and monitor the course plan, lecture schedule etc. to improve the teaching learning process.

**2.3.3 How is learning made more student-centric? Give details on the support structures and systems available for teachers to develop skills like interactive learning, collaborative learning and independent learning among the students?**

- Interactive learning is ensured by adopting seminars, quiz ,role play, tutorial classes, etc, in teaching and learning process.
- Collaborative learning is supported by peer enablement, industrial and multidisciplinary projects.
- Independent learning is encouraged by giving assignments, self study topics and seminars.

**2.3.4 How does the institution nurture critical thinking, creativity and scientific temper among the students to transform them into life-long learners and innovators?**

Tutors identify talents of the students and encourages

- To take up projects and mini projects in their area of interest and to submit project proposal to various funding agencies.
- To participate in various technical quizzes, contests, conferences, in-plant training etc.
- To engage in various clubs like Innovator's club, SAE India club, Lab View Academy.

The institution provides financial support for innovative and best projects.

**2.3.5 What are the technologies and facilities available and used by the faculty for effective teaching? E.g. Virtual laboratories, e-learning – resources from National Programme on Technology Enhanced Learning (NPTEL) and National Mission on Education through Information communication and Technology (NME-ICT), open educational resources, mobile education, etc.**

The technologies and facilities available in the institution are

- Webinar lectures delivered by experts from infosys
- NPTEL-web and video material, youtube videos, animations.
- Internet resources
- EDUSAT
- Spoken Tutorial
- Working models
- Charts
- Demonstration experiments.
- PPTs for various topics

### **2.3.6 How are the students and faculty exposed to advanced knowledge and skills (blended learning, expert lectures, seminars, workshops etc.)?**

The students and faculty are exposed to advanced knowledge by organizing

- Special lectures on current trends by Subject experts.
- Seminars and workshops on modern trends in Engineering and Technology

They are encouraged to attend Seminars and workshops organized by other Engineering institutes, Universities, Industries, National and state govt. research laboratories, ICTACT etc.,

- Students visit industry as part of in-plant training

### **2.3.7 Detail (process and the number of students benefited) on the academic, personal and psycho-social support and guidance services (professional counseling/mentoring/academic advise) provided to students?**

**The process**

- All students are counseled by respective tutors.
- Professional counselor pays individual attention and provides Psycho-social support to students who require such counseling.

Apart from the above, career guidance is provided to all the students through the placement cell.

The benefits of the above mentioned process help students to clear arrears papers, regular attendance, and to identify career options.

No. of students benefited: **more than 500**

### **2.3.8 Provide details of innovative teaching approaches/methods adopted by the faculty during the last four years? What are the efforts made by the institution to encourage the faculty to adopt new and innovative approaches and the impact of such innovative practices on student learning?**

The institution encourages the faculty to use

- PPTs, Charts, models, animations, and demo in addition to the conventional black board teaching. LCD facility is provided to display NPTEL videos.
- Case study analysis system is followed.
- Certain experiments beyond syllabus in the laboratory oriented courses.
- Variety of Software tools to the faculty to enable them to teach certain topics through extensive simulation techniques.

Apart from classroom interactions, the students undergo in-plant training, visit industries, present papers, take up paper publication etc., The members of the faculty give them guidance in all such activities so that the class room learning is effectively and innovatively supplemented.

- In order to impart more innovative approaches in teaching-learning pedagogy, the institution motivates all the faculties to

- Attend FDPs and Training programs, National and International Seminars, Conferences/Workshops organized by well reputed institutions of Anna University, and IIT's.
- Organize **Feel Teacher, INSPIRE and Work senses** programmes for faculty enablement
- Conduct Spoken tutorial by IIT, Bombay for SCILAB and LATEX softwares.

### **2.3.9 How are library resources used to augment the teaching-learning process?**

- Our institution possess well equipped central library with necessary text and reference books, periodicals, journals and e-resources in all the subjects related to engineering, technology, management, science and humanities. There is a separate digital section in library.
- Students can borrow four books at a time and staff members can have 12 books at a time.
- The working hours are extended on weekdays and opened on Sundays
- Members of faculty can access NPTEL, EDUSAT materials in digital section.
- Facility to have photocopies at a cheaper cost is available in library.
- Every class has one compulsory library hour / week for permitting the students to access the reference books and journals.
- Faculty members and Students can access E-Journal through Intranet.
- Faculty members and Students can check availability of books by using the automated software.
- Apart from the central library, every department has a library with adequate collection of text books, reference books and journals.

For more details refer Criterion 4.2

### **2.3.10. Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If 'yes', elaborate on the challenges encountered and the institutional approaches to overcome these**

NO

### **2.3.11 How does the institute monitor and evaluate the quality of teaching learning?**

The institution monitors regularly and systematically evaluates the quality of teaching in the following ways:

- Course file for each subject prepared by faculty member who is handling the subject and verified by the respective department incharge followed by the head of the institution.
- The reports of lecture plan and lecture schedule which are submitted to HoD once in a week and to the head of the institution once in a month.
- Class committee meetings which are conducted twice in a month to discuss the effectiveness of the teaching-learning process.

- Appropriate and systematic feedback.
- Evaluation of performance in the regular cycle tests which are systematically made through structured formats.

## 2.4 Teacher Quality

### 2.4.1 Provide the following details and elaborate on the strategies adopted by the college in planning and management (recruitment and retention) of its human resource (qualified and competent teachers) to meet the changing requirements of the curriculum

- The institution advertises through Newspaper and displays in website for recruitment.
- The applications received are scrutinized by the Principal, Dean and HOD and short-listed. The short-listed candidates are called for written test. After the test, a selection committee, comprising of the board members of the institution, the Principal, concerned HOD and External Experts, conduct the interview and select the faculty members based on merit in terms of qualification, experience, marks scored in written test and performance in interview.
- Retention is made through conducive HR policies such as
  - Gratuity schemes.
  - Promotions, sabbatical leave for Ph.D.,
  - TA & DA and registration fees to attend the conferences.
  - Loan from PF and Personal Loan.
  - Group Insurance.
  - ESI for non-teaching members.

### OVERALL

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
<b>Permanent Teachers</b>							
D.Sc./D.Litt							
Ph.D.	10	10	8	6	2	2	38
M.Phil.	0	0	1	0	7	23	31
PG	0	0	3	4	69	77	153
<b>Temporary Teachers</b>							
Ph.D.							
M.Phil.							
PG							
<b>Part-time Teachers</b>							
Ph.D.							
M.Phil.							
PG							

Refer Criterion II : Annexure – I

**2.4.2 How does the institution cope with the growing demands and scarcity of qualified senior faculty to teach new programmes/ modern areas of study being introduced (Biotechnology, IT, Bioinformatics etc.)? Provide details on the efforts made by the institution in this direction and its outcome during the last three years.**

- Institution encourages faculty members to take up higher studies/parallel studies and upgrade their qualification.
- Senior teaching faculty who are capable of mentoring junior faculty in subject preparation and teaching methodologies are recruited.
- Some of the Challenging subjects like Signal Processing are taught by a senior Faculty Dr. P. Kalyana Sundaram, EIE.
- Various EDUSAT Programmes are conducted by Anna University Professors to our Staff members and students.
- Spoken tutorial courses from IITB, are arranged.
- Staff members are permitted to attend National & International conferences, seminars, FDPs, Young Scientist Fellowship and short term training programmes to enrich in Knowledge.
- Faculty are encouraged to learn and teach new programs using Spoken Tutorial and Webinars from IBM Centre of Excellence in Courses like Mobility, Cybersecurity, Cloud Computing, Quality Improvement Cell.
- Necessary books and journals in thrust areas are identified, procured and made available in the library on request of the teachers.

**2.4.3 Providing details on staff development programmes during the last four years, elaborate the strategies adopted by the institution in enhancing the teacher quality.**

To improve the competency of the teachers and facilitate good quality teaching, the institution motivates them to attend refresher courses, orientation programmes, workshops, seminars, FDP, etc. are organized by the university and other institutions. The Institution also organizes staff training programmes which help in enhancing the quality of the teachers.

**a. Nomination to staff development programmes**

- Head of the Department prioritizes and nominates the staff members to attend the FDPs/SDPs based on competency in thrust areas.

**OVERALL**

Academic Staff Development Programmes	Number of faculty nominated					
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010	2008-2009
Refresher courses	12	0	0	0	0	0
HRD programmes	12	33	12	0	6	0
Orientation programmes	0	25	6	7	1	4
Staff training conducted by the university	3	16	15	4	3	3

Staff training conducted by other institutions	<b>28</b>	<b>55</b>	<b>46</b>	<b>32</b>	<b>53</b>	<b>22</b>
Summer / winter schools, workshops, etc.	<b>18</b>	<b>48</b>	<b>51</b>	<b>39</b>	<b>29</b>	<b>30</b>

Refer Criterion II : Annexure – II

**b. Faculty Training programmes organized by the institution to empower and enable the use of various tools and technology for improved teaching-learning.**

The institution organized programmes for

- **Teaching learning methods/approaches:** Feel Teacher by CLHRD, Faculty Enablement programme by Infosys, Work Senses and Peer Enablement Programme.
- **Handling new curriculum:** Faculty Development Programmes.
- **Content/knowledge management:** NPTEL, EDUSAT Video, Webinars, Online spoken tutorial course by IITB.
- **Selection, development and use of enrichment materials/Teaching learning material development, selection and use: Provision**  
University Prescribed Books, Lab Aid Manuals, University Questions, Question Bank, Course plan for each subject Semesterwise.
- **Assessment** –Assessment by the Head of the Department and Principal, and also through feedback from the students. Also through lecture schedule and course plan.
- **Audio Visual Aids/multimedia** –Class rooms, Conference halls and seminar halls are provided with audio visual teaching aids for conducting training programmes.
- **OER's** – Open Educational Resources available are online journals, NPTEL, EDUSAT Lectures, MIT Course materials, Webinars.

**c. Percentage of faculty**

- invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies  $\approx$  \_\_\_\_\_%
- participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies  $\approx$  \_\_\_\_\_%
- presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies  $\approx$  \_\_\_\_\_%

**OVERALL**

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	16	195	<b>8.21%</b>
	2012-2013	11	189	<b>5.82%</b>
	2011-2012	15	182	<b>8.24%</b>
	2010-2011	7	158	<b>4.43%</b>
	2009-2010	10	141	<b>7.09%</b>

	2008-2009	6	132	4.55%
<b>participated</b> in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	102	195	52.31%
	2012-2013	72	189	38.10%
	2011-2012	89	182	48.90%
	2010-2011	64	158	40.51%
	2009-2010	74	141	52.44%
	2008-2009	50	132	37.88%
<b>presented</b> papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	10	195	5.13%
	2012-2013	59	189	31.22%
	2011-2012	31	182	17.03%
	2010-2011	26	158	16.46%
	2009-2010	21	141	14.89%
	2008-2009	23	132	17.42%

Refer Criterion II : Annexure – III

**2.4.4 What policies/systems are in place to recharge teachers? (e.g. providing research grants, study leave, support for research and academic publications teaching experience in other national institutions and specialized programmes)**

The institution promotes teacher Academic development by

- Motivating them to go for higher studies (M.E./M.Tech./Ph.D.)
- Providing study leave/On Duty/Special Leave/Sabbatical Leave.
- Sponsoring to attend and present papers in international conferences / seminars, training programmes, faculty development programmes organized by the university and other agencies.
- Encouraging to send proposals on Research activities and sponsored projects to AICTE, TNSCST, DRDO, CSIR and funding agencies.
- Giving On duty permission with salary for faculty members who receive Young Scientist Fellowships.
- Signing MoUs with Universities, National Institutions and Industries to enhance academic development.
- Encouraging industry visits by staff members by giving TA/DA and On duty permission.

**2.4.5. Give the number of faculty who received awards / recognition at the state, national and international level for excellence in teaching during the last four years. Enunciate how the institutional culture and environment contributed to such performance / achievement of the faculty**

The institution encourages all the faculty members to deliver good quality teaching learning for overall development of the students and institution. The institution celebrates **“ACHEIVERS DAY”** every year where the performance of the faculty members and the achievers are appreciated and honoured. On the college day function, the faculty members who have secured 100 % pass are honored with an appreciation certificate.

Number of staff members who have received the award in the last four years –12

Refer Criterion II : Annexure – IV

**2.4.6 Has the institution introduced evaluation of teachers by the students and external Peers? If yes, how is the evaluation used for improving the quality of the teaching-learning process?**

- Every Semester, each Department obtains a feedback from every student. The feedback form contains 20 questions, covering the following aspects.
  - the depth of subject preparation.
  - clarity in the delivery of the lecture.
  - encouraging the students to ask questions.
  - evincing interest in the students' progress,
  - punctuality.
  - pace of syllabus coverage and interaction with students etc.
- The score obtained by each teacher is assessed to understand the teaching quality. The HODs and the Principal study the score sheet of every teacher and wherever certain deficiencies are observed, the teacher is counseled accordingly to ensure that they improve their performance.
- The feedback helps to rectify the shortcomings of teachers and improve the teaching and learning process.
- During class committee meetings, the class chairperson, student representatives and their subject teachers discuss the problems to improve the academic performance.

**2.5 Evaluation Process and Reforms**

**2.5.1 How does the institution ensure that the stakeholders of the institution especially students and faculty are aware of the evaluation processes?**

- The university allots 80% marks for the end semester exams and 20% internal marks. The internal marks are based on the cycle test and attendance percentage.
- The students are made aware of the evaluation procedures and examination pattern of college and the university well in advance through tutors.
- Monthly twice class committee meeting was organized by the respective class incharge (chairperson). The committee contains student representatives, staff members and head of the department. The student's grievances were discussed and necessary actions are taken immediately.
- The student related attendance, internal marks are entered in the Anna University web portal which can be seen by the students as well as the parents.
- A parent teacher meeting is arranged and the evaluation process of the institution and the university is informed.

**2.5.2 What are the major evaluation reforms of the university that the institution has adopted and what are the reforms initiated by the institution on its own? Reforms initiated by Affiliated University:**

- In recent years the university has developed a data bank of teachers and their specialization of subjects.
- The university has introduced a scheme of applying for photo copies (Xerox) of answer scripts for revaluation and also to challenge valuation.

- The student attendance, cycle test marks are entered in the Anna University web portal.

#### **Reforms initiated by College:**

- The institution provides an academic calendar with information on dates of slip tests, cycle test, course and class committee meetings.
- Tests are conducted centrally by the Examination Cell.
- A structured formats for slip test, cycle test, are created. The university result analysis report and feedback system are made to evaluate the performance of the students.
- Evaluation of cycle tests within 3 days and the results are discussed with the students in the class.
- Retests are conducted for students those who were absent on the day of examination.
- Improvement test is also conducted for the student those who wants to improve their internal marks.
- Viva tests are conducted for every lab exercises.
- The cycle test marks and attendance are promptly dispatched to the parents.

#### **2.5.3 How does the institution ensure effective implementation of the evaluation reforms of the university and those initiated by the institution on its own?**

The Institution ensure effective implementation by

- Providing 'On duty' permission for the teachers attending central valuation of answer papers organized by the University.
- Verifying the question papers prepared for the cycle tests and Ensuring pattern, quality and correctness by HoDs and senior faculty.
- Creating an awareness to the students on the procedures for revaluation through circulars and class teachers.
- Providing infrastructure to upload data in the web portal.

The answer papers are valued and handed over to the students within three days from the day of the examination and marks are entered in the web portal of Anna University Chennai.

#### **2.5.4 Provide details on the formative and summative evaluation approaches adapted to measure student achievement. Cite a few examples which have positively impacted the system.**

Student's achievements are evaluated through

- Summative report on university exams
- Formative report of the slip test, cycle test and Assignment identify the weakness of the students in the examinations and to score better grades by conducting special classes.
- Ranks obtained in the university
- Participation in innovators club My Idea Presentation.
- Admissions into reputed universities with fellowships.

**2.5.5 Details on the significant improvements made in ensuring rigor and transparency in the internal assessment during the last four years and weightages assigned for the overall development of students (weightage for behavioral aspects, independent learning, communication skills etc.**

- As per university norms, Internal assessment is calculated using the marks obtained in cycle tests and marks with regard to attendance percentage.
- The information on students 'internal mark are displayed on the Anna University web portal.
- Attendance details and marks obtained are also displayed on the department notice boards.
- Students are encouraged to select an elective paper from the curriculum.
- Independent learning is achieved through assignments.

**2.5.6 What are the graduate attributes specified by the college/affiliating University? How does the college ensure the attainment of these by the students?**

- Employable
- Societal awareness
- Global working abilities

**Employable**

In the institution, the department helps the second year students in getting slots in appropriate industries for undergoing in-plant training for learning industrial practices.

Placement Training and soft skill development programmes are conducted to make the students employable.

**Societal awareness**

Institution creates social awareness in students through organizing community services through NSS, YRC, Rotaract, Leo, RRC etc.

**Global competence**

It is achieved through organizing skill development programmes and language proficiency courses and other courses like IBM Cloud Computing, IBM Mobility, IBM Cyber Security, Lab View, CCNA, Android etc.

**2.5.7 What are the mechanisms for redressal of grievances with reference to evaluation both at the college and University level?**

- Internal evaluation is made by the teacher of the subject. The scheme of valuation is discussed in the class. The students can approach the teachers for the clarification on the marks awarded.
- University revaluation scheme facilitates to redress the grievances of the students with regard to the final exams.
- Provisions for 'challenge valuation' exist if revaluation result is not satisfactory.

## **2.6. Student performance and Learning Outcome**

### **2.6.1. Does the college have clearly stated learning outcomes? If 'yes' give details on how the students and staff are made aware of these?**

Yes.

- The importance of employability is insisted to the students.
- In tune with the Vision, the institution constantly strives to be one of centre of excellence in Engineering, Technology education and Research. The learning outcomes aim to provide competent, skilled and ethical professionals who have a lot of concern for the society.
- All the planning and execution are directed towards meeting the objectives by displaying in the main notice board, printing in the college calendar, prospectus and magazines.
- The staff and students are made to be aware of the intended learning outcomes.
- The course plan, given to the students, framed by the university clearly indicates the learning outcome for each subject. Teachers are assisted to achieve these by a proper support systems
- Feedback is obtained from the students to check how far the envisaged learning outcomes have been achieved in every subject.

### **2.6.2 Enumerate on how the institution monitors and communicates the progress and performance of students through the duration of the course/programme? Provide an analysis of the student's results/achievements (Programme/course wise for last four years) and explain the differences if any and patterns of achievement across the programmes/courses offered.**

- After every cycle test, reports are sent to the parents.
- Attendance and internal marks are displayed in the department notice boards, giving the students an opportunity to improve their performance.
- Result analysis graph are plotted to analyze their performance.
- If the ward is absent, parents are informed on the same day through SMS. The progress of the ward is discussed in the parent-teacher meeting.
- The student's attendance and internal marks are entered in the Anna University web portal.

### Result Analysis for the last four years

Batch	2009-13			2008-12			2007-11			2006-10		
Dept	Total	Grad	%	Total	Grad	%	Total	Grad	%	Total	Grad	%
CSE	130	102	78.46	66	53	80.3	65	57	87.69	62	54	87.1
ECE	63	51	81	65	60	92.3	65	55	84.62	63	57	90.48
EIE	64	48	75.0	65	47	72.31	64	51	79.69	65	52	80.0
PT	46	35	76	28	16	57	23	15	65	24	20	83
IT	60	51	85	60	51	85	66	57	87	66	56	89
EEE	65	59	90.76	65	49	75.38	60	54	90	65	59	90.76
BT	52	48	92.3	43	36	83.72	44	42	95.45	52	50	96.15
MECH	65	58	89.2	33	31	93.9	32	26	82.3	32	27	84.4
CIVIL	64	60	93.75	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

Batch	2011-13			2010-12			2009-11			2008-10		
Dept	Total	Grad	%	Total	Grad	%	Total	Grad	%	Total	Grad	%
M.E. CCE	18	16	89%	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
M.E. EEE	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
M.Tech PT	1	1	100									
M.Tech BT	18	18	100									
M.E (Mech)			--			--			--			--

### 2.6.3 How are the teaching, learning and assessment strategies of the institution structured to facilitate the achievement of the intended learning outcome?

The intended learning outcome is achieved

- Through the Recruitment and retainment of the best teachers who are committed towards the institutional goal.
- Facilitation through academic and research programmes, infrastructure improvements in library, labs, classrooms etc., uses of online open resources in teaching, NPTEL video, EDUSAT video
- Planning the academic calendar well in advance by providing enough working days for teaching the curriculum.
- By establishing exam cell to organize examination for a fair assessment on learning.
- By taking students to industrial visits once in a year. Final year students are allowed to do industrial projects/application oriented projects.
- By monitoring the learning process of students through continuous assessment of records and verification of lesson delivery against lesson plan.

- By organizing co-curricular activities the students are exposed to content beyond syllabi. The students are encouraged to participate in project presentations and the institute provides an adequate facility so as to improve the communication skill of the students.

**2.6.4 What are the measures/initiatives taken up by the institution to enhance the social and economic relevance (quality Jobs, entrepreneurship, innovation and research aptitude) of the courses offered?**

- Adequate training to improve the students employability skills through external agencies like Find mind, CLHRD, AXIS V, Beehive, IBM certified courses, EMC square, Infosys Campus connect, Lab View etc.
- Organizing lectures on Entrepreneurship Development.
- Encouraging the students through Innovators club to present innovative ideas and make prototype model of the idea they present.
- Motivating the students to apply for the Student's project scheme, TNSCST, TEXAS, Motorola

**2.6.5 How does the institution collect and analyze data on student learning outcomes and use it for planning and overcoming barriers of learning?**

- Result analysis / Students' feedback and discussions on learning outcomes
- Preparation of a road map for the oncoming semesters based on the discussions

Performance of students in all assessments is an indicator of students' learning outcome. After the announcement of every semester result by the university, a thorough analysis is done. Subjects in which performance needs further improvement, the causes for the same are analyzed and remedial measures are taken. Tutorial classes and expert lectures are arranged for the students and teachers are also given special training programmes like FDP, SDP, PEP etc.

**2.6.6 How does the institution monitor and ensure the achievement of learning outcomes.**

- Through continuous assessment (cycle tests, Improvement tests, assignments)
- Regular monitoring by HoD
- Feedback from students and alumni.
- Class committee meeting reports
- Project reviews and laboratory viva-voce sessions and also in-plant training reports.

**2.6.7 Does the institution and individual teachers use assessment/evaluation as an indicator for evaluating student performance, achievement of learning objectives and planning? If 'yes' provide details on the process and cite a few examples.**

Yes.

In accordance with the learning outcomes, the question papers are set and the answer scripts are evaluated.

- Lesson plan is given at the beginning of the semester.
- Lesson plan presents the pace of covering the syllabus.
- Student performance is monitored carefully.
- Feedback of the students serves as an indicator for achieving the stated objectives.
- The subject knowledge is tested through viva tests in the laboratory.

### CRITERION III: RESEARCH CONSULTANCY AND EXTENSION

#### 3.1 Promotion of Research

##### 3.1.1 Does the institute have recognized research centers of the affiliating University or any other agency/organization? If yes give details on the research centers and the facilities available.

Yes.

There are five Departments recognized as Research Centers by the Anna University, Chennai for collaborative research to offer doctoral program. The following departments are recognized as Research Centers:

- Department of Biotechnology
- Department of Polymer Technology
- Department of Electrical and Electronics Engineering
- Department of Chemistry
- Department of Physics

##### Research Facilities Available:

S.NO	Department	Equipments/software/ Instruments
1.	BT	Weighing Balance
2.		Quick stand ultra filtration system
3.		Photo Bioreactor
4.		BOD Incubator
5.		Orbital shaker incubator
6.		Laboratory shaker
7.		High Performance Liquid Chromatography
8.		Spectrophotometer
9.		BioSuite- A licensed software
10.		Spectrofluorimeter
11.		CO <sub>2</sub> Incubator
12.		Inverted microscope
13.	EEE	Simulation Software -Licensed (PSCAD, CYME, ETAP & Power World Simulator)
14.	PT	Fourier Transform InfraRed Spectrometer
15.		Differential scanning Calorimeter
16.		Thermo gravimetric Analyzer
17.		Gas Chromatography Instrument
18.		UV – Visible Spectrometer
19.	Physics	Ball Mill
20.		Muffle Furnace
21.		Sonicator Water Bath

**3.1.2 Does the Institution have a research committee to monitor and address the issues of research? If so, what is its composition, mention a few recommendations which have been implemented and its impact.**

The institution has a research committee to address the issues relating to research. The committee comprises Principal, Dean, Heads of the Departments and Senior faculty members. The research committee periodically meets, when research proposals and project initiatives are discussed before submission to the funding agencies.

Dr.R.Suresh Babu, Associate Professor/ECE, has been given a sabbatical leave for a period of 2 months to complete his research work based on the recommendations of the research committee.

**3.1.3 What are the measures taken by the Institution to facilitate smooth progress and implementation of research schemes/projects?**

Autonomy to the principal investigator	- Yes
Timely availability or release of resources	- Yes
Adequate infrastructure and human resources	- Yes
Time-off, reduced teaching load, special leave etc. to teachers	- Yes
Support in terms of technology and information needs	- Yes
Facilitation of timely auditing and submission of utilization certificate to the funding authorities	- Yes

The institute always motivates the faculty and students to pursue research. The institution offers full freedom to make them feel comfortable while executing the project. The possible reduction is also done in their teaching load so that they will readily submit the deliverables within the stipulated time.

**3.1.4 What are the efforts made by the institution in developing scientific temper and research culture and aptitude among students?**

The institution supports:

- Appointment of faculty with high academic and research proficiency, which helps in inculcating research culture and aptitude among students.
- Mini-project contests, My Idea Presentation, Technical Contests and Technical Talks through ISTE Student Chapters & Department Associations.
- Value added programmes on recent trends like Automation and Optimization Tools in Bioprocessing and softwares like LabVIEW, Matlab, Scilab and LaTeX etc.
- Extended working hours for the usage of the laboratory.
- Adequate facilities like High Speed Internet facility, Uninterrupted Power Supply, Purchase of High End Equipment and Software, purchase of reference books and e-journals, etc. for doing research projects, whenever the need arises.
- Paper presentations in referred National/International Conferences.
- Successful completion of the Students Projects sanctioned under Student Project Scheme of TNSCST by extending the financial assistance.

- Invited Talks by eminent speakers from IITs, NITs and Scientists from reputed organization to kindle the research interest of students.
- Motivation and guidance to get project funds from government agencies. A few funded projects under Student Project Scheme are listed below:

<b>Title of the Project</b>	<b>Name of the Supervisor</b>	<b>Student Name</b>	<b>Year</b>	<b>Duration of the Years</b>	<b>Amount Rs.</b>	<b>Funding Agencies</b>
Power Utility Management using Smart Meter	Mr.G.Srinivasan/ CSE	M.Aravind - ECE G.Ravichandran T.A.Venkatesh Babu	2012-2013	1	10,000/- Worth components	Texas Instruments
Energy Efficient Adaptive Smart Street Light Solid State lighting system	Mr.G.Srinivasan/ CSE	M.Aravind -ECE G.VinothKumar - ECE PremSasiKumar - CSE SriPadmanaba Swamy –CSE	2012-2013	1	5,000/-	FAER Motorola
Low cost wireless Patient monitoring System for Rural Hospital	Mr.G.Srinivasan/ CSE	M.Aravind -ECE G.VinothKumar- ECE PremSasiKumar – CSE	2012-2014	2	40,000/-	Govt. of Rajasthan & IIT - Jodhpur
ZIGBEE based UV-IR flame detection for security purpose	Mrs.T.Prathiba /ECE  Mr.P.Aravind /ECE	F.Preethi M.Bhuvanamalini I.J.Divya Prasanna	2013-2014	1	10,000/- Worth components	Texas Instruments
Privatised Wireless Speakers (PWS)	Mrs.T.Prathiba /ECE Mr.P.Aravind /ECE	P.Rajan P.Ramadurai J.Sivakrishnan S.Surendran	2013-2014	1	10,000/- Worth components	Texas Instruments
A novel method to Improve the Efficiency of Solar Panel using Fresnel Concentrator	Dr.S.Kalyani /EEE	S.Balamurugan K.Boopathi Raj R.Rakesh M.Mohammed Ali Jeeva	2013-2014	1	7,500	TNSCST
Synthesis and characterizations nano silver end capped diblock copolymer nano micelles	Dr.R. Anbarasan /PT	K. Agathian M. Tech	2012	Six months	6,000	TNSCST, Chennai & KCET

Design and Fabrication of Artificial Bone using Rapid Prototyping	Mr.S.Senthil /Mech.	S,Pradeep Anantha Kumar M.Thamimansari P.Muthupandi	2012-2013	1	5,000	Motorola
Design and Fabrication of Simulated Kidney using Rapid Prototyping	Mr.S.Senthil /Mech.	C.Sabastian Rayon Nixon P.Rajapandi	2013-2014	1	7,500	TNSCST
Hybrid Solar Vertical Axis Helical Wind turbine for Production of Electricity	Dr. P. Manimaran	Kabilan Krishna Kumar Siva Manikandan	2012-2013	1	10,000	TNSCST
A novel way of designing and fabrication of mechanical heart pump	Dr.R. Manikumar	A. Rajeshkannan S. Fhazil Raja P. Mon Vikanth	2012-2013	1	10,000	TNSCST

**3.1.5 Give details of the faculty involvement in active research (Guiding student research, leading Research Projects, engaged in individual/collaborative research activity, etc.)**

- The following faculty members are recognized as Research Supervisors by Anna University, Chennai:

Sl.No.	Name of the Faculty Member	Dept.	Area of Research	No. of Ph.D Research Scholars	
				Full Time	Part Time
1.	Dr. Anant Achary	BT	Biotechnology	4	7
2.	Dr. M.Vasanthi		Herbal Technology, Biochemistry, Protein chemistry.	2	1
3.	Dr. C.T.Vijayakumar	PT	Polymer Chemistry	1	2
4.	Dr. R. Anbarasan		Polymer Chemistry	3	6
5.	Dr. R. Baskaran		Composites	-	2
6.	Dr.A.Asha	Mech.	Optimization, Composite materials	-	4

7.	Dr.S.Kalyani	EEE	Power System	-	4
8.	Dr.S.Jeyadevi		Power System	-	5
9.	Dr. S.Nagalakshmi		Power System	-	1
10.	Dr. D. Prince Winston		Energy Conservation	-	3
11.	Dr.C.Geetha Priya	ECE	Wireless Communication	-	3
12.	Dr.P.Subathra	CSE	Cluster Computing	-	2
13.	Dr.M.Indradevi		DATA mining	-	8
14.	Dr.B.Karthikeyan	Physics	Spectroscopy, Nanomaterials and Astrophysics	1	-
15.	Dr.K.Balachandrakumar		Nanomaterials, Spectroscopy	-	1
16.	Dr.A.Yelilarasi		Nanocomposites Nanomaterials	-	2
17.	Dr.M.Hema		Solid State Ionics	1	-
18.	Dr.T.Dhanalakshmi	Chemistry	Nanomaterials	-	2
19.	Dr. K. Rajakumar		Polymer Chemistry	-	-

- The faculty members also act as principal/co-investigators. Technical research being carried out by the faculty in association with various organizations are listed below:

Faculty Name/ Dept	Duration Year	Title of the project	Name of the funding Agency
	From – To		
Er.V.C.Padmanaban / BT	2013 – On going	Process development of textile dye degradation by wild type and radiation induced mutants.	Department of Atomic energy, BARC- Board of Research in Nuclear Science, Mumbai.
Dr.Anant Achary/BT  <b>Students Name</b> Karthika/BT P.Poorna/BT Chandrika/BT S.Soniya /BT R.Suganya/BT	Feb2013- May 2013 Completed	Cost effective production of Biosurfactant using oil industry effluent and its potential in chromium recovery	Tamilnadu state council for science & Technology, Chennai

Dr.I.Ganesh Moorthy/BT  <b>Students Name</b> K.R. Karthikbabu/BT V.SuryaAathmanathan/BT B.Jeyasuriyan /BT	Feb2013- May 2013 Completed	Eco-friendly biodegradable films derived from Aloe Vera	Tamilnadu state council for science & Technology, Chennai
Mr.S.Manibalan/BT  <b>Students Name</b> V.Durga /BT J.Angel Steffey/BT M.Henna Parveen/BT	Feb2013- May 2013 Completed	Extraction purification of phlorotannins from different species of marine algae and evaluation of its antioxidant and anti- cancer potential	Tamilnadu state council for science & Technology, Chennai
Dr.M.Vasanthi/BT	2012-2013 (Completed)	Modernization and removal of Obsolescence Scheme (MODROBS)	AICTE–All India Council for technical Education, New Delhi
Dr.Anant Achary/BT	4 Years 2007-2011	Production process optimization & characterization of sulfated fucoidas from brown algae that has diverse pharmaceutical potential	Defense Research & Development Organization, Delhi – 110 054
Er.I.Ganesh Moorthy Dr.Anant Achary/BT	2010-2012 (Completed)	Optimization of medium, Process parameters and purification of Alkaline protease from Novel Bacillus species through design of experiments.	AICTE –All India Council for technical Education, New Delhi (Research Promotion Scheme)
Dr. R. Anbarasan/PT Dr. A. Yelli Arasi /Physics	2012-2015	synthesis and Characterizations of superhydrophobic copper and aluminum substrate for optoelectronic applications	Defense Research & Development Organization, Delhi – 110 054
Dr.C.T.Vijaya kumar/PT	2009-2011	Development of Novel High Temperature Resistant Matrix Resins for Aerospace applications	Directorate of Extramural Research & Intellectual Property Rights (ER&IPR), DRDO

Dr. C.T.Vijaya kumar/PT	2011-2014	Development of Electron Beam Curable Resins for Fiber Reinforced Composites	Board of Research in Nuclear Sciences (BRNS)
Dr. R. Anbarasan/PT <b>Student name:</b> K. Agathian /P.G	2011-2012	Synthesis and characterization of silver endcapped diblock copolymer nano miscelles	Tamilnadu state council for science & Technology, Chennai
Dr. R. Anbarasan/PT <b>Student name:</b> Sahana Chella	2012-2013	Synthesis and characterization of drug bridged novel polymer nano particles for cancer treatment	Tamilnadu state council for science & Technology, Chennai
Dr. R. Anbarasan/PT <b>Student name:</b> Divya bharahi K Anitha S	2013-2014	Synthesis of fluorescent schiff base end capped aliphatic poly (ester) for cancer treatment	Tamilnadu state council for science & Technology, Chennai
Mr.S.Senthil/Mech. <b>Students Name</b> C.Sabastian Rayon Nixon and P.Rajapandi	2013-2014	Design and Fabrication of Simulated Kidney using Rapid Prototyping	Tamilnadu state council for science & Technology, Chennai
Dr.S.Kalyani/EEE <b>Students Name</b> S.Balamurugan K.Boopathiraj R.Rakish M.Mohammed ali jeeva	2013-2014	A novel method to Improve the Efficiency of Solar Panel using Fresnel Concentrator	Tamilnadu state council for science & Technology, Chennai
Mrs.T.Meena /Civil <b>Student Name:</b> S.P.Anand P.Periasamy P.Kaliraja R.Mahendran	2013-2014	Study on mechanical properties and behavior of self compacting concrete containing waste material fibers	Tamilnadu state council for science & Technology, Chennai
Mr.R.Arighandran/Civil <b>Student Name:</b> S.M.Bharathi Devi G.Petchiammal M.Usha	2013-2014	Study of interfacial bond behavior of composite road	Tamilnadu state council for science & Technology, Chennai
Dr.P.Kathirvel/Civil <b>Student Name:</b> M.Ghowtham P.Ajithkumar R.Visakan	2013-2014	No cement geo polymer Self Compacting concrete	Tamilnadu State Council for Science and Technology

G.Srinivasan/CSE <b>Student Name:</b> S.Krishnakumar G.Jenarthanan R.Mithun Raj J.Ponkarthick	2011-2012	Low cost air pollution monitoring system using sensor web	Tamilnadu State Council for Science and Technology
G.Srinivasan/CSE <b>Student Name:</b> PremSasiKumar	2012-2013	Energy Efficient Adaptive Smart Street Light Solid State lighting system	FAER MOTOROLA
G.Srinivasan/CSE	2012-2013	Power Utility Management using Smart Meter	Texas Instruments
G.Srinivasan/CSE <b>Student Name:</b> PremSasiKumar	2012-2014	Low cost wireless Patient monitoring System for Rural Hospital	Govt. of Rajasthan & IIT - Jodhpur

**3.1.6 Give details of workshops/ training programmes/ sensitization programmes conducted/organized by the institution with focus on capacity building in terms of research and imbibing research culture among the staff and students.**

Many number of technical programs are conducted in association with leading Industrial organization. The department wise activities for the last five years are given in Criterion III : Annexure – I

**3.1.7 Provide details of prioritized research areas and the expertise available with the institution.**

List of faculty members, their prioritized research areas and the expertise available with the institution:

Sl. No	Name of the Faculty	Dept.	Area of Research	Field of Expertise
1.	Dr. Anant Achary	BT	Bioprocess Technology	Bioprocess engineering and fermentation technology Algal technology and Enzyme Engineering
2.	Dr.M.Vasanthi		Herbal Technology, Protein Chemistry	Herbal technology, Protein Chemistry and engineering, Immunology and Biochemistry
3.	Dr.K.Geetha		Enzymology	Enzyme Technology,

				Nano technology, Genetic Engineering And Environmental Biotechnology.
4.	Dr.R.Shyam Kumar		Microbiology	Microbial technology, Cynaobacterial technology, Bioprocess technology and lichen Technology
5.	Dr.I.Ganesh Moorthy		Bio Chemical Engineering	Biochemical Engg., statistical modeling, Environmental Biotechnology & Chemical Engineering
6.	Dr.R.Lakshmi	Civil	E-Wastes Management and Special Concretes	E-Wastes in Concrete
7.	Dr.L.Noarayanan		Ocean Engineering	Ocean Engineering
8.	Dr.R. Muthuselvi	CSE	Parallel Processing	Multicore, Genetic Algorithm, Operating System
9.	Dr.P.Subathra		Cluster Computing	Network security Cluter computing
10.	Dr.M.Indradevi		DATA mining	WEB mining, Machine learning, Sematic WEB
11.	Dr.M.Sundaram	ECE	Image Processing	Digital Image Processing Medical Image Processing, VLSI
12.	Dr.C.Geetha Priya		Wireless Communication	Digital Communication Techniques, Mobile Communication, Wireless networks
13.	Dr.R.Suresh Babu		Wireless Communication	Wireless networks Signals and systems Digital Signal Processing
14.	Dr.S.Kalyani	EEE	Power Systems	Power System Dynamics and Stability, Application of AI Techniques and Machine Learning Techniques
15.	Dr.S.Jeyadevi		Power Systems	Power System Restructuring, Renewable sources, Application of soft

				computing on power system optimization problems
16.	Dr. S.Nagalakshmi		Power Systems	Power System Restructuring, Soft Computing, Distributed Generation
17.	Dr. D. Prince Winston		Power Electronics	Electrical Energy Conservation, Power Electronics, Drives
18.	Dr.R.Alageswaran	IT	Wireless Sensor Networks	Wireless Sensor Networks
19.	Dr. A. Asha	Mech.	Industrial Engg	Quality & Reliability Optimization
20.	Dr. P. Manimaran		Industrial Engg	Supply Chain management
21.	Dr.K.Kannan		Machine Vision	Machine Vision Digital Image Processing, Robotics
22.	Dr. C. T. Vijaya kumar	PT	Heat resistant polymers	Thermoset resin, Electron beam Curing, Photodegradation of polymers, Flame retardants polymers.
23.	Dr. R. Anbarasan		Nano and Bio Polymers	Conducting polymers, Superhydrophobic polymers, Block Copolymers, Dyes and Drugs.
24.	Dr. R. Baskaran		Composites	Nano Composites, Bio composites
25.	Dr. S. Vinayaga moorthy		Polymer chemistry	Bio Composites, High Performance polymers, Bio resins.
26.	Dr. N. Nambi Krishnan		Membrane technology	Fuel Cells, Synthesis of copolymers, Membrane electrode assembly and testing, ion exchange polymer materials.
27.	Dr.N.Pratheeba	Eng.	ELT, Indian writing in English	ELT, Indian writing in English
28.	Dr.N.Sundararajan		ELT, Indian writing in English	ELT, Indian writing in English
29.	Dr.T. Dhanalakshmi	Chem.	Bioinorganic chemistry	Structural Characterization, metal

				complexes
30.	Dr.K. Rajakumar		Polymer chemistry	Weathering studies of polymers, Nano clays
31.	Dr.K.Balachandra Kumar	Phy.	Astrophysics, Nanophysics	Spectroscopy, Astrophysics, Nanophysics
32.	Dr.M.Hema		Solid State Ionics	Solid State Ionics
33.	Dr.B. Karthikeyan		Spectroscopy, Astrophysics	Spectroscopy, Astrophysics Nanomaterials
34.	Dr.A. Yelilarasi		Nano-Composite Polymers	Nano-Composite Polymers
35.	Dr.K.Thanalakshmi	Mathe matics	Topology	Ideal Topology Soft Topology
36.	Dr.A.Kamatchi		Graph Theory	Graph Labeling Fractional Domination
37.	D.Umadevi		Rough Sets, Lattice Theory, Analysis	Lattice Theory
38.	Dr.A.Maheswari		Graph Theory	Graph Labeling

**3.1.8 Enumerate the efforts of the institute in attracting researchers of eminence to visit the campus and interact with teachers and students?**

- Eminent researchers and scientists are invited to deliver lectures on emerging fields and they interact with teachers and students. For example, scientists from IGCAR visited the campus and delivered lecture on nuclear energy.
- Department Professional associations are always active in organizing the guest lectures and technical symposium throughout the year without affecting the academic schedules. The list of expert speakers in the field of academia and industries are given below:

S.NO.	Dept.	Name of D.C member	Address with Designation
1.	BT	Dr. R. Mala	Assistant Professor, Department of Biotechnology, MEPCO Schlenk Engineering College, Sivakasi
2.		Dr.K. Bala Krishnan	Associate Professor, School of Biological Sciences, Madurai Kamaraj University, Madurai.
3.		Dr.Gowri Priya	Scientist, Department of Immunology and Cell Biology, Aravind Medical research Foundation, Aravind Eye Hospital, Madurai.

4.		Dr.Radha Ramachandran	Assistant Professor, Centre for Biotechnology, Anna University, Chennai.
5.		Dr. B.S. Lakshmi	Associate Professor, Centre for Biotechnology, Anna University, Chennai.
6.		Dr.S.Ramalingam	Associate Professor, Centre for Biotechnology, Anna University, Chennai.
7.		Dr. V.Mohan	Senior Scientist, Forest Pathology lab, Institute of Forest genetics and tree breeding division, Coimbatore.
8.		Dr. Kanaga rajadurai.K	Assistant Professor, Department of Veterinary public health and epidemiology, Veterinary college and Research institute, Tamilnadu veterinary and animal science University, Tirunelveli.
9.		Dr.S.T.Soma Sundaram	Associate Professor, Centre for Advanced studies in Marine Biology, Parangipetai, Annamalai University, Chidambaram.
10.		Dr.S. Meenakshi Sundaram	Professor, Centre for Biotechnology, Anna University, Chennai.
11.		Dr.P.Kali raj	Professor, Centre for Biotechnology, Anna University, Chennai.
12.	EEE	Dr. M.Saravanan	Professor, EEE Department, Thiagarajar College of Engineering and Technology.
13.		Dr. N.Kamaraj	Professor,EEE Department, Thiagarajar College of Engineering and Technology.
14.		Dr.M.P.Selvam	Assistant Professor, EEE Department, NIT Trichy.
15.		Dr. G.Saravana Illango	Assistant Professor, EEE Department, NIT Trichy.
16.		Dr. Ilango	Former Vice Chancellor Bharathiyar University
17.	ECE	Dr.M.S.K.Manikandan	Associate Professor/ECE, Thiagarajar College of Engineering, Madurai.

18.		Dr.A.V.Ramprasad	Professor/ECE & Principal, KLN College of Engineering, Pottapalyam.
19.		Dr.G.Chandrasekar	Director, Department of MCA, Mepco Schlenk Engineering College, Sivakasi.
20.		Dr.Kannan Balasubramanian	Professor/CSE, Mepco Schlenk Engineering College, Sivakasi.
21.		Dr.N.Balaji	Professor & Head/IT, K.L.N College of Engineering, Pottapalayam
22.	Mech.	Dr.T.Ramesh	Assistant Professor, National Institute of Technology, Tiruchirappalli.
23.		Dr.N.Jawahar.	Professor, Thagarajar College of Engineering, Madurai.
24.		Dr.N.Bose	Professor, Mepco Sckhelk Engineering College, Sivakasi.
25.		Dr.T.Prabhakar	Professor, Mepco Sckhelk Engineering College, Sivakasi.
26.		Dr.R.Murali Kannan	Professor, Sethu Institute of Technology, Kariyapatti.
27.	PT	Dr. M.A.Neelakandan	Professor, Department of Chemistry National Engg College, Kovilpatti
28.		Dr. N.Viswanathan	Assistant Professor, Department of Chemistry, Anna university of technology, Dindigul campus, Dindigul
29.		Dr. S.Siva Ilango	Assistant Professor Department of Chemistry Thiyagarajar Engg college, Madurai
30.		Dr. C.Sivakumar	Scientist, Department of EEC CECRI, Karaikudi
31.		Dr. P.Sakthivel	Reader, Department of Nano Technology Center, Alagappa university,Karaikudi
32.		Dr. P.Thillai Arasu	Professor, Department of Chemistry kalasalingam university, krishnankovil
33.		Dr.Ping-Hei Chen	Professor, Department of Mechanical Engg., National Taiwan University
34.	Phy.	Dr.A.Marikani	Professor Mepco Schlenk engineering college, Sivakasi

**3.1.9 What percentage of the faculty has utilized Sabbatical Leave for research activities? How has the provision contributed to improve the quality of research and imbibe research culture on the campus?**

2.6% of the faculty have availed sabbatical/study leave.

List the faculty **who have availed leave to complete their Ph.D**

NAME	Dept.	Duration	Status	Outcome
Mrs.J.Kanimozhi	BT	3 years	Pursuing	-
Dr. R.Suresh Babu	ECE	2 Months	Completed	• Publication in Journal & conference
Dr. B. Vijayakumari	ECE	3 Years	Completed	• Publication in Journal & conference
Mrs. Gowri	ECE	3 Years	Pursuing	-
Dr. S.Nagalakshmi	EEE	6 Months	Completed	• Recognized Research Supervisor for AU Chennai • Publication in Journal & conference
Dr.S.Senthil	Mech.	5 Months	Completed	• Publication in Journal & conference

List the faculty **who have availed leave to complete their Young Scientist fellowship award:**

NAME	Dept	Duration	Status	Outcome
B.Rengesh	BT	3 months (2014)	Completed	
S.Mariaamalraj	BT	3 months (2013)	Completed	
Mr.S.Karthikumar	BT	3 months (2011)	Completed	
I. Ganesh Moorthy	BT	3 months (2010)	Completed	• Publication in Journal & conference
Dr.R.Manikumar	Mech.	3 months (2012)	Completed	• Publication in Journal & conf. • Completed Ph.D
M. Jeya Priya	PT	2 months (2014)	Completed	• Publication in Journal & conf.
S. Kailash	PT	2 months (2013)	Completed	• Publication in Journal & conf.

- Their experiences on research help us to improve the quality of research on the campus and motivate young minds to take up innovative research projects.
- In-house projects are also encouraged to imbibe research culture among the students in the campus.

**3.1.10. Provide details of the initiatives taken up by the institution in creating awareness /advocating/transfer of relative findings of research of the institution and elsewhere to students and community (lab to land)**

- During the laboratory classes, students are exposed to new experiments and advanced equipment beyond the prescribed syllabus for improving their knowledge.
- Students are made aware of the importance of patents.
- The relative findings of research are voiced through journal publications, presentations in conferences and seminars and in public forums.
- There is a plan to bring out an institutional research journal in the near future in Engineering, Science and Technology.
- Student best projects are telecast in media and also published in news paper. For example,

S.No.	Project Title	Dept.	Staff Name	Student Name	Academic Year	Details
1	Solar – Assisted Hybrid Bike	Mech.	Dr.R.Manikumar	K. Abdur Rahmaan Siddik P. Saran Raj M. Bharathi Raja	2013-14	*Telecast in Jaya TV *Published in News paper

**3.2 Research Facilities and Resource Mobilization**

**3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization.**

Percentage of the total budget earmarked for research is 3%. The table given below furnishes the total department budget and actual utilization for R & D:

Academic Year	Total Dept. Budget	Budget provision for R & D	Utilization of Actual R & D budget
2013-2014	1,04,35,000.00	-	1,56,433.00
2012-2013	1,02,52,000.00	5,00,000.00	3,25,477.50
2011-2012	2,57,94,000.00	-	3,15,296.00
2010-2011	1,35,35,000.00	20,00,000.00	93,786.00
2009-2010	85,55,000.00	5,00,000.00	90,243.00

**3.2.2 Is there a provision in the institution to provide seed money to faculty for research? If so, specify the amount disbursed and the percentage of the faculty who has availed the facility in the last four years?**

NO. However, if needed, the institution extends financial support to the faculty for completing their research work.

- An amount of Rs. 2,80,739/- was provided to complete the project titled Bulk Synthesis of Nano TiO<sub>2</sub>, SiO<sub>2</sub> and MgO for Defence Applications to Dr.A.Yelilarasi M.Sc., M.Phil., Ph. D. and Dr.M.Hema M.Sc., Ph. D. – Department of Physics.

**3.2.3 What are the financial provisions made available for supporting student research projects?**

- Labs, library and internet facilities are made available for student's research projects.
- When the students come out with innovative projects or to attend conferences, the college gives adequate financial support. A few examples are tabulated below:

S.No.	Student's Name	Project Name	Year	Amount (Rs)
1	S.Krishnakumar/CSE G.Jenarthanan/CSE R.MithunRaj/CSE J.Ponkarthick/CSE	Low cost air pollution monitoring system using sensor web	2011	24,000.00
2	M.Suresh Raja/CSE A.Sudarshan/EEE S.I.Vignesh/ECE	To design digital notice board	2014	50,000.00
3	S,Pradeep Anantha Kumar/Mech. M.Thamimansari/Mech. P.Muthupandi/Mech.	Design and Fabrication of Artificial Bone using Rapid Prototyping	2013	4000.00

- Rs.15,000/- was given to students through Innovators club to design a ROBOT for Marchpast, remote controlled balloon and water rocket on sports day.

**3.2.4 How does the various departments/units/staff of the institute interact in undertaking inter-disciplinary research? Cite examples of successful endeavors and challenges faced in organizing interdisciplinary research.**

- Discussion in Research Committee meetings
- Through the inter department interaction
- Research interest of individual staff member
- Students committee interest

**Examples:****Funded Projects:**

1. Title of the Project: Synthesis and characterization of super hydrophobic copper and Aluminum substrates for optoelectronics applications

Dept Names: PT & Physics

Faculty Names: Dr. R. Anbarasan, Prof./PT & Dr. A. Yelli Arasi, Asso. Prof./Physics

Funding Agency : DRDO Amount: 50,87,000/-

**Conference / Journal Publications:**

S.NO	Authors Name	Nat./Int.	Journal/Conf. Name	Title of the paper	Vol.	Page	Year
1	S.Karthikumar V.Ragavanandham S.Kanagaraj Dr.R.Manikumar/Mech. Dr.A.Asha/Mech. Dr.Anant Achary/BT	Int.	Advanced Materials research	Preparation, characterization and engine performance characteristics of used cooking sunflower oil based bio-fuels for diesel engine	984-985	913-923	2014
2	P. Gayathri/EEE M.Seethalakshmi/EEE B.Mahalakshmi/EEE  Dr.S.Jeyadevi/EEE Dr.R.Manikumar/Mech.	Int.	Int. Conf. on Computing, Communication and Networking Technology	Optimizing Solar Air Heater using DE	-	-	2012
3	A.Kumaravel T.Nagarajan S.S.Saravanakumar/Mech. Dr.I. Ganesh Moorthy/BT	Int.	International Journal of Polymer Analysis Characterization	Effect of Chemical Treatments of Physicochemical Properties of Prosopis juliflora Fibers	19	383-390	2014
4	A.Kumaravel T.Nagarajan S.S.Saravanakumar/Mech. Dr.I. Ganesh Moorthy/BT	Int.	International Journal of Polymer Analysis Characterization	Investigation of Physico-Chemical Properties of Alkali-Treated Prosopis juliflora Fibers	19	309-317	2014
5	A.Kumaravel T.Nagarajan P.Sudhakar/CSE S.S.Saravanakumar/Mech. Dr.R.Baskaran/PT	Int.	Carbohydrate Polymers	Characterization of a novel natural cellulosic fiber from Prosopis Juliflora bark	92	1928-1933	2013

**3.2.5 How does the institution ensure optimal use of various equipment and research facilities of the institution by its staff and students?**

- The laboratory and library facilities available in the campus can be utilized by the staff and students involved in research with no time restriction.
- Log books are also available to record the usage.
- All equipment existing in the labs are accessible to both students and staff members.

**3.2.6 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facility? If 'yes' give details.**

Yes. Our college has received grants from many organizations for creating research facility. The details are given below,

S.No	Project Title	Faculty Name/ Dept	Funding agency	Years	Amount
1	Development of Intumescent Polymers for extinguishing Sodium Fire	Dr.C.T.Vijayakumar/ PT	Indira Gandhi Centre For Atomic Research, Kalpakkam- 603	1 <sup>1/2</sup> Year, 2007-2009	9,56,000
2	Production process optimization and characterization of sulfated fucoidas from brown algae that has diverse pharmaceutical potential	Dr.Anant Achary/BT	DRDO	4 Years 2007-2011	8,38,000
3	Development of Novel High Temperature Resistant Matrix Resins for Aerospace appln.	Dr. C.T. Vijayakumar/PT	Defence Research & Development Organization, Ministry of Defence, Delhi – 110 054:	3 Years, 2009 – 2012	18,28,000
4	Development of Electron Beam Curable resins for fibre reinforce composites	Dr. C.T. Vijayakumar/PT	Department of Atomic Energy, Board of Research in Nuclear Science(BRNS)	3 years, 2010-2013	23,63,650
5	Synthesis and Characterizations of superhydrophobic copper and aluminum substrate for optoelectronic applications	Dr. R. Anbarasan/PT Dr. A. Yelli Arasi/Physics	Defense Research & Development Organization, Delhi – 110 054	3 years, 2012 - 2015	50,86,000
6	Optimization of medium, Process parameters and	Dr.I.Ganesh Moorthy /BT	AICTE (RPS)	2 yrs 2010-2012	2,50,000

	purification of Alkaline protease from Novel Bacillus species through design of experiments.	Dr.Anant Achary/BT			
7	Modernization and removal of Obsolescence Scheme (MODROBS)	Dr.M.Vasanthi/BT	AICTE– New Delhi	1 yr 2012-2013 (Completed)	12,00,000
8	Process development of textile dye degradation by wild type and radiation induced mutants	Er.V.C.Padmanaban /BT	Department of Atomic energy, BARC- Board of Research in Nuclear Science, Mumbai	2013 – On going	14,50,000

**3.2.7 Enumerate the support provided to the faculty in securing research funds from various funding agencies, industry and other organisations. Provide details of ongoing and completed projects and grants received during the last four years.**

- Information about the submission of proposal is circulated among all faculty.
- Recommending the faculty for training and attending workshops and conferences in the emerging areas in which project proposals are to be taken up.
- On duty is provided for industrial visit.
- Administrative support is extended in procurement, servicing and UC submission for the funds received.
- Laboratories in various departments are well equipped with advanced equipment and software to support research and consultancy work.

**Details of funds received:**

Nature of the Project	Faculty Name/ Dept	Duration Year	Title of the project	Name of the funding Agency	Total grant (Rupees in lakhs)	
		From – To			Sanctioned	Received
Major	Er.V.C.Padmanaban / BT	2013 – On going	Process development of textile dye degradation by wild type and radiation induced mutants.	Department of Atomic energy, BARC- Board of Research in Nuclear Science, Mumbai.	14. 5	-
Minor	Dr.Anant Achary/BT <b>Students Name</b> Karthika/BT P.Poorna/BT Chandrika/BT S.Soniya /BT	Feb2013- May 2013 Completed	Cost effective production of Biosurfactant using oil industry effluent and its potential in	Tamilnadu state council for science & Technology, Chennai	0.05	0.05

	R.Suganya/BT		chromium recovery			
Minor	Dr.I.Ganesh Moorthy/BT <b>Students Name</b> K.R. Karthikbabu/BT V.SuryaAathmanathan /BT B.Jeyasuriyan /BT	Feb2013-May 2013 Completed	Eco-friendly biodegradable films derived from Aloe Vera	Tamilnadu state council for science & Technology, Chennai	0.05	0.05
Minor	Mr.S.Manibalan/BT <b>Students Name</b> V.Durga /BT J.Angel Steffey/BT M.Henna Parveen/BT	Feb2013-May 2013 Completed	Extraction purification of phlorotannins from different species of marine algae and evaluation of its antioxidant and anti-cancer potential	Tamilnadu state council for science & Technology, Chennai	0.1	0.1
Major	Dr.M.Vasanthi/BT	2012-2013 (Completed)	Modernization and removal of Obsolescence Scheme (MODROBS)	AICTE–All India Council for technical Education, New Delhi	12	12
Major	Dr.Anant Achary/BT	4 Years 2007-2011	Production process optimization & characterization of sulfated fucoidas from brown algae that has diverse pharmaceutical potential	Defense Research & Development Organization, Delhi – 110 054	8.38	8.38
Minor	Er.I.Ganesh Moorthy Dr.Anant Achary/BT	2010-2012 (Completed)	Optimization of medium, Process parameters and purification of Alkaline protease from Novel Bacillus species through design of experiments.	AICTE –All India Council for technical Education, New Delhi (Research Promotion Scheme)	2.5	2.5

Major	Dr. R. Anbarasan/PT Dr. A. Yelli Arasi /Physics	2012-2015	synthesis and Characterizations of superhydrophobic copper and aluminum substrate for optoelectronic applications	Defense Research & Development Organization, Delhi – 110 054	50. 86	38. 56
Major	Dr.C.T.Vijaya kumar/PT	2009-2011	Development of Novel High Temperature Resistant Matrix Resins for Aerospace applications	Directorate of Extramural Research & Intellectual Property Rights (ER&IPR), DRDO	18.28	18.28
Major	Dr. C.T.Vijaya kumar/PT	2011-2014	Development of Electron Beam Curable Resins for Fiber Reinforced Composites	Board of Research in Nuclear Sciences (BRNS)	21.63	21.63
Minor	Dr. R. Anbarasan/PT  <b>Student name:</b> K. Agathian /P.G	2011-2012	Synthesis and characterization of silver endcapped diblock copolymer nano miscelles	Tamilnadu state council for science & Technology, Chennai	0.06	0.06
Minor	Dr. R. Anbarasan/PT  <b>Student name:</b> Sahana Chella	2012-2013	Synthesis and characterization of drug bridged novel polymer nano particles for cancer treatment	Tamilnadu state council for science & Technology, Chennai	0.1	0.1
Minor	Dr. R. Anbarasan/PT  <b>Student name:</b> Divya bharahi K Anitha S	2013-2014	Synthesis of fluorescent schiff base end capped aliphatic poly (ester) for cancer treatment	Tamilnadu state council for science & Technology, Chennai	0.075	0.075
Minor	Mr.S.Senthil/Mech. <b>Students Name</b> C.Sabastian Rayon	2013-2014	Design and Fabrication of Simulated Kidney	Tamilnadu state council for science &	0.075	0.075

	Nixon and P.Rajapandi		using Rapid Prototyping	Technology, Chennai		
Minor	Dr.S.Kalyani/EEE <b>Students Name</b> S.Balamurugan K.Boopathiraj R.Rakish M.Mohammed ali jeeva	2013-2014	A novel method to Improve the Efficiency of Solar Panel using Fresnel Concentrator	Tamilnadu state council for science & Technology, Chennai	0.075	0.075
Minor	Mrs.T.Meena /Civil <b>Student Name:</b> S.P.Anand P.Periasamy P.Kaliraja R.Mahendran	2013-2014	Study on mechanical properties and behavior of self compacting concrete containing waste material fibers	Tamilnadu state council for science & Technology, Chennai	0.1	0.1
Minor	Mr.R.Arighandran/Civil <b>Student Name:</b> S.M.Bharathi Devi G.Petchiammal M.Usha	2013-2014	Study of interfacial bond behavior of composite road	Tamilnadu state council for science & Technology, Chennai	0.1	0.1
Minor	Dr.P.Kathirvel/Civil <b>Student Name:</b> M.Ghowtham P.Ajithkumar R.Visakan	2013-2014	No cement geo polymer Self Compacting concrete	Tamilnadu State Council for Science and Technology	0.075	0.075
Minor	G.Srinivasan/CSE <b>Student Name:</b> S.Krishnakumar G.Jenarthanan R.Mithun Raj J.Ponkarthick	2011-2012	Low cost air pollution monitoring system using sensor web	Tamilnadu State Council for Science and Technology	0.06	0.06
Minor	G.Srinivasan/CSE <b>Student Name:</b> PremSasiKumar	2012-2013	Energy Efficient Adaptive Smart Street Light Solid State lighting system	FAER MOTOROLA	0.05	0.05
Minor	G.Srinivasan/CSE	2012-2013	Power Utility Management using Smart Meter	Texas Instruments	0.2	0.2 (Development Kit Material)

Minor	G.Srinivasan/CSE  <b>Student Name:</b> PremSasiKumar	2012-2014	Low cost wireless Patient monitoring System for Rural Hospital	Govt. of Rajasthan & IIT - Jodhpur	0.4	0.4
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### 3.3 Research Facilities

#### 3.3.1 What are the research facilities available to the students and research scholars within the campus?

- The library has a digital section, E-journal subscription and more number of back volumes. Round the clock serving to all the students and research scholars to make use of the library facilities.
- E-Journals can be accessed from anyplace in the campus.
- 45 Mbps internet connectivity and Wi – Fi facility are available throughout the campus.
- License software and high end computer systems are provided within the campus.
- The laboratory and library facilities available in the campus can be utilized by the staff and students involved in research. Some of the facilities available are given below:

Sl. No.	Department	Equipment / spares & accessories / chemicals
1.	BT	2 D gel electrophoresis
2.		Quick stand ultra filtration system
3.		Photo Bioreactor
4.		Continuous stirred tank reactors
5.		BOD Incubator
6.		Orbital shaker incubator
7.		Laboratory shaker
8.		HPLC
9.		Spectrophotometer
10.		BioSuite- A licenced software
11.		Spectrofluorimeter
12.		CO <sub>2</sub> Incubator
13.		Inverted microscope
14.	Civil	Lateral loading frame
15.		Beam –column testing
16.		Real line structural Models
17.		UTM UPGRADATION

18.	ECE	MATLAB , VLSI Xilinx 14.1 software, Keil software
19.		Analog VLSI design software – Tanner.
20.		Spartran3E Kit - 8 Embedded PIC 16F877 - 4
21.		Firebird V Robotic kit
22.		RF Power meter
23.	EEE	Simulation Softwares (PS CAD, CYME, ETAP & Power World Simulator)
24.	EIE	Digital storage oscilloscope
25.		Microcontroller downloading kit
26.		Analog & digital IC tester
27.		NI LabVIEW Software & Accessories
28.		VEF-ISE SYSTEM-25 USER XILINX-SYSTEM EDITION
29.	Mech.	Digital Thickness Meter
30.		NASTRAN, Solid Works, NX-CAD
31.	PT	FTIR
32.		Differential scanning Calorimeter
33.		Thermo gravimetric Analysis
34.		Gas Chromatography
35.		UV – visible Spectroscopy
36.	Phy.	Sonicator water bath

### 3.3.2 What are the institutional strategies for planning, upgrading and creating infrastructural facilities to meet the needs of researchers especially in the new and emerging areas of research?

- The Budget preparation of each year towards research
- Plan to establish center of excellence
- Identification of the emerging area through the Industry Institute Interaction (III) cell
- Collaboration with industry for research
- Encouraging the faculty to apply for proposals to the funding agency like AICTE through the various schemes like MODOROB, RPS mainly to establish research facilities.
- The purchase of advanced software, modeling tools, and modern equipment every year for upgrading and creating the research infrastructural facilities to meet the needs of new and emerging areas of research
- The procurement of new equipment continuously to meet the increased strength of students by the management.
- Strengthening Industry Institute Interaction MOU's with reputed organization. For

example, MOU with IBM for three specialty labs.

- Cloud computing
- Mobility
- Cyber Security

MoU'S with National Aerospace laboratories – Bangalore – for Student projects

- Creating research centers in each department.

**3.3.3 Has the institution received any special grants or finances from the industry or other beneficiary agency for developing research facilities?? If 'yes', what are the instruments/ facilities created during the last four years**

Yes. The instruments purchased by special grants are tabulated below.

**DETAILS OF EQUIPEMENT PURCHASED FOR R& D**

Sl. No.	Department	Equipment / spares & accessories / Chemicals	Funding Agency
1.	BT	Weighing Balance	BARC-BRNS
2.		BOD Incubator	BARC-BRNS
3.		Orbital shaker incubator	BARC-BRNS
4.		Bench-Top centrifuge	BARC-BRNS
5.		Quick stand ultra filtration system	MODROBS
6.		Photo Bioreactor	DRDO
7.		Spectrofluorimeter	MODROBS
8.		Laboratory shaker	AICTE-RPS
9.		Foam fractionation column	AICTE-RPS
10.	PT	Differential Scanning Calorimeter	DRDO
11.		Thermo gravimetric Analysis	DRDO
12.		Gas Chromatography	BRNS
13.		UV – visible Spectroscopy	DRDO
14.	Physics	Ball Mill	DRDO
15.		Muffle furnace	DRDO

### 3.3.4 What are the research facilities made available to the students research scholars outside the campus / other research laboratories?

- Research scholars registered for Ph.D programme are permitted to access all research facilities.
- Research candidates are allowed to do their course work.
- Students and research scholars are allowed to take hardware. (For example, DAC card to their home in order to complete their projects)

### 3.3.5 Provide details on the library/ information resource centre or any other facilities available specifically for the researchers?

The college subscribes e-journal packages. The packages cover journals with multiple accesses and download facility for all faculty, students and researchers. Considering the importance given for R&D in our campus, all faculty and staff members utilize this facility to come up with constructive outcomes in terms of publication, funded projects, consultancy and innovative products and solutions.

DELNET facility is available for participation in resource sharing. The readers can search for the availability of books and journals using the OPAC module.

The list of e-journals offered by each publisher is attached for ready reference.

S.No	Name of the E-Journal	Web Sites
1	IEEE	<a href="http://ieee.org/ieeexplore">http://ieee.org/ieeexplore</a>
2	ASME	<a href="http://asmelibrary.org">http://asmelibrary.org</a>
3	Elsevier-Science Direct Biotechnology – 70 Journals	<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>
4	ASCE – American Society of Civil Engineers	<a href="http://ascelibrary.org">http://ascelibrary.org</a>
5	Elsevier (Science Direct)- Engineering Computer Science	<a href="http://www.sciencedirect.com">http://www.sciencedirect.com</a>
6	Wiley Blackwell	<a href="http://www.wileyblackwell.com">http://www.wileyblackwell.com</a>
7	ASTM Standards	<a href="http://enterprise.astm.org">http://enterprise.astm.org</a>
8	McGraw Hill – Access Engineering	<a href="http://2.accessengineeringlibrary.com">http://2.accessengineeringlibrary.com</a>
9	J-GATE- Engineering & Technology	<a href="http://www.jgate.in">http://www.jgate.in</a>

The total number of volumes and online journals are shown in the table below:

S.NO.	Library resources	Availability in numbers
1	International Journals	115
2	National Journals	154
3	Back Volume	3449

The list of journals (hard copy) for each department is given in Criterion III: Annexure II

**3.3.6 What are the collaborative research facilities developed / created by the research institutes in the college? For ex. Laboratories, library, instruments, computers, new technology etc.**

- MODROBS: Modernization of labs in Bio technology department.
- Details of Instruments used for Research.

Sl. No.	Department	Equipment / spares & accessories / Chemicals	Funding Agency
1.	BT	Weighing Balance	BARC-BRNS
2.		BOD Incubator	BARC-BRNS
3.		Orbital shaker incubator	BARC-BRNS
4.		Bench-Top centrifuge	BARC-BRNS
5.		Quick stand ultra filtration system	MODROBS
6.		Photo Bioreactor	DRDO
7.		Spectrofluorimeter	MODROBS
8.		Laboratory shaker	AICTE-RPS
9.		Foam fractionation column	AICTE-RPS
10.	PT	Differential Scanning Calorimeter	DRDO
11.		Thermo gravimetric Analysis	DRDO
12.		Gas Chromatography	BRNS
13.		UV – visible Spectroscopy	DRDO
14.	Physics	Ball Mill	DRDO
15.		Muffle furnace	DRDO

### 3.4 Research Publications and Awards

**3.4.1 Highlight the major research achievements of the staff and students in terms of Patents obtained and filed (process and product) Original research contributing to product improvement Research studies or surveys benefiting the community or improving the services or Research inputs contributing to new initiatives and social development**

S. No.	Patent details	Names of Inventors	Date of application for patent	Status of the patent
1	A mechanical heart pump machine	R.Mani kumar(Mech) Dr.A.Asha(Mech) <b>Student Name</b> A Rajeshkannan S Fhazil Raja P Mon Vikanth	06.03.2013	Application is accepted (No: 4630 /CHE/ 2013)
2	An alkaline protease enzyme purifying, recovering apparatus and process	Dr.I.Ganeshmoorthy(Biotech.) Dr. Anant Achary (Biotech.)	03.01.2014	Application is accepted (No: 18/CHE/2014)

**3.4.2 Does the Institute publish or partner in publication of research journal(s)? If 'yes', indicate the composition of the editorial board, publication policies and whether such publication is listed in any international database?**  
NO.

**3.4.3 Give details of publications by the faculty and students:**

S.NO	Dept.	Number of papers published by faculty & students	Chapter in books	Books edited
1	BT	58	01	-
2	CIVIL	24	-	-
3	CSE	55	-	-
4	EEE	112	-	-
5	ECE	99	-	-
6	EIE	04	-	-
7	IT	26	-	-
8	MECH	29	-	-
9	PT	102	-	-
10	Physics	63	-	-
11	Chem.	23	-	-
12	Maths	12	-	-
13	English	28	-	-

Criterion III : Annexure III gives the publication details of our students and faculty members.

**3.4.4 Provide details (if any) of research awards received by the faculty recognition received by the faculty from reputed professional bodies and agencies, nationally and internationally**

<b>S.No</b>	<b>Name of the Faculty/Dept.</b>	<b>Awards</b>	<b>Awarded by</b>	<b>Date, Month &amp; year</b>
1	Er.B.Rengesh/BT	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	April 2014
2	Er.S.Mariaamalraj/BT	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	April 2013
3	R.Manikumar/Mech.	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	2012
4	Dr.Anant Achary/BT	Rashtriya Vidya Gaurav - Gold medal award	Indian Solidarity Council	Apr 2013
5	Dr.Anant Achary/BT	Rashtriya Vidya Saraswati Puraskar - Gold medal award	Int. Institute of Education & Management	Apr 2013
6	Mr.S.Karthikumar/BT	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	Jan 2011
7	Er.I. Ganesh Moorthy/BT	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	Feb 2010
8	Ms. M. Jeyapriya	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	April 2014
9	Mr. S. kailash	Young Scientist Fellowship	TNSCST – Tamilnadu State Council for Science and Technology	April 2013
10	Dr. R. Baskaran/PT	PLASTICON AWARD'2012	Plast India Foundation, Mumbai	2012
11	Mr. S. Gandhi	PLASTICON AWARD'2012	Plast India Foundation, Mumbai	2012

### **3.5 Consultancy**

#### **3.5.1 Give details on the systems and strategies for establishing institute-industry interface?**

- The assistance of Institute Industry Interaction cell to the department in establishing contacts with industries and organizing visits to the industries.
- Institute-industry interface extended service through our alumni working in many reputed companies.
- The coordination with industries for establishing center of excellence.
- Encouraging faculty to use their expertise in solving the problems, identified during their industrial visit.
- Arranging experts from industry to visit institution to deliver lectures.
- Organizing industrial visit to faculty members and students.
- Arranging internship training programmes for students
- Signing Memoranda of Understanding between the institute and industries.

#### **3.5.2 What is the stated policy of the institute to promote consultancy? How is the available expertise advocated and publicized?**

- Consultancy work is allowed to be carried out in house with the available equipment in the department.
- Major areas of expertise are advertised through homepage in college website, college prospectus and brochures and through personal contacts of the experts.
- Guest lecturers are arranged to promote consultancy services
- Industrial visits organized for faculty. Industrial problems are always solicited to provide solution through expertise of faculty members.
- Relevant industries are connected through MoUs.

#### **3.5.3 How does the institution encourage the staff to utilize their expertise and available facilities for consultancy services?**

- Encourages the faculty to visit the industries and supervise the project work carried out by the students in industries.
- Allows consultancy works to be carried out in house with the available equipment in the department.
- Gives incentives to Principal investigator from the fund generated through consultancy

#### **3.5.4 List the broad areas and major consultancy services provided by the institution and the revenue generated during the last four years**

##### **Broad Areas**

- Material testing
- Automation

The revenue generated through consultancy work is listed below:

S.No	Department	Name of the industry	Date	Revenue (Rs)
1	EIE	PAPRIKA OLEO'S (INDIA) LIMITED	12.04.2014	14,600.00
2	Mech.	Paprika Oleos India (P) Ltd., Virudhunagar	28.02.2014 03.03.2014	9000.00
3		Paprika Oleos India (P) Ltd., Virudhunagar	14.08.2014	1500.00
4	Polymer	A Balan, Factory Manager, Global poly bags	22.09.2011	800.00
5		A Balan, Factory Manager, Global poly bags	23.09.2011	200.00
6		V Karthikeyan, alliance tyres, tirunelveli	14.03.2012	1300.00
7		Mr.B.Rajkumar (QA) M/s Monarch industrial product private limited, theni -625531	14.02.2013	500.00
8		M/s Global poly bags private limited, Virudhunagar	3.05.2013	3000.00

**3.5.5 What is the policy of the institute in sharing the income generated through consultancy (staff involved: Institution) and its use for institutional development?**

There is a provision to give a part of the revenue generated to the faculty involved and retain a portion for the development of the process/facility.

**3.6 Extension Activities and Institutional Social Responsibility (ISR)**

**3.6.1 How does the institution promote institution-neighborhood-community network and student engagement, contributing to good citizenship, service orientation and holistic development of students?**

- The institution promotes interaction of the students with the neighbourhood and community by encouraging them to be active members of clubs like NSS, NCC, Rotaract, Youth Red Cross, Red Ribbon Club etc.
- These clubs have planned and organized several activities which sensitize the students about the societal issues and how they could address them. The students are motivated to involve right from the first year in such kind of club activities. Students engage themselves right from the planning of the event and they meticulously execute the plan under the guidance of the faculty member who acts as the club incharge.
- Through NSS, NCC, YRC and Rotaract Club, several programmes are organized every year. The type of programmes organized are as follows:
- Awareness programme on Road Safety, Benefits of Yoga, Prevention of Dengue fever, Importance of nuclear energy, environment protection, cancer, need for donation of human organs, eye donation, fire safety and fire fighting mechanisms.
- Competitions (like Drawing, Oratorical, Essay Writing, Slogan Writing, Poster Design, Skit, Rangoli, cross word puzzles) are conducted through which the students can communicate their perceptions and solutions on societal problems like Water Conservation, Energy Conservation, AIDS, Relevance of Swami Vivekananda's Thoughts

on Education in today's context, Vivkananda's Message to Youth, Relevance of Non Violence and Mahatma Gandhi's Ideologies.

- Group Discussions on Women's Empowerment and Protection
- Guest Lectures on Energy Saving, Cleanliness, Research perspectives in Engineering, power and Energy Scenario of the nation and the need to conserve energy.
- The students of these clubs also involve the entire college in taking oaths on important issues. They have taken oaths on Anti Dowry, Anti Corruption and have pledged to maintain National Integrity.
- Training Programmes - The students participate and conduct various training programmes. Some of the topics include- Computer – Hardware and Software training, Science Awareness programmes to School Students. Students of various clubs have participated in personality development programmes and home appliance servicing training.
- The students not only participate in awareness creation programmes and competitions, they also conduct such events to the schools located in nearby villages. They organize health check up camps, eye donation camps involving the villagers in the neighborhood.
- The clubs also celebrate days of National importance like Independence Day, Republic Day, Martyr's Day, Teacher's Day, Sadhbhavana Day, Blood Donor's Day, Kamarajar's Birthday and Swami Vivekananda's 150<sup>th</sup> Anniversary.
- The clubs are actively involved in Contributions to associations, schools, blood banks in cash or kind. Water filters and Audio Systems have been donated to the nearby schools, Fund to Indian Association for Blind, Flag Day Fund and Medical Emergency fund for students and kith and kin of students.
- The various clubs periodically organize Blood Donation Camps and our college has received several appreciations and awards for actively involving in Blood Donation.

### **3.6.2 What is the Institutional mechanism to track students' involvement in various social movements / activities which promote citizenship roles?**

- The institution has its own NCC wing under the control of 28 Tamilnadu battalion, Army wing. Every year 52 students enroll their names and undergo rigorous training such as weapon handling, firing, drill, map reading, camouflage and concealment. In appreciation of our NCC cadet's performances, Gold medal has been awarded for Best outstanding NCC cadet.
- The college NSS unit is affiliated to the NSS unit of Anna University, Chennai which is under Tamilnadu NSS Cell. 100 volunteers are involved in the NSS programme out of which 50 students are from the first year.
- Every student signs an affidavit and shows his/her commitment towards the antiragging policy to be followed in educational institutions.

### **3.6.3 How does the institution solicit stakeholder perception on the overall performance and quality of the institution?**

The stakeholder's perception on the overall performance and quality of the institution is through feedback obtained from the students, parents, alumni, employee,

inspection committees, visitor's comments, accreditation committees and through meetings with them.

**3.6.4 How does the institution plan and organize its extension and outreach Programmes? Providing the budgetary details for last four years, list the major Extension and outreach programmes their impact on the overall development of students.**

The institution is continuously organizing a number of activities which is directly connected with students academic, social, cultural, community services etc.,

- Institution bears the expenditure for the local and national participations.
- The best students are recognized during college day functions.
- A team of dedicated faculty is allowed to guide, organize and help in camps, awareness programmes etc.,
- Contribution to extension services is also a parameter considered for the best outgoing student award.

Budget details for community services :

S.No	Year	Amount spent (Rs.)
1	2013-14	1,31,710.50
2	2012-13	72,010.50
3	2011-12	2,25,533.00
4	2010-11	55,818.00
5	2009-10	71,666.93

**3.6.5 How does the institution promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?**

- The institute encourages the students to take part in various activities within the campus and outside.
- First year students are encouraged to join in any one of the club activities.
- Special appreciation certificate is issued to the students participated in various extension activities.
- On duty provision is given to students who involved in extension activities.
- Teachers are encouraged to undertake extension activities based on their interests and passion.
- Teachers assist students to organize the extension activities.

**3.6.6 Give details on social surveys, research or extension work (if any) undertaken by the college to ensure social justice and empower students from under-privileged and vulnerable sections of society?**

- Computer Hardware and Software training program was conducted by NSS for vellakulam Govt. Hr. Sec. School in our college premises.

- An eye check up camp and eye donation awareness camp was organized by the YRC club.
- NSS and YRC units of KCET have conducted awareness programmes on health and hygiene, environmental protection etc.,
- The NSS and YRC have conducted several blood donation camps and tree plantations.
- Our college NCC organized a marathon named “Kamaraj Greenathon” to create awareness among village people about environmental awareness.
- NCC society of the college conducted many programmes for people in orphanages like awareness on basic maths & grammar, trained them in art & craft works and basic drill commands and taking tuition for the +1 and +2 students.

**3.6.7 Reflecting on objectives and expected outcomes of the extension activities organized by the institution, comment on how they complement students’ academic learning experience and specify the values and skills inculcated.**

Along with academic excellence, we have laid emphasis on the overall development of students which is possible through the extension activities. The institute aims to mold the students into responsible citizens of the country by conducting awareness program on social issues. The objective of the extension activities is to develop the overall personality of the students. A conscious effort has been made to link the extension activities to complement student’s academic learning.

**Expected Outcome**

- Are made to be aware of the present scenario and the threats prevalent in the society.
- Are enabled to understand the importance of their social responsibility and involve themselves with utmost sincerity in the activities organized by the clubs.
- Are motivated to apply their knowledge and technical skills in addressing the social issues.
- Are encouraged to avail the opportunities to practice and demonstrate leadership qualities, commitment, hard work, discipline and be more self organized.
- Are capable to develop life skill which in turn helps in their holistic development.
- Are moulded to become better citizens to create a better tomorrow.
- Are provided with an experiential learning that true happiness lies in serving others, following the value of life, encouraging the joy of sharing, developing a positive attitude and offering service through leadership.

**3.6.8 How does the institution ensure the involvement of the community in its reach out activities and contribute to the community development? Detail on the initiatives of the institution that encourage community participation in its activities?**

The institution ensures community participation by involving neighbours in the development activities like:

- Plantation
- Blood donation and eye check up camp

- Orientation programme by the eminent persons in the field of science, medicine, literature, art and social service
- Organizing marathon

**3.6.9 Give details on the constructive relationships forged (if any) with other institutions of the locality for working on various outreach and extension activities.**

- An eye check up camp by Vasan eye care was organized by NSS.
- NSS and YRC units of KCET has carried out blood donation camps.
- Regular health check up is done for hostel mess workers.

**3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.**

For the past successive six years our College has been receiving the award, Jamnagar O.T.A.V.Nagarathina Nadar Rolling Shield for donating more units of blood.

**3.7 Collaboration**

**3.7.1 How does the institution collaborate and interact with research laboratories, institutes and industry for research activities. Cite examples and benefits accrued of the initiatives – collaborative research, staff exchange, sharing facilities and equipment, research scholarships etc.**

- Faculty are sent to other institutes on the scheme of young scientist for higher learning
- Our institution has signed MoU with Infosys Technologies Ltd to enhance the quality of learning and increase the employability of students.

**3.7.2 Provide details on the MoUs/collaborative arrangements (if any) with institutions of national importance/other universities/ industries/Corporate (Corporate entities) etc. and how they have contributed to the development of the institution.**

**MoU'S FOR THE ACADEMIC DEVELOPMENT**

- MOU with the National Instruments, Bangalore
- MOU with National Aerospace Laboratory
- MOU with Crane Software
  - Cranes donated Analog System Laboratory kit worth Rs.75,000/- under TI India University program
  - ASLKv2010 Starter kit – 6 Nos.
- MOU with Montan University, Austria.

## **MoU'S FOR STRENGTHENING INDUSTRY INSTITUTE INTERACTION**

- MoU with Infosys for campus connect program
- MoU with TCS iON
- MoU with K.Holz Gmbh, Austria, IPI
- MOU with IBM for three specialty labs
  - ✓ Cloud computing
  - ✓ Mobility
  - ✓ Cyber Security

## **ACTIVITIES**

- Conducting workshops
- Guest lectures
- Faculty development program
- In plant training
- Students projects

### **3.7.3 Give details (if any) on the industry-institution-community interactions that have contributed to the establishment / creation/up-gradation of academic facilities, student and staff support, infrastructure facilities of the institution viz. laboratories / library/ new technology /placement services etc**

- The establishment of Texas Instruments Analog Systems Lab in ECE department.
- Cranes donated Analog System Laboratory kit worth Rs.75,000/- under TI India University program.
- MOU with Labview academy in EIE department to support staff and students to do real time projects .
- Interaction with more companies for our student placements like INFOSYS, L&T, TCS, Solartis, Global Edge, Aspire, Dhyan Infotech, Capgemini, MATE, L&W, Valeo, Renault Nissan, SRF, Fenner, Appolo Tyres etc.
- Also INFOSYS conducts webinar and FDP for our staff members. Foundation Program and soft skill program are conducted for our student through Infosys and also industrial visit is offered both to our students and staff members.

**3.7.4 Highlighting the names of eminent scientists/participants, who contributed to the events, provides details of national and international conferences organized by the college during the last four years.**

S.NO.	Dept.	Year	Program Details	Names of eminent scientists/participants	Address with Designation
1.	BT	2014	ORA n <sub>2</sub> p '14 6 <sup>th</sup> and 7 <sup>th</sup> march 2014. National Conference on Industry – Academia initiatives in Biotechnology and healthcare	Dr.V.Mohan	Senior Scientist, institute of forest genetics and plant breeding,Coimbatore.
2.				Dr.K.Balakrishnan	Principal scientist,Bannariamman institute of technology,TBI, Sathyamangalam.
3.				Dr.k.Cheirma Raj	Manager-Technical support,Johnson and Johnson Pvt.Ltd.
4.				Prof.K.Ruckmani	Director,Centre for excellence in nano-Biotransitional Research,head,Pharmaceutical technology,Anna university,trichy.
5.		2013	ZORO n <sub>2</sub> p '13 21 <sup>rd</sup> to 22 <sup>th</sup> February 2013 National Conference on Applications Of Computation In Biotechnology	Dr.P.Gautham	Professor, Centre for Biotechnology, Anna University, Chennai
6.				Dr.V.Subramaniyam	Senior principal Scientist, CLRI, Chennai.
7.				Dr.K.Balamurugan	Associate Professor,Department of Biotechnology, Alagappa University, Karaikudi.
8.				Dr.A.Mahalakshmi	Lecturer,UGC-networking resource centre in biological sciences, School ofbiological sciences,MKU,Madurai.
9.		2012	ZORO n <sub>2</sub> p '12 23 <sup>rd</sup> to 25 <sup>th</sup> February 2012 National Conference on Recent Advances in Biotechnological research	Prof.R.B.Narayanan	Director,Food technology, Centre for Biotechnology, Anna University, Chennai
10.				Prof.P.N.Rangarajan	Professor,Department of Biochemistry,IISC,Bangalore.
11.				Dr.M.Krishnan	Head,Department of Environmental Biotechnology,Bharathidasan university,Trichy.
12.				Dr.B.Mohana subramaniyam	Manager,Research and development centre,Indian immunologicals ltd,Hyderabad.

13.	BT	2011	NCRTB – M&H 21 <sup>st</sup> and 22 <sup>nd</sup> July 2011 National conference on Recent trends in Biotechnology towards Medicine and Health care (AICTE, New Delhi sponsored)	Dr.S. MeenakshiSundaram	Professor, Centre for Biotechnology, Anna University, Chennai.
14.				Dr.P.Gautham	Professor, Centre for Biotechnology, Anna University, Chennai
15.				Dr.K.Balakrishnan	Associate Professor, Department of immunology, MKU, Madurai.
16.				Dr.Ramesh.R.Varier	The managing director, AVN Arogya Health care Ltd, Madurai
17.		2011	ZORO n <sub>2</sub> p '11 25 <sup>th</sup> and 26 <sup>th</sup> February 2011 National conference on Recent trends in Bio Products	Dr.N.Kannan	Principal, K.S.R. college of Arts and science, Thiruchencode.
18.				Dr.M.Sivakumar	Director, Centre for Nanotechnology, Anna university, Chennai.
19.				Dr.P.Paramasivam	Scientist D, ICMR, Madurai.
20.				Dr.Sujatha kabilan	Project faculty, NRCBS, School of Biological sciences, MKU, Madurai.
21.		2010	ZORO n <sub>2</sub> p '10 6 <sup>th</sup> and 7 <sup>th</sup> October 2010 National level conference on Recent Trends in Biotechnology towards Medicine & Health care	Dr.P.Sundaresan	Senior research scientist and head, Department of genetics , Aravind medical research foundation, Madurai
22.				Dr.Hannah Rachel Vasanthi	Reader, Department of Biotechnology, School of life sciences, Pondicherry university , Pondicherry.
23.				Prof.P.Kaliraj	Professor, Centre for Biotechnology, Anna University, Chennai.
24.				Prof.M.Ramanathan	Principal, PSG college of pharmacy, Coimbatore.
25.		2009	ZORO n <sub>2</sub> p '09 26 <sup>th</sup> and 27 <sup>th</sup> February 2009 National conference on Current trends in Biotechnology (Sponsored by DRDO)	Prof.P.Kaliraj	Professor, Centre for Biotechnology, Anna University, Chennai.
26.				Dr.G.Ilavazhagan	Director, Defense institute of physiology and allied sciences, Ministry of Defense. New Delhi
27.				Dr.S. MeenakshiSundaram	Professor, Centre for Biotechnology, Anna University, Chennai.
28.				Dr.P.Venkatesan	Director i/c, ICMR.
29.				Dr.H.Chirakkala	Senior scientist, KEMIN industries south asia (P) Ltd

30.				Prof.V.Ganesan	Centre for research and development,Botany,Anja College.
31.				Prof.N.Thajuddin	Head,Department of microbiology,Bharathidasan university,Trichy.
32.	Civil	2014	NCSBMM-2014 (NATIONAL CONFERENCE)	Dr.K.Thangavel	Chief Scientist Csir-Ceccri Karaikudi
33.		2014	NCSBMM-2014 (NATIONAL CONFERENCE)	Dr.K.Mahendran	Asso.Prof & Directory I/C, Rural Technology Centre, Gandigramma Rural Tnstitution
34.		2014	NCSBMM-2014 (NATIONAL CONFERENCE)	Dr.S.Nagan	Asso.Prof Department Of Civil Engineering Thaigarajar College Of Engineering, Madurai
35.		2014	GUEST LECTURE	Dr.V.Subbiah	Prof & Dean (Pg Students) Hindustan University Chennai
36.		2013	ENTROIDOS'13 (NATIONAL LEVEL CONFERENCE)	Dr.K.Arunachalam	Professor Departmnet Of Civil Engineering, Thiagarajar College Of Engineering, Maduri.
37.		2013	ENTROIDOS'12 (NATIONAL LEVEL SEMINAR)	Dr.P.Vincent	Professor Departmnet Of Civil Engineering, Mepco College Of Engineering, Sivakasi
38.	CSE	2009	International Conference on Emerging Trends in Computing	Dr.Gopal Gupta	Professor / CSE Monsh, Australia.
39.				Dr.D.H.Manjaiah	Professor / CSE Mangalore University,Mangalore.
40.				Mr.R.Rajesh	Lecturer / CSE Bharathiyar University, Coimbatore.
41.				Dr.A.Vadivel	Assoc. Professor / Department of Computer Applications NIT Trichy.
42.				Dr.Mohammed Osman	Professor / Computer Engineering, Alfateh University,Tirpoli,Libya.
43.				Dr.Ahmad M. Shafiee	Professor / Basic Science, Islamic Azad University,Iran.

44.				Dr.L.Narashimhan	Professor / CSE East Carolina , University,USA.
45.				Dr.M.ThangaRaj	Professor / CSE M.K.University, Madurai.
46.				Dr.K.Ramar	Professor / CSE National Engg College, Kovilpatti.
47.	ECE	2014	Conference on Signal Processing and Communication Technologies (CSPCT'14)	Dr. V.VAIDEHI	Professor & Head /IT, MIT Campus, Anna University, Chennai.
48.		2012	Conference on Signal Processing and Communication Technologies (CSPCT'12)	Dr.B.Yogameena	Associate Professor/ECE Thiagarajar College of Engineering and Technology,Madurai
49.		2011	Conference on Signal Processing & Communication Technologies (CSPCT'11)	Dr.S.Md.MansoorRoomi	Professor/ECE, Thiagarajar College of Engineering and Technology,Madurai.
50.		2010	Conference on Signal Processing and Communication Technologies (CSPCT'10)	Dr.S.Rajaram	Professor/ECE, Thiagarajar College of Engineering and Technology,Madurai.
51.	EEE	2014	Symposium	Dr. G. Venkatesh	CEO, Bangalore Robotics, Bangalore
52.		2014	Sixth National conference	Dr. Ilango	Former Vice Chancellor, Bharathiar University, Coimbatore.
53.		2013	Fifth National conference	Dr. V.Prakash	AP/EEE, TCE, Madurai.
54.		2011	Third National conference	Dr. C. K. Babulal	AP/EEE, TCE, Madurai.
55.		2010	Second National conference	Mr. J. JOHN SWAMIDOSS	SO/D, IGCAR, Kalpakkam.
56.	EIE	2013	Sixth National conference on Intelligent computing & automation –	Mr.S.Senthil,	Assistant Manager, Customer Service Division, Yokogawa India pvt ltd, Chennai

			INSTRUVISION2013		
57.		2012	Fifth National Conference on Intelligent Computing & Automation	Mr.J.Visweswaran,	Academic Technical Consultant, NI, Bangalore
58.		2011	Fourth National Conference on Intelligent Computing & Automation	Mr.Anish Pandari,	MASSCOM Specialist, National Instruments, Bangalore
59.		2010	Third National Conference on Intelligent Computing & Automation	Mr.K.Venkataraman	Deputy General Manager, BSNL, Virudhunagar
60.		2009	Second National Conference on Intelligent Computing And Automation	Mr.P.Muthusamy B.Tech.,	Senior Manager, Tamil Nadu News Print and Paper Ltd. Karur
61.	IT	2014	Days Workshop on “Cyber Security” in association with Warwick manufacturing group, University of Warwick, U.K	Mr. Harjinder Singh Lalliee ,Professor	Warwick Manufacuting Group(WMG), University of Warwick, U.K.
62.		2014	National Conference on Recent Trends in Information Technology, NCRTIT-14	Mr.Vineeth Simon Arackal,Chief,Tech Officer	C-DAC , Bangalore
63.		2012	National Conference on Recent Trends in Information Technology , NCRTIT-12	Dr. K. Chandrasekaran, Dr. N. P. Gopalan,	NIT, Mangalore and NIT, Trichy
64.		2010	National Conference on Recent Trends in Information	Dr.T.Revathy,	HOD/IT Mepco Schlenk

			Technology NCRTIT-11		
65.		2010	National Conference on Recent Trends in Information Technology NCRTIT-10	KRISHNAN N – 627 012	Professor and Head Centre for Information Technology & Engg. Manonmaniam Sundaranar University, Tirunelveli
66.		2014	IPI Student Chapter Guest Lecture	Mr. M. K. Ramasamy	CEO,Hydro S & S industries, Chennai
67.		2013	Guest Lecture on Superhydrophobic polymers	Prof. Chen	National Taiwan University Twiwan
68.		2012	IPI Student Chapter Guest Lecture	Mr.Murali doss,	Segment Leader, Thermoplastic Additives, Multibase India Ltd, Bangalore
69.		2012	Academic council	Dr. Sreejith Valiavalappil	Scientist Laird Technologies Bangalore
70.	PT	2011	Recent Trends in Nano Technology'11	Dr.C.Sivakumar Dr.P.Sakthivel	Scientist, CECRI, Karikudi Reader, Nano Technology Centre, Alagappa University, Karikudi
71.		2009	Frontier in polymer science and Technology	Dr. V. Manikandan,	Principal, S.Veerasamy Chettiar College of Engineering and Technology, Puliangadi, Tirunelveli
72.		2009	Frontier in polymer science and Technology	Dr.D.Ponraj,	Scientist – “G” Head, Physico Chemistry Dept., Safety Engineering Division, Indira Gandhi Centre for Atomic Research (IGCAR) Kalpakkam -603 102.
73.		2013	One day National Conference on “Recent Advancements in Mechanical Engineering”	Dr.T.Prabakar,M.E.,Ph.D.	Professor, Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi
74.	Mech.	2011	One day National conference on “Optimization Techniques in Mechanical Sciences”	Dr.N.Jawahar,M.E.,Ph.D.	Professor, Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai-625015

**3.7.5 How many of the linkages/collaborations have actually resulted in formal MoUs and agreements? List out the activities and beneficiaries and cite examples (if any) of the established linkages that enhanced and/or facilitated**

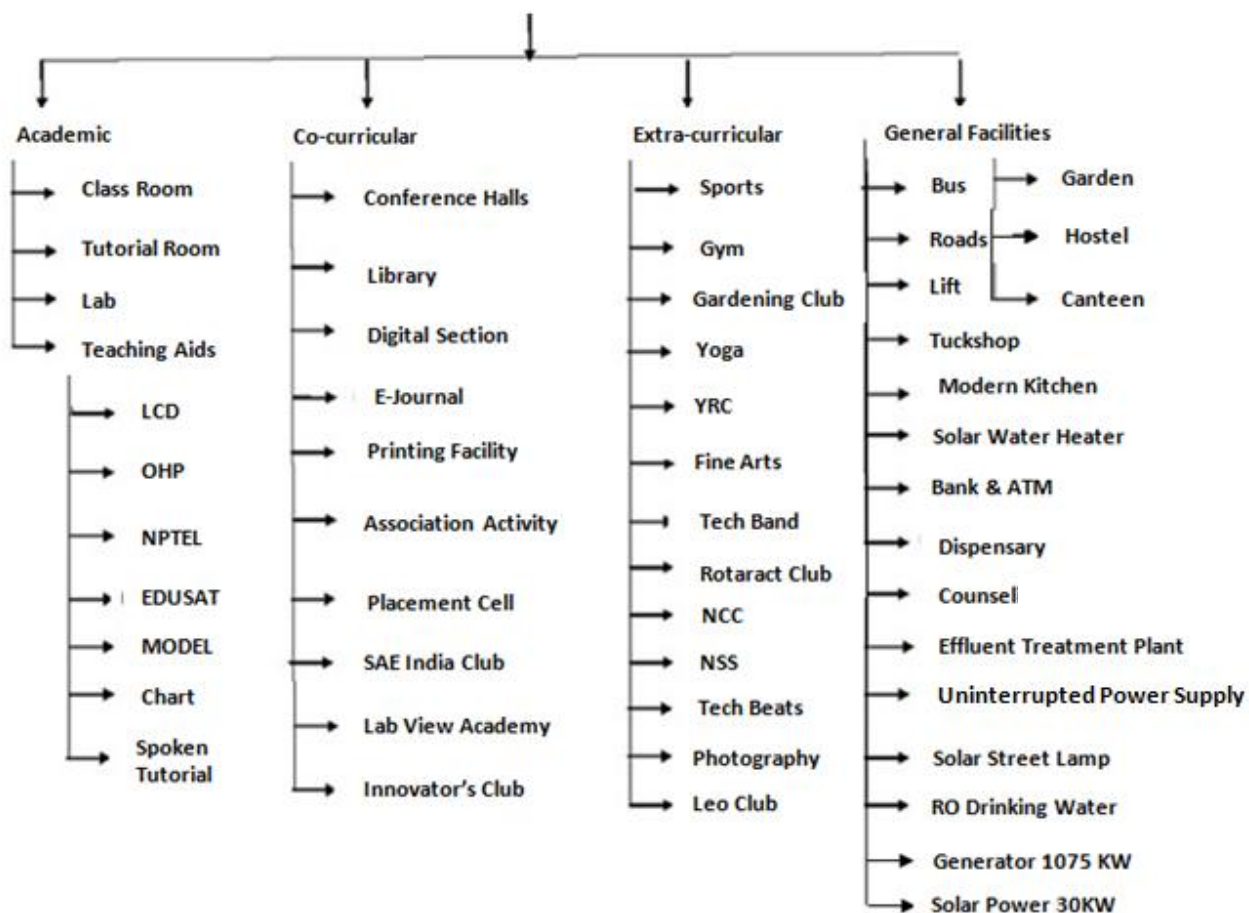
a) Curriculum development/enrichment	- No
b) Internship/ On-the-job training	- Yes
c) Summer placement	- No
d) Faculty exchange and professional development	- Yes
e) Research	- Yes
f) Consultancy	- Yes
g) Extension	- No
h) Publication	- No
i) Student Placement	- No
j) Twinning programmes	- No
k) Introduction of new courses	- No
l) Student exchange	- Yes

**3.7.6 Detail on the systemic efforts of the institution in planning, establishing and implementing the initiatives of the linkages/collaborations.**

- Institution has planned and established linkages/collaborations related to academic and research activities with various industries/research institutes to implement training program for students and staffs.
- MOU arrangements with various establishments.
- Inviting expertise from various industries for delivering guest lectures, key notes address in Conference, speaker in workshop and symposium.
- Establishing industry institute interaction cell and conducting periodic meeting of the cell.

## CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

### Criterion IV : INFRASTRUCTURE FACILITIES



## **4.1 Physical Facilities**

### **4.1.1 What is the policy of the Institution for creation and enhancement of infrastructure that facilitate effective teaching and learning?**

The vision of this Institution is to make unique of its kind in the field of Research and Development activities as a part of the world. To achieve this vision and to facilitate effective teaching and learning, the Institute creates/enhances the infrastructure. The policy followed is:

- (a) Heads of the Departments, Placement officer, Office Manager, Public Relation Officer, Librarian and Site Engineer submit their requirements before the starting of every academic year through the Principal to the Chairman/Secretary.
- (b) This enables the Chairman/Secretary to provide adequate funds in consultation with the Board of directors, Governing council and advisory committee for updating the infrastructure for the forthcoming/consecutive academic years. The Chairman/Secretary also provides funds for enhancement of infrastructure needed on emergency basis when required by any department.

### **4.1.2 Detail the facilities available for**

**a) Curricular and co-curricular activities – classrooms, technology enabled learning spaces, seminar halls, tutorial spaces, laboratories, specialized facilities and equipment for teaching, learning and research etc.**

To promote curricular and co-curricular activities, the college has a well furnished and spacious classrooms, auditorium, seminar halls, state of the art technical labs and communication lab. Each department has sufficient number of LCD projectors and each class room is provided with OHP.

- Class rooms, Tutorial rooms, Laboratories and Workshops constructed as per recommendations given in the handbook of AICTE. Each department with one seminar hall.
- **Main Library/Departmental Library:** A main Library and ten departmental libraries enhance the learning process. The modernized main library has a digital section to access e-journals and video lectures.
- **Auditorium:** Spacious auditorium with 1500 seating capacity and hi-tech public address system for conducting cultural activities, conferences, seminars, etc.
- **Technology Enabled Learning Spaces:**
  - All the laboratories are well equipped to facilitate teaching and learning process. Anna University, Chennai has recognized five departments as Research centres.

- All the computer labs with internet connectivity.
- Listening skill and Communication skill labs for honing the communication skills of the students.
- NPTEL videos in the college intranet.
- EDUSAT hall to view the telecast of Anna University program.
- Each department with sufficient number of computers and LCD.
- Digital section in the library with 54 systems.
- Access to subscribed e-journals like IEEE, science direct, ASME etc on 24 x 7 basis throughout the college (Details of e-journals are given in 4.2.4).
- Wifi is available throughout the campus to access internet and e-resources.

Apart from that, the college opens up new avenues for developing technical skills, updating knowledge on latest technologies, personality development and service to the society through the following professional societies and associations, each of which is facilitated by a faculty adviser to guide the students.

- ISTE - Indian Society for Technical Education
- Genes Association
- BRSI – Biotech Research Society of India
- CSI-Computer Society of India
- IETE – The Institution of Electronics and Telecommunication
- I P I – Indian Plastics Institute
- SAE India – Society of Automotive Engineers
- Lab View Academy
- ACCE(India) – Association of Consulting Civil Engineers
- IPA - Indian Physics Association
- FPSI – Fluid Power Society of India

**The details of classroom, tutorial room, laboratories, seminar halls etc are appended in the table given in the Criterion IV : Annexure 1.**

**b) Extra –curricular activities – sports, outdoor and indoor games, gymnasium, auditorium, NSS, NCC, cultural activities, Public speaking, communication skills development, yoga, health and hygiene etc.**

Apart from giving importance to academic activities, the college provides excellent infrastructure to enhance the overall personality of each and every individual. Well facilitated play grounds for outdoor and indoor games are available inside the campus and the details are listed below:

**Outdoor Games:**

- Hockey
- Cricket
- Football
- Volleyball
- Handball
- Ball Badminton
- Basketball
- Tennis
- 200 m Athletic track

**Outdoor Games Exclusively for Girls:**

- Badminton 3 courts
- Tennikoit
- Volleyball
- Ball Badminton
- Cricket net

**Indoor Games:**

- Table Tennis
- Carom
- Chess
- Gym

An indoor stadium Construction work is underway (Total area 2408.41 Sq. m) and is planned to be completed by 2015with:

- Badminton court
- Volleyball court
- Basketball court
- Yoga hall for Boys
- Yoga hall for Girls
- Fitness Centre (Gym) for Boys
- Fitness Centre (Gym) for Girls
- Billiards Table
- Table Tennis
- Carom and chess
- The infrastructure facility available for extra-curricular activities helped the college to coordinate Anna University 17th Zone Sports for the years 2012-13 and 2013-14.
- Our College affords service to the society through the following professional clubs and services, each of which is facilitated by a faculty adviser who guides the students:

- National Cadet Corps (NCC)
- National Service Scheme (NSS)
- Youth Red Cross (YRC)
- Leo Club
- Rotract Club
- Red Ribbon Club

**Yoga:** Yoga training and practice is given regularly.

**4.1.3 How does the institution plan and ensure that the available infrastructure is in line with its academic growth and is optimally utilized? Give specific examples of the facilities developed, augmented and the amount spent during the last four years (Enclose the Master Plan of the Institution campus and indicate the existing physical infrastructure and the future planned expansions if any).**

Started with a few hundred students in the year 1998, this college has grown to the needs of over 3000 students. In 1998 there were only 4 UG programs, but at present there are 10 UG, 9 PG and 5 research programs. College management is consistently developing infrastructure by keeping the future requirements. Recently Academic Block IV which has a built-up area of more than 9000 Sq.m is completed and put into use. The following table shows development of college with the improved infrastructure facilities in the past 4 years:

Year	Description	Infrastructure created
2009-2010	<b>New Programme started :</b> PG Programme: M.Tech. Biotechnology – 18, M.Tech. Polymer Technology – 18 UG Programme: BE Civil Engineering – 60 <b>Intake Increased in :</b> B.E. Computer Science and Engineering – 60 to 120 B.E. Mechanical Engineering - 30 to 60	Academic Block III (Area 5457 Sq. m) is opened for use. Has five floors; accommodating 7 Laboratories, one drawing hall, one seminar hall, 19 class rooms and many faculty rooms.  Construction work of Canteen Block is completed (Area 1353 Sq.m) which has: <ul style="list-style-type: none"> <li>• Canteen at the Ground Floor</li> <li>• Air-conditioned seminar hall at first floor.</li> </ul>
2010-2011	--	During this year Virtual Instrumentation Lab and Microprocessor & Microcontroller lab are established for Department of Electronics and Instrumentation Engineering. Survey Lab is established for the Department of Civil Engineering.

2011-2012	<p><b>Lateral Entry Intake increased from 10 to 20%.</b></p> <p><b>Intake Increased in :</b> B.E. Electronics and Communication Engineering – 60 to 120.</p> <p><b>New Programme started :</b> M.E. Computer and Communication Engineering – 18</p> <p>Establishment of Research Centres in Department of Bio-Technology, Polymer Technology and Department of Chemistry</p>	The construction work of Generator Shed II is completed (Area 260 Sq.m)
2012-2013	<p><b>Intake increased in:</b> B.E. Electrical and Electronics Engineering - 60 to 120</p> <p><b>New Programme started :</b> M.E. Power System Engineering - 18 M.E. Manufacturing Engineering – 18</p> <p>Establishment of Research Centre in Department of Electrical and Electronics and in Department of Physics.</p>	<p>Construction work of Academic Block IV is completed. (Area 9335 Sq.m). This block has 5 floors in which</p> <ul style="list-style-type: none"> <li>• Ground Floor is allotted to CSE Department. It has two labs, two seminar halls, 4 class rooms, a department library and faculty cabins.</li> <li>• First Floor is allotted to IT Department. It has 3 labs, 4 class rooms, one seminar hall, a department library and faculty cabins.</li> <li>• Second Floor is allotted to ECE Department. It has three labs, 8 class rooms, a department library and faculty cabins.</li> <li>• Third Floor is allotted to EIE Department. It has 3 labs, 9 class rooms, a department library and faculty cabins.</li> <li>• Fourth Floor is allotted to EEE Department. It has 3 labs, 8 class rooms, a department library and faculty cabins.</li> </ul>
2013-2014	<p><b>Intake Increased in:</b> B.E. Civil Engineering - 60 to 120 B.E. Mechanical Engineering - 60 to 120</p> <p><b>New Programme started:</b> M.E. Structural Engineering - 18</p>	CAD Lab for Department of Mechanical Engineering was Established. Structural Engineering Lab for the Department of Civil Engineering was completed.
2014-2015	<p><b>New Programme Started:</b> B.E. Mechatronics -60</p>	CAD Lab, Survey Lab and Environmental Engineering Lab for the

	M.E. Computer Science and Engineering - 18 M.E. Biometrics & cyber security – 18 M.Sc.(Software Systems) - 60 <b>Intake Increased In</b> B.Tech. Polymer – 45 to 60	Department of Civil Engineering was established. The class rooms, rooms for faculty members, computer lab, discussion room , office room for the Department of M.Sc. (Software Systems) was created and put into use. The Computer Laboratories for M.E. Computer Science and Engineering and M.E. Biometrics & cyber security were established and put into use.
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The complete details of equipment purchased/augmented to match the growth of the college is placed in a table in the Criterion IV : Annexure 2.

The maximum utilization of classrooms and laboratories happens during working hours. The computer labs are kept open till 8.00 pm on all working days. Research laboratories are utilized even beyond working hours on need basis. Our infrastructures like classrooms, laboratories, seminar halls etc are used for conducting public examinations like TNPSC, GATE, TANCET, Bank Recruitment etc mostly during week ends.

#### **Future Planned Expansions:**

- Academic Block V to have 5 floors and with more than 9000 Sq.m built-up area.
- Indoor Sports Complex is under construction.
- Store and Site Office is under construction.

**KCET MASTER PLAN is attached as Criterion IV : Annexure 3.**

#### **4.1.4 How does the institution ensure that the infrastructure facilities meet the requirements of the differently-abled students?**

**The following facilities are available for the differently-abled students:**

- i) Lift in all the academic blocks.
- ii) The staircase provided with banisters and Side rails.
- iii) Tuckshop and Canteen in close proximity.
- iv) Separate toilets for differently-abled.
- v) All the buildings connected through corridors.
- vi) Permission for using motorized vehicles within the campus.

**4.1.5 Give details on the residential facility and the various provisions available within them:  
Hostel Facility:**

Facility	Boys Hostel – I	Boys Hostel – II	Girls Hostel – I	Girls Hostel – II	
No. of Rooms	113	113	96	108	Each inmate is provided with a cot, rack and a reading table. Each room is served with daily news paper.
No. of Students	329	113	294	331	
Residential Staff members	3	1	11	8	
Computers with Internet facility	16		15		
Other Provisions					
No. of Toilets	42	42	36	36	
No. of Bathrooms	42	42	36	36	

Common Facilities in Boys Hostel	Common Facilities in Girls Hostel
<ul style="list-style-type: none"> <li>• STD Booth</li> <li>○ Tuck shop</li> <li>○ Public Address System</li> <li>○ Music System</li> <li>○ Solar Power water heaters</li> <li>○ Modern hygienic kitchen &amp; dining hall</li> <li>○ Waiting room for parents</li> <li>○ Shoe polish machine</li> <li>○ Modern Gym</li> <li>○ Water Coolers (one each in all floors)</li> <li>○ Wifi facility</li> <li>• Computers with internet connectivity</li> <li>• Separate Toilet for differently-abled students.</li> <li>• Television Room</li> </ul>	<ul style="list-style-type: none"> <li>• STD Booth</li> <li>• Tuck shop</li> <li>• Public Address System</li> <li>• Music System</li> <li>• Solar Power water heaters</li> <li>• Modern hygienic kitchen &amp; dining hall</li> <li>• Parents Waiting Hall</li> <li>• Swing</li> <li>• Modern Gym</li> <li>• Temple</li> <li>• Water Coolers (one each in all floors)</li> <li>• Wifi facility</li> <li>• Tennis Court</li> <li>• Computers with internet connectivity</li> <li>• Reading Hall</li> <li>• Television Room</li> <li>• Napkin incinerator</li> </ul>

**Recreational facilities, gymnasium, yoga center, etc**

- Well equipped Gym and indoor games hall are available at both Boys and Girls Hostel. Regular Yoga classes are conducted in the evening hours. In addition to the existing facility an Indoor stadium is under construction which will house Fitness Centre (Gym) for Boys (105 Sq.m.) as well as a Fitness Centre (Gym) for Girls (105 Sq.m.) other than

Table Tennis, Badminton court etc. A temple is located near the main entrance of the campus and also girls hostel.

#### **Facilities for medical emergency**

- Health center is available in the campus with a full time duty doctor and staff nurse on 24 x 7 basis.
- First Aid boxes are available in both the hostels.
- A vehicle is kept available for emergency purpose for taking the students/staff to nearby hospitals. As a rule, a staff will accompany the patient to take care of them.

#### **Library facility in the hostels**

- Each room is served with a daily newspaper.
- Weekly and fortnightly magazines are available.
- The main library is kept open till 8 P.M. on week days, till 5 P.M. on Saturdays, till 1 P.M. on holidays and 6 P.M. during vacation.

#### **Available residential facility for the staff and occupancy**

- No staff quarters are available. However the staff members who wish to stay in campus are given accommodation in the respective hostels.
- The college has two air-conditioned guest rooms for the members of the staff to facilitate any requirement of stay in view of official work. In case of more members need to stay back, standby rooms are available in the hostel to fulfill this requirement.

#### **Constant supply of Drinking water**

RO water is available all over the campus and hostels. The details of RO plants installed are given below:

Place of RO Plant Installed	Capacity of each plant	Company	Remarks
5 RO Plants are installed one each at the following places: <ul style="list-style-type: none"> <li>• Girls Hostel</li> <li>• Boys Hostel</li> <li>• Admin Block</li> <li>• Academic Block III</li> <li>• Academic Block IV</li> </ul>	1000 litre/hr	US Engineers	One time backwashing per day

## Security

- CCTV Surveillance camera is fitted inside the campus at nearly 120 locations to monitor the suspicious movement.
- Compound wall is constructed around the Girls' hostels.
- Firewall is available to take care of e-security.
- Fire Extinguishers are available at required places.

## Trained Security Personnel

Trained security personnel are deployed round the clock for security at various locations within the campus. There is a tie-up with nearby police station (Kalligudi) wherein, in case of emergency, the ladies hostel warden will make a call to the given hotline number to get their help.

### 4.1.6 What are the provisions made available to students and staff in terms of health care on the campus and off the campus?

- Residential doctor is available and free medication for staff and students.
- Regular health check-up and free Eye check-up camps.
- Separate vehicle to take students and staff to nearby hospitals on need basis.
- RO water is made available throughout the campus.
- Hygienic food is prepared in both the hostels and canteen.
- Clean hygienic environment with regular cleaning.
- Hygienic Waste disposal in the Hostel.
- Necessary medical precautions are taken by the staff members when the students are on tour.
- Group insurance is available to the students and staff members.

### 4.1.7 Give details of the Common Facilities available on the campus –spaces for special units like IQAC, grievance redressal unit, Women's cell, counseling and career guidance, placement unit, health centre, canteen, recreational spaces for staff and students, safe drinking water facility, auditorium, etc.

#### Details of the Common Facilities available on the campus:

Common Facilities	Availability	Place
Grievance Redressal unit	Yes	CSE Block I Floor
Counseling and career guidance	Yes	CSE Block Ground Floor
Placement unit	Yes	Bio-Technology Block Ground Floor
Health centre	Yes	CSE Block Ground Floor
Canteens	Yes	Canteen Block
Recreational spaces for staff and	Yes	Indoor Hall, ground

students		
Safe drinking water facility	Yes	RO Plant at 5 locations
Auditorium	Yes	Academic Block Second Floor
Library	Yes	Academic Block Ground Floor
ATM and Bank	Yes	Bio Technology Block Ground Floor
Stationery and General Store	Yes	Canteen Block
Telephone Booth	Yes	Canteen Block, Hostels
Temple	Yes	Near Main Entrance and in Girls Hostel.
Effluent Treatment Plant	Yes	Near Academic Block

## 4.2 Library as a Learning Resource

The library a treasure house of knowledge is located at the centre part of our campus.

### 4.2.1 Does the library have an Advisory Committee? Specify the composition of the committee. What significant initiatives have been taken by the committee to render the library student/user friendly?

Yes, the library has an advisory committee which advises on the betterment of the facilities and functions. The committee comprises of:

**Chairman** : Principal

**Convener** : Dr. S. Vinayagamoorthi, Professor, Department of Polymer Technology.

**Member** : Dr. M. Vasanthi, Dr. R. Lakshmi, Dr. A. Asha, Dr. S. Kalyani,  
Dr. R. Suresh Babu, Dr. P. Subathra & the Librarian

The committee has recommended the following services for the benefit of students and staff and succeeds in:

1. Creating awareness for E- resources every year
2. Making optimum use of library e- resources.
3. Providing adequate seating capacity with light and ventilation.
4. Addressing requirement of books, journals, magazines etc., for every year for all the departments and making recommendation through proper channel.
5. Creating the provision of reprographic facility to cater to the needs of users.
6. Establishing clean and calm environment inside the library to motivate the users for spending more hours.
7. Providing Internet facility and DELNET facility to cater to the needs of the learner.
8. Setting UPS backup to library in case of power failure.
9. Making provisions of display racks for latest arrivals of books, magazines and journals.

#### 4.2.2 Provide details of the following:

- \* **Total area of the library (in Sq. Mts.)**
- \* **Total seating capacity**
- \* **Working hours (on working days, on holidays, before examination days, during examination days, during vacation)**
- \* **Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources)**

Total area of the library : 1981.08 Sq. mts.

Total seating capacity : 342

**Working hours (on working days, on holidays, before examination days, during examination days, during vacation):**

On working days	8.00AM to 8.00PM
On holidays	Normal holidays – 9 AM to 1.00PM During Examination Period : 8.00 AM to 7.00PM
Before examination days	8.00 AM to 8.00 PM
During examination days	8.00 A.M to 8.00 PM
During vacation	9.00 AM to 6.00 PM

Layout of the library (individual reading carrels, lounge area for browsing and relaxed reading, IT zone for accessing e-resources) :

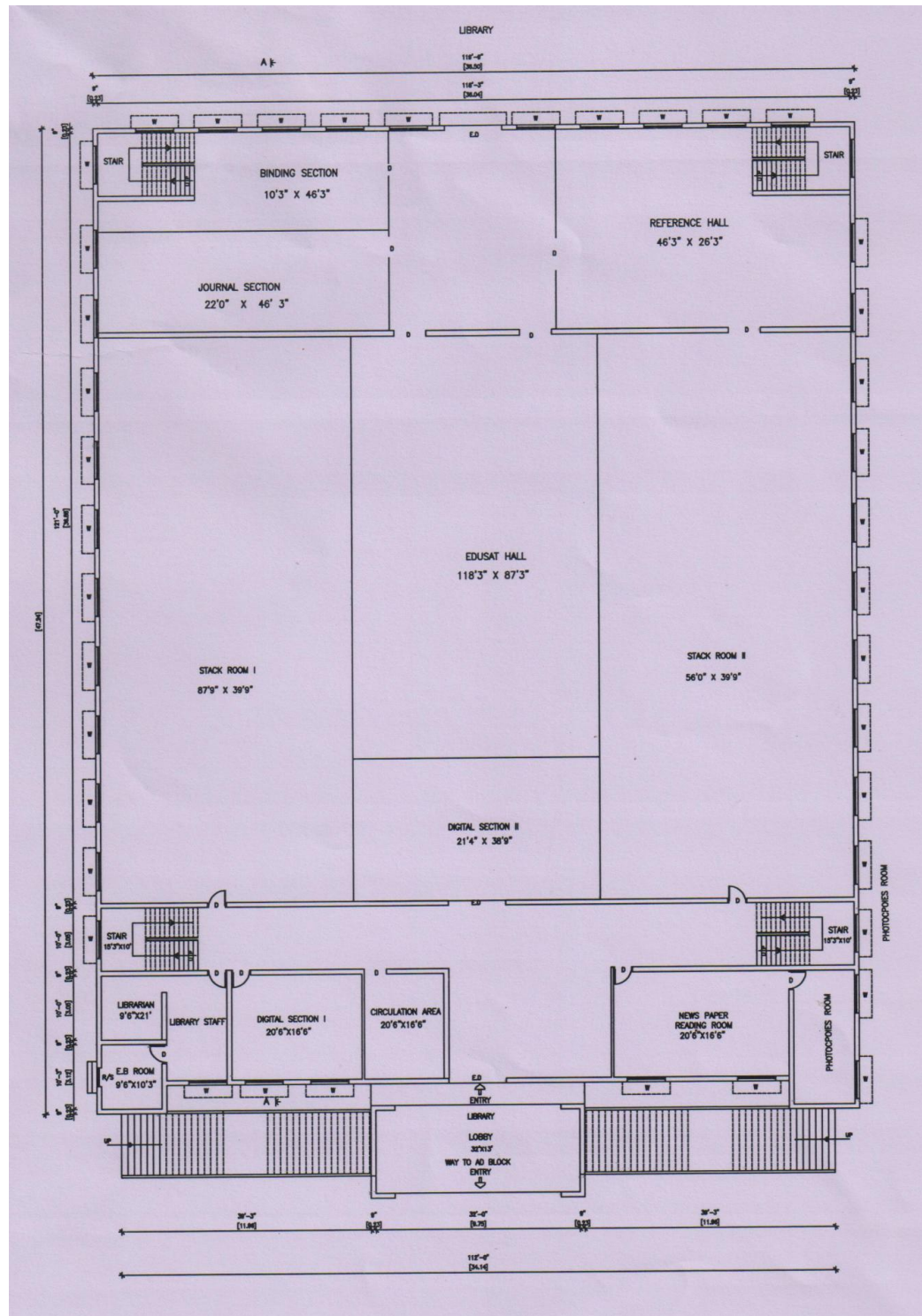


Fig 4.1 Layout of UNJHA V.DHANASAMY PARIMALA DEVI LIBRARY

The floor plan is printed in the library information brochures and is distributed to all the library users. The sign boards, bay-guides are adequately provided inside the library. Online Public Access Catalogue (OPAC) is also provided.

**4.2.3 How does the library ensure purchase and use of current titles, print and e-journals and Other reading materials? Specify the amount spent on procuring new books, journals and E-resources during the last four years**

The departments raise the requirement of books and journals as per the requirements of their respective courses. These are placed for discussion to the library committee that reviews the requirement and recommends the same to the Principal for purchase. The Principal takes necessary action for procurement taking into account the budgetary and other provisions.

**Details of titles and amount spent are given below:**

Library holdings	2010 – 11		2011 – 12		2012 – 13		2013 – 14		2014 – 15	
	NO.	Cost Rs.	NO.	Cost Rs.	NO.	Cost Rs.	NO.	Cost Rs.	NO.	Cost Rs.
Text Books	7,598	18,79,350	598	75,915	152	36,524	606	2,12,311	610	2,12,451
Reference Books	309	10,16,189	194	2,36,060	70	5,325	95	4,27,814	86	1,04,102
Journals & Periodicals	180	5,63,391	191	8,92,618	241	6,05,302	279	9,02,727	282	9,02,727
e-Resources	3	9,15,790	9	15,84,377	9	17,92,475	9	21,31,515	9	21,31,515
Total amount		43,74,720		27,88,970		24,39,626		36,74,367		33,50,795

**4.2.4 Provide details on ICT and other tools deployed to provide maximum access to the library collection.**

**♣ Web OPAC**

On line Public Access Catalogue (OPAC) has been provided to the user. The user can browse by typing 192.168.2.100/webopac and retrieve the book details through web OPAC module available in the intranet environment.

**♣ Electronic Resource Management Package for e-journals**

List of e-journals subscribed are as follows

1. IEEE (ASPP) - 145 Journals
2. Science Direct- 275 Journals
3. SD Biotechnology-70 Journals
4. ASME-25 Journals

5. ASCE-33 Journals
6. ASTM 1700 E-Books & 13,000 Journal articles
7. Wiley Blackwell-30 Journals
8. McGraw Hill Access Engineering
9. Nature & Scientific American
10. J-Gate 4700 Indexed & 1700 Full text

♣ **Federated Searching tools to search articles in multiple databases**

1. NPTEL videos are available online through the link ftp:\\nptel.kcetvnr.org in the intranet environment.
2. Video lecture for the first year students from DOTE ( Directorate of Technical Education) through the link ftp:\\kcet.vnr.org
3. EDUSAT videos are available for the users.
4. DVD's are available on the following topics to enhance students' knowledge.
  - a. Disney How Science works
  - b. BBC days that shook
  - c. Tell me why
  - d. BBC Natural History collection
  - e. National Geographic
  - f. Discovery worm hole
  - g. 100 Greatest discoveries
  - h. Disney Explore the world of science
  - i. BBC Planet earth
  - j. BBC earth life

♣ **Library Website**

A separate link for library is available in the college website with the following information.

- |                     |                       |
|---------------------|-----------------------|
| 1. Total Collection | 2. E-Journals         |
| 3. Students' Access | 4. Storage facilities |

♣ **In-house / remote access to e-Publications**

In house access to e-publications of the journals linked in Electronic Resource Management Package is available through intranet.

♣ **Library Automation**

- The library is fully automated with bar-coding.
- The book issue and return is done through SMART CAMPUS software.

♣ **Total number of computers for public access**

- 48 computers can access Internet.
- Four printers for public access.

- Internet bandwidth / speed – 45Mbps 1:1 leased line through Reliance and 1Mbps through BSNL.

#### ♣ **Institutional repository**

- Intel DP Xeon 3.0 GHZ storage server and EONSTOR 6.4 TB SATA storage box for NPTEL videos.
- The collection of academic project works of the students for reference.
- Digital copy of thesis submitted by staff members who have completed their doctoral degree while in this college.
- Back volume of printed journals is maintained.
- Maintenance of the news regarding the college activities that are published in the dailies.
- Question bank of University Examination question paper.

#### ♣ **Content management system for e-Learning**

- The following facilities are available for e-learning
  1. NPTEL videos through the link ftp:\\nptel.kcetvnr.org in the intranet environment.
  2. Video lecture for first year students from DOTE (Directorate of Technical Education) through the link ftp:\\kcet.vnr.org
  3. EDUSAT videos.
  4. DVD's on various topics to enhance student's knowledge.
  5. A separate Moodle server to conduct online test.
  6. Apart from the above, each department is having digital collection of animated videos for teaching and learning process.

#### ♣ **Participation in Resource Sharing Networks/Consortia (like Inflibnet)**

- The college has the membership with DELNET to share the resources.

#### **4.2.5 Details of usage**

- |   |  |
|---|--|
| ❖ Average number of walk-ins is                         | : 250/day  |
| ❖ Average number of books issued / returned             | :150 / day   |
| ❖ Ratio of library books to students enrolled           | : 22:1   |
| ❖ Average number of books added during last three years | : 8921 books   |
| ❖ Average number of login to OPAC                       | : 60/day   |
| ❖ Average number of login to e-resources in our library | : 50 / day   |
| ❖ Average number of e-resources download / Print        | : 150 / day  |
| ❖ Number of information literacy trainings organized    | : 2 per year   |
| Details of “weeding out” of books and other materials } | : Magazines and news papers are weeded out Yearly. Books and Journals are not weeded out. They are Binded and preserved. |

#### **4.2.6 Specialized services provided by the library**

##### **Manuscripts**

Manuscripts of student projects are preserved for readers to pursue research works.

##### **Reference**

A rich collection of 4194 reference books and 3944 back volume journals are available for reference.

##### **Reprography**

Reprographic facilities are available at nominal cost to all.

##### **ILL (Inter Library Loan Service)**

Inter library loan services are provided through DELNET (Developing Library Network) - New Delhi.

##### **Information Development and Notification**

The following current awareness services are displayed in notice boards.

1. News paper clippings.
2. Important National and international news
3. Current affairs and General News.
4. Recent articles on Engineering and Technology are circulated to all through common college mail.
5. New book arrivals.

##### **Download and Printouts**

Staff members and students are allowed to download information on the current issues and take printouts if needed to enhance their knowledge.

##### **Reading list/Bibliography compilation**

Library automation software - smart campus, enables compilation of reading list and bibliography. The software compiles bibliography of the books department wise and updated regularly.

##### **In-house/remote access to e-resources**

In house access to e-publications of the journals linked in Electronic Resource Management Package is available through intranet.

##### **User Orientation**

In the beginning of the academic year, an orientation on the use of the library is given to all the first year students.

##### **Assistance in searching Databases**

Library assistants render help in searching online and off line databases.

## INFLIBNET/IUC Facilities

Nil

### 4.2.7 Enumerate on the support provided by the library staff to the students and teachers of the college.

Library Staff support students and staff for:

- ❖ Using OPAC for searching books.
- ❖ Helping the readers to identify and locate the required books.
- ❖ Reprographic service.
- ❖ Printing to take printouts.
- ❖ Inter Library Loan services through DELNET
- ❖ Downloading information on the current issues to enhance their knowledge.
- ❖ Organizing orientation programme.

### 4.2.8 What are the special facilities offered by the library to the visually / physically Challenged persons? Give details

Library staff offers the necessary assistance to select, borrow and return the library books for physically challenged persons.

### 4.2.9 Does the library get the feedback from its users? If yes how is it analyzed and used for improving services. (What strategies are deployed by the library to collect feedback from users? How is the feedback analyzed and used for further improvement of the library services?)

Yes, Feedback from users is analyzed to improve the services and facilities provided by central library. Users provide the feedback on prescribed feedback forms and the advisory committee decides the action to be taken on both positive and negative feedbacks.

## 4.3 IT /ICT for Teaching Learning

### 4.3.1 Give details on the computing facility available (hardware and software) at the institution. Number of computers with Configuration (provide the different configuration and number of systems available for each)

The following are the configuration of the computers available at the college.

Sl. No.	System Configuration	No. of systems
1	DELL/Optilex 3020/Intel (R) Core (TM) i5 – 4570 CPU @ 3.20 GHz 4 GB DDR3 SDRAM/500 GB Hard Disk	200
2	DELL/Optilex 3020/Intel (R) Core (TM) i3 –4130 CPU @ 3.20 GHz 4 GB DDR3 SDRAM/500 GB Hard Disk	90

3	INTEL CORE i3-3220(3.30GHz)/ RAM 4GB DDR3/500GB SATA HDD/1GB AMD RADEON 18.5" LED MONITOR	36
4	HCL/INTEL CORE i3-550 /3.2 GHZ/ INTEL H55 CHIPSET MOTHER BOARD/2GB DDR3 RAM/DVD WRITER/500GB SATA HARDDISK/15.6" TFT MONITOR	500
5	ACER /CORE 2 QUAD 2.5 GHZ/INTEL G31 CHIPSET MOTHERBOARD/ 2GB DDR2 RAM/ 320GB SATA HARDDISK/DVD ROM DRIVE/ 15.6" TFT MONITOR	166
6	ACER/CORE 2 DUO 2.6 GHZ/ INTEL 945GC CHIPSET MOTHERBOARD / 1GB DDR2 RAM/ 160GB SATA HARDDISK/DVD ROM DRIVE/ 17" TFT MONITOR	45
7	ACER/CORE 2 QUAD 2.6 GHZ/ INTEL 945GC CHIPSET MOTHERBOARD /2GB DDR2 RAM/ 160GB SATA HARDDISK/17" TFT MONITOR/DVD ROM DRIVE	15
8	ACER/ CORE 2 DUO 2 GHZ/ INTEL 945GC CHIPSET MOTHERBOARD /2GB DDR2 RAM/ 160GB SATA HARDDISK/17" TFT MONITOR	100
9	WIPRO/ PENTIUM D 2.8 GHZ/INTEL 945G CHIPSET MOTHERBOARD/ 512MB DDR2 RAM/ 80GB SATA HARDDISK/52X CDROM DRIVE / 15'CRT MONITOR	150
10	WIPRO/ PENTIUM 2.4GHZ/INTEL 845G CHIPSET MOTHERBOARD/ 512MB DDR1 RAM/ 40GB IDE HARDDISK/ 52XCDROM DRIVE/ 15" CRT MONITOR	60
11	WIPRO/ PENTIUM 2.4GHZ/INTEL 845G CHIPSET MOTHERBOARD/ 512MB DDR1 RAM/ 40GB IDE HARDDISK/ 52XCDROM DRIVE/ 17" CRT MONITOR	128

**Total 1490**

#### Licensed software

The following is the list of licensed software available in the college.

Dept	List of Licensed Software	No. of Licenses
CSE	Boarland Turbo c++	1
	MS Visual Studio 6.0 Professional	1
	MS Win 2000 Professional	1
	MS Win 2000 Server	1
	Oracle 8i Std. Edition	23+18
	MSDN Professional 6.0	1
	Redhat Linux 7.1 Professional	1
	Novell Netware 5.1	1
	SCO Open Server Enterprise 5.0	1
	Adobe Photo Shop 7.0	1
	Rational Seed Programe 30 User Pack	1
	MS Office XP Professional Media Kit	1

	MS SQL 2000 Server OLP Edu.	1
	MS SQL 2000 Server Media Kit	1
	MS VS .NET Pro 2003 OLP Edu.	30
	MS VS .NET Pro. 2003 Media Kit	1
	MS Office 2003 Pro. OLP Edu.	1
	MS SQL 2000 Device CAL OLP Edu.	30
	MM Studio MX2004 Win CD Edu.	1
	MM Director MX2004 Win CD Edu.	1
	Windows Computer Cluster Server 2003	9
	Windows Computer Cluster Server 2003 Media	1
	Microsoft Windows Home Basic 7	200
	Win Standard 7 SNGL OLP	400
	Windows 7 Professional Media Kit	1
	Lotus Smart Suite CD	1
	MS Windows Server CAL 2008 English	20
	MS Windows Svr Std 2008 R2 OLP Academic	4
	Red Hat Enterprise Linux Server Standard	1
	MS Win Svr Std 2008R2 64bit Eng. DISK KIT	1
	Red Hat Enterprise Linux 6 for Server Media Kit	1
BT	Bio Suite v.3.0	1
ECE	P SPICE	5
	TANNER	10
	Matlab	11+10
	Code Composer Studio	1
	Orcad	7
EEE	E-TAP 4.0	5
	PSCAD	5
	POWER WORLD SIMULATOR	N users
	CYME	5
EIE	LabVIEW	50
	Xilinx	25
Civil	Staad Pro	5
	AutoCAD	40
Mech	Solidworks 2013	30
	Mastercam for Solidworks	15
	FEMAP with NX Nastran	40
	NX (CAD/CAM/CAE) full pack	1
	Autodesk Products	125
	Automation Studio	11
	Pro-E Wildfire 2	5
	CADEM	5
	ANSYS 11	25

### Indigenously developed Software

- A digital notice board cum campus news telecast is developed by using ODROID U2 – OS which is half the size of an ATM card through which the campus news, both present and future program/events, are displayed in the TV. The information is also compiled as satellite channel news and it is read by student volunteers so that they develop the report writing skills and speaking skills.
- An automated software “LH Leave Management System” is developed to provide facility for the Girls Hostel students to apply for leave through Authenticated parents’ mobile number.
- The following software are developed for the office account section to generate the payment report and to alert the supplier regarding the payments sent to bank :
  - (i) Supplier payment report system.
  - (ii) Supplier payment alert system through SMS.
- An automated software “Hall Booking System” is developed to facilitate to book conference/seminar halls for events through intranet.

### Number of nodes/ computers with Internet facility

Staff	:	153
Boys Hostel	:	16
Girls-Hostel	:	15
Library	:	54
Training and Placement	:	07
Labs	:	1224
-----		
Total	=	1469
-----		

### 4.3.2 Detail on the computer and internet facility made available to the faculty and students on the campus and off-campus?

- 1469 systems out of 1490 available in the campus are connected to the Internet.
- Wi-Fi connectivity is available throughout the campus.
- Residential students can access internet from hostel.
- College members deputed for official duty are provided with laptop and net card to work off campus.
- Expenses incurred on internet facility used for official purpose outside the campus are reimbursed.

### List of systems available for Students and Staff Members

Sl.No.	Department	No. of Systems for Students	No. of Systems for Staff
1.	Administrative Office	--	25
2.	Computer Science Engineering	325	19
3.	Electronics and Communication Engineering	90	6
4.	Electrical and Electronics Engineering	72	07
5.	Bio Technology	18	9
6.	Information Technology	368	06
7.	Civil Engineering	40	05
8.	Electronics and Instrumentation Engineering	51	07
9.	Mechanical Engineering	56	8
10.	Common Computing Facility	125	-
11.	Software Systems	65	-
12.	Polymer Technology	-	16
13.	Placement Cell	--	7
14.	Sports Section	--	01
15.	Library	34	20
16.	Physics	--	05
17.	English	60	2
18.	Maths	--	02
19.	Exam Cell	--	02
20.	Gents Hostel	16	--
21.	Ladies Hostel	15	1
22.	Chemistry	--	1
23.	Industry Institute Interaction Cell	--	1
24.	Mechatronics	--	3
25.	Miscellaneous(yet to be allotted)	--	2
	<b>Total</b>	<b>1355</b>	<b>155</b>
Systems available in LABs		<b>1335</b>	
Systems provided to Staff Members		<b>153</b>	
Miscellaneous		<b>2</b>	
Grand Total		<b>1490</b>	

### Computer-student ratio

UG	:	1 : 2.48	<b>1247 / 3092</b>
PG	:	1 : 1.34	<b>108 / 145</b>
Staff	:	1 : 2.3	<b>153 / 357</b>

### Stand alone facility

There are 19 computers connected to instruments in this college. The details are

Department	No. of standalone systems
EIE	09
Mech	04
BT	02
ECE	02
PT	02

### LAN facility

Most of the computers available in the college are part of Local Area Networking. Wifi facility is also available to improve mobility.

#### 4.3.3 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

- Computer systems are upgraded with latest configuration at regular intervals as per the need and requirements of the various departments.
- Enough provision is made available in the annual budget for the procurement of the computers and software.
- All the computers in the campus are regularly monitored for their performance by the lab technicians and the system administrator.
- The trouble/problems experienced in the systems are reported by the technicians in the intranet at URL “helpdesk.kcetvnr.org”. The maintenance staff will attend the trouble and in case any spares needed will be replaced and the call will be closed.
- All the servers are under AMC.

#### 4.3.4 Provide details on the provision made in the annual budget for procurement, up-gradation, deployment and maintenance of the computers and their accessories in the institution (Year wise for last four years)

Sufficient amount is allotted for procurement and upkeep of the IT infrastructure. The details are given below:

		2010-11	2011-12	2012-13	2013-14
<b>Equipment (Non-Recurring)</b>	<b>Budget in Rs.</b>	37,00,000	1,07,60,000	8,50,000	7,50,000
	<b>Amount Spent in Rs.</b>	34,15,412	95,99,900	43,450	13,29,250
<b>Consumables (Recurring)</b>	<b>Budget in Rs.</b>	--	--	--	--
	<b>Amount Spent in Rs.</b>	56,400	4590	88,270	1,43,100

Maintenance (Recurring)	Budget in Rs.	--	1,00,000	1,50,000	5,00,000
	Amount Spent in Rs.	78,900	1,67,870	53,419	29,038
Renewal (Recurring)	Budget in Rs.	17,15,000	31,40,000	13,50,000	20,00,000
	Amount Spent in Rs.	12,22,027	18,03,682	15,60,835	12,31,297

#### **4.3.5 How does the institution facilitate extensive use of ICT resources including development and use of computer-aided teaching/ learning materials by its staff and students?**

The College has a number of ICT resources at its disposal to the teaching staff and students. All the teaching staff members are encouraged to use the facilities available to them in the class rooms which are duly planned and recorded in the lecture schedule.

- All the departments are provided with LCD Projectors. NPTEL videos are included in the lecture plan.
- State of the art Computer labs are there to enable students to surf the net and view the educational videos. Also NPTEL videos are made available in the college intranet and students can view it at any time while in the college. Hostel students can view it from hostel also.
- Webinars on industry relevant topics and technologies conducted by Infosys are made available to students.
- Personal laptops are allowed to access college intra net. Staff members can access internet through their smartphones.
- Live telecast of lectures by eminent professors of Anna University through EDUSAT help the students to feel the ambience of Anna University.
- Well estimated infrastructure supports the quick / fast sharing of information among the staff and student through the official Email ID and the college website is dynamically maintained and updated with current / latest information.
- Digital section in the central library helps the students & staff to surf the net.
- Online tests are conducted using MOODLE software.

We have a digital display board for displaying the events happening in the college and also the upcoming events.

#### **4.3.6 Elaborate giving suitable examples on how the learning activities and technologies deployed (access to on-line teaching – learning resources, independent learning, ICT enabled classrooms/learning spaces etc.) by the institution place the student at the centre of teaching-learning process and render the role of a facilitator for the teacher.**

Prior to commencement of each semester, staff prepares a course file for the subjects allotted to them. This file includes a course plan indicating the flow of teaching with the probable teaching aids. Also course plan will have the web links referred by the staff. With this guidance students explore the topics to gain additional knowledge. NPTEL video sources are

intimated to students to facilitate them to view the contents as many times they wish till the concept is understood. Course contents delivered to the students are made available in a common server and all students can access it. There are provisions for sending notes and lecture presentations to group mail ids. Students make use of the internet lab facilities and prepare for seminars and presentations. Round the clock net facility and wifi facility throughout the campus give plenty of advantage to students those who have knowledge thirst. Spoken tutorial workshops are organized. EDUSAT programs are made available to students. This college has subscribed for IEEE, Science Direct, ASME, ASCE and many e-journals (Please refer 4.2.4 for details of e-journals subscribed). Students make use of these facilities under the guidance of staff for research work.

Mock online practice tests for NAC, GATE and placement are conducted. Model making competitions are conducted to improve the creativity of the students.

The institution ensures that students and teachers have easy access to all the on-line teaching-learning resources, independent learning and ICT enabled learning spaces.

**4.3.7 Does the Institute avail of the National Knowledge Network connectivity directly or through the affiliating university? If so, what are the services availed of?**

No. This Institute does not avail of the National Knowledge Network connectivity.

**4.4 Maintenance of Infrastructure and Facilities**

**4.4.1 How does the institution ensure optimal allocation and utilization of the available financial resources for maintenance and upkeep of the following facilities substantiate your statements by providing details of budget allocated during last four years)?**

a.	Building
b.	Furniture
c.	Equipment
d.	Computers
e.	Vehicles
f.	Any other

Every year fund is allocated for purchase and upkeep of furniture, equipment, computers etc. Plans are made for construction of new buildings on need basis. Academic Block IV is constructed to accommodate the increased intake in CSE, ECE, EEE, Civil and Mech department. The details of fund allotted and utilized are enclosed as Criterion IV: Annexure 4.

#### 4.4.2 What are the institutional mechanisms for maintenance and upkeep of the Infrastructure, facilities and equipment of the college?

Maintenance activity is an integral part of the regular activity of this institution. Budget is allotted for maintaining the buildings and equipment. In addition to it, the following are done to monitor the maintenance activity:

- Annual Stock Taking
- Movement Registers to monitor equipments movement inside the college.
- Complaint / Servicing Register for Infrastructure maintenance of
  - Furniture
  - Intercom
  - Electrical work
  - Building
  - Plumbing
  - House Keeping
- Log books for monitoring effective usage of the Equipment available in the departments on day to day basis in every department.
- AMC for copier machines, computers etc.

#### 4.4.3 How and with what frequency does the institute take up calibration and other precision measures for the equipments/instruments?

The institution takes up calibration and other servicing measures for the equipment/instruments through suppliers and service personnel. In some cases this is done through annual maintenance service. The following table gives the details of the calibration done in this college for the precision equipment/instruments:

Dept	Equipment Nomenclature	Frequency of calibration	Remarks
Biotechnology	Micropipette	Bi-annual	Pipettes will be sent to the NABL accredited micropipette calibration laboratory (The Pipettemann, Coimbatore)
	pH meter	Daily	In-house calibration by respective in-charges
	Weighing balance	Monthly	In-house calibration by respective in-charges
	UV-Spectrophotometer	Monthly	In-house calibration by respective in-charges

CSE, IT	Computers	Bi-annual	Hard Disk is formatted and required software are reloaded to improve performance
EEE	Measuring instruments, Machines, Sources	Annual	Lab technicians or particular servicing companies
Mechanical	Lathe Machine, Drilling Machine, Shaping Machine, Grinding Machine	Bi-annual	Manual checking
Polymer Technology	Elemendorf Tear Tester	Before Testing at each time	Internally
Civil	Universal Testing Machine, Compression Testing Machine, Dial Gauges, Balance, Theodolite Units, Total Station Units	Annually	Standard Calibration by supplier
EIE	All Equipment	Before testing at each time	Internally
ECE	All Measuring instruments	Annual	Calibration done internally Equipment are serviced by per call basis

**4.4.4 What are the major steps taken for location, upkeep and maintenance of sensitive equipment (voltage fluctuations, constant water supply etc.,)?**

- Our institution maintains its power factor as 0.99.
- UPS and voltage stabilizers to safeguard all sensitive equipments available in the department.
- Auto start generators (500 kVA - 1, 250 kVA-02 and one 75 kVA) to supply power within 5 seconds of power cut.
- 15 kVA genset exclusively for the girls' hostel.
- Number of bore wells within the campus provides constant water supply.
- Five RO plants are installed to secure safe drinking water inside the campus.

## CRITERION V: STUDENT SUPPORT AND PROGRESSION

### 5.1 *Student Mentoring and Support*

#### 5.1.1 Does the institution publishes its updated prospectus/handbook annually? If 'yes', what is the information provided to students through these documents and how does the institution ensure its commitment and accountability?

Yes.

Every year prospectus and Calendar are prepared well in advance and issued with latest information regarding updated infrastructure facilities and academic schedule respectively.

- Prospectus: Vision, Mission and goals of the institution, courses offered, activities and achievements of various departments including placement and training, research and development, facilities available, entrepreneurship development programmes and club activities are given.
  - Calendar: The calendar carries information about the history of the college, Salient features of the college, profile of the Departments, various club activities, Scholarships and loans, list of Governing Council members, Various Gold medal endowments, Rules and regulations, Working days/holidays, dates for tests, odd/even semester academic schedule, Anna University regulations, semester exams, training and placement cell activities etc.
- Great care is taken by the institution to ensure its commitment and accountability in preparation of calendar and prospectus. A team of staff members along with the department heads finalize and verify the content of the prospectus and calendar. The activities committed in the calendar are monitored by the respective Heads of the Departments and deviations in the schedule are avoided to the maximum extent.
- Commitment and accountability in the teaching learning process and evaluation methods are documented through structured formats e.g., Course files, Course plans, lecture schedules, slip test/cycle test/university exam analysis reports etc.
- Reports of all the programmes organized are well maintained in the respective departments.

**5.1.2 Specify the type, number and amount of institutional scholarships / freeships given to the students during the last four years and whether the financial aid was available and disbursed on time?**

The financial aid was available and disbursed on time. The details are given below:

**Table 1: Institutional Scholarships / Freeships – General**

Dept.	Category		2009-10		2010-11		2011-12		2012-13		2013-2014	
	Sports / Merit	Tuition Fee Waiver (Half)	No	Amount (Rs)	No	Amount (Rs)	No	Amount (Rs)	No	Amount (Rs)	No	Amount (Rs)
CSE		√	29	490000	7	155000	4	100000	-	-	-	-
ECE		√	7	175000	6	227500	14	420000	2	80000	-	-
EIE		√	-	-	-	-	-	-	-	-	-	-
PT		√	12	222500	8	115000	9	275000	-	-	-	-
IT		√	14	210000	-	-	1	40000	-	-	-	-
EEE		√	1	25000	-	-	1	40000	1	35000	-	-
BT		√	-	-	2	25000	1	40000	-	-	-	-
MECH		√	2	35000	3	15000	2	65000	-	-	-	-
CIVIL		√	-	-	-	-	-	-	-	-	1	40000

✓ Gold medal endowments are created and gold medals are awarded in order to motivate the students for the following achievements:

- First Rank in the class of every year in their respective branches of study. (First year – 13 awards, Second year – 12 awards, Third year – 6 awards, Fourth year - 10 awards)
- Best all-rounder in the respective years (4 awards).
- Best All Round NCC Cadet Endowment (1 award)
- Library Book Endowment (1 award)

✓ The financial aid in the form of fee waiver is given to the students based on their 12<sup>th</sup> cut off (193/200 or 580/600 and above) when they seek admission.

**Details of gold medallists are given in Criterion V : Annexure 1**

### 5.1.3 What percentage of students receives financial assistance from state government, central government and other national agencies?

The numbers of the students availing the scholarships are as follows:

**Table 2 : Percentage (%) of students availing scholarships**

Duration	Category		
	Central Government	State government	Other National Agencies
	SC/ST	BC / MBC	
2009-10	4.16	21.98	-
2010-11	4.73	15.34	-
2011-12	5.65	17.24	-
2012-13	6.75	23.63	-
2013-14	—	12.58	-

**Table 3 : First Graduate Scholarship**

Dept.	2010-11 Batch		2011-12 Lateral		2011-12 Batch		2012-13 Lateral		2012-13 Batch		2013-14 Lateral		2013-14 Batch	
	No	Amount (Rs.)	No	Amount (Rs.)	No	Amount (Rs.)	No	Amount (Rs.)	No	Amount (Rs.)	No	Amount (Rs.)	No	Amount (Rs.)
CSE	39	780000	15	300000	30	600000	13	260000	34	680000	10	200000	29	580000
ECE	20	400000	4	80000	51	1020000	14	280000	42	840000	7	140000	40	800000
EIE	19	380000	7	140000	19	380000	4	80000	15	300000	2	40000	20	400000
PT	14	280000	5	100000	13	260000	12	240000	10	200000	5	100000	20	400000
IT	16	320000	5	100000	16	320000	6	120000	22	440000	2	40000	17	340000
EEE	19	380000	6	120000	20	400000	6	120000	50	1000000	11	220000	41	820000
BT	19	380000	0	0	16	320000	0	0	15	300000	0	0	9	180000
MECH	28	560000	10	200000	24	480000	1	20000	24	480000	5	100000	40	800000
CIVIL	26	520000	6	120000	27	540000	2	40000	18	360000	4	80000	38	760000
	200	4000000	58	1160000	216	4320000	58	1160000	230	4600000	46	920000	254	5080000

### 5.1.4 What are the specific support services/facilities available for

- ✓ (1) Students from SC/ST, OBC and economically weaker sections
  - Information on various scholarships and funding agencies.
  - Assistance to obtain scholarship sanctioned by state and central governments.
  - Waiver of tuition fees according to government rules.
  - Book bank facility for SC/ST students in the library from which they can borrow additional books.

✓ **(2) Students with physical disabilities**

- Permission to use their own vehicle inside college campus.
- Elevator facility in all the buildings.
- Side railing on both the sides of all the stairs.
- All buildings are connected through corridors.
- Information on various scholarships and funding agencies.
- Understanding and helpful faculty members.
- One to one help in library and canteen

✓ **(3) Overseas students**

There are no overseas students in this college.

✓ **(4) Students to participate in various competitions/National and International**

- Support to attend conferences and seminars by providing full/part of registration fees in special cases (economically weaker students).
- On duty permission to participate in events.
- Special permission to attend NSS, NCC camps.
- Staff members help to prepare abstracts, manuscripts and posters.
- All rounder award and certificate on achiever's day celebration based on participation in various competitions / national & international.

✓ **(5) Medical assistance to students: health center, health insurance etc.**

- Medical Centre with basic necessary facilities in the campus and in hostels.
- Full time doctor and nurse.
- Transport facility for emergency cases.
- Availability of medicines, intravenous fluids and first aid facility.
- Separate health room in girl's hostel.
- Medicine is distributed free of cost.
- Accident group insurance for students.

✓ **(6) Organizing coaching classes for competitive exams**

- Coaching classes / Mock test for various competitive examinations like GATE/TANCET, CSIR, CAT/MAT etc. are arranged.
- Special career guidance programs are arranged periodically.
- The college has sufficiently well stocked library books for CAT/GRE/TOEFL/GATE/IELTS/MAT/XAT etc.

**Table 4: Special coaching given to students**

Activity/Year	2009-10	2010-11	2011-12	2012-13	2013-14
GATE/CSIR/TANCET	04	31	21	148	412
CAT/MAT	-	-	2	-	-
TOEFL/IELTS					

✓ **(7) Skill development (spoken English, computer literacy, etc.,)**

- Spoken English tutorial classes are arranged in the Evening.
- Leadership development and communication skill programmes are conducted.
- Technical training – Labview, SciLab, MatLab, Android, Hardware workshops, NSDC, Mobile TV Service, Infosys Campus connect, CLHRD, Worksenses, IMS, Find Mind, AxisV, Col's Caliber etc.
- Programmes like Art of Living, STAAD-PRO, EMC2 are also conducted to improve the student's skill development.
- Aptitude, reasoning & verbal ability coaching classes arranged during each semester as part of their placement training.
- Hindi coaching classes.
- Content beyond syllabi designed based on industrial need.

**Details of training programmes are given in Criterion V : Annexure 2**

✓ **(8) Support for "slow learners"**

In our college, there are no slow learners, however, we give coaching classes for students who have many arrears.

- Coaching Classes and Retests are arranged after the college hours.
- Remedial labs are conducted for students who need special guidance in understanding the concept behind a particular experiment.
- Support for clearing arrears.
- Simplified learning materials and prepared handouts.
- Counseling and motivation.

**Details of Counseling & Reappearance Coaching are given in Criterion V : Annexure 3**

✓ **(9) Exposure of students to other institution of higher learning/ corporate/business house etc.**

The students are exposed to other institution of higher learning and industries through:

- In-plant training, Industrial visits and projects in other institutions like Central or State Government Laboratories.
- Guest lectures by eminent Industry personnel and persons from other reputed institutions and universities.
- Participation in paper & poster presentation in national/international conferences and seminars.
- Participation in extracurricular activities like debates, quiz and hands on training workshops organized by other institutions.
- Access of magazines and reputed national & international Journals/e-journals. in college and department libraries.
- NPTEL and Webinar lecture series.
- Workshops on entrepreneurship development are organized to enhance the interests of students to start their own business/industry.

✓ **(10) Publication of student magazines**

Every year, students are motivated to contribute their creative work (Art, Poetry, Drawing, Puzzles, Short Articles etc.) in “**TECHMAG**”, the college magazine. The magazine also gives a brief glimpse of various activities conducted by various departments of the college.

**5.1.5 Describe the efforts made by the institution to facilitate entrepreneurial skills, among the students and the impact of the efforts.**

The institution facilitates entrepreneurial skills among the students through:

- Establishment of Innovators Club & Entrepreneurship cell.
- The placement cell also encourages the students to be self employed by arranging guest lectures by eminent entrepreneurs who motivate and guide the students to become successful entrepreneurs.

The following efforts are made by the institution to impart entrepreneurial skills to students:

**Table 5: Entrepreneurship Programmes**

Batch	Date	Guest lecturer details	Topic	No Of programmes conducted	No of Students Participated
<b>2009-10</b>	25.09.09	T.Ramesh, Ashwin polymers, Siliman, Madurai	Entrepreneurship in polymer industries	5	All II,III & IV Polymer Students (79)
	04.02.10	Mr.Palanichamy B.Com.,FCA Chartered accountant, Virudhunagar.	Project Preparation & Financial Management		
	04.02.10	Mr.K.Prahakaran M.B.A Branch Manager, New India Assurance Ltd., Virudhunagar	Challenge Management & Entrepreneurship relation		
	04.02.10	Mr.S.Maruthappan B.E., General Manager, District Industries Commission, Virudhunagar	Entrepreneurial skills & Government Incentives subsidies for enterprises		
	04.02.10	Mr.Sukumar, Manager, LDM, Virudhunagar	Financial support from banks		

<b>2010-11</b>	11.8.10 & 12.8.10	Rtn.M.A.P.R.Krishnamoorthy, Entrepreneur, Virudhunagar	Challenge Management & Entrepreneurship relation	4	All II Year Students (582)
		Mr.Palanichamy B.Com.,FCA Chartered accountant, Virudhunagar.	Project Preparation & Financial Management		
		Mr.S.Maruthappan B.E., General Manager, District Industries Commission, Virudhunagar	Entrepreneurial skills & Government Incentives subsidies for enterprises		
		Mr.Sukumar, Manager, LDM, Virudhunagar	Financial support from banks		
<b>2012-13</b>	22.8.12	Mr.K.Sivaraman, CED, Madurai	Needs & Importance of Entrepreneurship	1	All IV Year Students (582)
<b>2013-14</b>	1.02.2014	Dr.Malathy Prof/College of Engg. Guindy	IETE Student day	1	II ECE
	28.03.2014	Dr.Mathan AP/NIT Trichy	Soft computing	1	IV ECE
	31.03.2014	Dr.Malathy Prof/College of Engg. Guindy	Antenna Theory & Wave Propagation	1	III ECE
	31.03.2014	Dr.Malathy Prof/College of Engg. Guindy	Electromagnetic Fields	1	II ECE

- The impact of the efforts made by the institution to facilitate entrepreneurial skills is evident in the number of entrepreneurs who have emerged after graduation.
- Many final year projects and innovator's club projects have also resulted in product development like, Solar cooker, Hybrid bike etc.

**Table 6: List of Entrepreneurs who are graduates of this college**

Sl No.	Name	Department	Company
1	Mr. A.Sudarshan	EEE	SuperBotics Multitech Pvt.Ltd., Virudhunagar
2	Mr. P.Ajay abinash	CSE	Empty Bottle Studios, Madurai
3	Mr. V.Vignesh Kumar	IT	Global Info Tech, Virudhunagar
4	Mr. M.Ram Kumar	IT	Global Info Tech, Virudhunagar
5	Mr. Lena Serma Kanan (Trainee)	BT	Lena Serma Kannan Rice Mill, Madurai

**5.1.6 Enumerate the policies and strategies of the institution which promote participation of students in extracurricular and co- curricular activities such as sports, games, Quiz competitions, debate and discussions, cultural activities etc.**

- Additional academic support, flexibility in internal examinations, remedial classes.
- Special dietary requirements, sports uniform and materials
- On duty permission, TA / DA, appreciation of student participants by management.
- Well-furnished amenities block for indoor and outdoor games.
- Separate outdoor sports facility for girls in the campus.
- Provides special training for various sports activities to students for participating in major state level and national tournaments.
- Separate trainers for sports activities like yoga, boxing etc.
- Various clubs are available where students can become members. Through these clubs, the institution promotes the participation of students in various extracurricular and co- curricular activities. Details are provided in Criterion V : Annexure 10.
- The institution has allotted a small budget for various departmental association activities conducted every semester under departmental clubs. Details are provided in Criterion V : Annexure 10.
- All the students of our college are life members of ISTE-Student's Chapter. Each Department conducts ISTE-Student's activities every year wherein the students are encouraged to participate in extracurricular and co- curricular activities. The winners are encouraged by presenting them with prizes and certificates. Details are provided in Criterion V : Annexure 10.
- The institution also has a well-established music band called TechBand comprising of students who perform both in college and outside college programmes. Details are provided in Criterion V : Annexure 10.

**Table 7: Polices & Facilities Available for Students**

Sl No	Policies & Facilities provided for	
	Co-curricular activities	Extra-curricular activities
1	On duty to attend various conferences and seminars	On duty to attend inter and intra – college competitions

2	Flexible test schedule	TA/DA for sports personnel
3	Part of registration fees under special criteria (economically weak students)	Special diet, Sports uniform and materials
4	Motivation and assistance through tutors and chairpersons	Transport facility
5	-	Fully equipped modern gym in campus
6	-	College Band (Techbands) with all modern musical instruments & equipment.
7	-	Dedicated faculty in-charges for both fine arts and sports
8	-	Sports complex, sports hour in 1st year curriculum.

In addition to the above, the college also provides basic needs to the neighboring villages through NSS Unit.

**5.1.7 Enumerating on the support and guidance provided to the students in preparing for the competitive exams, give details on the number of students appeared and qualified in various competitive exams such as UGC-CSIR- NET, UGC-NET, SLET, ATE / CAT / GRE / TOFEL / GMAT / Central /State services, Defense, Civil Services, etc.**

- Support and guidance through individual Departments and training & placement cell.
- Coaching / Training / Mock-Tests are conducted for various competitive exams such as UGC-CSIR- NET, UGC-NET, GATE / CAT / TANCET etc.
- The central library has a separate notice board where recent circulars and announcements for higher education and job offers is updated periodically.
- Language lab has interactive softwares which enables the students to prepare for GRE and TOEFL examinations.
- Large number of books on career guidance and competitive examinations are available in Library.

**Special coaching given to students Details given in Table 4**

**5.1.8 What type of counseling services are made available to the students (academic, personal, career, psycho-social etc.)**

➤ **Academic Counseling:**

- College has constituted a dedicated team of Faculty members to counsel the students academically.
- There are subject teachers, mentors/tutors, HODs and professional counsellor, Dr. S. Gomathy., Ph.D, to look after the problems faced by academically poor or irregular students.

➤ **Personal Counseling:**

- Personal counseling and psycho-social counseling is done to motivate the students by a professional counselor, Dr. S. Gomathy., Ph.D.
- Personal care is taken by class tutors/chairperson and department staff members in case of such students.
- A Grievance Redressal Cell is constituted to look into the grievances of students and to attend their problems.

➤ **Career Counseling:**

- The college has a dedicated team of Faculty members for developing Soft Skills of the students. Soft Skill Training Programmes are periodically conducted with internal resource persons and slots are allotted in the regular time table. Course material is prepared by internal faculty in consultation with experts. Also, our students are trained through external corporate training agencies. Training & Placement Cell regularly conducts Group Discussions and Orientation Programmes. Mock Interviews are conducted to identify and improve the skill set of the students.
- The college is an Advanced Partner of Campus Connect initiative of Infosys for enhancing the Employability Skills of the Engineering Graduates.
- Infosys Campus Connect “Soft Skills” module is being rolled out every year to B. Tech students.

**5.1.9 Does the institution have a structured mechanism for career guidance and placement of its students? If ‘yes’, detail on the services provided to help students identify job opportunities and prepare themselves for interview and the percentage of students selected during campus interviews by different employers (list the employers and the programmes).**

Yes.

The college has a structured mechanism for career guidance and placements of its students.

- **Campus Recruitment**

Efforts are being made by the institution to improve the employability of the students and industries are invited to the campus to recruit students. The eligible and interested candidates are absorbed by the industry before completion of the course. Efforts made by the college are given below:

- **Training and Placement cell**

Full-fledged Training & Placement Cell of the institution comprising of TDP Officer, Placement Officers, one Office Assistant and Departmental Coordinators. It monitors and organizes continuously the training and placement activities. The cell regularly contacts all relevant industries / companies and conducts placement drives.

- **Special Training on English Language and Communication Skills**

The College conducts special training classes on English Language and Communication Skills to improve the communication skills of students. It also helps the students to improve their technical presentation and interview performance skills.

- **Regular Training on Aptitude & Other Soft Skills**

Regular training on aptitude and soft skills is provided to the students at pre-final and final year level both by the external and internal resource persons.

- **Special customized training based on Industry requirement**

The suggestions of industry representatives are taken to identify the customized training needs of individual departments. Industry relevant customized training in the form of content beyond syllabi is provided to students before the commencement of recruitment process. In addition, guest lectures are arranged on specialized areas relevant to the present day industry.

**Table 8: Activities & Facilities of Placement Cell**

SI No	Activities of Placement cell	Facilities provided by college
1	Contacting the companies regularly for on campus placement	Air-conditioned Halls to conduct Pre-Placement Talks and other programmes, Labs to conduct on line tests and class rooms to conduct other tests, Halls to conduct Group Discussions, Interview cabins, Soft skill provided through experts, Soft skill softwares available
2	Conducting on campus recruitments	
3	Guest Lectures, seminars and group discussions by Resource Persons from Industry	
4	Conducting Career Awareness programmes by Industry Professionals	
5	Conducting Soft Skill Programmes for students by Industry Experts	
6	Conducting Mock Group Discussion and Mock Interview by HR Professionals	

Details of Training & Placement cell are given in Criterion V : Annexure 4

**Table 9: Placement Details for the UG Program (Consolidated)**

Department	Category	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
CSE	Class Strength	62	65	66	130	139
	Eligible & Interested Number	58	45	47	54	100
	Placed	52	16	47	37	24
IT	Class Strength	65	66	62	62	70
	Eligible & Interested Number	40	40	41	44	47
	Placed	23	13	28	39	20

ECE	Class Strength	61	66	65	63	70
	Eligible & Interested Number	45	40	50	40	46
	Placed	38	34	18	40	28
EEE	Class Strength	67	60	65	65	68
	Eligible & Interested No.	30	30	45	54	45
	Placed	14	14	19	31	09
EIE	Class Strength	64	65	65	64	72
	Eligible & Interested Number	30	40	44	34	40
	Placed	09	24	22	14	12
PT	Class Strength	27	24	30	48	41
	Eligible & Interested Number	23	24	28	28	18
	Placed	19	21	26	19	06
BT	Class Strength	52	63	61	60	56
	Eligible & Interested Number	15	38	53	43	42
	Placed	01	23	25	17	18
MECH	Class Strength	32	30	33	65	71
	Eligible & Interested Number	20	25	19	38	49
	Placed	03	23	18	24	16
CIVIL	Class Strength	NA	NA	NA	64	70
	Eligible & Interested Number	NA	NA	NA	48	34
	Placed	NA	NA	NA	14	06

**Table 10: Placement Statistics for the PG Program (Consolidated Report)**

Category	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Total Strength	NA	19	20	27	18
Eligible No	NA	19	20	25	12
Placed	NA	10	10	5	01

**5.1.10 Does the institution have a student grievance redressal cell? If yes, list (if any) the grievances reported and redressed during the last four years.**

Yes

Actions taken on the grievances redressed during the last four years are as follows:

**Table 11: Actions taken by Grievance cell**

Sl. No	Grievance	Redressal action
1	Quality of food in the mess not good	Improved the quality of the food
2	Not much varieties of food available in the canteen	New menu started in canteen
3	Hostel students not able to access internet after a stipulated time period	24Hrs internet facility made available in hostel & campus via WiFi.
4	Unavailability of doctor after college hours	24 Hrs doctor available in campus clinic and in hostel
5	Dust bins, tumblers and additional fan in the girls waiting room required	The requirements were fulfilled
6	College buses are crowded	New buses were purchased to reduce the crowd
7	Students required bus facility after college hours	Buses are provided at 6 pm for students who wish to stay after college hours to use library facility or for project work completion in labs
8	Unavailability of water cooler in academic block III	New water coolers have been installed in the academic block III
9	Window screens not available in the classrooms	New screens have been provided in all the classrooms

**Details of Complaints cum Redressal committee members are given in Criterion V : Annexure 5**

The basic functions of the cell are:

1. It conducts a thorough enquiry on the complaints received from the aggrieved students, including instances of ragging.
2. It submits the enquiry report to the Principal, with its recommendations on suitable penalty / punishment to be imposed.
3. The Principal, on receipt of the above report, gives an opportunity to the student(s) against whom the complaint was lodged to explain his / her case. The Principal will convene the College Disciplinary Committee meeting in this regard to decide on the measures to be taken.

It is pleasing to note that the incidents of ragging do not occur in our campus.

**5.1.11 What are the institutional provisions for resolving issues pertaining to sexual harassment?**

A harassment prevention cell is formed. The committee is headed by the senior faculty members. More than 50% of the members are women and one member (outside activist) is from NGO. Meetings are arranged once in a semester. Grievance boxes have been placed in prominent places and periodically checked. Whenever any issues are brought in, suitable enquiries are conducted and action taken. It is pleasing to note that such types of incidents do not occur in our campus.

**5.1.12 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?**

Yes, there is an anti-ragging committee.

- During the orientation programs conducted for the first year students, awareness regarding anti-ragging is create among students.
- For the past three years, anti-ragging affidavit form duly signed by the respective students and their parents/guardian are being collected as per the directions of MHRD.
- The public notice, UGC circular and committee members list has been displayed in our college website.
- Ragging is not there in the campus because of the awareness created and punishment liable to be given.

**Details of Anti Ragging Committee are given in Criterion V : Annexure 6**

**5.1.13 Enumerate the welfare schemes made available to students by the institution.**

Yes. Our institution has many welfare schemes for students. Free medical and fitness check up is routinely undertaken.

- Gold Endowment awards.
- Support for participation in conferences, paper presentations etc.
- Funding for in-house and innovative projects.
- Arranging facilities for driving classes and obtaining LLR.
- Supporting facilities for getting educational loan.
- Career guidance and on/off campus placement.
- Support for participation in curricular, co-curricular and extra-curricular events.
- Book bank especially for SC/ST candidates available in the library.

- Excellent Infrastructure for Cultural & Sports activities.
- Yoga classes and well equipped Gym.
- Campus canteen and tuck shop which are maintained hygienically.
- 24 hr internet facility throughout the campus.
- Counseling centre with a professional counselor, visiting once a week.
- ATM, Bank, Stores, Laundry, Stationery & General stores in campus.
- Courier service facility
- Reprographic and binding facilities in the library.
- Medical room with full time doctor & nurse.
- Excellent indoor / outdoor games facility.
- Eco-friendly green campus
- On campus hostels with rooms to accommodate 1060 students.
- Fleet of 24 buses & several vans and cars for transportation of students and staff members.
- RO purified potable drinking water facility throughout the campus.

**5.1.14 Does the institution have a registered Alumni Association? If 'yes', what are its activities and major contributions for institutional, academic and infrastructure development?**

- Yes, the institution has an alumni association.
- The alumni are invited to give guest lectures and career guidance to pre-final and final year students.
- The alumni help to motivate the students.
- Act as ambassadors of the college.

**Contributions of Alumni:**

- Alumni interact with the respective HOD's and give them information regarding current trends and practices in the industries in which they work, so that suitable improvements in the infrastructure facilities can be made in the institution.
- Alumni also interact with the final year students and guide them in preparing for campus interviews in core companies as well as IT / ITES.
- Instrumental in arranging seminars in key area.
- Helps the institution to identify the industries for training so that the students can undergo in plant training.
- Arrange for visit to the industry where they are employed.
- Donate books to department library
- Interactive sessions in providing guidance regarding higher studies, competitive exams and placement for juniors.

**Table 12: Alumni Activities**

Year	Name	Alumini Batch	Contribution of Alumni - Seminar	Alumni Seminars held at
2009-2010	Prabu Sankar	2000-04	Injection Molding Process	Chennai
	S.Jayanthi	2005-09	Shaping your career	
	Vanishree	2005-09	How to face entrance exam	
	Jayaraj Timothy	2002-06	Polymer Materials	
	Anantha Krishnan	2002-06	Future of Polymer Technology	
2010-2011	Selva Ganesh	2006-10	Rubber	Bangalore
	Mareesan	2001-05	Entrepreneurship	
2011-2012	Sunderasan	2007-11	Irrigation	Chennai
	Veeraputhran	2004-08	Automobile Parts	
2012-2013	Muthuraj	2008-12	Tyres	Bangalore
2013-2014	Mr.D.Jegadeesan (Cognizant Technology solutions)	2003-07	Software testing	EEE Department
	Nadar Sakthivel Rajavel R. Adithya Harsha R. Vijayaraghavan	2008 – 2012	Guest Lecture on “Recent Trends in IT”	IT Department
	M. Krishna Moorthy	2006 – 2010	Guest Lecture on “Orientation of Software Testing”	IT Department
	T. Vigneshwar Tech Mahindra	2008-2013	Recent Trends in IT field	CSE Department
	A. ArunPaarthi Prokarma	2007-2011	How to train ourselves to get placement	CSE Department

## 5.2 Student Progression

### 5.2.1 Providing the percentage of students progressing to higher education or employment (for the last four batches) highlight the trends observed.

The trend of students progressing to employment or higher education varies from department to department. Department of Biotechnology shows a trend of progression towards higher education than employment. At the same time, the rest of the Departments show an increasing progression towards employment rather than higher education. The consolidated report on progression of students to higher education and employment is given below:

**Table 13: Consolidated report on Progression of students to Higher education & Employment**

Branch	Year	Higher Education & Employment				
		Total Strength	No. of Students Progressing to Higher Education	Percentage %	No. of Students Progressing to Employment	Percentage %
BT	2009-10	52	28	53.8	6	12
	2010-11	44	16	36.36	12	27.2
	2011-12	43	21	48.8	17	39.5
	2012-13	53	12	22.6	12	23
	2013-14	55	18	32.7	23	41.8
	<b>Total</b>	<b>247</b>	<b>95</b>	<b>38.5</b>	<b>70</b>	<b>28.34</b>
Civil	2009-10	-	-	-	-	-
	2010-11	-	-	-	-	-
	2011-12	-	-	-	-	-
	2012-13	64	16	25	28	44
	2013-14	70	9	12.8	6	9
	<b>Total</b>	<b>134</b>	<b>25</b>	<b>18.65</b>	<b>34</b>	<b>25.37</b>
CSE	2009-10	62	5	8.0	52	84
	2010-11	65	17	26.1	16	25
	2011-12	66	10	15.1	47	71.2
	2012-13	130	12	9.2	37	28.46
	2013-14	139	103	74.1	23	16.54
	<b>Total</b>	<b>462</b>	<b>147</b>	<b>31.8</b>	<b>175</b>	<b>37.8</b>
ECE	2009-10	63	9	14.28	38	60.3
	2010-11	63	9	14.28	31	49.2
	2011-12	65	9	13.84	18	27.7
	2012-13	66	8	12.12	51	77.3
	2013-14	70	8	11.4	22	31.42
	<b>Total</b>	<b>327</b>	<b>43</b>	<b>13</b>	<b>160</b>	<b>49</b>
EEE	2009-10	65	12	18.4	20	30.7
	2010-11	60	16	26.6	16	26.6
	2011-12	65	9	13.8	15	23.07
	2012-13	65	5	7.6	2	3.07
	2013-14	68	2	2.9	15	22.05
	<b>Total</b>	<b>323</b>	<b>44</b>	<b>13.62</b>	<b>68</b>	<b>21.05</b>

EIE	2009-10	65	11	16.9	17	26.15
	2010-11	64	8	12.5	24	37.5
	2011-12	65	3	4.6	14	21.53
	2012-13	64	4	6.25	14	21.8
	2013-14	72	4	5.5	6	8.3
	<b>Total</b>	<b>330</b>	<b>30</b>	<b>9.1</b>	<b>74</b>	<b>22.4</b>
Mech	2009-10	32	2	6.25	11	34.37
	2010-11	30	2	6.67	8	26.67
	2011-12	33	3	9.09	15	45.45
	2012-13	65	2	3.07	16	24.6
	2013-14	71	3	4.2	12	16.9
	<b>Total</b>	<b>231</b>	<b>12</b>	<b>5.2</b>	<b>62</b>	<b>26.83</b>
PT	2009-10	24	5	20.8	19	79.16
	2010-11	23	1	4.3	4	17.39
	2011-12	28	3	10.7	10	35.71
	2012-13	46	5	10.86	11	23.9
	2013-14	41	10	24.4	1	2.4
	<b>Total</b>	<b>162</b>	<b>24</b>	<b>15</b>	<b>45</b>	<b>27.7</b>
IT	2009-10	65	8	12.3	43	66.15
	2010-11	66	5	7.5	15	22.72
	2011-12	62	6	9.6	28	45.2
	2012-13	62	2	3.2	37	59.6
	2013-14	69	4	5.7	22	31.88
	<b>Total</b>	<b>324</b>	<b>25</b>	<b>8</b>	<b>145</b>	<b>45</b>

**5.2.2 Provide details of the programme wise pass percentage and completion rate for the last four years (cohort wise/batch wise as stipulated by the university)? Furnish programme-wise details in comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city / district.**

**Table 14: Programme wise pass percentage and completion rate**

CIVIL	MECH	IT	CSE	ECE	EEE	EIE	PT	BTK	Dept	Batch
-	32	65	65	63	60	64	23	52	Total	2006-10
-	27	55	56	58	54	51	15	50	Grad	
-	84	85	86	92	90	80	65	96	%	
-	30	66	66	65	65	65	28	44	Total	2007-11
-	23	57	51	55	49	47	16	42	Grad	
-	77	86	77	85	75	72	57	95	%	
-	33	62	65	66	65	64	46	43	Total	2008-12
-	31	40	55	60	50	48	35	36	Grad	
-	94	79	85	90	77	75	76	84	%	
64	65	62	130	63	65	64	46	52	Total	2009-13
63	60	50	103	52	50	54	35	48	Grad	
98	92	81	79	83	77	84	76	92	%	
70	71	69	139	70	68	72	41	55	Total	2010-14
47	57	49	113	62	58	54	26	51	Grad	
67	80	71	81	89	85	75	63	93	%	

- ✓ Data for comparison with that of the previous performance of the same institution and that of the Colleges of the affiliating university within the city/district could not be obtained.
- ✓ The university rank holders of our college for the past five years is given below:

**Table 15: University Rank Holders for the past five years**

Dept.	RANK LIST UG / PG									
	2009-2010		2010-2011		2011-2012		2012-2013		2013-2014	
	No of Students	Rank	No of Students	Rank	No of Students	Rank	No of Students	Rank	No of Students	Rank
CSE	-	-	1	17	3	30, 36, 49	5	17, 31, 34, 38, 45	15	5, 7, 9, 11, 14, 27, 29, 34, 36, 39, 40, 44, 45, 46, 50
ECE	1	21	1	38	2	10, 18	2	34, 46	6	1, 17, 20, 33, 34, 38
EIE	-	-	-	-	3	1, 3, 9	3	1, 2, 7	3	3, 4, 8
PT	-	-	2	1, 2	1	1	1	1	2	1, 2
IT	-	-	-	-	1	9	2	9, 48	4	15, 17, 23, 27
EEE	-	-	1	40	6	1, 10, 14, 19, 28, 47	8	7, 9, 16, 18, 23, 38, 44, 45	6	23, 28, 29, 47, 48, 50
BT	3	10, 11, 32	6	7, 13, 24, 37, 45, 46	2 (M.Tech)	1, 2	3	1, 2, 5	3	1, 3, 4
MECH	1	19		-	3	6, 14, 31	-	-	4	4, 5, 32, 35
CIVIL	-	-		-	-	-	-	-	1	2
M.Sc.	1	2		-	4	10, 2, 4, 6	4	3, 6, 7, 7	4	1, 2, 5, 6
M.E. C & C									3	7, 10, 13

### 5.2.3 How does the institution facilitate student progression to higher level of education and/or towards employment?

#### Student progression to higher level of education

- Exposure to various higher education institutions through eminent scientists and guest lecturers, Webinars.
- Special coaching for entrance exams and competitive exams like CSIR, GATE, CAT, XAT etc.

#### Student progression towards employment

- By organizing recruitment drives.
- The recruitment drives takes care of the students' preparation for joining a new job and sharpening their skills to perform effectively in organizations.
- By providing a platform for the students to know about the high potential courses that need to be pursued in order to excel in higher education.
- Career guidance programmes, personality development programmes and education fairs are organized every year.
- Placement cell offers resources, guidance and support for students, aspiring for higher studies in India and Abroad.

#### **5.2.4 Enumerate the special support provided to students who are at risk of failure and drop out?**

- Special counseling
- Extensive coaching
- Parent – Teacher meetings
- One to one meeting with all subject faculty members
- Providing handouts which includes key points
- Providing well framed answers for important university questions
- Encouragement by alumni
- Counseling by alumni and peer enablement (bright students coach the weak students).
- Tutor / Mentor System followed.
- The drop out ratio of college is almost negligible.
- All students with arrears are divided amongst the faculty members in the respective departments. They meet them regularly and help them to prepare for clearing the arrears.

**Table 16: Dropout rate in UG and PG (average of the last two batches)**

<b>UG</b>	2.4%	<b>PG</b>	1.9%
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### **5.3 Student Participation and Activities**

#### **5.3.1 List the range of sports, games, cultural and other extracurricular activities available to students. Provide details of participation and program calendar.**

##### **a) Sports & Games Facilities:**

The Department of Physical Education looks after the Games and Sports activities. The Department is headed by two qualified Physical Directors and possess the required infrastructure.

The college has exclusive amenities block for indoor games (Table tennis, Tennis, Carom, Chess, etc.) and also has well developed playgrounds for various games like Volley ball, Cricket, Badminton, Football, Throwball, Tennis, Basketball, Hockey, kabbadi, Athletics (short, middle and long distance running, sprint, high jump, long jump, discuss throw, shot put, relay).

The participation of students in Games & Sports activities are fundamentally of two types.

1. Intramural games & sports activity
2. Extramural activities outside the college

**There is a separate outdoor sports facility for girls in the campus.**

##### **b) Literary and Cultural activities:**

- Literary and Cultural activities are under the supervision of cultural committee called Finearts club.
- Competitions are conducted as a part of Tech-O-Fest.

**Cultural programmes include:**

- Dance, drama, music (Techbeats & Techbands), Techofest, Finearts club.

**Other Extracurricular activities:**

- NSS : National Service Scheme
- YRC : Youth Red Cross
- Rotaract : For community services and volunteers for college functions, Blood donation camps etc,
- Gardening Club : To promote awareness about the green environment
- LEO & RRC : Blood donation camps
- NCC : National Cadet Corps

**Details of Extracurricular activities are given in Criterion V : Annexure 7**

**Table 17: EVENT CALENDER**

S.No	Date	Name of Activity	Organised by
2010-11	15.8.2010	Independence Day Celebration (NCC)	KCET, Virudhunagar
	19/03/2011	13th College Day Celebration	KCET, Virudhunagar
	05.09.2010	Teachers Day Celebration (NSS)	KCET, Virudhunagar
	01/04/2011	65th KVS Exhibition (Tech-Beats)	KVS Managing Board, Virudhunagar
	26.1.11	Republic Day Celebration-NCC	KCET, Virudhunagar
	17-09-2010	Tech-o-fest	KCET, Virudhunagar
	12-02-2011	Sports Day	KCET, Virudhunagar
2011-12	17/03/2012	14th College Day Celebration	KCET, Virudhunagar
	26.1.12	Republic Day Celebration-NCC	KCET, Virudhunagar
	15.8.2011	Independence Day Celebration (NCC)	KCET, Virudhunagar
	05.09.2011	Teachers Day Celebration (NSS)	KCET, Virudhunagar
	06.04.2012	66th KVS Exhibition (Tech-Beats)	KVS Managing Board, Virudhunagar
	11-02-2012	Sports Day	KCET, Virudhunagar
	12-08-2011	Tech-o-fest	KCET, Virudhunagar
2012-13	16.03.2013	15th College Day Celebration	KCET, Virudhunagar
	15.8.2012	Independence Day Celebration (NCC)	KCET, Virudhunagar
	05.09.2012	Teachers Day Celebration (NSS)	KCET, Virudhunagar
	26.1.2013	Republic Day Celebration-NCC	KCET, Virudhunagar
	05.04.2013	67th KVS Exhibition (Tech-Beats)	KVS Managing Board, Virudhunagar
	08-03-2013	Sports Day	KCET, Virudhunagar
	23-02-2013	Tech-o-fest	KCET, Virudhunagar

2013-14	29.03.2014	16th College Day Celebration	KCET, Virudhunagar
	04.04.2014	68th KVS Exhibition (Tech-Beats)	KVS Managing Board, Virudhunagar
	26.1.2014	Republic Day Celebration	KCET, Virudhunagar
	08.02.2014	Sports Day	KCET, Virudhunagar
	15.8.2013	Independence Day Celebration (NCC)	KCET, Virudhunagar
	08-08-2013	Tech-o-fest	KCET, Virudhunagar
2014-15	05.6.2014	World Environment Day	KCET, Virudhunagar
	05.9.2014	Teachers Day Celebration (NSS)	KCET, Virudhunagar
	19.8.2014	Tech-o-fest	KCET, Virudhunagar
	15.9.2014	Engineer's Day Celebration	KCET, Virudhunagar
	15.8.2014	Independence Day Celebration (NCC)	KCET, Virudhunagar

**5.3.2 Furnish the details of major student achievements in co-curricular, extracurricular and cultural activities at different levels: University / State / Zonal / National / International, etc. for the previous four years.**

- Students participate in various co-curricular, extracurricular and cultural activities at various levels including national and international levels.
- The details of the participation in given:

**Details of Extracurricular activities are given in Criterion V : Annexure 7**

**Details of Co curricular activities are given in Criterion V : Annexure 8**

**5.3.3 How does the college seek and use data and feedback from its graduates and employers, to improve the performance and quality of the institutional provisions?**

- Feedback is collected using well structured questionnaire.
- Employer feedback – The employers of the organizations are requested to give their feedback on the performance of the Alumni of this college employed in their organizations and this feedback is utilized to modify our methodology of teaching to suit industrial needs.
- Alumni feedback – The feedback is taken from all the graduates every year seeking their opinion on the instructions and delivery, infrastructural facilities, library facilities, computing facilities, games & sports facilities, training facilities, support to placement activity, etc. The feedback of the alumni is compiled and all the suggestions made by the alumni are taken into consideration for effective improvements.

**5.3.4 How does the college involve and encourage students to publish materials like catalogues, wall magazines, college magazine, and other material? List the publications/ materials brought out by the students during the previous four academic sessions.**

- College also motivates students for publishing their research findings and topics related to the current technological developments in the form of presentation of technical papers and posters in conferences by providing ON- Duty permission, flexibility in test schedule and by giving appreciation certificates during achiever's day and sharing the registration fee and travel expenditure.
- Complements are given to encourage students on contribution to college magazine.
- Students are given the required motivation and conceptual help for preparing technical papers at National level paper contests and financial support is provided as per norms.
- Further, the students are motivated to go on in-plant training and collaborative works with industries and at the end of the training they prepare a project report.
- The best Department certificate and award is given every year based on students and staff member's achievements in various co-curricular & extra-curricular activities.

**Student's contribution in college magazine**

**Table 18: Students contribution in college magazine**

<b>Sl. No.</b>	<b>Academic Year</b>	<b>Activity</b>	<b>Number of Publications</b>
1.	2009 – 2010	Students contribution to College magazine	167
2.	2010 – 2011	Students contribution to College magazine	160
3.	2011 – 2012	Students contribution to College magazine	206
4.	2012 – 2013	Students contribution to College magazine	127
5.	2013-2014	Students contribution to College magazine	43

**Table 19: Number of Students projects in collaboration with Industry**

<b>Academic Year</b>	<b>Total Students</b>
<b>2009-10</b>	9
<b>2010-11</b>	18
<b>2011-12</b>	25
<b>2012-13</b>	14
<b>2013-14</b>	74

**Table 20: Consolidated Data of Our Students Collaborating with Other Institutions for Project:**

Academic Year	Total Students
2009–10	13
2010–11	5
2011–12	15
2012–13	11
2013-14	15

**Table 21: In-Plant Training attended by Students**

Academic Year	Total Students
2009-10	96
2010-11	149
2011-12	113
2012-13	121
2013-14	355

**5.3.5 Does the college have a Student Council or any similar body? Give details on its selection, constitution, activities and funding.**

No, the college does not have a student council. Each class has a class representative and these representatives are selected by the department.

The girls and boys hostel have a Student Council consisting of student members who are selected based on general election held at the respective hostels. The council has 4 member representatives from each year. One representative from each year is in-charge of the mess, general amenities, academics, gardening in the hostel and sports respectively. There is no separate funding for the council.

**Details of Girl's & Boy's hostel student council members are given in Criterion V : Annexure 9**

**5.3.6 Give details of various academic and administrative bodies that have student representatives on them.**

Taking cognizance of important role of students in different academic and administrative activities, students are nominated as members of various committees.

**Academic Bodies**

- Class Committee

### Administrative Bodies

- Anti Ragging committee
- Women Grievance Redress Committee
- Hostel student Council Committee
- Technical Fest, Annual Sports and College day committees.
- Student chapters of IETE, ISTE, IEI, CSI etc.

Students are also members of NSS, RRC, YRC, Gardening club and Rotaract, Quality circle & Placement cell etc.

Student members represent the various issues and present their ideas at the respective committee meetings. Their suggestions are given due importance in arriving at decisions. The involvement of students in these creates better understanding between the administration and students, further brings to lights the time of thinking of the administration on college matters.

**Table 22: List of various academic and administrative bodies with student representatives – Consolidated data**

SI No.	Academic & Administrative Bodies	Total member count
1	Class committee	132
2	Quality circle	36
3	Placement cell	29
4	ISTE	43
5	CSI (CSE)	2
6	AIT (IT)	2
7	Excellent ECE	2
8	IETE (ECE)	2
9	EIE association	2
10	NI Labview academy(EIE)	2
11	Mechanical association(MECH)	2
12	GENES Association (BT)	5
13	CYBERHEFT(CSE Association)	2
14	KONSTRUCTOIDS (Civil Association)	4

Details of Committee members of each Club are given in Criterion V : Annexure 10

### 5.3.7 How does the institution network and collaborate with the Alumni and former faculty of the Institution.

- Alumni meets are organized each year.
- All departments have an alumni faculty coordinator who keeps record of the alumni and communicates through e-mail to all the alumni.
- Decennial alumni meets are also conducted.

- Many of the former students/faculty of the institution visit the campus periodically and provide their valuable suggestions and help in organizing FDPs, and guest lectures etc.

The feedback is obtained through various sources like social networks (Facebook), through letter communication. (Details are given in Table 12)

## **CRITERION VI : GOVERNANCE, LEADERSHIP AND MANAGEMENT**

### **6.1 Institutional Vision and Leadership**

#### **6.1.1 State the vision and mission of the Institution and enumerate on how the mission statement defines the institution's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, institution's traditions and value orientations, vision for the future, etc.?**

##### **Vision**

The Vision of our College is "To make this Institution the unique of its kind in the field of Research and Development activities in this part of the world". As an educational institution this vision would involve contribution to the country ensuring student preparedness for sustainable future development.

##### **Mission**

The mission of the college is "To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through "Total Quality Education".

##### **The mission statement reflects the institution's distinctive characteristics:**

The students admitted in this institution are mostly from rural and semi-urban areas with vernacular language-medium background. They are groomed in four years (B.E / B.Tech) or in two years (continuing M.E / M. Tech), or in five years integrated (M.Sc Software Systems) to shoulder the technological needs of the Society through "Total Quality Education".

Students are trained

- To face global challenges
- To venture into research with creative ideas.
- To develop products , solutions, procedures etc., to cater to the needs of the society and local industries.
- To serve the society with commitment and ethical behavior

##### **Institutions Distinctive Characteristics**

- ❖ ICT enabled teaching resources for effective content delivery
- ❖ Uninterrupted power supply to conduct laboratory courses ensured through automatic power restoration generator.
- ❖ Research Centres to promote research activities
- ❖ Green campus with 30kW solar power grid and 30 solar street lights
- ❖ An institute where enrolment of students is steady.
- ❖ Institute emphasizes on self discipline, ethical behavior and moral values.
- ❖ As an institution, we are conscientious towards our duties to the society
- ❖ Value added courses to improve the employability skills of the students.

##### **Addressing Needs of Society**

The needs of the society are addressed through developing technically competent human resources.

- ❖ Equal opportunity employer.
- ❖ Quality Education for all
- ❖ Creating good citizens for the future

### **Institution's Tradition and Values**

Traditionally we are an institution which concentrates on academic discipline and imparting quality education to students

#### **6.1.2 What is the role of top management, Principal and Faculty in design and implementation of its quality policy and plans?**

Our Management is highly committed and dedicated to the service of catering to the contemporary requirements of higher education. The Management gives freedom to the Principal to function in order to fulfill the vision and mission of the college. The Management provides required infrastructure for proper functioning of the institute. The college has a quality Policy. The roles and responsibilities of each member are communicated through regular meetings. The Top Management, Principal and faculty of the college are committed to plan, implement, document and continually improve effectiveness through a systematic approach.

#### **6.1.3 What is the involvement of the leadership in ensuring;**

**The policy statements and action plans for fulfilment of the stated mission**

**Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

**Interaction with stakeholders**

**Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**

**Reinforcing the culture of excellence**

**Champion organizational change**

#### **The policy statements and action plans for fulfilment of the stated mission**

The leader follows a democratic and participative style of leadership, soliciting the total participation and active involvement of both teaching and non-teaching staff. The Principal follows an open door communication system and allows the staff to come up with their constructive suggestions and grievances if any and addresses them appropriately. The policy statements and action plans are formulated after careful consideration of all by the Principal

#### **Formulation of action plans for all operations and incorporation of the same into the institutional strategic plan**

The opinion of the faculty members are collected in the department meeting called by the head of the department. Thereafter, the action plans for operations are prepared under the supervision and guidance of the Principal and Heads of the Departments. Various committees with defined roles are initiated and incorporated in institutional strategic plan.

#### **Interaction with stakeholders**

The institution ensures periodical meetings with the different stake holders. The institution organises meetings and collects feedback from the students, parents, alumni and industry personnel

#### **Proper support for policy and planning through need analysis, research inputs and consultations with the stakeholders**

The College leadership undertakes efforts to understand the needs of the society through its interactions with stake holders and distinguished academicians & industry

personnel. It also collects regular feedback of stake holders and extends full support to all the new initiatives.

### **Reinforcing the culture of excellence**

The institution strives to follow and uphold best academic practices. It channelizes the procedures and practices with respect to the prevailing external environment and strives to create a conducive atmosphere to uphold quality education.

- Rendering support to all curricular, co -curricular and extra -curricular activities.
- Encouraging and recognizing academic excellence.
- Consistently producing University Rank holders.
- Improving its overall ranking at the national level among the top 100 engineering institutions.
- Two star rated resource centre for spoken tutorial of IIT Bombay, Mumbai.
- Nodal Centre of Quality Improvement Cell, Centre for Faculty Development, Anna University, Chennai

### **Champion organizational change**

The champion organizational change the institution has undergone is the focus extended from academic excellence to research and industry institute interactions. From being an organisation of growth and progress in the academic field, it is looking towards a more active role in the society.

#### **6.1.4 What are the procedures adopted by the institution to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time?**

The institution has a 21 member governing council (convened once in every six months) to monitor and evaluate policies and plans of the institution for effective implementation and improvement from time to time.

The institution is open to quality assessment and therefore willingly participates in the national level accreditation processes of different agencies like NBA, NAAC, Data Quest Survey for overall ranking, AISHE, CII survey etc.,

The institution improves the quality of its academic programmes in the following ways.

- Excellent pass percentage is maintained
- Scrutiny of students' projects by expert committee
- Effective Feedback collection systems
- Continuous Assessment of teachers and students.
- Class management done by setting class monitoring committees
- All reports are reviewed by HoD's and Principal
- The inputs received from industry experts in emerging areas of Engineering and Technology are suitably incorporated in the teaching-learning process to provide an edge above the curriculum prescribed by the university with an ultimate aim of turning out competent professionals.
- Periodical feedback from Parents, Employers, Students, External experts
- Systematically maintaining staff & student database.
- Communication facilities such as Intercom, Internet, Intranet.

- Grievance Cell : Grievance boxes are provided for the students at vital places of the campus to register their grievances
- The General Secretary of hostel student's council can communicate with the head of the institution.

#### **6.1.5 Give details of the academic leadership provided to the faculty by the top management?**

The top management is always supportive towards academics and academic work in the College.

The top management ensures that the heads of the departments are the academic leaders who are well qualified with doctoral degree in the respective discipline and have good years of academic experience.

The heads of departments provide academic support and leadership to faculty members of the respective departments. In addition, chairpersons (who are senior member of the department) monitor the progress of each batch of the students.

#### **6.1.6 How does the college groom leadership at various levels?**

All the staff members are involved in all the activities in the College. Special Executive Development programmes are organized at regular intervals to the executives & senior faculty members.

The College grooms leaders at higher levels, teaching staff, non-teaching staff and students. The staff members are appointed as conveners of committees and various co-curricular and extra-curricular activities along with student coordinators.

##### **At Student Level:**

- Opportunity to act as class representatives
- Opportunity to act as department Association representative
- Organizers of student centric college events like conferences, cultural events, sports, technical society activities etc
- Organizers of community services through NCC, NSS, YRC, RRC etc.
- Office bearers of Rotaract Club (President, Vice President, Secretary, Treasurer, Joint Secretary, Joint Treasurer etc.,)
- Opportunity to act as student placement coordinators
- Members in Quality Circle
- Office bearers of Student's Council in the hostels
- As student in charges of professional bodies like IEEE, ISTE, IETE, SAE-India etc.

##### **At Faculty level:**

- As coordinators for the preparation of NBA, NAAC related documents.
- As mentors, tutors and class committee chairpersons
- In charges of community services through NCC, NSS, YRC, etc.
- In charges of professional bodies like IEEE, ISTE, IETE, SAE-India etc.
- Planning and execution of several departmental activities like industrial visits, workshops, seminars, conferences, symposium etc.,
- Organizing and coordinating College Day, Graduation Day, Independence Day, Sports Day and other functions

**As Head of the Department:**

- Planning , execution and monitoring the activities and performance of the department
- Coordinating the activities of administration and academic aspects of the department and other committees as mentioned earlier.

**6.1.7 How does the college delegate authority and provide operational autonomy to the departments / units of the institution and work towards decentralized governance system?**

The system is effectively decentralized for a better governance and performance. The college delegates the full authority to prepare the functional autonomy. The major decisions which have a bearing on the function and the goal of the college are thoroughly discussed in the Governing Council Meeting. The decisions taken are executed by the Head of the institution. The HOD and the staff members ensure the proper implementation of the decisions and directions given. Decision making authority is well decentralized in this system. The Management gives freedom to the Principal, who is the academic head of the institution to function in order to fulfill the vision and mission of the institution.

The principal organizes regular meeting of all faculty members every month (normally on the third Saturday) where the events that took place during the pervious month and the ways to improve and also the event that are to take place in the coming month and the ways to conduct them successfully are discussed. The minutes of these meetings are circulated all concerned.

HOD is the delegated with department level authority and with operational autonomy but is subjected to the Principals approval / endorsement. Mostly, HODs along with staff members actively govern and administer the department. The department can decide procurement of requisite articles/ materials (for conducting practical classes), student academic activities, selection of candidates for research etc. with appropriate permissions/ approval.

The HODs also organize a regular monthly meeting of the department (normally on the same day before the meeting of the all faculty members) and discuss on the issues pertaining to the department and the minutes of the meeting circulated amongst all faculty members of the department.

Academic responsibilities are fairly divided among all the staff members. Committees are appointed for the various academic and co-curricular activities to be conducted in the course of the academic year. The responsibilities are communicated to the faculty members through regular staff meetings and circulars. Various co-curricular and extra-curricular activities are conducted through student committees having a Faculty member-in-charge.

The Principal of the College holds regular meetings with the teaching and nonteaching staff. In these meetings, various issues are taken up for discussion before arriving at a final decision. The participative decision-making ensures total participation of all the people concerned.

The office administration of the College is headed by the office manager under whom there are different departments like the transport section, accounts section, students section, dispatch section and establishment section. The Public Relations Officer is delegated with the authority of monitoring the activities of Hostel/Mess /Canteen workers, Basic Staff, Civil

& Electrical Supervisors, Motor Operators and Plumbing section. The office manager and the PRO in consultation and direction from the principal, co-ordinate the day-to-day activities of their respective departments.

**6.1.8 Does the college promote a culture of participative management? If 'yes', the levels of participative management.**

Yes. The Management is always open to discussion with the teaching and non-teaching staff which, in turn, encourages the involvement of the staff for the improvement of effectiveness and efficiency of the institutional process. There are regular meetings of Dean, Principal, HOD and faculty members and the Management representatives.

The participative management involves the effective participation of the faculty, heads of the department at the planning and execution of academic requirements, annual budgeting by the department etc. Participative management is also ensured by faculty members being part of the Governing Council.

**6.2 Strategy Development and Deployment**

**6.2.1 Does the Institution have a formally stated quality policy? How is it developed, driven, deployed and reviewed?**

Yes Our College is committed to impart Quality education to the youth enabling them to develop the right attitude, professional competence and inculcating the right ethical values.

**Quality Policy**

*We, at Kamaraj College of Engineering and Technology are committed to impart Quality Technical Education imbued with proficiency, human values and continual improvement.*

The quality policy was developed and driven by the need of the society for well technically proficient engineers who have a desire to develop continually without compromising their professional ethical values.

**This is Achieved By**

- Providing excellent infrastructure and conducive learning environment
- Building a harmonious work culture and motivating everybody to contribute the best.
- Proactively responding to the changing needs of industry, parents, and the society by embracing latest technological trends in the field of education.

**6.2.2 Does the Institute have a perspective plan for development? If so, give the aspects considered for inclusion in the plan.**

Yes. The College understands how important things are in relation to others and sees in a particular way for developing continuously. The managing board is committed for the aspects of development of education, augmentation of infrastructural facilities and growth of the institution. It specifies targets to the institution along with allocating budget. To arrive at the target to be specified, Management seeks the information from all stakeholders, observers and evaluates the best practices and strategies of other institutions those are striving for excellence.

In line to the views of the college growth, the managing board determines the needed infrastructure for academic advancement, bringing excellence into the activities and allocates budget accordingly.

Some of the perspectives and plans made accordingly in the recent past.

- Allocation of budget for taking up in house R & D as a measure to improve research activities
- Effectively implementing ICT tools for teaching learning process
- Development of e-learning materials
- Industry specific projects

### **6.2.3 Describe the internal organizational structure and decision making processes.**

Our College is managed by Kamaraj College of Engineering and Technology Managing Board, headed by the Secretary/ of the managing board. However, the academic administration of Kamaraj College of Engineering and Technology is the responsibility of the Principal who directly reports to the Secretary/Chairman.

#### **Kamaraj College of Engineering & Technology Managing Board**

The Managing Board is the Statutory Body and the powers and duties of KCET are stated in the same. The KCET Managing Board comprises of elected representatives, the Chairman/ Secretary and other office bearers.

#### **DETAILS OF OFFICE BEARERS (16.09.2013 To 15.09.2015)**

<b>NAME</b>	<b>QUALIFICATION</b>	<b>DESIGNATION</b>
Thiru.T.C.S.P.S.Krishnamoorthy	B.Sc.	PRESIDENT
Thiru.A.S.A.A.G.Balamurugan	M.B.A.	VICE -PRESIDENT
Er.C.Marimuthu	M.Tech.	SECRETARY
Thiru.V.V.R.J.Senkuttuvan	B.Sc.	JOINT -SECRETARY
Thiru.M.S.P.R.Navarajan	B.A.	TREASURER
Thiru.A.C.S.Rathinasamy		Custodian of Documents
Thiru.S.M.S.Natarajan	D.E.E.E.,	Custodian of Movable Properties
Thiru.R.Maheshkumar	B.A.,	Custodian of Immovable Properties
Thiru.Sv.P.N.S.K.B.Sivachidambaram		Developer of sports & Extra Curricular Activities

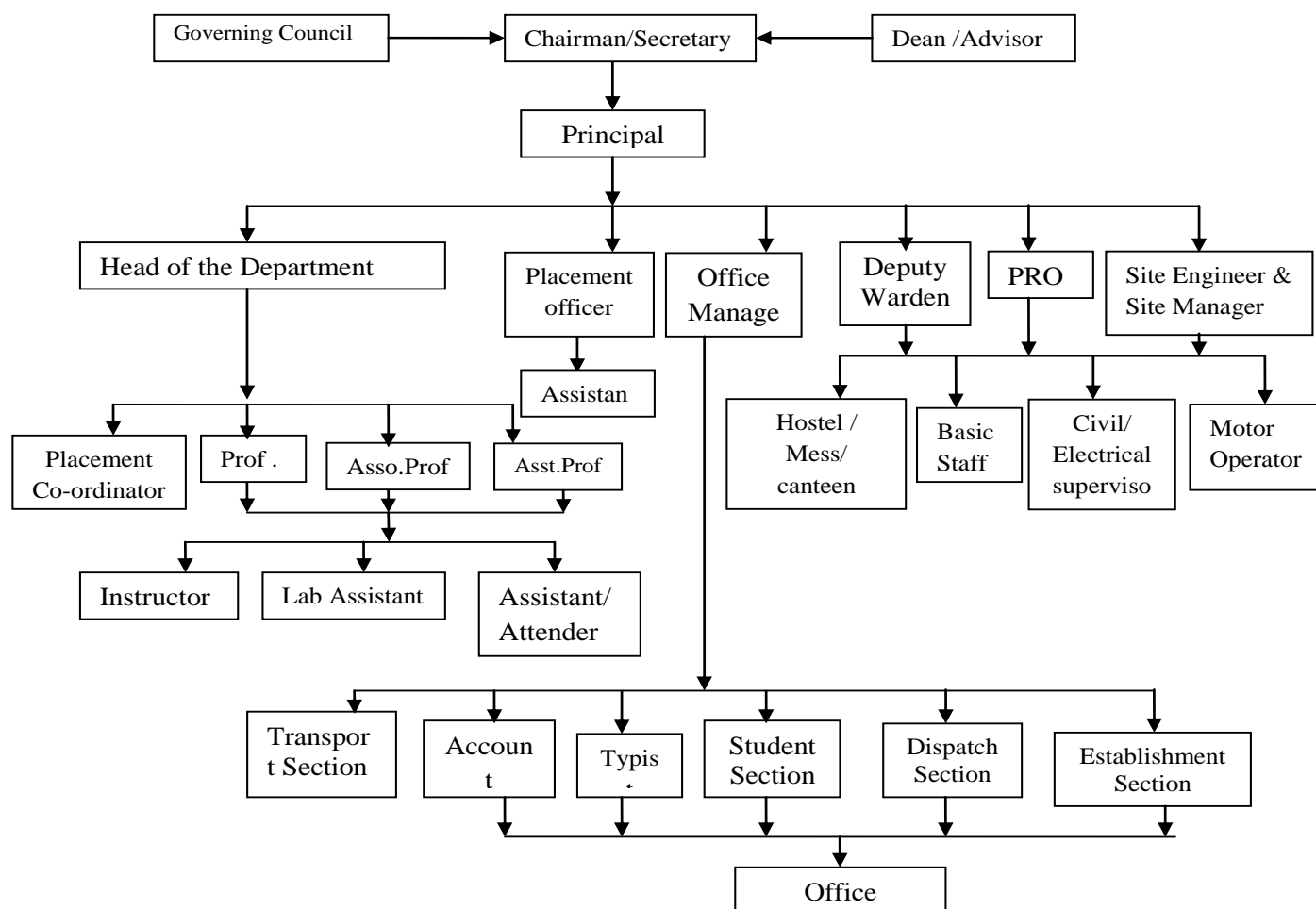
### **Principal**

The Principal is in charge of the implementation of the vision and mission of the institution. He ensures that the regular day-to-day operations are properly conducted.

### **Heads of Departments**

The Heads of Departments ensure that the plans are implemented systematically at the respective departments.

#### KCET ORGANIZATIONAL STRUCTURE



### **Committees for co-curricular and extra-curricular activities**

The committees are formed at the beginning of the year and are assigned the tasks according to the institutional plans, for the co-curricular activities that enhance overall development of students.

**Other Committees** Examination Cell, Grievance Cell, Women's harassment cell, Anti ragging Committee, Purchase, Discipline, Library, Publication etc.

**6.2.4 Give a broad description of the quality improvement strategies of the institution for each of the following.**

- Teaching- Learning
- Research and Development
- Community Engagement
- Human Resource Management
- Industry Interaction

**Teaching- Learning**

1. Use of ICT tools
2. Well Structured Course Plans
3. Content beyond Syllabus
4. Focus on additional skill development (communication and technical)
5. Result analysis (of the slip test, cycle test and University exam) and review mechanism.
6. Faculty members are sponsored to attend FDPs/QIPs
7. Regular use of EDUSAT /NPTEL Programmes.
8. Use of e-learning resources & use of facilities such as moodle etc.

**Research and Development**

1. Subscription of e-journals and printed journals
2. Promoting faculty participation in research
3. All faculty members are encouraged to register for Ph.D. Programme.
4. Open for networking with reputed institutions and industries
5. Library and laboratory facilities are extended beyond working hours.

**Community Engagement**

Novel and societal need based programmes are conducted frequently through the different clubs like NCC, NSS, Rotaract Club, YRC, RRC etc

Facilitating skill development in the local community by extending infrastructural support during camps organized.

**Human Resource Management**

- ❖ Good Salary Package
- ❖ Gratuity , PF, Group Insurance Schemes
- ❖ Motivation to constantly upgrade and update their technical Competency
- ❖ Grievance Redressal System
- ❖ Conducive work atmosphere

**Industry Interaction**

1. Formation of III cell.
2. Logistic arrangement for Industrial visits (100 industries in 100 days target for this year)
3. Based on the Industrial Visits Promoting projects to solve industrial problems
4. Membership with CII
5. Associate Member of ICTACT
6. MoU with various industries

**6.2.5 How does the Head of the institution ensure that adequate information (from feedback and personal contacts etc.) is available for the top management and the stakeholders, to review the activities of the institution?**

Information is received by the head of the institution from the feedback and one to one personal talks with the students, subject experts, interaction with alumni, and interaction with the parents during their visit to the institution on the following aspects. During the governing council meeting, the members of the governing council discuss the feedback collected on various issues and suggest suitable action

Academic

1. Class Room Teaching
2. Lab Infrastructure
3. Examination Result Analysis

Co-Academic

1. Public Address System
2. Projection System
3. Hall Arrangements

Extra Curricular

1. Indoor Sports Facilities
2. Outdoor Sports Facilities

Grievance Redressal Committee

On Budget Allocation and approval of the same for academic activities, the head of the institution collects information from the heads of the departments and presents to the top management.

Information thus collected is reported by the head of the institution to the top management on an everyday basis.

The head of the institution convenes and conducts the governing council meeting once in six months.

**6.2.6 How does the management encourage and support involvement of the staff in improving the effectiveness and efficiency of the institutional processes?**

The Management through the Principal involves the staff members in various activities related to the development of the college. While introducing anything new to the teaching and non-teaching staff, the objectives of the College are communicated. A monthly all faculty meeting ensures that every individual employee makes constructive contribution for the development of the College.

The Management of our College has been indeed very active, supportive and co-operative. The office-bearers are available on the College premises daily, where staff members can meet them and freely express their views, suggestions and grievances, if any. The Management refers these to the appropriate committees/ office, through the Principal for necessary action. Such interactive meeting of the Management with the Staff has always been purpose oriented.

**6.2.7 Enumerate the resolutions made by the Management Council in the last year and the status of implementation of such resolutions.**

Although the college is practically run by the office bearers of the managing board, the governing council which comprises of Office Bearer , Senior academicians, Industrialists from the region and representatives of staff members given direction and guidance on

important perspectives and plans. Generally, Governing council meetings take place twice a year. Resolutions are taken to enhance institutional performance. The details of the resolution for 2013-2014 are as follows:

- To increase the intake of students in selected branches
- To start new UG and PG courses
- To enhance the number of publications
- To encourage the students to carry out innovative industry based projects
- To prepare and submit suitable project proposals to AICTE and other external funding agencies

All the resolutions have been implemented

**6.2.8 Does the affiliating university make a provision for according the status of autonomy to an affiliated institution? If 'yes', what are the efforts made by the institution in obtaining autonomy?**

Yes. The institution is planning to apply for securing autonomous status after NAAC accreditation.

**6.2.9 How does the Institution ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder relationship?**

There is a grievance redressal committee which is functioning to look into the grievances of teaching and non-teaching staff and students.

It consists of Principal, senior professor, and student representatives. Grievances are promptly redressed in several ways. For specific grievances regarding service conditions and others, it is submitted to the management.

For other grievances such as plumbing, electrical, carpentry etc are submitted to the respective departments through a single point of contact from the academic departments. The complaint is brought to the knowledge of the management instantly. These complaints are resolved soon after the entry.

Principal meets the class representatives periodically. During that time students can express their grievances freely and they are resolved immediately. In addition the students may express their grievances in their class committee meetings which are conducted twice in a month. The grievances are addressed promptly and resolved effectively.

**6.2.10 During the last four years, had there been any instances of court cases filed by and against the institute? Provide details on the issues and decisions of the courts on these?**

-- No --

**6.2.11 Does the Institution have a mechanism for analyzing student feedback on institutional performance? If 'yes', what was the outcome and response of the institution to such an effort?**

Feedback collected for all courses? : Yes

Specify the feedback collection process:

- A structured proforma consisting of important parameters pertaining to teaching- learning process has been designed for the purpose of collecting students' feedback.

- The responses are processed and the results are analysed by the HoDs and the Principal, and the feedback is communicated to the faculty members concerned wherever necessary, for their improvement.
- Students feedback on value added programmes conducted (for example guest lectures, seminars, employability camp, etc.) is obtained at the end of the programme by distributing questionnaire on the event.
- The Placement Cell, in co-ordination with the faculty members in- charge from each Department has been attending to the task of collecting feedback from alumni.
- The Departments have created group e-mail ids in which two of the faculty members have joined as members. This arrangement facilitates regular interaction with the alumni and helps the department to understand their progress and obtain necessary feedback at the central level. The Alumni Cell co-ordinates the activities such as alumni meet, alumni association etc.
- Percentage of students participating : All

#### **Based on the students feedback**

- The Management creates additional infrastructure facilities.
- The members of the faculty are given suggestions to improve the quality of their teaching.
- The programmes that improve the skill of students are organized.
- Certain additional research facilities are created.

### **6.3 Faculty Empowerment Strategies**

#### **6.3.1 What are the efforts made by the institution to enhance the professional development of its teaching and non teaching staff?**

The College makes sincere efforts to enhance and enrich the professional development of its teaching and non-teaching staff. Some of them are as follows:

- Staff members are deputed for Orientation and refresher courses as and when it was felt necessary.
- To upgrade the skills of the faculty, the management of our institution encourages its faculty members to register for higher studies. They are also provided with special leave, on duty, study leave and sabbatical leave. At present, 66 staff members have registered for Ph.D. and 1 faculty is pursuing ME/MTech Programme. 15 of our faculty members have completed their Ph.D. degree and 40 of our faculty members have completed their ME/M.Tech programmes successfully on part-time basis.
- The institute funds and guides the non-teaching staff to pursue their higher studies. Non-teaching staff are also advised to undergo training in reputed training institutions to improve their skills. Some lab assistants are undergoing part time B.E. courses and some have completed their post graduate degrees.
- Faculty development programs in various areas and subjects are regularly conducted in the college.
- The College regularly conducts seminars and conferences at the state/national/international level. At these seminars and conferences, the faculty gets an opportunity to interact with experts from different fields.

- Regular workshops are conducted to familiarise the staff members with any changes in syllabus or new developments in the field, through workshops conducted by the University.
- Faculty members are encouraged to take up Minor and Major research projects.
- The institution has conducted several staff development programmes for teaching and non-teaching staff. They include programmes on Faculty Development, Personality Development, Skill upgradation, Software Testing Workshops, Training on business application in software, Effective communication skills etc.,
- Faculty members are encouraged to visits various industries and interact with them. This enables them to give practical exposure to students through lectures, in-plant training and project works.

**6.3.2 What are the strategies adopted by the institution for faculty empowerment through training, retraining and motivating the employees for the roles and responsibility they perform?**

- Organizing Executive & faculty development programmes are self development for faculty members.
- Encourage faculty members to participate in Domain specific FDPs and workshops
- Peer enablement to create sufficient faculty strength to teach particular areas. Eg. DSP/EVS//MP&MC
- Retraining through Language Enhancement Courses
- Motivating the teachers to attend and organize conferences/workshops every semester.
- Support faculty members by providing on duty with salary to pursue summer research training fellowships.

**6.3.3 Provide details on the performance appraisal system of the staff to evaluate and ensure that information on Multiple activities is appropriately captured and considered for better appraisal.**

The structured self appraisal form captures the multiple activities like Academic, Non academic (Tutorship, Chairperson role, in charge of clubs/ co curricular /extracurricular activities) responsibilities, Research Contribution such as publication of papers in conferences & journals, industry oriented problems solving and bringing in funded research projects, Consultancy Services, Interaction with Institutes/Industry, Members of Associations/Board of Studies etc performed by the faculty members . This form is duly filled in by the respective staff members once in a year.

**6.3.4 What is the outcome of the review of the performance appraisal reports by the management and the major decisions taken? How are they communicated to the appropriate stakeholders?**

Based on the up gradation of the skill/knowledge level of the staff members in terms of acquisition of higher degrees ( M.E/M.Tech. to Ph.D.) or (B.E./B.Tech. to M.E./M.Tech) ( M.Phil., to Ph.D.), and based on the stipulated years of service, the staff members are promoted to higher level/higher salary structure

**6.3.5 What are the welfare schemes available for teaching and non teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?**

- Provision for Provident fund
- Group Insurance for all teaching and non-teaching staff members
- Free medical dispensary is run by the college management in the College campus. A qualified Doctor and lady staff nurse are available for consultation. Free medicines are given for immediate Relief/ first aid. We have one van for emergency trip to nearby hospital on 24x7 basis.
- Gratuity – Paid as per Gratuity Act
- Employees State Insurance Scheme for non teaching staff
- Sabbatical leave for Ph.D. programmes and industrial training.
- On-duty facility for pursuing Ph.D. and to attend training programmes
- Free Transport for all the non teaching staff members.
- Staff club meeting is organized periodically to discuss about the welfare of staffs.

Almost all the staff members avail many of these facilities.

**6.3.6 What are the measures taken by the Institution for attracting and retaining eminent faculty?**

- Institution provides an academic environment conducive for teaching, pursuing research, creating opportunities for organizing or participating in any curricular, co-curricular or extra-curricular activity aimed at enhancing the quality of education, leading to **complete job satisfaction**.
- Due recognition and awards for good performance, making available a number of staff welfare schemes such as Gratuity as per government norms, provident fund, maintaining a good administrative system and offering attractive salary are the measures taken and meticulously implemented for retaining eminent faculty.
- Special salary structure for staff who have secured University Ranks during their course of study from the academic year 2013-14.
- Providing on duty permission to attend academic related activities.

**6.4 Financial Management and Resource Mobilization**

**6.4.1 What is institutional mechanism to monitor effective and efficient use of available financial resources?**

The College has a very effective mechanism to monitor the effective use of financial resources. Expenses are first sanctioned by the Principal and the Chairman. The Principal of the College ensures that expenses are incurred for the purpose of implementing institutional plans.

For any requirement for equipment or other major items, the requisition is initiated by the Staff, forwarded by the respective HOD and is approved by the Principal and the Chairman. The institution purchases good quality equipment of higher specifications at reasonable cost. The quotations are evaluated, comparative statement is prepared, and suppliers have called for price negotiation. This ensures that the right equipment is purchased at most competitive price.

Further, the financial accounts of the institution are subjected to internal and external audit. An Internal audit is conducted every month and External audit is

conducted once in six months and any discrepancy observed is brought to the notice of the Principal.

Budget is prepared at the beginning of the year and actual expenses incurred during the year are compared with proposed budget and any major variation is discussed by the principal with concerned person.

**6.4.2 What are the institutional mechanisms for internal and external audit? When was the last audit done and what are the major audit objections? Provide the details on compliance.**

The accounts of the College are audited regularly. An internal auditor audits the financial accounts every month. The internal auditor checks receipts and payments with vouchers and necessary supporting documents. He also ensures that all payments are duly authorized. The external auditor conducts statutory audit at the end of the financial year. The report of the external auditor for the last four years along with audited Balance Sheet and Income & Expenditure statement is enclosed. The last audit was done on 31-3-2014 and as on date there is no adverse remark on the accounts of the institution.

**6.4.3 What are the major sources of institutional receipts/funding and how is the deficit managed? Provide audited income and expenditure statement of academic and administrative activities of the previous four years and reserve fund/corpus available with institutions if any.**

The major receipts are fee collected from students and donations given by philanthropist, apart from bank loans towards creation of infrastructure. In addition to tuition fees, the institution is also collecting fees towards hostel and transport facilities.

The audited Accounts of the institution are enclosed herewith for the period under consideration.

**6.4.4 Give details on the efforts made by the institution in securing additional funding and the utilization of the same (if any).**

The required details are available with the audited financial statements of the institution for every year.

**6.5 Internal Quality Assurance System (IQAS)**

**6.5.1 Internal Quality Assurance Cell (IQAC)**

- a) Has the institution established an Internal Quality Assurance Cell (IQAC)? If 'yes', what is the institutional policy with regard to quality assurance and how has it contributed in institutionalizing the quality assurance processes?**

YES.

The Institute has established recently the Internal Quality Assurance Cell with the following composition.

**IQAC Committee**

Chair Person : Chairman of the College

Convener : Principal of the College

Coordinator : Dean

Members : All Heads of the Departments and

One Member from Society

The policy of the institution with regard to quality assurance is:

- ❖ Fixing quality parameters for various academic and administrative activities.
- ❖ Monitoring the organization of class work and related academic activities.
- ❖ Conducting Internal Quality Audits periodically to verify the effectiveness of measures taken in reaching the quality parameters.
- ❖ Documenting various programs / academic activities leading to quality improvement and reviewing their effectiveness in quality improvement/ sustenance

**b. How many decisions of the IQAC have been approved by the management/ authorities for implementation and how many of them were actually implemented?**

The IQAC is in its formative stage and is in the process of meeting and deciding Internal Quality Standard Maintenance Procedures and practices.

**c. Does the IQAC have external members on its committee? If so, mention any significant contribution made by them.**

YES.

The following suggestions of the external members of IQAC have been implemented.

- ❖ Conduct of Industry related Certification Programmes.
- ❖ Conduct of faculty enablement programmes on ownership culture.

**d. How do students and alumni contribute to the effective functioning of the IQAC?**

- ❖ The student members of Class Monitoring Committees offer their observations / views for enhancing teaching – learning process and conduct of various co-curricular / extra-curricular activities in the institute. This will become a part of the IQAC activity.
- ❖ Alumni are very active and productive in analyzing the requirements of external environment and attributes of the other colleagues and communicating the remedial measures to be taken up at institution level.
- ❖ Alumni are sensitizing the students by conducting several interactive sessions on the career options available in their chosen field of engineering.

**e. How does the IQAC communicate and engage staff from different constituents of the institution?**

The IQAC has constituted different sub committees in which most of the staff members are involved in formulating and executing the decisions of IQAC. The decisions of IQAC will be widely communicated to staff members through circulars / notices.

**6.5.2 Does the institution have an integrated framework for Quality assurance of the academic and administrative activities? If 'yes', give details on its operationalization.**

YES.

The administration is decentralized and will be further effectively carried out as per quality policy in line with the suggestions of IQAC.

**6.5.3 Does the institution provide training to its staff for effective implementation of the Quality assurance procedures? If 'yes', give details enumerating its impact.**

YES.

Faculty is being deputed to various training programmes/educational summits/meetings related to NBA accreditation procedures and standards

**6.5.4 Does the institution undertake Academic Audit or other external review of the academic provisions? If 'yes', how are the outcomes used to improve the institutional activities?**

YES.

Academic audit is conducted in the respective departments by the department NBA coordinator and NAAC Coordinator on the following:

- i) Course files and lab manuals
- ii) Monthly student's attendance
- iii) Internal Exam Marks
- vii) Faculty development programmes and their impact on teaching – learning process.
- viii) Training programmes to students.
- ix) Co-curricular / extra-curricular activities.

Based on the report of internal academic audit, the courses of actions / measures being followed are reviewed and suitable remedial measures will be taken.

**6.5.5 How are the internal quality assurance mechanisms aligned with the requirements of the relevant external quality assurance agencies/ regulatory authorities?**

The internal quality assurance mechanisms are designed keeping in tune with the requirements of various accreditation bodies like NAAC, NBA, etc.

**6.5.6 What institutional mechanisms are in place to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?**

The following points are considered for formulating the policies on Teaching - Learning Process

- ❖ The inter semester feedbacks on all the subjects are taken from the students in every semester.
- ❖ The feedback is analyzed and evaluated on the scale of 100 and every teacher is provided with a copy of feedback for making necessary corrections. Further, teachers are counseled by the head of the department, Dean and Principal if required.
- ❖ The administration (Principal and Dean) also receives the feedback by interacting with a selected group of students from each class (Students with single subject arrears, multiple arrears, class representatives and top performers in each class)
- ❖ Monitoring is also done through class committees to assess the uniformity in syllabus coverage, and also the quality of teaching.
- ❖ Subject Competency matrix is obtained from each faculty member to evaluate the knowledge and ability of the faculty to teach the curriculum subjects.
- ❖ The quality of course material and assignments prepared by the faculty are assessed internally and suitable suggestions for enriching the course materials and assignments are given by the senior faculty of the departments.
- ❖ New / creative assignments are prepared every year in all the subjects.

**Evaluation Procedures & Feedback**

- ❖ The evaluation of faculty by the students through feedback forms is done in a semester. This feedback is analyzed and appropriate suggestions are given to the

faculty by the HoD concerned and the Principal to see that they rectify the shortcomings.

- ❖ The feedback form mainly focuses on the various teaching skills of the faculty members, like presentation, communication, knowledge, content covered, innovative practices followed.
- ❖ The head of the institution interacts with few students of each class and takes the feedback on the teachers about the effectiveness of their classes and learning material provided.
- ❖ Performance and self-appraisals are taken from the faculty at the end of every academic year and their performance is evaluated. Based on the evaluation report faculty are counseled.

#### **Syllabus:**

- ❖ Anna University prescribed syllabus will be followed.
- ❖ Extra content shall be given on the skills in demand for employment.

#### **Academic Calendar:**

- ❖ Number of instructional days, contact hours per week to be followed as directed by Anna University, Chennai
- ❖ Additional teaching hours for the extra content shall be arranged after normal contact hours.

#### **6.5.7 How does the institution communicate its quality assurance policies, mechanisms and outcomes to the various internal and external stakeholders? Any other relevant information regarding Governance, Leadership, and Management which the college would like to include.**

The institution communicates with the stakeholders through the Institution website, prospectus, college magazine, annual calendar, mass communication media (newspaper advertisements, FM radio, television) alumni meeting, parent teacher meeting and one to one interaction.

The management is democratically elected. It operates as a nonprofit organization registered as a trust. The term of the managing board is for four years and the term of the office bearers is for 2 years.

This management practice is also followed in the other sister institutions which have grown to greater heights over the past 125 years.

## **CRITERION VII: INNOVATIONS AND BEST PRACTICES**

### **7.1 Environment Consciousness**

The institution addresses sensitive issues like climate change, environmental issues, etc. The Green cover is increased in the campus by planting saplings of various trees and trees transplantation. Eco friendly initiatives are taken by conserving energy, waste management and water conservation. The Gardening club in the college develops and maintains the best environment in the sprawling campus area hostels.

#### **7.1.1 Does the Institute conduct a Green Audit of its campus and facilities?**

Yes. Energy auditing is done.

#### **7.1.2 What are the initiatives taken by the college to make the campus eco-friendly?**

##### **Energy conservation**

Energy conservation is done

- Using Energy efficient rated appliances, CFL and LED lamps in the premises.
- Replacing about 80% of CRT monitors in the Laboratory with TFT monitors and CRT monitors with LCD and LED monitors.
- Installing Solar street lights (30 Nos) and solar water heaters (5 Nos) in Boys and Girls hostels.
- Marinating UPS batteries periodically.
- Pasting Stickers “ Turn off the fans and lights when not in use” near the switch boards
- Placing waste bins at strategic locations throughout the college campus
- Constructing large windows in the classrooms

##### **Use of renewable energy**

College has installed

- Solar powered water heaters with 1500 liters capacity (Four Numbers) and 1000 litre capacity in the boy’s hostel and Girl’s hostel for cooking and bathing
- Solar street lights (Thirty in Nos)
- 30 kW Solar Photo voltaic based power plant on gird.

##### **Water harvesting**

- Rain water from various building of the college are collected in water harvesting pond

##### **Check dam construction**

- The necessity for the check dam in the college hasn’t arised because of its geographical location.

### **Efforts for Carbon neutrality**

The college uses solar power efficiently by installing

- Solar street lights.
- 30 kW Solar Photo voltaic based Power Plant on grid
- Solar water heaters

The energy consumption is minimized by

- Using LCD, LED monitors, CFL and LED lamps.
- Switching off A/C 10 minutes before the completion of the lab
- Recycling of water
- Planting many trees and plants to provide shade in summer and act as wind breakers.

### **Plantations**

Gardening club of our college maintains

- Ornamental and Medicinal plants
- Coconut, Sapota, Banana
- Punga, Neem, Baniyan trees for shade

### **Hazardous waste management**

- Two Sewage Treatment Plants(STP) are installed in our college and waste water from the hostels and college is recycled and the treated water is utilized for gardening purpose. Installed capacity is 65,000 litres/day/unit. The method employed is Aerobic Bacteria growth (Bio-mass).
- A separate sewage line for draining acid bottles flushing
- Blood samples, Needles, lancets and microbial cultures are properly decontaminated and disposed.
- Fumigation is done periodically to curb the growth of microorganisms inside the laboratory.
- Animal tissue waste and carcass are rinsed with disinfectants and buried in pits dug for the specific purpose at an extreme corner of the waste disposal area.

### **E –Waste management:**

- The old computers are donated to schools or some charity organizations.
- The old batteries are disposed with the authorized dealers on buy back basis.
- The e-waste is disposed off through auction to the authorized dealers.
- An Electrical and Electronic instrument which is beyond servicing or obsolete is used for demo purpose in the laboratory.

## 7.2 Innovations

### 7.2.1 Give details of innovations introduced during the last four years which have Created a positive impact on the functioning of the college.

#### Innovative practices in Teaching Learning Process are

- **ICT based teaching tools** for the laboratory courses
- **EDUSAT** live telecast of program with special lectures by experts of Anna University, Chennai.
- **NPTEL – Videos, Spoken tutorial from IIT Bombay** with an innovative concept of introducing technical contents taught by **IIT Professors**.
- **WEBINAR** - series of lectures by Professors and industrial experts
- Periodical Industrial visits by the departments to provide practical exposure.
- software tools like **Moodle**, to analyze the performance of the students in the series of tests through online examinations
- **Value added programmes** for preparing the students to take up the aptitude tests and personal interviews, as a part of the curriculum and regular timetable

#### Students are motivated by

- Implementing **mentor-mentee/Tutor system** to achieve 100 % pass.
- **Gold medal for University rank holders** and College class toppers.
- All rounder award for the best student in each batch/year having all the academic, extracurricular and co-curricular talents.

#### The infrastructure with

- **45 Mbps 1:1 internet connectivity** with **Wi-Fi** facility all over the campus round the clock.
- Access of E-resources in the campus through intranet
- Faculty Development Programme for staffs to update their technical skills.
- **College website** that hosts and updates upcoming events in the department.
- Our College to be selected as a **Nodal Centre for Quality Improvement Cell (QIC)** by Centre for Faculty Development, Anna University, Chennai.

#### Innovative practices in Co-curricular/extra curricular activities:

- Personality Development Programme for the students and staff to develop their skills by Work Senses, CLHRD, Col's Calibre, Axis V, EMC<sup>2</sup>, SMART training programme etc.
- **Innovator's** to pursue students innovations a proper shape
- **Soft skill classes and library hours** to enable the students to acquire wider knowledge.
- **Aspirations 2020** programming contest – encourage the spirit of competitiveness and accelerate learning through extracurricular activities Implementing library **automation, hostel and office automation**.
- **Biometric attendance system** for staffs.
- Group email ID is created and all the official communications are sent through e circular only.

### **Innovative practices in Projects:**

- Project internship from **NAL (Bangalore), Solartis (Madurai)**, National Instruments, TCS and Infosys are arranged for the students.
- The **best projects done by the students** are provided with financial assistance and also helped to attain Patent.
- Projects of direct industrial relevance are being carried out in the Industry and they are **supervised by a Guide from the Industry** and also by a faculty member in the Institution. Students attend internship examinations to do their projects in industry.

### **Innovative practices for Placement are:**

- **EMC<sup>2</sup> International Certification Course** on "Cloud Infrastructure and Services" in association with **ICTACT** is offered in the campus through IT & CSE Faculty.
- Campus Connect programme in association with Infosys in fine-tuning the students in the area of software development and soft skills.
- **IBM International Certification Courses** on "**Cloud Computing**", "**Cyber Security**" and "**Mobility**" domains in association with IBM for Specialty labs.
- Associate member of **ICTACT, CII, III** cell to enhance Industry-Institute partnership.
- **Labview academy** started with the department of Electronics and Instrumentation Engineering in the year 2012 has organized various activities like
  - Conducting workshops for the students and staff members, competition for the students, faculty training programme at National Instruments Ltd, Bangalore.
  - Internship programme for final year students at National Instruments Ltd, Bangalore.
  - Conducting certified Labview associate developer (CLAD) exam for the students. Two students have passed CLAD exams which created them placement opportunity.
- **Society of Automotive Engineering (SAE India) Collegiate Club of KCET** is inaugurated for leading resource and mobility technology. SAE India comprises members of individuals from the mobility community which includes Engineers, Executives from industries, Government officials, academics and students.
- Our college has approved as **CISCO networking academy(CCNA)**. Through this academy we are going to conduct CCNA routing and Switching (Module 1 & 2) for our students from January 2015 and CCNA routing and switching (module 3 & 4) in later semester to make them industry ready.

### **7.3 Best Practices**

**7.3.1 Elaborate on any two best practices as per the Annexured format (see page) which have contributed to the achievement of the Institutional Objectives and/or contributed to the Quality improvement of the core activities of the college.**

#### **BEST PRACTICE I**

##### **1. Title of the Practice – STUDENTS ATTENDANCE MONITORING**

##### **2. Objectives of the Practice**

Improving attendance is a major priority for the college, with increased focus on each department's effectiveness in monitoring, intervening, and reviewing.

Automation is made to review attendance data and other evidence of participation/progress regularly for all students.

##### **3. The Context**

Students must attend all teaching- learning activities necessary for the pursuit of their studies. They have to undertake all associated assessments and attend meetings and other activities as required by the course. When students face difficulty in attending sessions or undertaking assessments and examinations, it is their responsibility to inform their tutors to give prior information.

Individual staffs and tutors of the students have systems in place to monitor attendance during the academic year. Unauthorized absences are reported to Student Administration and recorded as appropriate. Where students are absent without authorization, to the point that it is not possible to continue with the course, Student Administration will write to the student stating that they will be deemed to have withdrawn from the University and their student record will be amended to show that they have withdrawn.

Students are informed that if their attendance falls below 75%, then they will redo the course.

##### **4. The Practice**

Attendance and particulars of marks of the students are sent to the parents through SMS and through post. Through this process the College keeps itself in touch with the parents. The date and time of the Parents' Meet is informed through letter to the parents. After every internal assessment the progress report sent to the students. Through Anna University web portal parents and students see their marks and attendance.

##### **5. Evidence of Success**

Attendance will form as an integral part of academic performance and reviews. The success of this strategy will be demonstrated through:

- Measurable improvement in student attendance in college and for key at risk groups
- Improvement in the attitudes of parents of students who do not attend classes regularly

## **6. Problems Encountered and Resources Required**

Maintenance of the database, particularly adding late enrolling students, moving people across groups and setting up new classes proved to be too time-consuming for the development team to undertake alone and it was necessary to pay for additional support. Students are given their mobile number instead of his/her parent's number. We are unable to contact parents directly through mobile, on all the occasions.

### **Best Practice II**

#### **1. Title of the Practice - IMPROVING TEACHING AND LEARNING PROCESS**

#### **2. Objectives of the practice**

The objective of deciding teaching/ learning process is to make the students technically strong and to induce them to come up with innovative ideas.

#### **3. The Context**

The teaching/ learning process is one of the best practices in our institution. The objective is to create a skillful engineer who can compete globally. Our institute provides training for both students and faculty members to enable them to strengthen teaching and learning process.

#### **4. The Practice**

The teaching and learning practice in our college begins with the preparation of the well structured course plan. It contains course objectives, prerequisites and expected learning outcomes.

The Course file is prepared by the faculty members with learning materials of lecture notes, NPTEL materials, Assignments, Tutorials, Slip test questions, Cycle test Questions, question bank and previous year question papers.

Various ICT based teaching practices are complimented with the teaching learning process. During lecture, discussions on particular topic and questioning by the students are also encouraged.

The course plan and the text books are issued in the first class of the semester. Attendance of students is recorded by all the faculty members and absenteeism is reported to the parents through SMS.

The performance of the student is assessed by cycle test, slip test and assignments given to them. Various co-curricular activities such as Paper presentations, project presentations, seminars and technical quiz are also organized for the students. These activities give opportunity to the students to put their knowledge in to application.

Our college is striving hard for upgrading the knowledge of students in many ways as follows.

- Various online resources like National Programme on Technology Enhanced Learning (**NPTEL**) video lectures, Massive Online Open Courses (**MOOCS**) are provided to the students, which make a good platform for constant learning and for updating the knowledge of students.
- IBM International Certified courses like Cloud Computing, Mobile Technology, and Cyber Security have been offered to students to meet the current and future needs of Multi National Companies.
- Our College is a 2 star rated resource centre for promoting the Spoken Tutorial project by IIT Bombay (an initiative of National Mission on Education through ICT, MHRD, Govt.

of India). The Spoken Tutorial projects involve IT training through audio video tutorials which stimulate self learning.

- Workshops, FDP, Symposiums, Conferences and Guest Lectures by Experts from many reputed Institutions like IIT, NIT, Anna University, etc., are arranged on Emerging Technologies by all the departments periodically to enrich the knowledge of students as well as faculty members.
- Industrial Visit and In-plant Training are appreciated by our college to develop the practical knowledge of students. Mini projects, Industry related projects and Research based projects are performed by the students with the help of faculty members.

## 5. Evidence of success

Success is evident through educational innovations and practice. Designing effective learning environment in Education innovation requires, the engineering and education expertise working in continual cycles of educational practice and research. Graduates are trained to be self directed and possess lifelong learning skills. They are critical thinkers, problem solvers and analytical in their approach.

Quality education and placements are assured through educating the students and staffs through various training and development programs.

Success is a journey not a destination. 100 percentage pass, placements and meeting the Industry standards are some of the milestones achieved in the journey. This is accomplished through the practices of mentoring systems, which help to identify the student's talents and create awareness on modern trend.

## 6. Problems Encountered and Resources Required

Faculty members are assigned with administrative works in addition to teaching and research. Faculty needs to play the role of educator as well as entertainer to grasp the attention of the students.

## 7. Notes

Bulletin is prepared well in advance for the academic year, to help the faculties and students to plan and manage time. Students are provided with course plan. Introduction to Subject is given on the first working day of the semester.

The growth of the organization lies in the proper guidance and dedicated team work of the teaching and non-teaching staff members. Success is assured through constant support and guidance from the management.

## Contact details

Name of the Principal	:	<b>Dr.Anant Achary</b>
Name of the Institution	:	Kamaraj College of Engineering and Technology
City	:	Virudhunagar
Pincode	:	626 001
Work phone	:	04549 – 278171
Fax	:	04549 – 278172
Website	:	<a href="http://www.kcetvnr.org">www.kcetvnr.org</a>
Email	:	<a href="mailto:principal@kcetvnr.org">principal@kcetvnr.org</a>



# **NAAC**

## **Self-Study Report**

**Volume 2/2**

### Department of Bio-Technology

1. Name of the department : **BIO-TECHNOLOGY**
2. Year of Establishment : 2002
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme of Study	Description
UG in Industrial Biotechnology and Changed as Biotechnology	Started with <b>40</b> seats on <b>15<sup>th</sup> July 2002</b> Intake increased to <b>60</b> on <b>19<sup>th</sup> Sep 2005 - 2006</b>
PG in Biotechnology	Started with <b>18</b> seats in <b>July 2009</b>
Centre for Research Ph. D and M.S By Research. (Affiliated to Anna University)	Recognized on January, 2012
Accredited by NBA-AICTE for 3 years (F.No. NBA/ACCR-831/2006) 04.03.2009 Reaccredited by NBA-AICTE for 2 years (F. No. 33-231/2010/NBA) 18.09.2013	

4. Names of Interdisciplinary courses and the departments / units involved
  - Mathematics
  - Physics and Chemistry
  - English
5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester system
6. Participation of the department in the courses offered by other departments  
- Nil –
7. Courses in collaboration with other Universities, Industries, Foreign Institutions, etc.-  
-Nil-
8. Details of courses/programmes discontinued (if any) with reasons  
- Nil-

9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	1	1	3	1
Associate Professors	1	-	1	-
Asst. Professors	10	2	11	2

10. Faculty profile with name, qualification, designation, specialization, D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	Years of Experience
1.	Dr. M. Vasanthi	Ph.D.	Professor	Biochemistry /Life Sciences	14 years
2.	Dr. Anant Achary	Ph.D.	Professor	Bioprocess Engineering	18 years
3	Dr. K. Geetha	Ph.D.	Professor	Genetics	11 years
4.	Dr. I. Ganesh Moorthy	Ph.D.	Associate professor	Chemical & Biochemical Engineering	12 years 5 months
5.	Ms. K. Mohana	M. Tech (Ph. D.)	Assistant professor	Bioinformatics	10 years
6.	Mr. S. Karthikumar	M. Tech (Ph. D.)	Assistant professor	Microbiology/ Enzyme Engineering	8 years
7.	Ms.K. S. Vijayalakshmi	M. Tech (Ph. D.)	Assistant professor	Biotechnology	4 years 6 months
8.	Mr.S.Maria Amal raj	M. Tech (Ph. D.)	Assistant professor	Bioprocess Engineering	3 years
9.	Ms.M.Soundarya Lakshmi	M. Tech	Assistant professor	Bioprocess Engineering	3 years
10.	Mr.S.Manibalan	M. Tech (Ph. D.)	Assistant professor	Biopharmaceutical Technology/Biotechnology	4 years
11.	Mr.V.C.Padmanaban	M. Tech (Ph. D.)	Assistant professor	Bioprocess Engineering & Environmental Biotechnology	3 years 3 months
12.	Mr. A. Ronaldo Anuf	M. Tech	Assistant professor	Plant Biotechnology	1year 5 months
13.	Ms. G. Sainandhini	M. Tech	Assistant professor	Genetic Engineering	5 months

Sl. No.	Name	Qualification	Designation	Specialization	Years of Experience
14.	Ms. R.Sasireka	M. Tech	Assistant Professor	Biotechnology	--
PG Staff					
14.	Dr. R. Shyam Kumar	Ph. D	Professor	Microbiology/Biotechnology	17 years
15.	Mr.B.Rengesh	M. Tech	Assistant Professor	Biopharmaceutical technology and Bioprocess	5 Years 8 months
16.	Ms.V.Shunmuga Priya	M. Tech (Ph. D)	Assistant Professor	Bioprocess Technology	3 years

11. List of senior visiting faculty  
- Not Applicable-

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty  
- Not Applicable -

13. Student -Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
UG	13:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	3	3
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D. /M.Phil/ PG.

Ph. D	M. Phil	P.G
5	--	12

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received  
     National (BRNS) – 1  
     International – Nil  
     Grant received – Rs. 14,50,000/-
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received  
     DRDO – 3  
     TNSCST – 1  
     AICTE – 2  
     TNSCST Student Scheme – 7  
     Total Grant Received – Rs.49,20,000/-  
     Total Grant Received from Student Scheme – Rs. 42,000/-
18. Research Centre /facility recognized by the University  
     Yes, Centre for Research – Affiliated to Anna University, Chennai.
19. Publications: (List out the Number of Publications National / International)

STAFF NAME	Publications									
	International Journal	Nat. Journal	Database Web of science, scopus	Monographs	Chapters in books	Books edited	Books in ISBN/ISSN	Citation Index	Impact factor	h-index
Dr. M. Vasanthi	5	3	6	-	-	-	-	28	1.614	3
Dr. Anant Achary	9	-	1	-	-	-	-	36	7.05	1
Dr. K. Geetha	1	-	-	-	2	-	-	7	1.27	1
Dr. I. Ganesh Moorthy	2	1	2	-	-	-	-	-	1.6	-
Mr. K. Mohana	2									
Mr. S. Karthikumar	3	2	2	-	-	-	-	64	0.5	3
Ms.K. S. Vijayalakshmi	-	-	-	-	-	-	-	-	-	-
Mr.S. Maria Amal raj	-	-	-	-	-	-	-	-	-	-
Ms.M.Soundaryalakshmi	-	-	-	-	-	-	-	-	-	-
Mr.S.Manibalan		1	-	-	-	-	-	-	-	-

STAFF NAME	Publications									
	International Journal	Nat. Journal	Database Web of science, scopus	Monographs	Chapters in books	Books edited	Books in ISBN/ISSN	Citation Index	Impact factor	h-index
Mr.V.C.Padmanaban	2	-	-	-	-	-	-	-	-	-
Mr. A. Ronaldo Anuf	3	-	-	-	-	-	-	-	-	-
Ms. Sainandhini	-	-	-	-	-	-	-	-	-	-
Dr. R. Shyam Kumar	12	5	6	-	1	-	-	52	1.5	4
Mr.B. Rengesh	-	-	-	-	-	-	-	-	-	-
Ms.V.Shunmuga Priya	1	-	-	-	-	-	-	-	-	-

20. Areas of consultancy and income generated BT  
Project Proposal Submitted

21. Faculty as members in  
a) National committees b) International Committees c) Editorial Boards....

Sl. No.	STAFF NAME	MEMBERSHIP
1	Dr. M. Vasanthi	ISTE, BRSI, Journal Editorial Board, Q/P setter, Board of Studies etc.,
2	Dr. Anant Achary	ISTE, BRSI, Journal Editorial Board, Q/P Setter, Board of Studies etc.,
3	Dr. K. Geetha	ISTE, BRSI, Q/P Setter
4	Er. I. Ganesh Moorthy	ISTE, BRSI, Q/P Setter, Board of Studies
5	Mr. K. Mohana	ISTE, BRSI, Q/P Setter, Board of Studies
6	Mr. S. Karthikumar	ISTE, BRSI, Q/P Setter
7	Ms.K. S. Vijayalakshmi	ISTE, BRSI
8	Mr.S. Maria Amal raj	ISTE, BRSI
9	Ms.M.Soundarya Lakshmi	ISTE, BRSI
10	Mr.S.Manibalan	ISTE, BRSI

11	Mr.V.C.Padmanaban	ISTE, BRSI
12	Mr. A. Ronaldo Anuf	BRSI
13	Ms. Sainandhini	BRSI
PG Staff		
14	Dr. R. Shyam Kumar	ISTE, BRSI, IMA, ASM, Q/P Setter, Board of Studies
15	Mr.B. Rengesh	ISTE, BRSI
16	Ms.V.Shunmuga Priya	ISTE, BRSI

## 22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme

Sl.No.	Academic Year	UG	PG
		In- House (%)	In- House (%)
1	2009-2010	75	--
2	2010-2011	70	77
3	2011-2012	70	55
4	2012-2013	69	85
5	2013-2014	94	66

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

Sl.No.	Academic Year	UG	PG
		External (%)	External (%)
1	2009-2010	25	--
2	2010-2011	30	23
3	2011-2012	30	45
4	2012-2013	31	15
5	2013-2014	06	34

## 23. Awards / Recognitions received by faculty and students

Sl. No.	Awards/Recognition	2009	2010	2011	2012	2013	2014
01	YSF – TNSCST	1	1	--	1	1	1
02	IAS/INSA/NISA Fellowship	--	--	--	--	--	1
03	YSRA-BARK	--	--	--	--	1	--
04	Rashtriya Vidhya Saraswathi Puraskar Award	--	--	--	--	1	--
05	Best Department Award – KCET	--	1	1	1	--	--

Apart from these awards, every year, our staff members receive certificate of appreciation for achieving 100% pass percentage in their subjects.

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	VISITORS NAME	COLLEGE
1	Dr. P. Kaliraj	Professor & Director, Centre for Biotechnology, Anna University, Chennai
2	Dr. P. Gowtham	Professor & Head, Centre for Biotechnology, Anna University, Chennai
3	Dr. S. Meenakshi Sundaram	Centre for Biotechnology, Anna University, Chennai – 600 025.
4	Dr. Ping – Hei Chen	Professor, Taiwan University Taiwan
5	Dr. C. Gowri Priya	Scientist, Aravind Medical Research Foundation, Madurai

25. Seminars/ Conferences/Workshops organized & the source of funding

Sl. No.	Particulars	National	International	Source of Fund
01	Seminars	Nil	Nil	--
02	Conferences	07 (5 years)	Nil	AICTE, DRDO
03	Workshops	Bodh Gaya - 05	Nil	KCET, TNSCST
04	FDP	Nil	Nil	Nil

26. Student profile programme/course wise: UG

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass Percentage
	Manag ement	Govt.		*M	*F	
B.Tech.(BT) 2009-2010	23	30	53	16	37	96%
B.Tech.(BT) 2010-2011	23	32	55	16	39	95%
B.Tech.(BT) 2011-2012	24	29	53	15	39	83.7%
B.Tech.(BT) 2012-2013	27	33	60	15	45	92%
B.Tech. (BT) 2013-2014	25	32	57	09	48	92.5%

\*M = Male \*F = Female

Student Profile: PG

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass Percentage
	Managem ent	Govt.		*M	*F	
M.Tech.(BT) 2009-2011	11	07	18	05	13	100
M.Tech.(BT) 2010 – 2012	11	07	18	05	13	100
M.Tech.(BT) 2011-2013	01	06	07	04	03	100
M.Tech.(BT) 2012-2014	08	07	15	04	11	100
M. Tech.(BT) 2013-2015	01	09	10	0	10	

\*M = Male \*F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (BT)	100%	-	-

Name of the Course PG (BT)	% of students from the same state	% of students from other States	% of students from abroad
2009-2011	100%	-	-
2010-2012	100%	-	-
2012-2014	100%	-	-
2013-2015	70%	30%	-
2014-2016	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.?

Sl.No.	Academic year	GATE	NET	Defence
1	2009-2010	05	-	
2	2010-2011	04	1	
3	2011-2012	10	-	
4	2012-2013	09+1	-	
5	2013-2014	03	-	1

29. Student Progression

Student Progression	Number of Students				
	2009-10	2010-11	2011-12	2012-13	2013 - 14
UG to PG	28	16	21	12	17
PG to M.Phil.	--	--	--	--	--
PG to Ph.D.	NA	03	03	00	NA
Ph.D. to Post-Doctoral	Nil	Nil	Nil	Nil	Nil
<b>Employed</b>	01	04	08	09	07
• Campus selection					
• Other than campus recruitment	04	05	08	09	10
Entrepreneurship/Self-employment	01	--	--	--	--

30. Details of Infrastructural facilities

a) Department Library

- Separate Department Library facility has more than 550 Biotechnology related books to enrich the knowledge of students.
- The department Library has a reading hall where students and staff can utilize many Project Reports, Project CDs', and University Question Bank effectively.

b) Internet facilities for Staff & Students

20 Systems with Internet Connectivity (21 mbps, BSNL 1mbps line, Wi-Fi- Ntech – 300 mbps)

c) Class rooms with ICT facility

Internet access facility is available in all the classrooms.  
Wi-Fi facility is available in around the block.

d) Laboratories

Bioprocess Lab

Equipped with two - Bioreactors

Downstream Processing Lab

HPLC, Ion Exchange Chromatography, Lyophilizer  
 Biochemistry Lab  
 Cell Biology Lab  
 Molecular Biology Lab  
 PAGE, Electrophoresis,  
 Genetic Engineering Lab  
 PCR, UV Transilluminator  
 Immunology Lab  
 Immuno Electrophoresis, Microplate Reader  
 Bioorganic Chemistry Lab (Shared with Polymer Technology)  
 Chemical Engineering Lab (Shared with Mechanical Engineering)  
 Bioinformatics Lab  
 30 computers with Internet facility, Bio Suite software for Molecular  
 studies and Structure identification  
 Instrumentation methods of analysis Lab  
 UV Spectrophotometer, High speed Centrifuge  
 Microbiology Lab  
 Thermostatic mechanical Shaker, Incubators,  
 Lab for Research Scholars  
 Photo- Bioreactor, Foam Fractionation column

31. Number of students receiving financial assistance from College, University, Government or other agencies

Scholarship / Name of the category	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
General (BT)	-	2	1	-	-
College Unjha Fund (BT)	-	-	-	-	-
State Government (over all college students)	449	344	358	731	774

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

Name of the Programme	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Special Lecture	01	--	10	07	03
Workshops	--	--	--	--	01
Seminar	--	--	--	--	--

33. Teaching methods adopted to improve student learning
  - Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
  - Interested students are given classroom seminars on technical topics.
  - To eliminate fear on Interview Process, mock interviews are conducted.
  - Students are trained through various soft-skills NPTEL – Video Lectures, Biovisual Charts, Student Seminars
  
34. Participation in Institutional Social Responsibility (ISR) and Extension activities.
  - Students participation in intercollegiate competitions, Club activities (YRC, Rotract etc.,) and NCC, NSS.
  - Faculty Development Programme / Workshops, Conferences, Seminars
  
35. SWOC analysis of the department and Future plans
 

**Strengths:**

  - Caring, young dynamic, dedicated and well experienced faculty members.
  - Excellent results produced by students of the department (consistently our students are getting University rank)
  - Faculty with good research motivation as evident from journal publications and externally funded R&D projects.
  - More number of students is qualifying competitive exams like GATE. Active Participation of students in Co-Curricular and Extracurricular activities.

**Weakness:**

  - No flexibility in syllabus framing and curriculum development.
  - Patent filing and consultancy services to industries to be improved.

**Opportunities:**

  - Biotechnology sector is one of the promising sectors and has been identified as an area that can contribute to the growth of the country. Tremendous Entrepreneurial potential to develop cost effective diagnostics, therapeutics, biofertilizers, biopesticides, and Bioinformatics tools

**Challenges:**

  - Since it's a research oriented field it is very difficult to motivate young minds to pursue it as a career and difficult to attract motivated students. During the course they have to be motivated rightly, so that they pursue higher studies equip themselves to face the challenges of the industry. The field is rapidly advancing and teachers need to keep themselves abreast of the latest development in concepts and technology, so that they will be able to transmit it to students.

**Future plans:**

  - To establish a Centre of Excellence in the field of Bioprocess
  - To develop institute industrial interactions
  - To encourage students to explore all areas of biotechnology viz. Agriculture biotechnology, Medical Biotechnology, Industrial Biotechnology etc.,

## Department of Civil Engineering

1. Name of the department: **Civil Engineering**
2. Year of Establishment: 2009
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

PROGRAMME OF STUDY	DESCRIPTION
UG in <b>CIVIL engineering</b>	Started with <b>60</b> seats in <b>July 2009</b>  Intake increased to <b>120</b> in <b>Aug 2013</b>
PG in <b>Structural Engineering</b>	Started with <b>18</b> seats in <b>July 2013</b>

4. Names of Interdisciplinary courses and the departments / units involved

S. NO.	NAME OF FACULTY / FACILITY	DEPARTMENT / PROGRAM	NATURE OF WORK
1	Maths – I Maths – II Transforms and PDE Numerical Methods	Maths	Theory
2	Chemistry – I Chemistry – II	Chemistry	Theory & Practical
3	Physics – I Physics – II	Physics	Theory & Practical
4	Technical English – I Technical English – II Communication Engineering Laboratory	English	Theory Theory Practical
5	Fundamentals of Computing	Computer Science and Engineering	Theory
6	Engineering Practises Laboratory	Mechanical , ECE & EEE	Practical
7	Basics of Electrical and Electronics Engineering	EEE & ECE	Theory

5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester /choice based credit system

6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Strength of Materials Lab	Mechanical Engineering	Practical
2.	CADD Lab	Mechanical Engineering	Practical
3.	Strength of Materials	Polymer Technology	Theory
4.	Fluids and Hydraulics Lab	Mechanical Engineering	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-  
NIL

8. Details of courses/programmes discontinued (if any) with reasons – Nil

9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	2	1	2	1
Associate Professors	0	-	0	-
Asst. Professors	19	2	19	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	Years of Experience
1.	Dr.R.Lakshmi	M.E , PhD	Professor	Structural Engineering	15Y 6 M
2.	Mr.R.Samudra Pandian	M.S	Professor	Structural Engineering	30 Y industry 6 M Teaching
3.	Dr.L.Noarayanan	M.E , PhD	Professor	Structural Engineering	9Y
4.	Mrs.T.Meena	M.E , (Ph.D)	Assistant Professor	Structural Engineering	8 Y 8 M
5.	Mrs.S.Thahira Banu	M.E , (Ph.D)	Assistant Professor	Structural Engineering	6Y 7 M
6.	Mr.S.P.Muralikannan	M.E , (Ph.D)	Assistant Professor	Structural Engineering	3Y 9M
7.	Mr.P.Ponkarthikeyan	M.E , (Ph.D)	Assistant Professor	Environmental Engineering	5Y 11M
8.	Mr.N.Jegan Durai	M.Tech, (Ph.D)	Assistant Professor	Environmental Engineering	5Y 4M
9.	Mr.D.Velumani	M.E , (Ph.D)	Assistant Professor	Structural Engineering	5Y 6M

10.	Mr.M.Subahar	M.E	Assistant Professor	Structural Engineering	3Y 4M
11.	Ms.B.Sathya Priya @ Johnsi	M.E	Assistant Professor	Structural Engineering	2Y 11M
12.	Mr.K.Selvam	M.E , (Ph.D)	Assistant Professor	Structural Engineering	2Y 11M
13.	Mr.P.Ganesh Prabhu	M.E, (Ph.D)	Assistant Professor	Construction Engg & Management	2 Y 1M
14.	Mr.N.Vignesh kumar	M.E , (Ph.D)	Assistant Professor	Structural Engineering	1Y 4 M
15.	Mr.V.Venkatraman	M.E	Assistant Professor	Infra-structure Engineering & Management	3 Y 1 M
16.	Ms.J.Christiarani	M.E, (Ph.D)	Assistant Professor	Environmental Science & Engineering	1 Y 4 M
17.	Mrs.B.Deepa	M.E	Assistant Professor	Structural Engineering	2Y 5 M
18.	Mr.A.Karthik	M.E	Assistant Professor	Structural Engineering	5 M
19.	Ms.J.Vijayalakshmi	M.E	Assistant Professor	Infra-structure Engineering & Management	5 M
20.	Ms.R.Ilayarsi	M.E	Assistant Professor	Structural Engineering	5 M
21.	Ms.V.Sindhuja	M.E	Assistant Professor	Structural Engineering	5 M

11. List of senior visiting faculty- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - Nil

13. Student -Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
UG	15:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	5	5
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D	P.G
2	22

16. Number of faculty with on-going projects from a) National b) International funding agencies and grants received- Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received – NIL

18. Research Centre /facility recognized by the University –Not yet

19. Publications: Refer Criterion III (List out the Number of Publications National / International)

Refer Criterion III : Annexure - II

20. Areas of consultancy and income generated: Civil

Sl. No.	Name of the company	Income Generated
1.	Sri.Vasanthasai Foundations, Mukthi Nilayam, Rayapalayam, Tirumangalam	Rs.7200/
2.	Power Grid Corporation India Limited, Tirumangalam, Madurai	Rs.6000/

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Sl. No.	STAFF NAME	MEMBERSHIP	OTHERS
1.	Dr.R.Lakshmi	ISTE, Member in BOS, Anna University, Chennai.	Question Paper Setter – Mahalingam Engineering College, Pollachi & AC Tech, Karaikudi
2.	Dr. L.Noarayanan	ISTE	
3.	T.Meena	ISTE, FIV	Question Paper Setter –MGR

			University, Chennai, GCT, Coimbatore
4.	Mrs.Thakira Banu	ISTE	
5.	Mr.S.P. Murali Kannan	ISTE	
6.	Mr.P.PonKarthikeyan	ISTE	
7.	Mr.N.Jegan Durai	ISTE	
8.	Mr.D.Velumani	ISTE	
9.	Mr.M.Subahar	ISTE	
10.	Ms.B.Sathyapriya@Johnsi	ISTE	
11.	Mr.K.Selvam	ISTE	
12.	Ms. S.Sophia Christabel	ISTE	
13.	Mr.M.Ganesh Prabhu	ISTE	
14.	Mr.N.Vignesh kumar	ISTE	
15.	Mr.V.Venkatraman	ISTE	
16.	Ms.Christia Rani	ISTE	

## 22. Student projects :-

- Percentage of students who have done in-house projects including inter-departmental/programme - 100%
- Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - Nil

## 23. Awards / Recognitions received by faculty and students

Sl. No.	Year	Title of Project	Innovation from	Award
1.	1989	<b>Mini – Penetration test equipment for shallow foundations- Fabrication and Calibration</b> Mrs.T.Meena, AP/ Civil	'Best Project Award' in UG by DoTE	
2.	2013	<b>Mechanical Properties of Fibre Reinforced Self Compacting Concrete using waste human Hair Fibres</b> Under the guidance of Mrs.T.Meena, AP/ Civil Periasamy Mahendran Anand Kaliraja	TNSCST Project - Cash of Rs. 10000/-	
3.	2013	<b>Study of Interfacial Bond behaviour of Composite Road</b> Under the guidance of Mr.R.Arighandran, AP/ Civil Bharathi Usha Visharma Boovizhili	TNSCST Project - Cash of Rs. 10000/-	
4.	2014	Best Paper Award in for the research paper entitled,		

5.	2014	<b>“Mechanical Properties and Stress-Strain Behaviour of Hybrid Fibre Reinforced Self-Compacting Concrete”</b> , presented in the IEEE-Sponsored Two-Day International Conference on ‘Recent Advances in Mechanical Engineering and Interdisciplinary Developments’ - (ICRAMID-2014), on 7th and 8th March, 2014, at the Department of Mechanical Engineering, Ponjesly College of Engineering, Nagercoil-629003, Tamilnadu, India.	TNSCST Project - Cash of Rs. 7500/-
6.	2014	<b>No cement geopolymer Self Compacting concrete.</b> Under the guidance of Dr.P.Kathirvel, Professor,Civil  M.Ghowtham P.Ajithkumar R.Visakan  Best Paper Award in for the research paper entitled, <b>“Hybrid Fibre Reinforced Self-Compacting Concrete using Sustainable Materials”</b> , presented in TEQUIP_II Sponsored Two-Day International Conference organized by Dept. of Petrochemical Technology, BIT, Trichy o 6 <sup>th</sup> & 7 th Nov. 2014..	

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	VISITORS NAME	DESIGNATION
1	Dr.S.Chandran	Professor of Civil Engineering, Thiagarajar College of Engineering, Madurai.
2	Mr.Iyappan Lakshman	CEO,Magendiran Consultancy Service, Kanchipuram
3	Mr.P.Pandia Raja	Structural Engineer, L&T-ECC Division, Lucknow.
4	Er.S.P.Srinivasan	Structural Consultant, ES Consultancy Services Madurai.
5	Dr.P.Vincent	Professor of Civil Engineering, Mepco Schlenk Engineering College, Sivakasi
6	Dr.K.Arunachalam	Professor of Civil Engineering, Thiagarajar College of Engineering, Madurai.
7	Dr.Karmegam	Dean, Rajalakshmi Engg. College, Thadalam
8	Dr.L.Deepak	Architect, Madurai
9	Er. S.Kalirajan	Additional Chief Engineer, Nuclear Power Project, Koodangulam
10	Dr.A.Vasumathy	Professor of Civil Engineering, KLN College of Information & Technology, Madurai
11	Er.Baskar	Hitech Associates, Madurai.
12	Pa.La.Ramasamy	Advocate, Madurai.
13	Dr.Kari Thangarathinam	Professor, Rajalakshmi Engineering college,Chennai
14	Dr.K.V.Chari	Former Professor of Civil Engineering, Thiagarajar College of Engineering, Madurai.

15	Prof.Soman	Former Professor of Civil Engineering, Thiagarajar College of Engineering, Madurai.
16	Dr.K.Thangavel	Chief Scientist, CSIR-CECRI, Karaikudi
17	Dr.K.Mahendran	Professor & Director I/C, Rural Technology Centre, Gandhigram Rural Institute, Dindigul
18	Dr.P.Oliver Jayaprakash	Professor of Civil Engineering, Mepco Schlenk Engineering College, Sivakasi
19	Dr.S.Nagan	Professor of Civil Engineering, Thiagarajar College of Engineering, Madurai
20	Dr.V.Subbiah	Dean(PG Studies),Hindustan University, Chennai
21	Mr.Mohan Ramanathan	Managing Director, ACT (P) Ltd., Chennai.
22	Mr.N.R.Ashok.	Chief Consultant, ACE Technologies & SMRC., Bangalore
23	Mr.Anand Geethagovindan	Account Manager, ACE Autodesk India Ltd., Bangalore.
24	Sudhakar Deenadhayalan	National Water Consultant - Vedaoli

25. Seminars/ Conferences/Workshops organized & the source of funding

S. No	Particulars	National	International	Source of Fund
01	Seminars	-	-	-
02	Conferences	2	-	KCET
03	Workshops	3	-	KCET
04	FDP	2	-	KCET

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass Percentage	
	Management	Govt.	*M	*F		
B.E.(CIVIL) 2008-2009	-	-	-	-	-	-
B.E.(CIVIL) 2009-2010	24	40	43	21	100	
B.E.(CIVIL) 2010-2011	24	46	45	25		
B.E.(CIVIL) 2011-2012	28	43	46	25	-	
B.E.(CIVIL) 2012-2013	27	43	45	25	-	
B.E.(CIVIL) 2013-2014	29	84	60	53	-	

\*M = Male \*F = Female

## 27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG(CIVIL)	2009 – 2013 97% 2010 – 2014 100% 2011 – 2015 97%	2009 – 2013 3% 2010 – 2014 - 2011 – 2015 3%	-
PG(STRUCTURAL ENGINEERING)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? (List out the details)

## 29. Student progression

Student progression	Against % enrolled					
UG to PG	2009-13 13		2010-2014 N.A			
PG to M.Phil.	-					
PG to Ph.D.	-					
Ph.D. to Post-Doctoral	-					
<b>Employed</b> • Campus selection  • Other than campus Recruitment	2005-09	2006-10	2007-11	2008-12	2009-13	2010-14
	N.A	N.A	N.A	N.A	11	
	6					
	N.A	N.A	N.A	N.A	17	
Entrepreneurship/Self-employment	6					
	1				1	

## 30. Details of Infrastructural facilities

- a) Department Library
  - Library contains more than 238 engineering books to enrich the knowledge of students.
  - The department Library has a reading hall where students and staff can utilize the 5 International journals, NIL - National journals, Many Project CDs', Project Reports, and University Question Bank effectively.
- b) Internet facilities for Staff & Students
  - 21 Mbps speed Leased Line Internet facility for both staff and students

- c) Class rooms with ICT facility  
Internet access facility is available in all the classrooms.  
Wi-Fi facility is available in around the block.
- d) Laboratories

#### **SURVEY LAB-I&I**

Levelling instruments –  
Theodolites  
Plane tables  
Total Station

#### **STRENGTH OF MATERIALS**

Universal Testing Machine  
Compression Testing Machine  
Torsion testing Apparattus  
Hardness testing Apparattus  
Impact testing Machine  
Deflection Testing Apparattus  
Shear Testing Apparattus

#### **HYDRAULICS LAB**

Orifices  
Notches  
Minor and major losses  
Turbines  
Pumps  
Meta centric height  
Hydraulic flume  
Bernoulie's Apparattus

#### **CONCRETE & HIGHWAY LAB**

Vee Bee Consistometer  
Bitumen Ductility Tester  
Marshal Stability Tester  
Aggregate Impact Tester  
Flow Table  
Viscosity testing apparatus  
Le-Chatlier apparatus with water bath  
Mixer Machine  
SCC testing apparatus  
Compaction factor test  
Bitumen Extractor  
Oven

### **ENVIRONMENTAL LAB**

pH meter  
COD Reactor  
BOD incubator  
Turbiditymeter  
Visible Spectrometer  
Kjeldhal digester unit  
Jar test equipment  
Magnetic stirrer  
Hot air oven  
Muffle furnace

### **SOIL LAB**

Plastic limit apparatus  
Sieve shaker and set of sieves  
Triaxial test apparatus  
Consolidation Apparatus  
Unconfined compression tester  
Soil Hydrometer  
Shrinkage limit Apparatus  
Field density kit  
Permeability Apparatus  
Hot air oven

### **STRUCTURALENGINEERING LAB**

Loading frame – 100 tonnes  
Load cells – 50 T & 100 T  
LVDT with magnetic stand  
Proving ring 100 T  
Vibration meter  
Vibration exciter  
Digital Clinometer  
Data Acquisition system  
Hydraulic Manual stacker  
SCC – Fresh properties testing apparatus  
Ultrasonic Pulse Velocity test equipment  
NDT Schmidt rebound hammer

### **CAD LAB**

Computer System	: INTEL CORE i5 3.20 GHZ, 4 GB DD3 RAM - 40 Nos
Auto CAD software	: 120 users
STADD PRO software	: 5 users
ANSYS 11	: 25 users (All the systems are connected with LAN.)

31. Number of students receiving financial assistance from college, university, government or other agencies

Scholarship / Name of the category	2005-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
General (CIVIL)	-	-	-	-	-	Rs. 40,000
College Unja Fund (CIVIL)	-	-	-	-	Rs. 70,000	-
State Government (over all college students) (Nos.)	-	17	25	44	52	67

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Name of the Programme	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Special Lecture	-	-	-	Soil Mechanics – Dr.Sanjay, Thiagarajar College of Engineering, Madurai.	<ol style="list-style-type: none"> <li>1. Construction issues Associated with Koodankulam Power Station Er.S.Kalirajan, Additional Chief Engineer, Koodankulam Nuclear Power Corporation.</li> <li>2. Finite Element Application in Civil Engineering Dr.Kari Thangarathinam,Ra jalakshmi Engineering college,Chennai</li> <li>3. Field interpretation of Soil Mechanics, Dr.K.V.Chari, Former Professor, Thiagarajar College of Engineering, Madurai.</li> </ol>

					4. Astronomical survey with field applications Prof.Soman, Former Professor, Thiagarajar College of Engineering, Madurai.
Workshops	-	-	Cad Modelling Er.T.Deepak	Inter-Disciplinary Topics In Valuation Pa.La.Ramasamy, Er.Baskar	1.Water resource management- Experiences and strategies' Dr.Chandran, Professor, Thiagarajar College of Engineering, Madurai.
Seminar	-	-	-	-	

### 33. Teaching methods adopted to improve student learning

- Teach the students, content beyond syllabus for both theory & lab classes.
- Interested students are given classroom seminars on technical topics.
- Also events organized under ISTE, by Civil Engineering Association
- To familiarize with Interview Process, mock interviews are conducted.
- Students are trained through various soft-skills programmes.
- ICT enabled teaching is given to all the students.
- Placement Training every day one hour to train in Technical, Aptitude and Soft skills.
- Gate- Coaching
- Training in Civil Design & Drawing Software

### 34. Participation in Institutional Social Responsibility (ISR) and Extension activities. Open house

### 35. SWOC analysis of the department and Future plans

#### Strength:

- Qualified and experienced faculty members
- Infrastructure facilities to cater to research activities
- Ever existing demand for Civil Engineers

#### Weakness:

- No active consultancy work carried out in spite of Infrastructure facilities available
- Yet to concentrate on Placement activities

#### Opportunities:

- Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop
- Students will have the opportunity to work in inter disciplinary departments
- Using available laboratories and equipments consultancy work may be undertaken

**Challenges:**

- To enable the students to shine in the Industry to the maximum possible extent by effectively imparting the curriculum knowledge.

**Future Plan:**

- Motivate students to improve their performance and to aim for 100% of students getting degree
- To aim for more university ranks
- Start Post graduate Programme in Environmental Engineering
- Carry out consultancy work

### Department of Computer Science Engineering

1. Name of the department: Computer Science and Engineering
2. Year of Establishment: 1998
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :

Programme of Study	Description
UG in Computer Science and Engineering	Started with 40 seats in 1998 Increase in intake from 40 to 60 in 2001 Increase in intake from 60 to 120 in 2009
PG in Computer Science and Engineering	Started with 18 seats in 2014

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	NAME OF FACULTY / FACILITY	DEPARTMENT / PROGRAM	NATURE OF WORK
1	Maths – I Maths – II Transforms and PDE Numerical Methods Probability and queueing Theory	Maths	Theory
2	Chemistry – I Chemistry – II Environmental Science and Engineering	Chemistry	Theory & Practical
3	Physics – I Physics - II	Physics	Theory & Practical
4	Technical English – I Technical English – II Communication Engineering Laboratory	English	Theory Theory Practical
5	Analog & Digital Communication, Microprocessor & Microcontroller	Electronics and Communication Engineering	Theory Theory / Practical
6	Digital Principles and System Design Digital Lab	Electronics and Instrumentation Engineering	Theory Practical

5. Annual/ semester/choice based credit system (programme wise):  
UG Semester /choice based

6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1	Data Structures & Object Oriented Programming in C++ Computer Architecture & Organization Communication Network Security High Performance Computer Networks Cryptography & Network Security Wireless adhoc & sensor networks Computer Networks	Electronics and Communication Engineering	Theory / Practical Theory Theory Theory / Practical
2	Data Structures and Algorithms Object oriented programming Operating Systems Computer Networks	Electrical and Electronics Engineering	Theory / Practical Theory Theory
3	Fundamentals of Computing Computer Practices Lab –I & II Programming and Data Structures - I	Department of I year B.E/ B. Tech.	Theory Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:

- Campus connect Programme in Collaboration with Infosys
- MoU signed with IBM

8. Details of courses/programmes discontinued (if any) with reasons: NIL

9. Number of Teaching posts

Cadre	UG		PG	
	Sanctioned	Filled	Sanctioned	Filled
Professors	3	2	1	1
Associate Professors	5	1	2	-
Assistant Professors	16	24	-	2
<b>Total</b>	<b>24</b>	<b>27</b>	<b>3</b>	<b>3</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

**Academic Year 2013 – 14 (UG)**

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4
1.	Dr.R.MuthuSelvi	M.E., Ph.d.	Professor	Computer Science and Engineering	20 years, 3 months	-
2.	Dr.P.Subathra	M.E., Ph.d.	Professor	Computer Science and Engineering	12 years, 7 months	2
3.	Mr.A.Anandh	M.E.	Assoc.Professor	Computer Science and Engineering	19 years, 1 month	-
4.	Mrs.R.Ramya	M.E.	Asst.Professor	Computer Science and Engineering	12 years, 2 month	-
5.	Mrs.T.Manonmani	M.E.	Asst.Professor	Computer Science and Engineering	10 years, 6 months	-
6.	Mr.G.Srinivasan	M.E.	Asst.Professor	Computer Science and Engineering	19 years, 1 month	-
7.	Mrs.S.Karpagam	M.E.	Asst.Professor	Computer Science and Engineering	9 years, 1 month	-
8.	Mr.B.MuthuKrishna Vinayagam	M.E.	Asst.Professor	Computer Science and Engineering	6 years, 9 months	-
9.	Mr.L.Prabakar	M.E.	Asst.Professor	Computer Science and Engineering	25 years, 1 month	-
10.	Mrs.V.Sutha Jebakumari	M.E.	Asst.Professor	Computer Science and Engineering	9 years, 2 months	-
11.	Ms.S.Priyadarshini	M.E.	Asst.Professor	Software Engineering	4 years, 2 months	-
12.	Mrs.P.Meha	M.E.	Asst.Professor	Computer Science and Engineering	4 years, 2 month	-
13.	Mr.P.Sudhakar	M.E.	Asst.Professor	Computer Science and Engineering	6 years, 4 months	-

14.	Mrs.K.Muthulakshmi	M.E.	Asst.Professor	Computer Science and Engineering	7 years, 2 month	-
15.	Ms.S.Arulmary	M.E.	Asst.Professor	Computer Science and Engineering	3 years, 1 month	-
16.	Ms.P.Swathika	M.E.	Asst.Professor	Computer Science and Engineering	3 years, 1 month	-
17.	Ms.M.Pradhiba Selvarani	M.E.	Asst.Professor	Computer and Communication	3 years, 1 month	-
18.	Mrs.L.Shanmuga Priya	M.E.	Asst.Professor	Computer Science and Engineering	8 years	-
19.	Ms.B.Krishnalakshmi	M.E.	Asst.Professor	Computer Science and Engineering	3 years, 1 month	-
20.	Ms.S.Janani	M.E.	Asst.Professor	Computer Science and Engineering	2 years, 1 month	-
21.	Ms.K.Kiruthika	M.E.	Asst.Professor	Computer Science and Engineering	3 months	-
22.	Ms.J.Punnitha	M.Tech.	Asst.professor	Computer Science and Engineering	3 months	-
23.	Mr.R.Kabilesh	M.E.	Asst.Professor	Computer Science and Engineering	3 months	-
24.	Ms.M.Usha Rani	M.E.	Asst.professor	Computer Science and Engineering	2 months	-
25.	Ms.T.Mahara Jothi	M.E.	Asst.Professor	Computer Science and Engineering	2 months	-
26.	Mr.D.Muthu Kumar	M.Tech.	Asst.Professor	Computer Science and Information Technology	13 years, 3 months	-
27.	Ms.G.Nirmala	M.E.	Asst.Professor	Computer Science and Engineering	1 month	-

**Academic Year 2013 – 14 (PG)**

S. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Ms.R.Swathiya	M..E.	Asst.Professor	Computer Science and Engineering	3 months	-
2.	Ms.A.Periyanayaki	M.E.	Asst.Professor	Computer Science and Engineering	3 months	-
3.	Dr.M.Indra Devi	M.E., Ph.d.	Professor	Computer Science and Engineering	1 month	8

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled (programmewise) by temporary faculty: NIL

13. Student -Teacher Ratio (programme wise):

Academic Year 2014 – 15 (UG)		
S.No.	Year	Students Strength
1.	II	111
2.	III	136
3.	IV	133
Student – Teacher Ratio : 1:14.07		

Academic Year 2014 – 15 (PG)		
S.No.	Year	Students Strength
1.	I	17
Student – Teacher Ratio : 1:5.67		

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Cadre	Sanctioned	Filled
Administrative staffs	2	4
Supporting staffs	4	4
<b>Total</b>	<b>6</b>	<b>8</b>

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Ph. D.	P.G.
3	27

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received

- **Year 2012 Grant Fund of Rs.6000 from TNSCST –**  
Project Title Low cost air pollution monitoring system using sensor web  
**Project Co-ordinator : G.Srinivasan AP/CSE**
- **Year 2013 Grant Fund of Rs. 5000 from Motorola**  
Energy Efficient Adaptive Smart Street Light Solid State lighting system  
**Project Co-ordinator: G.Srinivasan AP/CSE**

- **Year 2013 Industry sponsored – Project titled “Power Utility Management using Smart Meter”** won prize amount of **Rs.10,000/-**  
**Project Co-ordinator : G.Srinivasan AP/CSE**  
 The same project won **First Prize** in Tamilnadu State level Project Competition conducted By ICTACT - 1 GB Network storage controller worth Rs 25000/-.
- **Year 2013 Student Project Fund Rs 10Lakhs sanctioned for Business incubation**  
 Project Titled Low cost wireless Patient monitoring System for Rural Hospital  
**A.PremSasiKumar –CSE (2009-2013)**  
**Govt Of Rajasthan & IIT - Jodhpur**  
**Project Co-ordinator: G.Srinivasan AP/CSE**  
**Year 2014 – R.Vinoth Kumar – ECE** is continuing this project at IIT, Jodhpur

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc.  
 and total grants received: NIL

18. Research Centre /facility recognized by the University: NIL

19. Publications: Refer Criterion III : Annexure – II

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

- a) National committees
- b) International Committees
- c) Editorial Boards....

Position	Faculty	Organization
Member	Mrs.S.T.Veena	Board of studies V.V.Vanniaperumal College for Women (Autonomous)
Reviewer	Dr.R.Muthuselvi	International Journal of Parallel and Distributed computing, Elsevier
<b>Academic Year 2011-12</b>		
Reviewer,	Mr.P.Sudhakar	International Journal of Computer Engineering Research
Coordinator	Dr M.IndiraDevi	National Conference on Advanced Computing Technologies–NCACT `12

<b>Academic Year 2013-14</b>		
Question paper setter	Mrs.R.Ramya/Faculty	Dr.M.G.R University
Session chair	Dr R.Muthuselvi	International Conference in KLN College of Information Technology, Madurai.
Session chair	Dr P.Subathra	International Conference in KLN College of Engineering, Madurai.
Session Judge	Dr P.Subathra	International Conference in KLN College of Engineering, Madurai.
Coordinator	Dr M.Indira Devi	International Conference on Design, KLNCIT , Madurai.
<b>Academic Year 2014-15</b>		
Reviewer	Dr.R.Muthuselvi	International Journal of Advanced Computer Research(IJACR)

#### **Membership:**

<b>S.No.</b>	<b>Name</b>	<b>Membership</b>	
1.	Dr.R.MuthuSelvi	IE	2008
2.	Dr.P.Subathra	IE	2008
		CSI	2008
		ISTE	2003
		ISRS	2004
		CRSI	2004
3.	Dr M.IndiraDevi	ISTE	1998
		CSI	2008
		IE	2008
4.	Mr.A.Anandh	ISTE	2010
5.	Mrs.R.Ramya	ISTE	2003
6.	Mrs.T.Manonmani	ISTE	2003
7.	Mr.G.Srinivasan	ISTE	2010
8.	Mrs.S.Karpagam	ISTE	2005
9.	Mrs.L.Shanmuga Priya	ISTE	2009
10.	Mr.B.MuthuKrishna Vinayagam	ISTE	2008
11.	Mr.L.Prabakar	ISTE	2010
12.	Mrs.V.SuthaJebakumari	ISTE	2010
13.	Ms.S.Priyadharshini	ISTE	2010
14.	Mrs.P.Meha	ISTE	2010
15.	Mr.P.Sudhakar	ISTE	2011
16.	Mrs.K.Muthulakshmi	ISTE	2011
17.	Ms.S.Arulmary	ISTE	2011
18.	Ms.P.Swathika	ISTE	2011
19.	Ms.M.PradhibaSelvarani	ISTE	2011

20.	Ms.B.Krishnalakshmi	ISTE	2012
21.	Ms.S.Janani	ISTE	2012
22.	Mr D.Muthukumar	ISTE	2000

## 22. Student projects

1. Percentage of students who have done in-house projects including inter departmental/programme
2. Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/other agencies

Year	% of students - In house Projects	% of students - Projects outside the institution
2009-10	100%	-
2010-11	100%	-
2011-12	100%	-
2012-13	100%	-
2013-14	91.3%	8.6%

## 23. Awards / Recognitions received by faculty and students

Awards	Faculty/Students	Organizations
University Rank Holder in M.E	Mrs.R.Ramya / Faculty	Anna University
University Rank Holder in M.E	Mrs.K.Muthulakshmi/ Faculty	Anna University
University Rank Holder in M.E	Ms.S.Janani / Faculty	Anna University
<b>Academic Year 2013-14</b>		
Bronze Partner Faculty	A.Ananadh/ Faculty	Infosys Chennai DC
Bronze Partner Faculty	G.Srinivasan/ Faculty	Infosys Chennai DC
Bronze Partner Faculty	R.Malavizhi / Faculty	Infosys Chennai DC
Bronze Partner Faculty	M.Pradhiba Selvarani/ Faculty	Infosys Chennai DC
Technical Track	P.Sudhakar/ Faculty	Infosys Chennai DC
Rs.8000 Award for paper presentation in International conference ICOCE' 14	P.Sudhakar/ Faculty	Infosys Chennai DC
Rs.7000 Award for paper presentation in International conference ICOCE' 14	P.Sudhakar/ Faculty	The college Management

<b>Academic Year 2014-15</b>		
Distinguished Facilitator	M.Pradhiba Selvarani/ Faculty	Infosys Chennai DC
Distinguished Facilitator	P.Swathika/ Faculty	Infosys Chennai DC
Content Guru	P.Sudhakar/ Faculty	Infosys Chennai DC
Content Guru	M.PradhibaSelvaraniFaculty	Infosys Chennai DC
Delivered Webinar	P.Sudhakar/ Faculty	Infosys Chennai DC

**UNIVERSITY RANK HOLDERS LIST –Students**

**2009-2010**

<b>S.No.</b>	<b>Name</b>	<b>Rank</b>
1.	Ms.P.V. Eswaripriya	17

**2010-2011**

<b>S.No.</b>	<b>Name</b>	<b>Rank</b>
1.	Ms.T.Durga	30
2.	Mr.P.Ramamoorthy	36
3.	Mr.V.B.Bharath	49

**2011-2012**

<b>S.No.</b>	<b>Name</b>	<b>Rank</b>
1.	Ms.S.Gayathri	17
2.	Ms.N.Anitha Devi	31
3.	Ms.J.Jebarose Cathrine	34
4.	Ms.D.Rakashree	38
5.	Mr.S.Krishnakumar	45

**2012-2013**

<b>S.No.</b>	<b>Name</b>	<b>Rank</b>
1.	Ms.V.M.Yazhmozhi	5
2.	Ms.K.Priyadharshini	7
3.	Ms.D.Aarthy	9
4.	Ms.T.Divya	11
5.	Mr.S.Venkatesh	14
6.	Ms.K.Ramya Soundarya Lakshmi	27

7.	Ms.P.Gayathri	29
8.	Ms.S.Santhya	34
9.	Ms.V.Sowmiya	36
10.	Mr.M.Karthikeyan	39
11.	Ms.R.Ponselvi	40
12.	Ms.R.Shobana	44
13.	Ms.S.Ragasudha	45
14.	Ms.A.Nivetha	46
15.	Ms.T.Karthika	50

24. List of eminent academicians and scientists / visitors to the Department

Sl. No.	Date	Name	Designation	Organization
1.	11.07.08 30.07.08	Mr.Kathir vela kumar	Assoc. Prof & HOD/CSE	VHNSN College, Virudhunagar
2.	13.10.08	Mr.Premchandran	CDIET, Virudhunagar	
		Mr.A.Maharajan	Seaport Shipping Pvt Ltd.	
3.	09.01.09	Dr.S.Arivazhagan	Professor / ECE	Mepco, Sivakasi.
4.	09.01.09	Dr.Gopal Gupta	Professor / CSE	Monash, Australia.
5.	09.01.09	Dr.G.Chandra Sekaran	Professor / MCA	Mepco, Sivakasi.
6.	09.01.09	Dr.D.H.Manjaiah	Professor / CSE	Mangalore University, Mangalore.
7.	09.01.09	Dr.K.Muneeswaran	Professor / CSE	Mepco, Sivakasi.
8.	09.01.09	Dr.T.Santhanam	Assoc. Professor & HOD /Computer Science and Applications	D.G.Vaishnav College, Chennai.
9.	09.01.09	Dr.Kannan Balasubramanian	Professor / CSE	Mepco, Sivakasi.
10.	09.01.09	Dr.R.Balasubramanian	Assoc.Professor / CSE	M.S.University, Tirunelveli.
11.	09.01.09	Dr.T.Revathi`	Professor / IT	Mepco, Sivakasi.
12.	09.01.09	Dr.M.ThangaRaj	Professor / CSE	M.K.University, Madurai.
13.	09.01.09	Dr.K.Ramar	Professor / CSE	National Engg. College, Kovilpatti.
14.	10.01.09	Mr.R.Rajesh	Lecturer / CSE	Bharathiyar University, Coimbatore.
15.	10.01.09	Dr.A.Vadivel	Assoc. Professor / Dept. of Computer Applications	NIT, Trichy.
16.	10.01.09	Dr.Mohammed Osman	Professor / Computer	Alfateh

			Engineering	University,Tirpoli,Libya
17.	10.01.09	Dr.Ahmad M.Shafiee	Professor / Basic Science	Islamic Azad University,Iran.
18.	10.01.09	Dr.L.Narashimhan	Professor / CSE	East Carolina University,USA.
19.	03.08.09	Dr.K.Vijayalakshmi	Professor / IT	Mepco Schlenk Engineering College.
20.	02.09.09	Mr.S.Amirtharaj	AP / MCA	Mepco Schlenk Engineering College
21.	14.09.09	Sudhakar.J.P,	Country Head	Everon systems India Ltd, Chennai.
22.	30.09.09	Mr.Chander	Sytes Software solution Ltd.	
23.	15.10.09	Mr.B.Saravanakumar	Virtusa Ltd, Chennai	
24.	25.03.10	Mr. D.Arunkumar	Area Manager	Orange computer Education
25.	07.04.10	Mrs.R.Deepalakshmi	AP/CSE	VCET.
26.	08.04.10	Mr.J.Rajasekar	AP/CSE	Mepco schlenk Engg College, Sivakasi
27.	16.08.10	M.P.Ramkumar	AP/CSE	TCE, Madurai.
28.	23.08.10	Mr.R.Venkatesan	AP/CSE	Karunya University
29.	19.01.11	Mr.R.Saravanakumar	CEO,	Senter Soft Technologies, Chennai
30.	16.07.11	Mr.V.Sakthipriyan	Senior Engineer	Honeywell Technologies, Madurai
		Mr.P.ClementLloyd	Software Engineer	Infosys, Chennai
31.	21.07.12	Mr.A.M Sasi Kumar	Software Trainer	SSI APTECH, Madurai
32.	04.08.12	Mr.Karthik	Data Patterns, West Mambalam, Chennai	
33.	13.08.12	P. Rajesh	Senior Android Developer	Star Technologies, Madurai
		S. Dinesh	Software Developer	
		B. Rangesh Kumar	Marketing Executive	
34.	24.08.12	Mr.Paul Xavier	Branch Manager	ApTech Limited,Madurai
35.	04.01.13	Mr.T. Sridhar	Ramco System Limited, Chennai – 13	
36.	16.02.13	Mr.T. Saravanan	Elz – Emerge Learning Zone, Madurai	
37.	19.02.13	Mrs. S.Vanitha Sivagami (Ph.D.)	Assistant Professor, Department of Computer Science and Engineering	Mepco Schlenk Engineering College, Sivakasi.
38.	22.02.13	Mr.Chanthru Kanna	System Engineer	Infosys,Chennai
39.	05.03.13	Ms.M. Abirami	Capgemini, Pune	
40.	07.03.13 & 08.03.13	Mr.T. Saravanan	Elz – Emerge Learning Zone, Madurai	

41.	17.06.13 – 19.06.13	Mr.K. Navin	Assistant Professor / IT	SRM University, Kattankulathur
42.	02.08.13	Mr.A.Stalin Pushparaj	Senior Game Developer	Next wave Multimedia, Chennai
43.	03.08.13 & 04.08.13 23.08.13 & 24.08.13	Mr. P. Praveen kumar, Mr.T.Velraj & Mr. Sudharsan Nagarajan	Elz Emerge, Madurai	
44.	19.09.13	Dr.Devaraj	Dean, Planning and Development	Kalasalingam University, Krishnankoil
45.	5.10.13	Dr.S. Appavu@ Balamurugan	HOD/IT	KLN college of IT, Madurai
46.	28.11.13	Mrs. Roselin Christopher	Principal	K.V.S Centenary School, Virudhunagar
47.	28.01.14	Dr. P. Mala	Professor/CSE	Mepco Schlenk Engineering College, Sivakasi.
48.	15.02.14	Mrs. S.Vanitha Sivagami	Associate Professor (Sr.Grade)/CSE	Mepco Schlenk Engineering College, Sivakasi
49.	21.02.14	Dr.P.Venkata Krishnan	HOD/ECE	KLN College of IT, Madurai.
50.	31.03.14	Dr. P.Shanmuga Vadivu	Professor, HOD/ MCA Dept.	Gandhigram Rural Institute Deamed University
51.	02.04.14	Dr. B.Muthu Kumaran	Director	Institute of Technology Management and Research (ITMR)
52.	24.06.14	Mrs. Vanathy Balaji	Staff Engineer	Intel Corporation, Singapore
53.	27.06.14	Mr. Roy Arnold Antony	Anchor, Campus Connect Program	Infosys Development Centre, Chennai

25. Seminars/ Conferences/Workshops organized & the source of funding

- a) National
- b) International

<b>Seminars/ Conferences/Workshops organized &amp; the source of funding</b>			
	<b>National</b>	<b>International</b>	<b>Source of Funds</b>
Seminars	15	-	KCET
Conferences	1	1	KCET
Workshops	12	-	KCET

26. Student profile programme/course wise:

Year	Name of the Course / Programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2006-10	CSE	-	62	32	30	87.10
2007-11	CSE	-	65	27	38	87.69
2008-12	CSE	-	66	24	42	80.30
2009-13	CSE	-	130	56	74	78.46
2010-14	CSE	-	139	39	100	81.3

\*M = Male \*F = Female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2006-10	CSE	100	-	-
2007-11	CSE	100	-	-
2008-12	CSE	96.97	3.03	-
2009-13	CSE	100	-	-
2010-14	CSE	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?  
GATE/TANCET DETAILS

Year	GATE		TANCET	
	APPEARED	QUALIFIED	APPEARED	QUALIFIED
2009-10	04	01	-	-
2010-11	21	01	15	--
2011-12	19	-	28	08
2012-13	41	02	47	10
2013-14	28	-	12	4

29. Student progression

Student progression	Against % enrolled					
	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2014 - 2015
UG to PG	15.3	8.06	26.15	15.15	9.23	NA
PG to M.Phil.	-	-	-	-	-	NA
PG to Ph.D.	-	-	-	-	-	NA
Employed						
• Campus selection	33	32	15	14	4	23
• Other than campus recruitment	6	15	5	6	60	2

30. Details of Infrastructural facilities

a) Library

- 486 Books, 53 e-journals

b) Internet facilities for Staff & Students

21 Mbps speed Leased Line Internet facility for both staff and students

c) Class rooms with ICT facility – Yes

d) Laboratories

- **LAB I-** Programming & System software Lab
- **LAB II-** Internet and Web technology Lab
- **LAB III-**Graphics and Multimedia Lab
- **LAB IV-**Network and RDBMS lab
- Research Lab

31. Number of students receiving financial assistance from college, university, government or other agencies

Scholarship / Name of the category	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
General (CSE)	29	7	4	-	-
College Unjha Fund (CSE)	2	2	2	1	-
State Government (over all college students)	449	344	358	376	369

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

<b>Name of the Programme</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>
Special Lecture	8	4	7	7	6
Workshops	-	-	1	4	7
Seminar	-	5	1	6	3

33. Teaching methods adopted to improve student learning

- Various teaching methodologies like Audio Visual learning using LCD, NPTEL Videos, Chart Diagram, and OHP are adopted.
- Some lecture hours are allocated to teach topics, which are the contents beyond syllabus.
- Interested students are given seminars on technical topics.
- Separate placement hour is allocated to develop the student's aptitude skills, soft skills, and to do technical revision.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Demonstration and hands-on practice on Alice Software to school students and teachers of K.V.S Centenary Nursery and Primary School on 28/11/13.
- Open House, NSS & NCC

<b>Club Activity</b>	<b>No. of Students</b>
<b>NSS</b>	<b>15</b>
<b>Rotaract</b>	-
<b>YRC</b>	-
<b>RRC</b>	-
<b>Innovators Club</b>	<b>2</b>
<b>Programmers Club</b>	-

35. SWOC analysis of the department and Future plans

**Strength:**

- Team Work
- Infrastructure
- Central and Departmental Library
- Modern tools and innovative methods in Teaching and Learning
- Industrial Visits
- Faculty Development Programmes
- Seminars and Conferences

- Placement Cell
- Industry-Institution interaction
- Alumni
- Research & Development

**Weakness:**

- Less number of grants obtained for Research Projects

**Opportunities:**

- To learn and adopt new Technologies
- Jobs and Internship

**Challenges:**

- Consultancy and Project Works

**Future plan:**

- Introduce more PG courses related to CSE stream.

## Department of Electronics and Communication Engineering

1. Name of the department: Electronics and Communication Engineering
2. Year of Establishment: 1998
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme of Study	Description
UG in <b>Electronics and Communication Engineering</b>	Started with <b>40</b> seats in <b>15<sup>th</sup> July 1998</b> Intake increased to <b>60</b> in <b>14<sup>th</sup> Aug 2001</b> Intake increased to <b>120</b> in <b>4<sup>th</sup> July 2011</b>
PG in <b>Communication and Networking</b>	Started with <b>18</b> seats in <b>4<sup>th</sup> July 2011</b>

4. Names of Interdisciplinary courses and the departments/units involved

S.No.	Name of Faculty / Facility	Department / Program	Nature of work
Facility Shared			
1	Mathematics-I Mathematics-II Transforms & Partial Differential Equations Probability and Random Process	Maths	Theory
2	Technical English-I Technical English-II Communication Skills Lab	English	Theory/Practical
3	Engineering Chemistry-I Engineering Chemistry-II Environmental Science and Engineering	Chemistry	Theory
4	Engineering Physics-I Engineering Physics-II	Physics	Theory
5	Physics & Chemistry Lab-I Physics & Chemistry Lab-II	Physics & Chemistry	Practical
6	Data Structures & Object oriented Programming in C++ Computer Architecture & Organization Computer Programming Computer Networks Computer Practice Lab-II Data Structures & Object oriented Programming Lab Computer Networks Lab	Computer Science and Engineering	Theory     Practical

7	Electrical Engineering Control System Engineering Electrical Engineering & Control System Lab	Electrical and Electronics Engineering	Theory  Practical
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5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester /choice based credit system.

6. Participation of the department in the courses offered by other departments

S.No.	Name of Faculty / Facility	Department / Program	Nature of work
Facility Shared			
1	Microprocessor & Microprocessor Lab	Computer Science and Engineering	Academic/Practical
2	Microprocessor & Microprocessor Lab	Information Technology	Academic/Practical
3	Digital Signal Processing & Digital Signal Processing Lab	Electrical and Electronics Engineering	Academic/Practical
4	Digital Signal Processing & Digital Signal Processing Lab	Electronics and Instrumentation Engineering	Academic/Practical
5	Electronic Devices & Electronic Circuits Lab	Department of I year B.E./B.Tech.	Academic/Practical
6	Engineering Practices Lab	Department of I year B.E./B.Tech.	Practical
7	Information coding theory	Information Technology	Academic
8	Digital Signal Processing	Computer Science and Engineering	Academic

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-
- Collaboration with Cranes software, Bangalore and received six starter kits from TEXAS Instruments, USA and trained our students in Linear Integrated Circuits Lab.
  - MOU with VI Microsystems and they allow the students to undergo Industrial Visit and Inplant Training.
  - MOU with BSNL Madurai and they allow our students to undergo Inplant Training.
  - Collaboration with ATMEL, Bangalore, for student's project. Six students project are sanctioned with ATMEL Microcontroller Processor.
8. Details of courses/programmes discontinued (if any) with reasons – NA –
9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	2	1	1	1
Associate Professors	5	2	2	-
Asst. Professors	13	-	25	2

10. Faculty profile with name, qualification, designation, specialization,  
(D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	No.of.years of Experience	No.of Ph.D students guided
1.	Dr.M.Sundaram	M.E., (Ph.D.)	Professor	Communication Systems	24 years	-
2.	Dr.Geetha priya	M.E., (Ph.D.)	Professor	Communication Systems	14 years 8 months	3
3	Dr.R.Suresh babu	M.E., (Ph.D.)	Associate Professor (Senior scale)	Communication Systems	21 years 8 months	-
4.	Mrs.A.Geetha	M.E., (Ph.D.)	Associate Professor	Communication Systems	13 years 8 months	-
5.	Dr..B.Vijaya kumari	M.E., (Ph.D.)	Assistant Professor	Communication Systems	16 years 2 months	-
6.	Mrs.C.Nagavani	M.E., (Ph.D.)	Assistant Professor	Embedded System Technologies	11 years 1 month	-
7.	Mrs.J.Ganga Devi	M.E.	Assistant Professor	Communication Systems	9 Years 2 months	-
8.	Mr.J.Augustin Jacob	M.E., (Ph.D.)	Assistant Professor	Communication systems	9 years 1 month	-
9.	Mr.k.Jeyakumar	M.E., (Ph.D.)	Assistant Professor	Computer Science and Engineering	12 years 2 months	-
10.	Mrs.V.Jeyalakshmi	M.E., Ph.D.	Assistant Professor	Embedded System Technologies	8 years 8 months	-
11.	Mrs.N.M.Mary Ssindhuja	M.E., (Ph.D.)	Assistant Professor	Communication Systems	4 years 10 months	-
12.	Mrs.T.Prathiba	M.E., (Ph.D.)	Assistant Professor	Applied Electronics	11 years 4 months	-
13.	Mrs.S.Nisharani	M.E.	Assistant Professor	Communication Systems	5 years 8 months	-
14.	Mrs.T.Pandiselvi	M.E., (Ph.D)	Assistant Professor	Communication System	7 years 11 months	-
15.	Mr.P.Aravind	M.E.	Assistant Professor	VLSI Design	3 years 2 months	-
16.	Mr.R.Ashok	M.E.	Assistant Professor	Communication Systems	7 years 9 months	-
17.	Mrs.M.Stella Mercy	M.E.	Assistant Professor	Communication Systems	2 years 2 months	-
18.	Mr.M.Ramesh	M.E.	Assistant Professor	Communication Systems	1 year 8 months	-

19.	Mr.C.S.Karthikeyan	M.E., (Ph.D)	Assistant Professor	Communication Systems	11 years 8 months	-
20.	Mr.R.S.Venkatesan	M.E., (Ph.D)	Assistant Professor	Embedded System Technologies	9 years 9 months	-
21.	Mrs.P.Reba	M.E., (Ph.D)	Assistant Professor	Communication Systems	4 years 2 months	-
22.	Mrs.R.Nithya	M.E.	Assistant Professor	Optical Communication	2 years 2 months-	-
23.	Mr.Prabin jose	M.E.	Assistant Professor	Communication Systems	4 years 2 months	-
24.	Mrs.R.Gowri Manogari	M.E.	Assistant Professor	Communication Systems	1 year 8 months	-
25.	Ms.S.R.Saranya	M.E.	Assistant Professor	Communication Systems	8 months	-
26.	Ms.Vidhya.P.Janaki	M.E.	Assistant Professor	Communication Systems	8 months	--
27.	Mrs.K.Gowri	M.E.	Assistant Professor	Communication Systems	5 years	-
28.	S.Cynthia Christabel	M.E.	Assistant Professor	Communication Systems	1 year 8 months	-
29.	Mr.T.T.Palaniappan	M.E.	Assistant Professor	Communication Systems	1 year 6 months	-
30.	Mrs.R.Beula Merlin	M.Tech.	Assistant Professor	Communication Systems	Nil	-
31.	Mr.U.Uma Maheswaran	M.E.	Assistant Professor	Optical Communication	3 years	-

11. List of senior visiting faculty - Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - Nil

13. Student -Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
UG	12.85:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical support Staff	6	6
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D / PG.

Ph.D.	PG
4	27

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- Applied

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - Nil

18. Research Centre /facility recognized by the University – Applied

19. Publications (List out the Number of Publications National/International)

**Details of National/International Journal**

S. No.	Journal Name	Nat. / Int.	Authors	Paper Title	Vol.	Issue No.	Year	Page No.	ISSN NO.	IF
1.	IETE Journal of Research	Int.	Mrs.A.Geetha, AP	Automatic Ground Glass Pattern Detection in Lung Disease using Gabor Filter	54	3	May - June 2008	249-254	-	.2
2.	Engineering today	Int.	Mr.K.Kannan, AP Mrs.S.Bharathi, AP	Survey of Image Denoising Methods in Spatial domain	-	-	May 2009	25-31	ISSN 0974 – 8377	-
3.	Intelligent Computing Models	Int.	Mr.K.Kannan, AP	Image Denoising using wavelet transform	-		2009	-	ISSN 978 – 81-7319-955-4	-

4.	Engineering Today	Int.	Mr.K.Kannan, AP Mrs.S.Bharathi , AP	Area level Fusion of Multi-focused Images using Double Density Discrete Wavelet Transform	X	10	Oct 2009	210-217	ISSN 0974 – 8377	-
5.	Engineering Today	Int.	Mr.K.Kannan, AP Mrs.S.Bharathi , AP	Performance comparison of various spatial filters in Image Denoising	XI	8	Aug 2009	1-6	ISSN 0974 – 8377	-
6.	Engineering Today	Int.	Mr.K.Kannan, AP	A Competitive analysis of pixel level fusion of multifocused images using discrete & Stationary wavelet transform	-		2009	-	ISSN 0974 – 8377	-
7.	CIIT International Journal of Digital Image Processing	Int.	Mr.K.Kannan, AP	Area level Fusion of Multi-focused Images using Dual tree complex wavelet packet transform	1	-	2009	-	ISSN 0974 – 9586	.652
8.	CIIT International Journal of Digital Image Processing	Int.	Mr.K.Kannan, AP	Area level Fusion of Multi-focused Images using Double Density DWT & DTCWT	1	6	Sept 2009	231-242	ISSN 0974 – 9586	.652
9.	International Journal of Electronics & Communication Engineering	Int.	Mr.K.Kannan, AP	Performance comparison of feature based fusion of multi focused image using discrete, Stationary and Dual tree complex wave transform	2	3	2009	109-120		

10.	International Journal of Electronics and Communication Science direct	Int.	Dr.K.Ramasamy, AP	Optimal Power allocation for the proposed asymmetric turbo code for 3G systems	63	-	2009	551-561	-	-
11.	International Journal of computational intelligence and applications	Int.	Mrs.S.Bharathi, AP	QRS complex reduction using optimal discrete Wavelet	8	2	June 2009	97-109	-	-
12.	International Journal of Futuristic Computer Applications	Int.	Mr.K.Kannan, AP	A Roadmap for designing an automated visual inspection system	-		2009	-		-
13.	EURASIP Journal on Images Video Processing	Int.	Ms.S.Veeralakshmi, AP	RVM based Human action classification in crowd through projection & star skeletonization	2009	-	Aug 2009	1-12	-	.57
14.	International Journal of Futuristic Computer Applications	Int.	Ms.S.Veeralakshmi, AP	Relevance vector machine based gender classification using gait appearance features	-	-	Oct 2009	-	-	-
15.	The Technology World, Quarterly Journal	Int.	Mrs.S.Bharathi, AP Mr.K.Kannan, AP Mr.K.Arulmozhi, AP	PSNR and MAE comparison of Image Denoising methods using Spatial Domain Filters and combination of Spatial Domain Filters	5	1	Oct 2009	135-142	ISSN-2180-1614	-
16.	International Journal of Computer Applications	Int.	Mr.K.Kannan, AP	Performance of comparison various levels of fusion of multi-focused images using wavelet	1	6	2010	71-78	ISSN 0975 – 8887	.821

				transform						
17.	IJCEIT	Int.	Mr.K.Kannan, AP	Area level fusion of multi-focused images by combining discrete and dual tree complex wavelet	2	1	May 2010	88-95	ISSN 0975 – 8887	-
18.	International Journal of Computer Science and Network Security	Int.	Mr.K.Arulmozhi, AP Mr.K.Kannan, AP Mrs.S.Bharathi, AP	Contrast Improvement of Radiographic Images in Spatial Domain by Edge Preserving Filters	10	2	Feb 2010	233-240	-	-
19.	International journal ,ICTACT, Chennai Journal on Communication technologies	Int.	Mr.R.Suresh babu, AP	BER Performance Comparison Of Multiple Antenna Using Space Time Block Coded OFDM System In Multipath Fading Environment	2	1	Mar 2011	277-282	ISSN-0976-0091	-
20.	International Journal of computer science and Information	Int.	Mrs.A.Geetha, AP Mrs.C.Nagavani, AP Mrs.T.Pandiselvi, AP	Digital image watermarking algorithm based on Wavelet packets	8	6(2)	Nov 2011	403-408	ISSN - 1694-0814	-
21.	I-Manager's Journal on Electrical Engg.	Int.	Mrs.V.Jeyalakshmi, AP	Effective Scheduling Algorithm for RTPS Service in WIMAX Networks	5	1	2011	41	ISSN-0973-	-
22.	Global Trends in Information Systems and software Applications (Springer)	Int.	Mrs.S.Jeypriya, AP	Object Recognition with Wavelet Based Salient points	-	-	2012	532-541		-

23.	European Journal of Scientific Research	Int.	Mr.R.Suresh Babu, AP	Estimation of Transmission power, capacity and Channel Efficiency of Cognitive Mobile ADHOC Networks	78	4	June 2012	633-642	ISSN-	-
24.	Journal of digital imaging- Springer	Int.	Dr.B.Vijaya Kumari, AP	An effective dental shape extraction algorithm using contour information and matching by mahalanobis distance	26	2	June 2012	259-268	ISSN 0897-1889	1.1
25.	International Journal of Computational Engg. Research	Int.	Mrs.M.Stella Mercy, AP	Performance analysis of Epileptic Seizure Detection using DWT & ICA with Neural Networks	2	4	Aug 2012	1109-1113	ISSN-2250-3005	-
26.	International Journal of Computer Applications in Engineering Sciences	Int.	Mrs.T.Prathiba, AP Mrs.N.Mary Sindhuja, AP Mrs.S.Nisharan i, AP	Edge detection of synthetic image using GHM multi wavelet Transform	2	4	Dec 2012	399-403	ISSN-2231-4946	.395
27.	International Journal of Engg. Research & Technology (IJERT)	Int.	Mrs.T.Prathiba, AP Mrs.N.Mary Sindhuja, AP Mrs.S.Nisharan i, AP	Content Based Image Retrieval Based on Spatial Constraints using Lab view	2	1	Jan 2013	1-6	ISSN-2278-0181	1.76
28.	International Journal of Computer Science and Mobile Computing	Int.	Mrs.T.Prathiba AP Mr.G.Ravindran, AP	Integrated Feature Extraction for Image Retrieval	2	2	Feb 2013	28-35	ISSN-2320-088X	1.0148
29.	Radio Engineering	Int.	Mr.Karuppiah Annaram, Professor	Investigation of compact low pass filter with sharp cutoff using meta	22	3	Sept 2013	729-733	ISSN: 1210-2512	.687

				material						
30.	International journal of advanced research in electrical, electronics and instrumentation engineering	Int.	Mrs.N.M.Mary Sindhuja, AP	SPIHT based compression of hyper spectral images	2	10	Oct 2013	4933-4938	ISSN - 2278-8875	1.686
31.	International journal of advanced research in electrical, electronics and instrumentation engineering	Int.	Mrs.C.Nagavani, AP Mrs.T.Prathiba, AP	An integration of live wire, graph cut and oriented active appearance model for distinctive bio-organ segmentation	2	10	Oct 2013	-	ISSN - 2278-8875	1.686
32.	International journal of advanced research in electrical, electronics and instrumentation engineering	Int.	Mrs.T.Prathiba, AP	An efficient content based image retrieval using local tetra pattern	2	10	Oct 2013	-	ISSN - 2278-8875	1.686
33.	International Journal of computational engineering research	Int.	Mr.R.S. Venka tesan, AP	A Novel fault recovery scheme for motion analysis testing applications	3	10	Oct 2013	-	ISSN 2250-3004	-
34.	International Journal of research in information technology	Int.	Mrs.T.Prathiba, AP`	NN based algorithm for detection of hidden weapons from THz image	1	11	Nov 2013	137-146	ISSN0 2001-5569	1.738
35.	International journal of biomedical engineering and technology	Int.	Dr.B.Vijaya kumari, AP	Missing tooth identification and teeth numbering in dental X-ray and photographic	13	2	2013	185-200	-	.02

				imaging						
36.	The institution of engineering and technology –biometrics	Int	Dr.B.Vijaya Kumari, AP	Dental radiographs and photographs in forensic identification	2	2	April 2013	56-63	ISSN 2047-4938	.019
37..	International journal of education and humanities	Int.	Mrs.A.Geetha, AP	Analysis of face recognition for different data bases	2	1	Dec 2013	-	-	-
38.	Journal of Electronic imaging	Int.	Dr.B.Vijaya Kumari, AP	Victim identification with dental images using texture and morphological operations	23	1	Jan 2014	p-013004	ISSN 1017-9909	1.12
39.	International journal of biomedical engineering and technology	Int.	Mrs.J.Ganga Devi,AP	Classification of cardiac arrhythmias based on morphological and rhythmic features	14	3	2014	192-208	ISSN	-
40.	International journal of computer science and mobile computing	Int.	Mr.J.Prabin Jose, AP	Bundle protocol along with OLSR in MANET	3	2	Feb 2014	-	ISSNv 2320-088X	1.01 48
41.	Optik - International Journal for Light and Electron Optics (Elsevier)	Int.	Mrs.R.Gowri Manohari, AP	Analysis and Compensation of Polarization Mode Dispersion in Single Channel, WDM and 32-channel DWDM Fiber Optic System	125	-	2014	18–24		.519
42.	International Journal of innovative research in science engineering	Int.	Mr.M.Ramesh, AP	Performance analysis and throughput maximization using flooding approach in	3	3	Mar ch 2014	-	ISSN 2347-6710	-

	and technology			wireless sensor networks						
43.	International journal of innovative research in science engineering and technology	Int.	Mrs.A.Geetha, AP	Face detection on real life images and video frames based on LDA	3	3	March 2014	-	ISSN 2347-6710	-
44.	International journal of computer science and mobile computing	Int.	Mr.P.Aravind, AP	Enhanced privacy ID for remote authentication using direct anonymous attestation scheme	3	2	Feb 2014	-	ISSN-2320-088X	-
45.	International journal of computer science and mobile computing	Int.	Mrs.N.M.Mary Sindhuja, AP	Performance analysis of image Fusion Algorithms using HAAR Wavelet	3	1	Jan 2014	487-494	ISSN-2320-088X	1.686
46.	International journal of engineering research and technology	Int.	Mrs.C.Nagavani, AP	Implementattion contrast image enhancement using DWT in BF532 processor	-	-	March 2014	-	ISSN 2278-0181	-
47.	International journal of research in engineering and technology	Int.	Mrs.V.Jaya Lakshmi, AP	Improving energy efficiency in wireless sensor networks using ANTNET algorithm	-	-	April 2014	-	-	-
48.	International journal of innovative research in science engineering and technology	Int.	Dr.B.Vijaya Kumari, AP	Automatic segmentation of pulmonary Lobe using Markov based Watershed algorithm	3	3	March 2014	1182-1187	ISSn: 2319-8753	-
49.	International Journal of Innovative research in	Int.	Mr.K.Jeya Kumar, AP	Diversified Intrusion Detection with various	3	3	March, 2014	701-707	ISSn: 2319-8753	1.682

	Science, Engineering and Technology			detection methodologies using sensor fusion						
50.	Biomedical Engineering application Basis and Communications	Int.	Dr.M.Sundaram Professor	Efficient edge emphasized mammogram image enhancement for detection of microcalcification	26	5	2014	-	-	0.23

20. Areas of consultancy and income generated: ECE - Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards..

S.No.	STAFF NAME	MEMBERSHIP
1	Dr.M.Sundaram	ISTE, IE(I)
2	Dr.R.Suresh Babu	IETE, ISTE
3	Dr.C.Geetha priya	IETE, ISTE
4	A.Geetha	IETE, ISTE
5	Dr.B.Vijaya kumari	IETE, ISTE
6	K.Jeya kumar	ISTE
7	J.Gangadevi	IETE, ISTE
8	C.Nagavani	IETE, ISTE
9	J.Augustin Jacob	IETE, ISTE
10	N.M.Mary Sindhuja	IETE, ISTE
11	T.Prathiba	IETE, ISTE
12	S.Nisharani	IETE, ISTE
13	V.Jeyalakshmi	IETE, ISTE
14	P.Aravind	IETE, ISTE
15	T.Pandiselvi	IETE, ISTE
16	R.Ashok	IETE
17	M.Stella Mercy	IETE, ISTE
18	M.Ramesh	ISTE
19	R.S.Venkatesan	ISTE
20	C.S.Karthikeyan	ISTE
21	J.Prabin Jose	ISTE
22	P.Reba	ISTE
23	R.Nithya	ISTE
24	R.Gowri Manohari	ISTE
25	S.R.Saranya	ISTE
26	Vidhya.P.Janaki	ISTE
27	K.Gowri	ISTE
28	S.Cynthia Christabel	ISTE
29	T.T.Palaniappan	-
30	R.Beula Merlin	-
31	U.Uma Maheswaran	-

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme - 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e. in Research laboratories/Industry/ other agencies.
  1. Ms.G.Indumathi-Research Trainee and also doing integrated Ph.D. - CSIR,Chennai.
  2. Mr.M.Vinothkumar - Doing Research in IIT, Jothpur.

23. Awards / Recognitions received by faculty and students

S. No.	Year	Title of Project	Innovation Award from
1.	2014	Quality Evaluation of wheat using Microwaves M.Preethi J.Nivetha K.Sabitha	IETE-National level Project Contest-Cochin Centre- Second Place
		Real time Auditorium power supply control using Digital Image Processing K.Venkatesh P.Sarathkumar S.Mohan S.Thalavai Shanmuga Balaji	IETE-National level Project Contest-Cochin Centre-Third Place
		Quality Evaluation of Food by Dielectric Measurement M.Preethi J.Nivetha G.Nagasaranya	ICTACT – Best Innovator Award 2014-Third Place
2.	2013	Power Utility Management using Smart Meter M.Aravind G.Ravichandran T.A.VenkateshBabu M.Vinoth kumar	ICTACT – Best Innovator Award 2013  IIT-Jothpur-Yuvaavishek Award
3.	2012	G.Ravichandran G.Aravind	TI Design contest 2012

24. List of eminent academicians and scientists / visitors to the department

S.No.	VISITORS NAME	COLLEGE
1	Dr.K.Arivazhagan	Principal-Mepco Schlenk Engineering College-Sivakasi
2	Dr.V.Abhai kumar	Principal-Thiagarajar College of Engineering-Madurai
3	Dr.S.Raju	HOD/ECE- Thiagarajar College of Engineering-Madurai
4	Dr.N.Gunasekaran	Former HOD,CEG-Anna University
5	Dr.M.Manikandan	MIT-Chennai
6	Dr.K.Rameshwaran	Former HOD/ECE,NIT,Trichy
7	Dr.G.Lakshmi Narayanan	NIT-Trichy
8	Dr.R.Suganesh	Thiagarajar College of Engineering-Madurai
9	Dr.M.Suganthi	Thiagarajar College of Engineering-Madurai
10	Dr.R.Alaguraja	Thiagarajar College of Engineering-Madurai
11	Dr.S.Kanthamani	Thiagarajar College of Engineering-Madurai
12	Dr.C.Geethapriya	Mepco Schlenk Engineering College-Sivakasi
13	Dr.R.Santha Selvakumari	HOD/ECE-Mepco Schlenk Engineering College-Sivakasi
14	Dr.D.Selvathi	Prof-ECE- Mepco Schlenk Engineering College-Sivakasi
15	Dr.N.Vijayarangan	National Engineering College-Kovilpatti
16	Mr.K.Balasubramanian	GM-BSNL-Virudhunagar
17	Dr.S.Mohamedmansoor Roomi	Thiagarajar College of Engineering-Madurai
18	Dr.S.J.thiruvengadam	Thiagarajar College of Engineering-Madurai
19	Dr.G.Indumathi	Prof-ECE- Mepco Schlenk Engineering College-Sivakasi
20	Dr.B.Sathiya Bama	Thiagarajar College of Engineering-Madurai
21	Dr.S.Raghavan	NIT, Trichy
22	Dr.V.Vaidehi	MIT,Chennai
23	Dr.N.Senthil kumar	Prof-ECE- Mepco Schlenk Engineering College-Sivakasi
24	Mrs. G. Indumathi	AP/ECE, Mepco Schlenk Engg. College, Sivakasi
25	Mrs. S. Tamil Selvi	Prof./ECE, National Engg. College, Kovilpatti
26	Dr.S.Kanthamani	Assistant Professor . ECE Thiagarajar College of Engineering
27	Mr.K.Venkataraman	ITS,DGM (CM), BSNL, Virudhunagar
28	Dr.Muthubalan	IBM Bangalore
29	Er.N.Arumugam,	AP/ECE, National Engineering College –Kovilpatti
30	Dr.S.Kanthamani	AP/ ECE Thiagarajar College of Engineering, Madurai

31	Dr.Balamurugan	HOD/Maths, Velammal college of Engineering & Technology, Madurai
32	Dr.S.Jeya kumar	M.B.B.S.,F.C.C Siva Deaddiction centre, Theni
33	Mr.T.Sukumar	Assistant transport officer
34	Er.Dhanasinga Raja	NCCT
35	Mr.Udhay Kumar	HR, Data patterns, Chennai
36	Er.Chandru kanna	System Engineer Infosys Chennai
37	Mr.Ibrahim,	Time Institute
38	Dr.M.S.K.Manikandan	AP/ECE TCE Madurai
39	Mr.B.Lawrence	C.E.O, Global CADD Education
40	Dr.Mal Madhanraj	AP/ECE NIT-Trichy
41	Dr.K.Malathy	AP/ECE College of Engineering Anna University, Guindy, Chennai
42	Dr.K.Malathy	AP/ECE ,College of Engineering Anna University, Guindy , Chennai – 25
43	Dr.G.Velmathi	Professor / ECE Velammal College of Engineering and Technology, Madurai
44	Mr.V.Barathi Raja	Assistant Manager – Academics TIME , Madurai
45	Dr.T.Veerarajan,	Professor Mathematics(Rtd), Madurai
46	Dr.O.Uma Maheswari	AP/ECE- AnnaUniversity-Chennai
47	Mr.Sathish kumar	Research Scholar-IIT M

25. Seminars/ Conferences/Workshops organized & the source of funding

S.No.	Particulars	National	International	Source of Fund
1	Seminars	33	-	ISTE,IETE,KCET
2	Conferences	7	-	CSIR,DRDO,IETE
3	Workshops	13	-	ISTE,IETE,KCET
4	FDP	3	-	KCET

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
	Management	Govt.		*M	*F	
B.E.(ECE) 2008-2009	25	40	65	38	27	92.31
B.E.(ECE) 2009-2010	24	39	63	19	44	82.54
B.E.(ECE) 2010-2011	27	43	70	36	34	-
B.E.(ECE) 2011-2012	29	108	137	46	91	-
B.E.(ECE) 2012-2013	45	94	439	44	95	-
B.E.(ECE) 2013-2014	32	79	111	22	89	87.14
B.E.(ECE) 2014-2015	30	83	113	25	88	-
M.E.(Comm. & Net.) 2013-2014	6	10	16	03	13	88.8
M.E.(Comm. & Net.) 2014-2015	3	8	11	02	09	-

\*M = Male \*F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG (ECE)	100%	-	-
PG (CNE)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?  
Gate - 3 Students (Mrs.P.Thilagarathi, Ms.G.Indumathi & Mr.P.Ramadurai)

29. Student progression

Student progression	Against % enrolled					
UG to PG	2005-09	2006-10	2007-11	2008-12	2009-13	2010-14
	10	12	10	9	5	5
PG to M.Phil.	-					
PG to Ph.D.	-					
Ph.D. to Post-Doctoral	-					

<b>Employed</b>	2005-09	2006-10	2007-11	2008-12	2009-13	2010-14
• Campus selection	18	16	24	13	32	20
• Other than campus recruitment	26	19	06	04	02	06
Entrepreneurship/Self-employment	05 - Mr.Prabhu, Mr.Jeyaganeshwaran, Ms.Gokuldas Praveen babu, Mr.Jegadeesh & Mr.Udhayan					

### 30. Details of Infrastructural facilities

#### a) Department Library

- Department Library contains more than 550 engineering books to enrich the knowledge of students.
- The department Library has a reading hall where students and staff can utilize the newspaper (The Hindu & Dhinamani), 14 International journals, 19 National journals, Many Project CDs', Project Reports, and University Question Bank effectively.

#### b) Internet facilities for Staff & Students

21 Mbps speed Leased Line Internet facility for both staff and students

#### c) Class rooms with ICT facility

- Internet access facility is available in all the classrooms.
- Wi-Fi facility is available in around the block.

#### d) Laboratories

##### **ECE LAB-I**

Computer Systems:

DELL-Intel(R) Core(TM) [i5-CPU@3.20GHz](#), 4GB RAM-36 Nos

All the systems in the lab are connected with LAN using OFC.

Microwave benches & optical trainer Kits.

Microprocesors & Microcontrollers kits.

##### **ECE LAB-II**

Linear & Digital IC Trainer kits.

##### **ECE LAB-III**

Computer Systems: INTEL CORE i3 3.20 GHZ, 2 GB DD3 RAM 500 GB SATA HDD-20 Nos.

All the systems in the lab are connected with LAN using OFC.

##### **ECE LAB-IV**

Computer Systems: INTEL CORE i3 3.20 GHZ, 2 GB DD3 RAM 500 GB SATA HDD-20 Nos

DELL-Intel(R) Core(TM) [i5-CPU@3.20GHz](#), 4GB RAM- 14 Nos

Tanner software:15 users  
 PSPICE-ORCAD software-Multiuser  
 MATLAB software.-Multiuser  
 C5416-Code composer studio& Many DSP &VLSI Processors kits.  
 All the systems in the lab are connected with LAN using OFC.

31. Number of students receiving financial assistance from college, university, Government or other agencies

<b>Scholarship Name of the Category</b>	<b>2005- 2009</b>	<b>2009- 2010</b>	<b>2010- 2011</b>	<b>2011- 2012</b>	<b>2012- 2013</b>	<b>2013- 2014</b>
General (ECE)	02	07	06	14	02	-
College Unjha Fund (ECE)	05	07	06	03	01	01
State Government (over all college students)	369	449	344	358	376	-

32. Details on student enrichment programmes (special lectures / workshops /Seminar) with external experts

<b>Name of the Programme</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>
Special Lecture	3	6	7	1	3
Workshops	5	-	1	-	2
Seminar	1	-	-	-	3

33. Teaching methods adopted to improve student learning

- Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
- Interested students are given classroom seminars on technical topics.
- Know your subject for testing the subject skills for any competitive examinations. (Eg. GATE Exam)
- Students are given the opportunity of organizing technical departmental events such as GENESIS, SPECTRUM etc, also events organized under ISTE & IETE
- To eliminate fear on Interview Process, mock interviews are conducted.
- Students are trained through various soft-skills programmes.
- ICT enabled teaching is given to all the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities Open house- Nil

35. SWOC analysis of the department and Future plans

**Strength:**

- Excellent Academic Performance.
- Qualified, well experienced and dedicated faculty members.
- Four faculty members are doctorates.
- Excellent Infrastructure facilities.
- Consistently producing University rank holders.
- Very good staff-students relationship.

**Weakness:**

- Department-level entrepreneurship development initiatives
- Consultancy works
- Funded Projects

**Opportunities:**

Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop

- Students will be placed in MNCs and IT sector
- Students will have the opportunity to work in inter disciplinary departments.
- Students have the opportunities to pursue higher studies in reputed institutions through the competitive exams with the GATE coaching classes conducted in the department.

**Challenges:**

- Unlearning hardware kits and software tools which are becoming obsolete and coping with learning new hardware and software tools to cope-up with technological developments.
- Delivering the students with potential excellence and competency for the industrial requirements.

**Future Plan:**

- To motivate students to improve their performance to achieve more university ranks & to get more placements in core companies.
- Augment Post graduate Programmes
- Research Projects

### Department of Electrical and Electronics Engineering

1. Name of the department : Electrical and Electronics Engineering
2. Year of Establishment : 2002
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D. Integrated Masters; Integrated Ph.D., etc.)

Programme of study	Description
UG in <b>Electrical and Electronics Engineering</b>	Started with <b>40</b> seats in <b>2002-03</b> Intake increased to <b>60</b> seats in <b>2005-06</b> Intake increased to <b>120</b> seats in <b>2012-13</b>
PG in <b>Power Systems Engineering</b>	Started with <b>18</b> seats in <b>2012-13</b>
Ph.D. in <b>Electrical Engineering</b>	The EEE department has been recognized as a Research Centre by Anna University, Chennai in the year 2013

4. Names of Interdisciplinary courses and the departments/units involved

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1	Transforms & PDE Numerical Methods	Mathematics	Theory
2	Power Plant Engineering	Mechanical Engineering	Theory
3	Data Structures and Algorithms	Computer Science and Engineering	Theory / Practical
	Object Oriented Programming		
4.	Communication Engineering	Electronics and Communication Engineering	Theory
	Digital Signal Processing		
5.	Communication Skills	English	Theory / Practical

5. Annual/ semester/choice based credit system (programme wise):

UG & PG – semester /choice based credit system

6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1	Electrical Machines Lab	1. Electronics and Communication Engineering	Practical
		2. Mechanical Engineering	
2	Electric Circuits Lab	Electronics and Instrumentation Engineering	Practical
3	Engineering practices Lab (Electrical)	All the First Year students	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.

-Nil-

8. Details of courses/programmes discontinued (if any) with reasons -

-Nil-

9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	2	1	1	1
Associate Professors	5	2	3	-
Asst. Professors	13	-	17	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

S. No.	Name	Qualification	Designation	Specialization	No.of Years of Experience	No.of Ph.D. Students guided for the last 4 years
1.	Dr.S. Kalyani,	M.E., Ph.D.	Professor/ Department I/C	Power system Engineering	<b>Teaching:</b> 12 years 4 months	Nil
2.	Dr.S. Jeyadevi	M.E., Ph.D.	Professor	Power system Engineering	<b>Teaching:</b> 9 years <b>Research:</b> 4 Years	Nil

3.	K. Muthulakshmi	M.E., Ph.D.	Associate Professor	Power system Engineering	<b>Teaching:</b> 16 years 8 months	Nil
4.	Dr.S.Nagalakshmi	M.E., Ph.D.	Associate Professor	Power system Engineering	<b>Teaching:</b> 12 years 4months	Nil
5.	Dr.D.Prince winston	M.E.,Ph.D.	Associate Professor	Power electronics and drives	<b>Teaching:</b> 6 Years 4 months	Nil
6.	B.Noorul Hamitha	M.E.,	Assistant Professor	Power systems Engineering	<b>Teaching:</b> 10 years 5 months	Nil
7.	S.Sangeetha	M.E.,	Assistant Professor	Power systems Engineering	<b>Teaching:</b> 8 years	Nil
8.	R.Shanthi	M.E.,	Assistant Professor	Control and Instrumentation	<b>Teaching:</b> 9years 6 months	Nil
9.	M. Kandasamy	M.E.,	Assistant Professor	Power systems Engineering	<b>Teaching:</b> 6Years 4Months <b>Industry:</b> 4 months	Nil
10.	S. Rajesh Babu	M.E.,	Assistant Professor	Power systems Engineering	<b>Teaching:</b> 6Years 4 Months	Nil
11.	A.Thenkani	M.E.,	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 3years 2months Industry: 20 years	Nil
12.	A.Azarudeen	M.E.,	Assistant Professor	Energy Engineering	<b>Teaching:</b> 3 years 2 months	Nil
13.	S.Kalpana	M.E.,	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 2 years 11 months	Nil
14.	M.Eswari	M.E.,	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 2 year 3 months	Nil
15.	B.Guru Karthik Babu	M.E.,	Assistant Professor	Power systems Engineering	<b>Teaching:</b> 2 years 10 months	Nil
16.	G.Sakthivel	M.E.,	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 1year 11months	Nil

17.	M.Gokila	M.E.,	Assistant Professor	Applied electronics	<b>Teaching:</b> 1year 11 months	Nil
18.	P.Amirtha Priscilla	M.E.,	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 1 year 3 months	Nil
19.	G.Saranya Devi	M.E.,	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 1 year 3 months	Nil
20.	L.Jenifer Sindhujah	M.E.,	Assistant Professor	Power systems Engineering	<b>Teaching:</b> 1year 4months	Nil
21.	D.Marriappan	M.E	Assistant Professor	Applied electronics	<b>Teaching:</b> 4 years 2 months	Nil
22.	K.Dheebika	M.E	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 3 months	Nil
23.	S.S.Lalitha Maheswari	M.E	Assistant Professor	Power electronics and drives	<b>Teaching:</b> 3 months	Nil
24.	P.M.Devie	M.E	Assistant Professor	Power systems	<b>Teaching:</b> 3 months	Nil

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (Programme wise)

Programme	Student-Teacher Ratio
UG	10:1
PG	11:1

14. Number of academic support staff (technical) and administrative staff – sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	3	5
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D.	P.G
4	20 (7 are pursuing Ph.D.)

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- : Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received :

S.No.	Title of the project	Funding organization	Amount received	Date of completion of the project
1.	Novel method to increase the efficiency of solar panel using Fresnel concentrator	TAMIL NADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY	7500/-	24-08-2014

18. Research Centre /facility recognized by the University –  
The Department has been recognized as a 'Centre for Research' by Anna University, Chennai in the year 2013.

19. Publications: (List out the Number of Publications National/ International)

S.No.	Publications	Number of publications
1.	Conferences (National level)	30
2.	Conferences (International level)	19
3.	Journals (National level)	04
4.	Journals (International level)	33

Refer Criterion III: Annexure – II

20. Areas of consultancy and income generated : Nil

21. Faculty as members in

a) National committees	-
b) International Committees	-
c) Editorial Boards	03
d) Paper Setters	06
e) Syllabus revision committee	01
f) Student's projects	01

22. Student's projects

a) Percentage of students who have done in-house project including interdepartmental/programme	100%
b) Percentage of students placed for projects in organizations outside the institution	-
c) Details of facilitating other university students to execute their projects	Nil

23. Awards / Recognitions received by faculty and students  
Faculty : 16 Students : 20

S.No.	Awards	Faculty/Students	Organizations
1	Best M.E. Thesis Award	Dr.S.Kalyani, Prof. & Head/EEE Faculty	Thiagarajar College of Engineering, Madurai
2	Fifth University Rank Holder in B.E. degree examinations		Madurai Kamaraj University
3	College First Rank in M.E. I sem. and II Sem. examinations		Thiagarajar College of Engineering, Madurai
4	Obtained valid GATE Score of 71.23 percentile		Department of Education, Ministry of Human Resource Development, Govt. of India
5	School First Rank in S.S.L.C Matriculation Board Examinations		Alagappa Matriculation and Higher Secondary School, Karaikudi
6	School First Rank in H.Sc. Board Examinations		Alagappa Matriculation and Higher Secondary School, Karaikudi
7	Second Rank Holder in M.E. degree examinations	Dr.S.Nagalakshmi, Prof./EEE Faculty	Thiagarajar College of Engineering, Madurai
8	Madurai Kamaraj University Second Rank Holder in B.E. degree examinations		Madurai Kamaraj University
9	Anna District Second Rank in S.S.L.C Examinations		St. Joseph's Girls' Higher Secondary School, Dindigul.
10	Academic Excellence	Mr.M.Kandasamy, AP/EEE Faculty	Arulmigu Kalasalingam College of Engineering, Krishnankoil.
11	Best Presented Paper Award	Mr.A.Thenkani, AP/EEE Faculty	IEEE-International Conference on Computer, Communication and Electrical Technology (ICCCET 2011) at National College of Engineering, Maruthakulam, Tirunelveli

12	Scholarship Cash Award	Ms.M.Eswari, AP/EEE Faculty	Mepco Schlenk Engineering College, Sivakasi
13	University Rank Holder in B.E.- EEE (May 2010)		KCET – Anna university Chennai
14	University Rank Holder in B.E.- EEE (May 2013)	Ms.A.Amirtha Prisilla, AP/EEE, Faculty	Anna University, Chennai
15	University Rank Holder in B.E.- EEE (May 2013)	Ms.G.Saranya Devi, AP/EEE, Faculty	Anna University, Chennai
	Best presented paper award		
16	University Rank Holder in B.E.- EEE (May 2014)	Ms.S.S.Lalitha maheswari AP/EEE, Faculty	Anna University, Chennai
17	University Rank Holder in B.E.- EEE (May 2014)	K.Dheebika	Anna University, Chennai
18	Gold Medal Endowment	<b>Students</b> 2009-10 : 5 2010-11 : 6 2011-12 : 4 2012-13 : 5	KCET, Virudhunagar

LIST OF STAFF MEMBERS WHO PRODUCED 100% RESULT IN  
ANNA UNIVERSITY EXAMS

S.No.	Subject Code	Subject	Subject	Period
1.	EE805	HVDC Transmission	Mr.M.Kandasamy	April/May2012
2.	MG75	Principles of Management	Mrs.S.Sangeetha	Nov/Dec.'13
3.	EE63	High Voltage Engineering	Dr.S.Nagalakshmi	May/June'13
4.	GE606	Ethics in Engineering	Mr.S.Rajeshbabu	May/June'12
5.	EE2253	Control Systems	Mrs.R.Shanthi	May/June'13
6.	EE2151	Circuit Theory	Ms.M.SivaPackiavathi	May/June'13
7.	GE6252	Basic Electrical & Electronics Engineering	Mrs.S.kalpana	May/June'13
8.	PS7101	Advanced Power System Analysis	Ms.L.Jenifer Sindhujah	Jan.'14
9.	PS7102	Power System Operation and Control	Mrs.S.Sangeetha	Jan'14
10.	PX7103	Analysis and Design of Inverter	Ms.M.Eswari	Jan'14

11.	PE9272	Power Electronics for Renewable Energy	Dr.D.Prince Winston	Nov/Dec.13
12.	PS9213	Electrical Transients in Power Systems	Dr.S.Nagalakshmi	Jan'13
13.	PS9211	Power System Analysis	Dr.S.Kalyani	Jan'13
14.	PE9213	Analysis of Inverter	Mrs.S.Anbarasi	Jan'13
15.	PS9223	Flexible AC Transmission Systems	Dr.S.Jeyadevi	June'13
16.	EE2255	Digital Logic circuit	Mrs.S.Kalpna	April/May2014
17.	PS7201	Power System Dynamics	Mrs.B.Noorul Hamitha	April/May2014
18.	PS7202	Flexible AC Transmission Systems	Dr.S.Jeyadevi	April/May2014
19.	PS7203	Advnced Power System Protection	Mrs.S.Sangeetha	April/May2014
20.	PS7204	Restructured Power System	Mrs.K.Muthulakshmi	April/May2014
21.	PS7003	Distributed Generation and Micro Grid	Dr.S.Nagalakshmi	April/May2014
22.	PX7204	Power Quality	Dr. D. Prince Winston	April/May2014

24. List of eminent academicians and scientists / visitors to the department

S.No.	Name	Designation	Organization
1.	Dr.P.Suresh Chander Paul	IEEE Madras Section Chair	IEEE
2.	DrN.Ammasai Gounden	Professor	NIT, Trichy
3.	Dr.M.Saravanan	Professor	Thiagarajar College of Engineering, Madurai.
4.	Dr.S.Duraiaraj	Professor/Principal	Kings College of Engineering and Technlology, Pudukkottai.
5.	Dr. C. K. Babulal	Assistant Professor	Thiagarajar college of Engineering, Madurai.
6.	Dr.V.Saravanan	Associate professor	Thiagarajar college of Engineering, Madurai.
7.	Dr.P.Venkatesan	Managing Director	Smart Robotics Pvt Ltd., Bangalore.
8.	Dr.V.Praksah	Associate Professor	Thiagarajar college of Engineering, Madurai.
9.	Dr.V.Shanmugalatha	Professor	Velammal College of Engg. & Technology, Madurai.
10.	Er.John Swamidoss	Scientist 'C' Grade	IGCAR, Chennai.
11.	Mr.M.Siva kumar	Senior Engineer	Hindustan aeronautical limited, Bangalore.

12.	Dr. M.P. Selvan	Assistant Professor	NIT, Trichy.
13.	Dr.S. Muralidharan	Professor	Mepco Schlenk Engineering College, Sivakasi.
14.	Prof. Chin Chang	Professor	Taipei University, Taiwan.
15.	Er. Prem Kumar	Executive Engineer	TNEB, Rajapalayam.
16.	Er. A.K. Thangapandian	Chief Engineer(Rtd)	TNEB, Madurai.
17.	Er. Panneer Selvam	Chief Engineer(Rtd)	TNEB, Madurai.
18.	Dr.B.V.Manikandan	Professor	Mepco schlenk Engineering college, Sivakasi
19.	Dr.A.Abudhahir	Professor	National Engineering college Kovilpatti
20.	Dr.G.Saravana Ilango	Assistant professor	National institute of Technology,Trichy
21.	Er.S.Kannan sreenivas	CEO	KST Wind engineering Private limited Palladam
22.	Er.Shanthakumar	CEO	Controls india private limited Madurai.
23.	Dr.N.Kamaraj	Professor&Head	Thiagarajar College of Engineering, Madurai.
24.	Dr.D.Devaraj	Professor	Kalasalingam university,Krishnankovil
25.	Dr.N.Karpagam	Professor	Velammal Engineering college , Madurai
26.	Er.Sumathy	Assistant Engineer	TNEB, Madurai
27.	Er.Vennilla	Assistant Engineer	TNEB, Madurai
28.	Dr.Sishraj P.simon	Assistant professor	National institute of Technology,Trichy
29.	Dr.S.T.Jeyachrista	Associate professor	Mepco schlenk Engineering college,Sivakasi
30.	Dr.N.Rathinaprabha	Associate professor	Mepco schlenk Engineering college,Sivakasi
31.	Dr.P.S.Kannan	Professor	Thiagarajar College of Engineering
32.	Dr.M.Saravanan	Professor	Thiagarajar College of Engineering
33.	Dr.S.Baskar	Professor	Thiagarajar College of Engineering
34.	Dr.S.Edward rajan	Professor	Mepco schlenk Engineering college,Sivakasi.

25. Seminars/ Conferences/Workshops organized & the source of funding

Particulars	National	International	Source of Funds
Seven Day FDP on "Transmission & Distribution" during May 2012	1	-	Centre for Faculty Development, Anna University, Chennai

National Conference on Advanced Technologies in Electrical Engineering, ATEE'13	1	-	Council of Scientific and Industrial Research, New Delhi
Seven Day FDP on "Electro Magnetic Theory" during June 2014	1	-	Centre for Faculty Development, Anna University, Chennai

26. Student profile programme /course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass Percentage
	Management	DOTE		*M	*F	
2008-2009	26	39	55	37	28	75.38
2009-2010	26	39	65	31	34	87.69
2010-2011	26	42	68	43	25	-
2011-2012	21	45	66	44	22	-
2012-2013	45	93	138	86	52	
2013-2014	19	90	109	53	56	-

\*M = Male \*F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG(EEE)	100%	-	-
PG(PSE)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? (List out the details)

Academic Year	Competitive Exam	No. of students qualified
2010-11	GATE	4

29. Student progression

Student progression	Against % enrolled					
	2005-09	2006-10	2007-11	2008-12	2009-13	2010-14
UG to PG	15	12	16	9	5	3
PG to M.Phil.	-	-	-	-	-	-

PG to Ph.D.	-	-	1	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-	-	-

#### Placement

Description	2008-09	2009-10	2010-11	2011-12	2012-2013	2013-14
Class Strength	55	65	60	65	65	66
Eligible	46	59	54	49	50	50
Placed	5	6	5	12	22	9

#### Entrepreneurship/Self-employment

- Mr. P.S.P.A.Sugumar (2005-2009 Batch)
- Mr. A.Sudarshan (2010-2014 Batch)

#### 30. Details of Infrastructural facilities

##### a) Department Library

- Library contains more than 500 Standard engineering books to provide reference to the students and also a reading hall where students and staff can utilize the 14 International journals, 19 National journals, Many Project CDs', Project Reports, and University Question Bank effectively.

##### b) Internet facilities for Staff & Students

21 Mbps speed Leased Line Internet facility for both staff and students  
Staff cabin has exclusive internet facilities hub points

##### c) Class rooms with ICT facility

- Internet access facility is available in all the classrooms & staff cabins
- Wi-Fi facility is available near by the electrical machines laboratory and electronics laboratory

##### d) Laboratories

###### ▪ Electrical machines laboratory

- All types of AC & DC Motors and Generators with loading arrangements
- Single phase and 3-phase transformers
- Instrumentation transformers
- Rectifier unit

###### ▪ Power electronics laboratory

- All types of Inverters, Choppers and Phase-controlled Rectifiers

- **Power simulation laboratory**
  - 36 Computer Systems with : INTEL CORE i3 3.20 GHZ, 2 GB DD3 RAM 500 GB SATA HDD
  - MATLAB
  - PSCAD-5 Users
  - ETAP- 5 Users
  - PowerWorld Simulator- n Users
  - CYME – 5 Users
- **Electronic devices & Circuits laboratory**
  - Characteristics kit for Semi-conductor devices, AFO's and CRO's
- **Microprocessor and Microcontroller laboratory**
  - Microprocessor 8085 & 8086 kits and Microcontroller 8051C kits with interface boards
- **Measurements and Instrumentation laboratory**
  - Phase shifting transformer
  - Pressure transducer
  - Bridges
- **Electric circuits laboratory**
  - Single and Dual RPS with DRB, DCB and DIB
- **Control systems laboratory**
  - PID Controller, Synchros, Position Controller and Servo-motor controller
- **Linear integrated circuits laboratory**
  - Analog and Digital IC Trainer kits & IC Tester
  -
- **Research laboratory**
  - 25 Computer Systems of Intel Dual Core 2.0 GHz, 1 GB RAM, 250 GB HDD Software- MATLAB and Power World Simulator

31. Number of students receiving financial assistance from college, University, Government or other agencies

Scholarship / Name of the category	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
Institutional (based on merit)	-	1	-	1	1	-
College Unjah Fund	3	2	1	-	-	-
State Government (over all college students)	369	449	344	358	376	-

32. Details on student enrichment programmes (special lectures/workshops/seminar) with external experts

Name of the Programme	2009-10	2010-11	2011-12	2012-13	2013-14
Special Lecture	7	2	6	5	4
Workshops	-	1	-	1	2
Symposium	-	-	1	-	1

33. Teaching methods adopted to improve student learning

- ICT enabled teaching is provided to all the students.
- One or two Hours is planned to teach contents beyond syllabus for both theory & practical courses.
- Seminars on topics of the respective subject is given to the Interested students
- Students are given opportunity to organize technical departmental events such as EVATAR, etc., under EEE association and ISTE.
- To enable them with the skill set to take up the interview, placement Coaching Classes are conducted
- Students are trained with various soft-skills development programmes.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

Open house Exhibition for school students conducted in the year 2009-10 and 2010-11 to create an awareness about the recent trends in Electrical Engineering.

35. SWOC analysis of the department and Future plans

**Strength :**

- Consistent Academic Performance.
- Qualified, well-experienced and dedicated faculty members.
- 4 faculty members are doctorates.
- Excellent Infrastructure
- Good in contact with faculty members of other institutions
- Consistently producing university rank holders

- Excellent computing facilities with latest software like CYME ,power world, ETAP, PSCAD
- Promotes research and development activities

**Weakness:**

- Tie-up's with core engineering industries
- Promoting entrepreneurs
- Consultancy works
- Funded projects

**Opportunities:**

- Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop
- Students have the opportunity to get placed in MNCs
- Students have the opportunity to work in inter-disciplinary projects
- Students have the opportunity to publish papers in Conferences on their Project work along with the faculty members
- Students have the opportunities to pursue higher studies in reputed institutions through the competitive exams with the GATE coaching classes conducted in the department

**Challenges:**

- Making the students from rural areas employable by improving their communication skills
- Keeping the pace with the new trends and technologies worldwide.
- Delivering the students with potential excellence and competency for the industrial requirements

**Future Plan:**

- To motivate students to improve their academic performance to achieve more university ranks & to get more placements in core companies.
- To augment the skill set of students to meet out the industrial requirements
- To get projects from the national funding agencies like DST, AICTE, ISRO, DRDO, CSIR and TNSCST, etc.
- To get into more PG programmes
- To make the students eligible to pursue their higher studies at IITs, NITs, IIMs and reputed foreign universities

## Department of Electronics and Instrumentation Engineering

1. Name of the department: **Electronics and Instrumentation Engineering**
2. Year of Establishment: **1998**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

PROGRAMME OF STUDY	DESCRIPTION
UG in <b>Electronics and Instrumentation Engineering</b>	Started with <b>60</b> seats in <b>15<sup>th</sup> July 1998</b>

4. Names of Interdisciplinary courses and the departments / units involved

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Transforms & Partial Differential Equations	Maths	Theory
2.	Numerical Methods	Maths	Theory
3.	Applied Thermodynamics and Fluid Dynamics	Mechanical Engineering	Theory
4.	Communication Skills Laboratory	English	Practical
5.	Object Oriented Programming	Information Technology	Theory
6.	Object Oriented Programming Lab	Information Technology	Practical

5. Annual/ semester/choice based credit system (programme wise)  
UG – Semester /choice based credit system
6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Process Control & Instrumentation	Polymer Technology	Theory
2.	Digital Principles and System Design	Information Technology	Theory
3.	Digital Laboratory	Information Technology	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-

- Collaboration with National Instruments, Bangalore. Through this MoU many activities like training programmes, workshops are conducted for the students and staff members.

8. Details of courses/programmes discontinued (if any) with reasons – Nil

9. Number of teaching posts

	Sanctioned	Filled
	UG	UG
Professors	1	1
Associate Professors	2	-
Asst. Professors	12	14

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. Etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	Years of Experience
1.	Dr.P.Kalyana sundaram	M.S., Ph.D.,	Professor	Metallurgy Engg., Faculty of ECE	Teaching: 1 year Industry : 37 years
2.	G.Dhanabalan	M.E., (Ph.D.)	Assistant professor	VLSI design	Teaching: 8 years 8 months Industry : 6 years
3.	A.Rajavel	M.E., (Ph.D.)	Assistant professor	Embedded system	Teaching: 8 years 2 months
4.	M.Vigneswari	M.E., (Ph.D.)	Assistant professor	Power Electronics & Drives	Teaching: 9 years
5.	M.Sudalaimani	M.E., (Ph.D.)	Assistant professor	Control & Instrumentation Engineering	Teaching: 4 years 7 months Industry : 2 years 8 months
6.	J.Uma Maheswari	M.E., (Ph.D.)	Assistant professor	Power Electronics & Drives	Teaching: 8 years 10 months
7.	M.Durai shanmugapriyan	M.E.,	Assistant professor	Power Electronics & Drives	Teaching: 6 years 3 months
8.	L.V.Revathi	M.E.,	Assistant professor	Control & Instrumentation Engineering	Teaching: 6 years 4 months
9.	J.Shanthi	M.E.,	Assistant professor	Embedded system	Teaching: 8 years 6 months
10.	M.Rajagomathi	M.E., (Ph.D.)	Assistant professor	Embedded system	Teaching: 7 years 8 months

11.	V.Chandra	M.E.,	Assistant professor	Applied Electronics	Teaching: 7 years 6 months
12.	B.Parameswaran	M.E.,	Assistant professor	Power Electronics & Drives	Teaching: 6 years 3 months
13.	M.Rajalakshmi	M.Tech., (Ph.D.)	Assistant professor	Control & Instrumentation Engineering	Teaching: 2 year 4 months
14.	R.Santhiya	M.E.,	Assistant professor	Power Electronics & Drives	Teaching: 2 years 2 months
15.	S.Kavitha	M.E.,	Assistant professor	Power Electronics & Drives	Teaching: 1 year 5 months

11. List of senior visiting faculty - Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - Nil

13. Student –Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
UG	11:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	3	3
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D	P.G
1	14

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- Nil

17. Departmental projects funded by DST – FIST; UGC, DBT, ICSSR, etc. and total grants received

Sl.No.	Name of the students	Academic year	Project funded by	Amount Rs.
1	S.Muthupandi G.Kasi Navaneethan R.Premkumar	2013 - 2014	TNSCST	7500.00

18. Research Centre /facility recognized by the University –Not yet

19. Publications: (List out the Number of Publications National / International)  
Refer Criterion III : Annexure – II

20. Areas of consultancy and income generated:

Sl. No.	Name of the company	Income Generated
1	Paprika Oleo's India Pvt Ltd., Virudhunagar	Rs.3800/-

21. Faculty as members in

- a) National committees b) International Committees c) Editorial Boards....

Sl. No.	STAFF NAME	MEMBERSHIP
1.	Dr.P.Kalyanasundaram	1. Trustee and Finance Committee Member, Quality through Non-destructive Evaluation Science and Technology Foundation (Present). 2. Past President, Acoustic Emission Working Group (India). 3. Fellow, Institution of Engineers. 4. Fellow, Indian Society for Non-Destructive Testing. 5. Fellow, Ultrasonic society of India. 6. Fellow, Indian Nuclear Society.
2.	G.Dhanabalan	ISTE
3.	A.Rajavel	ISTE
4.	M.Vigneswari	ISTE
5.	M.Sudalaimani	ISTE
6.	J.Uma Maheswari	ISTE
7.	M.Duraishanmuga priyan	ISTE

8.	L.V.Revathi	ISTE
9.	J.Shanthi	ISTE
10.	M.Rajagomathi	ISTE
11.	V.Chandra	ISTE
12.	B.Parameswaran	ISTE
13.	M.Rajalakshmi	ISTE
14.	R.Santhiya	ISTE

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme - 100%
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies – Nil

23. Awards / Recognitions received by faculty and students

Sl. No.	Faculty name	Title
1.	Dr.P.Kalyanasundaram	<ul style="list-style-type: none"> <li>• 270 in both National and International Journals</li> <li>• Patents-Eight</li> <li>• Books on Practical DSP in NDT and Practical in Acoustic Emission</li> <li>• Standard on Glossary of Terms in DSP by BIS</li> <li>• NDT Man of the Year Award-1994</li> <li>• Kalpakkam Science and Technology Award</li> <li>• Sir CV Raman Award (Two occasions for best research papers)</li> <li>• Gold Medal, AEWG(I)</li> </ul>

University rank holder:

Sl. No.	Student name	Year	University rank holder
1	D.S.R.Meenakshi	2007 - 2011	1 <sup>st</sup> rank
2	S.Preethy	2007 - 2011	3 <sup>rd</sup> rank
3	A.G.Sahana Priyadharshini	2007 - 2011	9 <sup>th</sup> rank
4	J.Rosy patricia	2008 - 2012	1 <sup>st</sup> rank
5	M.Poorini valli	2008 - 2012	2 <sup>nd</sup> rank
6	M.Sundraeswari	2008 - 2012	8 <sup>th</sup> rank
7	I.Hemalatha	2009 - 2013	1 <sup>st</sup> rank
8	S.Ramya	2009 - 2013	4 <sup>th</sup> rank
9	K.Jayasree	2009 - 2013	8 <sup>th</sup> rank

CLAD exam achievers

Sl. No.	Faculty/Student name	Year/Batch
1	G.Dhanabalan, HOD/EIE	2013 - 2014
2	N.J.Rajesh – IV EIE	2010 - 2014
3	G. Kasi Navaneethan – IV EIE	2010 - 2014

Extracurricular Activities

Year	Name of the Student	Activity	Level (University / State / Zonal / National / International)	Award
2009-2010	M.Sumitha	Anna university zonal athletic meet 2009-10- Triple jump-7.75 mts	Zonal level	First
	R.Karpagam	Anna university zonal athletic meet 2009-10- Badminton	Zonal level	First
	C.B.Indrajith	Anna university zonal Tournament 2009-10-Ball badminton	Zonal level	Third
	R.Subha	Anna university zonal Tournament 2009-10-Volley ball	Zonal level	First
	V.M.Vinoth kumar	Anna university zonal Tournament 2009-10-Chess	Zonal level	First
	S.Saranya	Anna university zonal Tournament 2009-10- Volley ball	Zonal level	First
	M.Sumitha	Anna university zonal athletic meet 2009-10-100 mts hurdles	Zonal level	Second
	M.Sumitha	Anna university zonal athletic meet 2009-10-100 mts -16.53 secs	Zonal level	Third
	M.Sumitha	Anna university zonal athletic meet 2009-10-long jump	Zonal level	Third
	M.Sumitha	Anna university zonal athletic meet 2009-10- Triple jump	Zonal level	First
2010-2011	K.Chandrasekaran	Anna university tirunelveli sports board-Weight lifting	Zonal level	First
	T.Kalaiyaran	Anna university tirunelveli sports board-Table tennis	Zonal level	Third

2011-2012	P.Harisankar	Anna university Tirunelveli sports board-tennis Zonal level	Zonal level	Third
	P.Vigneswaran	Anna university Tirunelveli sports board-4*100 mts relay/women	Zonal level	Third
	K.Chandrasekaran	Weight lifing(56 kg)	Zonal level	Second
	K.Chandrasekaran	Power lifting(53)	Zonal level	Third
	P.Kathirvel murugan	Weight lifing(77 kg)	Zonal level	Third
	B.Pandia rajan	Weight lifing(69 kg)	Zonal level	Third
	K.Mahalakmi	Anna university Tirunelveli- Athletic meet-4*100 mts relay	Zonal level	Third
2012-2013	P.Harisankar	Anna university zonal tournaments 2012-2013- Tennis	Zonal level	Winner
	P.Vigneswaran	Anna university zonal tournaments 2012-2013- Hand ball	Zonal level	Second
2013-2014	S.Navin Shankar	Anna university zonal tournaments 2013-14 – Table tennis	Zonal level	Second
	M.Syed Inzamam-u-deen	Anna university zonal tournaments 2013-14 – Table tennis	Zonal level	Second
	M.Kasi Visvanathan	Anna university zonal tournaments 2013-14 - Hockey	Zonal level	Third
	L.Monika	Anna university zonal tournaments 2013- Ball badminton	Zonal level	Third
	S.Nathinidevi	Anna university zonal tournaments 2013- Ball badminton	Zonal level	Third
	J.Vinothini	Anna university zonal tournaments 2013- Volley ball	Zonal level	Second
	M.R.Tarani	Yoga	District level	Third

#### Co-curricular Activities

2013-2014	6	Paper, project presentation, Conference, Workshop, Robo race	State level	First – 3, Second-2, Third-1
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24. List of eminent academicians and scientists / visitors to the department

Sl. No.	VISITORS NAME	COLLEGE/INDUSTRY
1.	Dr.k.K.Rajan	Director & Outstanding Scientist, FRTG, IGCAR.
2.	Dr. B.Venkatraman	Outstanding Scientist and Associate Director, RSEG, IGCAR.
3.	Smt.M.Menaka	Scientific Officer E, QAD, IGCAR.
4.	Shri.S.Viswanathan	Scientific Officer D, RSD, IGCAR.
5.	Ms. D.N.Sangeetha	Technical Officer C, RSD, IGCAR.
6.	Dr.A.Abudhahir,	Professor/EIE, National Engineering college, Kovilpatti.
7.	Thiru.K.Venkat Raman,	Deputy General Manager, BSNL, Virudhunagar.
8.	Mr.Ashok,	Yokogawa Pvt. Ltd, Bangalore.
9.	Mr.M.Shanmugam,	Sub Divisional Engineer (Broadband), BSNL, Virudhunagar.
10.	Mr. Azad,	Assistant Manager, Yokogawa India Ltd., Bangalore
11.	Mr.Anish Pandari,	MASSCOM Specialist, National Instruments, Bangalore
12.	Mr.J.Visweswaran,	Academic Technical Consultant, National Instruments, Bangalore.
13.	Mr.A.R.Rishi Kumar,	Deputy Manager, Entech consultancy bureau(madras) Pvt. Ltd., Chennai.
14.	Mr.S.Senthil,	Assistant Manager, Customer Service Division, Yokogawa India Pvt. Ltd., Chennai
15.	Mr.Manohar,	Yokogawa India Pvt. Ltd., Chennai
16.	Mr Solaikutty Dhanabal,	Academic Program Manager , National Instruments, Bangalore
17.	D.Selva Kumar Antony,	Scientist, NIC,Namakkal.
18.	Dr.M.Willjuice Iruthayarajan,	HOD/EEE, National Engg College, Kovil patti

25. Seminars/ Conferences/Workshops organized & the source of funding

S.No.	Particulars	National	International	Source of Fund
01	Seminars	1	-	KCET
02	Conferences	2 1 1	-	KCET KCET & NI AICTE
03	Workshops	8	-	KCET

04	FDP	3	-	KCET
05	Training programme	8	-	KCET
06	Technical symposium	2	-	KCET

26. Student profile programme / course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass Percentage
	Management	Govt.		*M	*F	
B.E.(EIE) 2009-2010	25	39	64	42	22	75.0
B.E.(EIE) 2010-2011	27	45	72	47	25	73.61
B.E.(EIE) 2011-2012	20	39	59	33	26	-
B.E.(EIE) 2012-2013	23	37	60	22	38	-
B.E.(EIE) 2013-2014	11	36	47	21	26	-

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG(EIE)	100%	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? (List out the details) NIL

29. Student progression

Student progression	Against % enrolled				
	2006-10	2007-11	2008-12	2009-13	2010-14
UG to PG	11	8	3	4	-
PG to M.Phil.	-				
PG to Ph.D.	-				
Ph.D. to Post-Doctoral	-				

<b>Employed</b>	2006-10	2007-11	2008-12	2009-13	2010-14
• Campus selection	5	22	14	14	8
• Other than campus recruitment	12	8	2	1	2
Entrepreneurship/Self-employment	NIL				

### 30. Details of Infrastructural facilities

#### a) Department Library

- Library contains more than 150 engineering books to enrich the knowledge of students.
- The department Library has a reading hall where students and staff can utilize the books, many Project CDs', Project Reports, and University Question Bank effectively.

#### b) Internet facilities for Staff & Students

Internet facility is available in all the systems available in lab. Students can use the Internet facility during break time, mini project hour. For staff members Internet facility is provided in the staff cabin & staff PC room. 21 bps speed Leased Line Internet facility for both staff members and students.

#### c) Class rooms with ICT facility

Internet access facility is available in all the classrooms.

Wi-Fi facility is available in & around the block.

#### d) Laboratories

### **EIE LAB-I**

#### **Electronics lab:**

Equipped with Linear & Digital IC Trainer kits - 30 nos., CRO, 100 MHz Digital Storage Oscilloscope, Audio frequency oscillators and various components for designing electronic circuits.

#### **Transducer lab:**

Equipped with various sensors, calibrating & measuring devices and various other components.

#### **Industrial Instrumentation lab:**

Equipped with Viscometer, RTD & Thermocouple Calibrator, Vacuum Pressure Calibrator and various other components.

#### **Process control lab:**

Equipped with Temperature Process station, Flow process station, Level process station, Pressure Process Station, PLC & DCS, Bottle filling system. All the stations are connected with systems.

## **EIE LAB-II**

### **Virtual Instrumentation lab:**

Lab is equipped with licensed LABVIEW Software for 50 users and hardware's for interfacing with real time environment. ELVIS kits, LABVIEW RIO evaluation kit-5,

Computer System: INTEL CORE i3 3.20 GHZ, 2 GB DD3 RAM 500 GB HDD- 36 Nos.

All the systems in the lab are connected with LAN.

### **VLSI lab:**

To meet the syllabus requirements & also for promoting research activity, this lab is established. XILINX software with 25 license, NEXYS 3-Spartan FPGA board –degilent-2, Virtex 5 Genesys-1, Tyro Spartan 3 FPGA start kit-12, Vi 2148 ARM evaluation board-4.

## **EIE LAB-III**

### **Microprocessors & Microcontrollers lab:**

Equipped with microprocessor & microcontroller kits, various interfacing boards like ADC, DAC, Traffic light controller, USART, Timer/counter, PPI.

Audio frequency oscillators, Digital storage oscilloscopes, Digital trainer kits along with various IC's are available.

Computer System: INTEL CORE 2, 2.00 GHZ, 1 GB RAM, 150 GB HDD- 10 Nos.

All the systems in the lab are connected with LAN.

31. Number of students receiving financial assistance from college, university, government or other agencies

<b>Scholarship / Name of the category</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>
General (EIE)	-	-	-	-	-
College Unjha Fund (EIE)	4	4	1	1	1
State Government (over all college students)	449	344	358	747	774

32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

<b>Name of the Programme</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>2012-2013</b>	<b>2013-2014</b>
Special Lecture	6	5	5	4	2
Workshops	2	1	1	2	1
Seminar	1	-	-	-	-

33. Teaching methods adopted to improve student learning
- Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
  - Interested students are given classroom seminars on technical topics.
  - Students are given the opportunity of organizing technical departmental events such as technical quiz, conference etc., also events organized under ISTE.
  - To eliminate fear on Interview Process, mock interviews are conducted.
  - Students are trained through various soft-skills programmes.
  - ICT enabled teaching is given to all the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

**Open house**

35. SWOC analysis of the department and Future plans

**Strengths**

- Dedicated and supportive staff members
- Staff members are pursuing Ph.D in different areas of specialization.
- Tie up with the different core industries for updating ourselves in recent trends.
- Well equipped laboratories are available for the students to do their projects
- Improving soft skills/communication skills of the students.
- Faculty members acts as resource persons in various engineering areas like Embedded systems, VLSI design, Digital logic circuits, Electronic devices & circuits & Modern Electronic Instruments.

**Weakness**

- No P.G. courses in the specified field.
- No research projects.

**Opportunities**

- Training the students to get GATE score, placement opportunities.
- To conduct more number of training courses in the recent field.
- Involving students in symposium, LabVIEW club & various other programmes.
- Motivating the students to participate in inter college & intra college events, inplant training, industrial visit.

**Challenges**

- To set the research lab for our department.
- To establish instrument testing & calibration centre.
- To launch P.G. courses in the specified field.
- To improve the percentage of placement every year.
- 

**Future Plan:**

- Motivate students to improve their performance to achieve more no. of university ranks.
- To get better Industry Institute Interaction.
- To get Research Projects.
- To bring post graduate course.

### Department of Information Technology

1. Name of the department - Information Technology
2. Year of Establishment - 2001
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme of study	Description
UG in Information Technology	Started with <b>60</b> seats on <b>14 November 2001</b>
PG in Biometrics and Security	Starts with <b>18</b> seats from the academic year <b>2014-15</b>

4. Names of Interdisciplinary courses and the departments/units involved -

S.No.	Name of Faculty / Facility	Department / Program	Nature of work
Facility shared			
1.	Digital Principles and System Design	Electronics & Communication Engineering	Theory
2.	Principles of Communication	Electronics & Communication Engineering	Theory
3.	Microprocessor and Microcontroller	Electronics & Communication Engineering	Theory & Practical
4.	Embedded Systems	Electronics & Communication Engineering	Theory
5.	Digital Signal Processing	Electronics & Communication Engineering	Theory
6.	Probability and Queuing Theory	Mathematics	Theory
7.	Transforms and Partial Differential Equation	Mathematics	Theory
8.	Communication Skills	English	Practical
9.	Applied Probability and Statistics	Mathematics	Theory

5. Annual/ semester/choice based credit system (programme wise)  
 UG - Semester based credit system  
 PG - Semester based credit system

6. Participation of the department in the courses offered by other departments  
– Electrical and Instrumentation Engineering, Polymer Technology First Year.

S.No.	Name of Faculty / Facility	Department / Program	Nature of work
Facility shared			
1.	Fundamentals of Computing	First Year	Theory & Practical
2.	Data Structures	Electrical and Instrumentation Engineering	Theory & Practical
3.	Object Oriented Programming	Electrical and Instrumentation Engineering	Theory & Practical
4.	Computer Practice	Polymer Technology	Theory & Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.
- MOU with National Aerospace Laboratories- Bangalore for student's project internship.
  - Campus connect Programme in Collaboration with Infosys.
  - MOU with IBM for Three Specialty Labs viz., Cyber Security, Cloud Computing and Mobility.

8. Details of courses/programmes discontinued (if any) with reasons -Nil

9. Number of Teaching posts  
UG:

	Sanctioned	Filled
Professors	1	-
Associate Professors	3	-
Asst. Professors	8	12

PG:

	Sanctioned	Filled
Professors	1	-
Associate Professors	-	1
Asst. Professors	2	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D./M.Phil.etc.)  
UG:

Name	Qualification	Designation	Specialization	No. of Years of Experience
N.Senthil Madasamy	M.E. (Ph.D)	Assistant Professor	CSE	16 Years 8 Months
E.Vakaimalar	M.E. (Ph.D)	Assistant Professor	CSE	15 years 11 months
S.Radha Krishnan	M.TECH. (Ph.D.)	Assistant Professor	IT	10 Years 7 Months
C.Anitha	M.E.	Assistant Professor	CSE	12 years
R.Arthy	M.E. (Ph.D)	Assistant Professor	CSE	8 Years 2 Months
M.Chengathir Selvi	MCA, M.E. (Ph.D)	Assistant Professor	CSE	10 Years 11 Months
P.Antony seba	M.E.	Assistant Professor	CSE	11 years
D.Kayathri Devi	M.E. (Ph.D)	Assistant Professor	CSE	9 years
B.Selvakumar	M.E.	Assistant Professor	CSE	7 Years 7 Months
T.Akilandeswari	M.E.	Assistant Professor	CSE	7Years
G.Jameena	M.E.	Assistant Professor	CSE	7 Years 10 Months
D. Vendhan	M.Tech.	Assistant Professor	CSE & IT	6 Years

PG:

Name	Qualification	Designation	Specialization	No. of Years of Experience
R.Alageswaran	M.E., MBA Ph.D.	Associate Professor	CSE	19 Years 2 Months
M.Arumugalakshmi	M.E.	Assistant Professor	CSE	1 month
T.D.Rajeevi	M.Tech.	Assistant Professor	IT	1 month

11. List of senior visiting faculty : Nil
12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
UG	15:1
PG	6:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled -

Number of Academic support Staff	3
Number of Administrative Staff	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Refer Qn. No. 10

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: Nil

18. Research Centre /facility recognized by the University – Not Yet

19. Publications: Refer Criterion III

20. Areas of consultancy and income generated

-

S.No.	Name of the Industry	Details of consultancy
1.	Vinita Salon and Day Spa, Madurai	<ul style="list-style-type: none"> <li>Client identification using image processing is carried out by Ms.M.Chengathir Selvi, AP/IT</li> <li>Mr. B. Selvakumar, AP/IT is involved in the Billing solution software development</li> </ul>
2.	Pandian Systems and Solutions (PASS) Pvt. Ltd., Madurai	<ul style="list-style-type: none"> <li>Getting modules from PASS in the areas of DBMS, JAVA programming, Computer networks etc.,</li> <li>Faculty members are providing the solutions for the modules received</li> </ul>
3.	Rashmita Agencies Dealer : Vadivel Fireworks	<ul style="list-style-type: none"> <li>Website with dynamic pages is developed</li> <li>Ms. P. Antony Seba is involved in the website development</li> </ul>
4.	Global Poly Bags Pvt. Ltd.	<ul style="list-style-type: none"> <li>Software for Inventory Management</li> <li>Ms.M.Chengathiselvi is involved in the software development</li> </ul>

21. Faculty as members in

a) National committees   b) International Committees   c) Editorial Boards....

S.No.	STAFF NAME	MEMBERSHIP
1.	R.Alageswaran	ISTE, CSI
2.	N.Senthil Madasamy	ISTE
3.	E.Vakaimalar	ISTE
4.	S.Radha Krishnan	ISTE
5.	C.Anitha	ISTE
6.	R.Arthy	ISTE
7.	M.Chengathir Selvi	ISTE
8.	P.Antony seba	ISTE
9.	D.Kayathri Devi	ISTE
10.	B.Selvakumar	ISTE, CSI
11.	T.Akilandeswari	ISTE
12.	G.Jameena	ISTE

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme - 90 Percentages

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

S. No.	Academic Year	Percentage
1	2010-2014	13.4
2	2009-2013	-
3	2008 – 2012	9.2
4	2007 - 2011	6.0

23. Awards / Recognitions received by faculty and students

- Mr. S.Radha Krishnan and Mrs.T.Akilandeswari received Best Paper Award for the paper “Candidate Tree-in-Bud Pattern Selection and Classification using Ball Scale Encoding Algorithm” in the International Conference Computational Intelligence 2013 held at Sethu Institute of Technology, Kariappatti.
- Mrs. C.Anitha got 20<sup>th</sup> rank in M.E (C.S.E) and won II prize in Inspire Faculty Excellence Competition conducted by Infosys.
- Mrs R.Arthy had been Selected as Silver Partner by Infosys.
- Ms.D.Kayathri Devi had been Selected as Silver Partner by Infosys and won II prize in Distinguished Facilitator Competition.

- Mrs. M.Chengathir Selvi got 10<sup>th</sup> rank in M.E(CSE)
- Mrs. T.Akilandeswari got 43<sup>rd</sup> rank in B.Tech. (IT)
- University ranks by students

S.No.	Batch	Name	University Rank
1	2009-13	SRUTHI.S	15
2		MUTHU MALA.M	17
3		ESWARI.S	23
4		VENNILA.S	27
5	2008-12	N.Angela Vincent	9
6		K.Veera Malliga	48
7	2007-11	M.Aishwarya	9

- 53 prizes won by our students in various technical events conducted by various Engineering colleges
- Four students of 2007-2011 batch have done their projects in NAL, Bangalore
- Three students of 2008-2012 batch have done their projects in NAL, Bangalore.
- Three students of 2008-2012 batch have done their in Solartis Madurai.
- In 2010-14 batch, five students are doing projects in Infosys, Mysore, one student in Solartis, Madurai and eight students in Teckera Solutions Madurai.

24. List of eminent academicians and scientists / visitors to the department

S.No.	VISITORS NAME	DESIGNATION	COLLEGE/INDUSTRY
1.	Mr.Nadar Sakthivel Rajavel	System Engineer	Infosys, Mysore
2.	Mr.R.Adithya Harsha	Associate Web Developer	Lennox India Tech, Chennai
3.	Mr.R.VijayaRaghavan	Software Engineer	Solaritis, Madurai
4.	Mr,C.RanjithKumar	Program Co-ordinator	Star Technologies, Madurai
5.	Mr.M.Suceendran	Senior Manager[HR]	TCS,USA
6.	Mr.M.KrishnaMoorthy	Software Engineer	VERIZON Data Services Pvt. Ltd., Chennai.
7.	Mr.Chandru Kanna	System Engineer	Infosys, Chennai
8.	Mr.SivaRajaMani	Assistant Team Leader	Accenture, Bangalore
9.	Dr.N.Balaji	Professor	TCE, Madurai
10.	Dr.N.P.Gopalan.	Professor	NIT, Trichy
11.	Mr.K.Prakash.	Director of Operations	NEDIYO Soft., Chennai
12.	Dr.Kannan Balasubramanian	Professor	MEPCO, Sivakasi.
13.	Dr. T.Revathi.	Professor	MEPCO, Sivakasi
14.	Mr. R.Vellayutham	Chief Manager	TMB Ltd., Virudhunagar.

15.	Mr.Narendran Rajagopalan	Professor	NIT, Trichy
16.	Dr.K.Muneeswaran	Professor	MEPCO, Sivakasi
17.	Dr.A.Vadivel	Professor	NIT, Trichy
18.	Mr.V.Sri Rama Chandra Moorthy	DGMC Principal	RGMTTC, Chennai
19.	Mr.P.Prasath	System Analyst	RAMCO Systems, Chennai
20.	Dr.G.Gopala Krishna Moorthy	Associate Professor	SRNM College, Sattur
21.	Dr.R.Vembu	Associate Professor	SBK College, Aruppukottai
22.	Dr.G.Chandrasekaran	Director of MCA Department	MEPCO, Sivakasi
23.	Dr.N.Krishnan	CITE	M.S University, Tirunelveli.
24.	Ms.Subalakshmi Vijayarajan	Software Engineer	Honeywell Tech. Soln. Madurai.
25.	Mr.J.Arun Kumar	Program Manager	Sonata Software Ltd., Bangalore
26.	Mr.Yashwanth Rao Tharkeswar.	Software Test Consultant	OYYAR Consulting Services.
27.	Dr.K.Mala	Professor	MEPCO, Sivakasi
28.	Dr.K.Ramar	Professor	NEC, Kovilpatti
29.	Mr.M.J.S.Chella Durai	Senior, SDK	RGMTTC, Chennai
30.	Mr. Harjinder Singh Lalliee	Professor	Warwick Manufacturing Group (WMG), University of Warwick, U.K.
31.	Dr.B.Muthukumaran	General Manager and Head	Institute of Technology, Management and Research (ITMR), Chennai
32.	Mr.Mohammed Sammuideen	Manager	Institute of Technology, Management and Research (ITMR), Chennai

25. Seminars/ Conferences/Workshops organized & the source of funding

a) National - Refer Criterion I

b) International - Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass Percentage
	Management	DOTE		*M	*F	
B.Tech IT 2008-2009	21	39	60	24	26	89
B.Tech IT 2009-2010	20	42	62	28	34	85
B.Tech IT 2010-2011	30	39	69	30	39	86

B.Tech IT 2011-2012	24	42	66	21	45	79
B.Tech IT 2012-2013	18	39	57	12	45	80.6

\*M = Male \*F = Female

## 27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
UG - B.Tech. IT	100	-	-

## 28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil

## 29. Student progression

Student progression	Against % enrolled					
UG to PG (T.A)	2005-2009	2006-2010	2007-2011	2008-2012	2009-2013	2010-2014
	6	7	5	6	5	4
PG to M.Phil.	-					
PG to Ph.D.	-					
Ph.D. to Post-Doctoral	-					
<b>Employed (P.A.S)</b>	2005-2009	2006-2010	2007-2011	2008-2012	2009-2013	2010-2014
• Campus selection	7	4	2	11	2	6
• Other than campus recruitment	31	16	12	3	7	4
Entrepreneurship/Self-employment	-					

## 30. Details of Infrastructural facilities

### a) Library

- Library contains more than 250 engineering books to enrich the knowledge of students.
- The department Library has a reading hall where students and staff can utilize the 5 international journals, 40 Conference Proceedings, 23 Technical Magazines, Project CDs, Project Reports, and University Question Bank effectively.

- b) Internet facilities for Staff & Students  
21 Mbps speed Leased Line Internet facility for both staff and students  
WIFI facility is also available.
- c) Class rooms with ICT facility  
Internet access facility is available in all the classrooms.  
Wi-Fi facility is available in around the block.
- d) Laboratories

#### **IT LAB-I**

##### **Servers**

XEON 3.2 GHZ Processor / 2 GB RAM 560 GB SCSI HDD  
XEON 2.0 GHZ Processor / 2 GB RAM 145 GB SCSI HDD  
P III 1.GHZ Processor / 1 GB RAM 2\*9.1GB SCSI HDD  
P III 1.GHZ Processor / 1 GB RAM 2\*9.1GB SCSI HDD

##### **Nodes**

Intel Core 2 Quad 2.5 GHZ 2 GB DDR Ram 320 GB SATA HDD - 80 Nos  
Core 2 Duo 2 GHZ 1GB MB DDR2 160GB HDD - 32 Nos  
WIPRO PEN-D 2.8 GHZ 512 MB DDR2 RAM 80 GB SATA HDD - 22 Nos

#### **IT LAB-II**

##### **Rack Mount Server**

DELL POWER EDGE XEON® 2.40 GHZ 4 TB HDD - 3 Nos

##### **Nodes**

INTEL CORE i3 3.20 GHZ, 2 GB DD3 RAM 500 GB SATA HDD - 150 Nos

All the systems in the lab are connected with LAN using OFC. Our labs have Color Scanner, one Laser Printer, one Laser printer with scanner, 14 Dot Matrix Printers and two LCD Projectors.

31. Number of students receiving financial assistance from college, university, government or other agencies

<b>Scholarship Name of the Category</b>	<b>2008-2009</b>	<b>2009- 2010</b>	<b>2010- 2011</b>	<b>2011- 2012</b>	<b>2012- 2013</b>	<b>2013- 2014</b>
General (IT)	1	14	-	1	-	-
College Unjha Fund (IT)	5	7	5	2	2	-
State Government (over all college students)	369	449	344	358	376	-

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts

Name of the Programme	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014	2014-15
Special Lecture	-	-	3	2	2	-
Workshops	3	8	7	5	7	-
Seminar	3	3	-	2	1	-

33. Teaching methods adopted to improve student learning

- Separate Hour is allocated to teach the students content beyond syllabus.
- Conducting online technical quiz programs
- Case studies are given.
- Students are trained through various soft-skills programmes.
- Interested students are given classroom seminars on technical topics.
- Students are given the opportunity of organizing technical departmental events such as FACEIT, ICARUS, also events organized under ISTE etc.,
- To eliminate fear on Interview Process, mock interviews are conducted.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities

- Conducted Hardware Training programme for P.S.Chidambara Nadar Senior English school Teachers.
- Conducted Training Programme on Alice for K.V.S.Centenary Secondary School Students.

35. SWOC analysis of the department and Future plans

**Strength:**

- MOU with NAL
- MOU with IBM
- Project Internship for students at NAL, Infosys, Solartis and Teckera Solutions
- Qualified faculty members.
- Excellent Infrastructure facilities

**Weakness:**

- Department-level entrepreneurship development initiatives
- Need to get consultancy

**Opportunities:**

- Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop
- Students will be placed in MNCs and IT sector
- Students will have the opportunity to work in inter disciplinary departments.

**Challenges :**

- Unlearning software and hardware tools which are becoming obsolete and coping with learning new software and tools to cope-up with technological developments

**Future Plan:**

- Motivate students to improve their performance to achieve more university ranks
- Augment Post graduate Programmes
- Research Projects

## Department of Mechanical Engineering

1. Name of the department - Mechanical Engineering
2. Year of Establishment - 2005
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Sl. No.	Programme of study	Description
1.	UG in Mechanical Engineering	Started with <b>30</b> seats on <b>9<sup>th</sup> June 2005</b>
		Started with <b>60</b> seats on <b>11<sup>th</sup> July 2009</b>
		Started with <b>120</b> seats on <b>19<sup>th</sup> March 2012</b>
2.	PG in Manufacturing Engineering	Started with 18 seats on <b>10<sup>th</sup> May 2012</b>

4. Names of Interdisciplinary courses and the departments/units involved -
  - Mathematics
  - Chemistry
  - Physics
  - English
  - Electrical and Electronics Engineering
  - Computer Science and Engineering
5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester /choice based credit system
6. Participation of the department in the courses offered by other departments

S.No.	NAME OF FACULTY / FACILITY	DEPARTMENT / PROGRAM	NATURE OF WORK
1.	Maths – I, Maths – II Transforms and PDE Statistics and Numerical Methods	Maths	Theory
2.	Chemistry – I, Chemistry – II	Chemistry	Theory & Practical
3.	Physics – I, Physics - II	Physics	Theory & Practical
4.	Technical English – I Technical English – II Communication Engineering Laboratory	English	Theory Theory Practical
5.	Computer Programming	Department of Computer Science and Engineering	Theory Practical
6.	Electrical Engineering Laboratory	Department of Electrical and Electronics Engineering	Practical

7.	Engineering Graphics	Department of I year B.E/ B. Tech.	Theory
8.	Engineering Practices Laboratory	Department of I year B.E/ B. Tech.	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc. - Nil

8. Details of courses/programmes discontinued (if any) with reasons - Nil

9. Number of Teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	2	1	2	1
Associate Professors	5	2	3	-
Asst. Professors	13	-	10	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. Etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 Years
PG Faculties						
1.	Dr. P. Manimaran	M.E., Ph.D.	Professor & Head	Industrial Engineering	24 years 9 months	-
2.	Mr. S. Thanga Kasi Rajan	M.E., Ph.D.	Assistant Professor	Manufacturing Engineering	12 years	-
3.	Mr. R. Sakthivel Murugan	M.E.,	Assistant Professor	CAD/CAM	3 year 1 months	-
UG Faculties						
1.	Dr.K.Sarukesi	M.Sc. (Engg.), Ph.D.	Professor	Technological Information System	44 Years	-
2.	Dr.A.Asha	M.E., Ph.D.	Professor	Industrial Engineering	21 years 1 months	4
3.	Dr.K.Kannan	M.E.	Associate Professor	Industrial Engineering	17 years 9 months	-
4.	Dr.S.Senthil	M.E., Ph.D.	Associate Professor	Industrial Engineering	16 years	-

5.	Mr.K.R.Srinivasan	M.E.	Associate Professor	Production Engineering	38 years 7 months	-
6.	Mr.P.Ganesan	M.E., Ph.D.	Assistant Professor	Industrial Safety Engg.	30 years 10 months	-
7.	Mrs.N.Premalatha	M.E., Ph.D.	Assistant Professor	Thermal Engineering	12 years 9 months	-
8.	Mr.D.Palani kumar	M.E., Ph.D.	Assistant Professor	CAD/CAM	10 years 1 months	-
9.	Dr.S.S.Saravana kumar	M.E., Ph.D.	Assistant Professor	Manufacturing Engineering	10 years 1 months	-
10.	Mr.R.Siddharthan	M.E.,	Assistant Professor	Product Design and Commerce	6 years	-
11.	Mr.N.R.Madhan	M.E., Ph.D.	Assistant Professor	CAD/CAM	4 years 7 months	-
12.	Mr.P.Narayanasamy	M.E., Ph.D.	Assistant Professor	Manufacturing Engineering	3 Year 6 months	-
13.	Ms.S.Ramya	M.E.	Assistant Professor	Manufacturing Engineering	5 months	-
14.	Mr.K.Kandakodeeswaran	M.E.	Assistant Professor	CIM	5 months	-
15.	Mr.B.Balavairavan	M.E.	Assistant Professor	Engineering Design	5 years 1 months	-

11. List of senior visiting faculty : Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty : Nil

13. Student -Teacher Ratio (programme wise) -

Programme	Student-Teacher Ratio
UG	16:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled -

	Sanctioned	Filled
Number of Technical Staff	4	7
Number of Administrative Staff	2	1

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Ph. D.	P.G.
6	12

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : Nil

1.	2013 -14	Mr. S.Senthil, Associate Professor, Department of Mechanical Engineering	Received a Fund of Rs. 7,500/- from Tamilnadu State Council for Science and Technology under student project scheme
2.	2012 – 13	Dr. P. Manimaran , Professor Department of Mechanical Engineering	Received a Fund of Rs. 10,000/- from <b>Tamilnadu State Council for Science and Technology</b> under student project scheme
3.	2012 – 13	Mr. R. Manikumar, Assistant Professor, Department of Mechanical Engineering	Received a Fund of Rs. 10,000/- from <b>Tamilnadu State Council for Science and Technology</b> under student project scheme
4.	2012 – 13	Mr. S. Senthil Associate Professor, Department of Mechanical Engineering	Received a Fund of Rs.5,000/- from MOTORALA <b>FAER – MOTOROLA Scholarship Program</b>
5.	2010 – 11	Prof. S.K.L. Raju, Professor, Department of Mechanical Engineering	Received a Fund of Rs. 6,000/- from <b>Tamilnadu State Council for Science and Technology</b> under student project scheme

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received : Nil

18. Research Centre /facility recognized by the University : Not Yet

19. Publications: Refer Criterion III : Annexure – II

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

Sl. No.	STAFF NAME	MEMBERSHIP
1.	Dr. P. Manimaran	ISTE, SAE , Reviewer IEEE Transactions on Evolutionary Computation & European Journal of Operations Research
2.	Dr.K.Sarukesi	Indian Institute for Non-Destructive Inspection Engineering, ISTE, FIE, SAE, Computer Society of India, Association of Information Systems.
3.	Dr. A. Asha	ISTE, FIE, SAE Reviewer of European Journal of Operations Research & International Journal of Simulation Modeling
4.	Dr. K. Kannan	ISTE
5.	Dr. S. Senthil	ISTE
6.	Mr. K.R. Srinivasan	ISTE
7.	Mr. P. Ganesan	ISTE, SAE, IE
8.	Mrs. N. Premalatha	ISTE
9.	Mr. D. Palani kumar	ISTE
10.	Dr. S. S. Saravana kumar	ISTE, MIWS
11.	Mr. S. Thanga Kasi Rajan	ISTE
12.	Mr. R. Siddharthan	ISTE
13.	Mr. R. Sakthivel Murugan	ISTE, SAE
14.	Mr. N. R. Madhan	ISTE, SAE
15.	Mr. P. Narayanasamy	ISTE, IIM
16.	Ms.S.Ramya	ISTE
17.	Mr.K.Kandakodeeswaran	ISTE
18.	Mr.B.Balavairavan	ISTE

22. Student projects

a) Percentage of students who have done in-house projects including inter departmental/programme

Year	% of students - In house Projects	% of students - Projects outside the institution
2010 - 2014	88.24	8/68=11.76
2009 - 2013	95.59	3/68=4.41
2008 – 2012	88.6	4/35=11.4
2007 - 2011	100	-
2006 - 2010	100	-
2005 – 2009	87.5	4/32=12.5

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies

S. No.	Academic Year	Percentage
1	2010 - 2014	8/68=11.76
2	2009 - 2013	3/68=4.41
3	2008 – 2012	4/35=11.4
4	2007 - 2011	-
5	2006 - 2010	-
6	2005 – 2009	4/32=12.5

23. Awards / Recognitions received by faculty and students

Sl. No.	Year	Name	Innovation Award from
<b>Faculty Awards</b>			
1.	2014-15	Dr. K.Sarukesi, Professor & Dean, Department of Mechanical Engineering	Received <b>Lifetime achievement</b> award from ISTE on 7 <sup>th</sup> Nov 2014
2.	2014-15	Dr. A. Asha, Professor, Department of Mechanical Engineering	Received <b>Eminent Engineer</b> award from IE on 15 <sup>th</sup> Sep 2014
3.	2013 -14	Mr. S. Senthil Associate Professor, Department of Mechanical Engineering	Awarded as <b>Master Trainer</b> NCC by the Government of Tamilnadu
4.	2013 -14	Mr. S. Senthil Associate Professor, Department of Mechanical Engineering	Awarded as <b>LIETENANT</b> by the Officer Training Academy

Faculty Awards			
5.	2012–13	Mr. R. Manikumar, Assistant Professor, Department of Mechanical Engineering	Young scientist award from Tamil Nadu State Council for Science and Technology, Host Institution is NIT, Calicut
6.	2012 – 13	Dr. A. Asha, Prof. & Head Mr. R. Manikumar, Asst. Prof. Department of Mechanical Engineering	<b>Title of Invention:</b> Mechanical Heart Pump Machine <b>Patent Status:</b> Patent registered and examination filed. <b>Patent Number:</b> 4630/CHE/2013 Dated 15/10/2013.
Students Achievements			
7.	2013 – 14	M. Rajapandi	<b>Runner in Table Tennis Anna University 17<sup>th</sup> Zone Boys Tournaments</b>
8.	2013 – 14	G.R.Benedict Joseph V.Vignesh	Won <b>Third prize</b> in Paper presentation
9.	2013 – 14	V.Vignesh	Won <b>Third prize</b> in the event of SNAP & SCRIBE
10.	2013 – 14	J.Prabhakaran S.Manipandi	Won <b>Second prize</b> in the Technical Quiz event
11.	2013 – 14	V.Vignesh	Won <b>Third prize</b> in Solo dance-Western
12.	2013 – 14	V.C. Venkat	Poster Presented in Second International conference organized by IIT-Indore
13.	2013 – 14	R. Sebastian Rayon Nixon & V.C. Venkat Under the Guidance of Mr. S. Senthil AP/ Mechanical	Published a paper on “Rapid Prototyping Process evaluation using inner product of vector method” in International conference on “Diversifying Trends in Technology & Management” organized by IIT-Delhi
14.	2013 – 14	M. Naren & A.R. Karuppiah Under the Guidance of Mr.M.K. Marichelvam AP/ Mechanical	<u>Won Best Paper Awarded</u> Titled “Solving flow shop scheduling problem using a hybrid genetic scatter search algorithm” in International Conference on Computational Intelligence & Advanced Manufacturing Research” at Vels University Chennai

15.	2013-14	S.Kabeer Ali, A.Pandiaraj, R.Jim Regland, S.Raja, A.Muneeswaran, T.Jebin Burk , K.Abdul Rahman Siddik, G.S.Govindan	<b>Runner</b> in Hand Ball Anna University 17 <sup>th</sup> Zone Boys Tournaments
16.	2011-12	T.K.Gouthaman	<b>Second</b> prize in Paper presentation titled <b>Biodiesel from Algae</b>
17.	2011-12	R. Vinoth Prakash	Won <b>Bronze</b> Medal in the event Best <b>Physique</b>
18.	2010-11	D.Sadeesh Kumar T.Shanmugam	<b>Third place</b> in Contraptions during Pinnacle'11 at CEG, Anna University, Chennai.
19.	2010-11	R.Sathya sivam M.Sivapalanirajan	Won <b>First prize</b> in the Technical Quiz event
20.	2010-11	E.Jackson R.Yogan Kumar	Won <b>Second prize</b> in the Technical Quiz event
21.	2010-11	U.Sathyanarayanan	Won <b>First prize</b> in the Technical Quiz event
22.	2010-11	S.Felix Swaggart U.Sathyanarayanan	<b>Runner</b> in the Technical Quiz event
23.	2010-11	M.Sivapalanirajan E.Jackson	<b>Winner</b> in the Technical Quiz event
24.	2009-10	G.Manoj Kumar E.Jackson	Won <b>First prize</b> in the Technical Quiz contest
<b>Rank Holders</b>			
25.	2010-14	R.Sebastian Rayan Nixon P.Johnson Anburaj N.Surya Bharathi M.Ranjith Kumar G.Jebaruban E.Muthurajakumar	University Rank – 2 University Rank – 3 University Rank – 18 University Rank – 30 University Rank – 50 University Rank – 50
26.	2009 – 13	M.Naren S.Kabilan R.Gowtham S.Kanagaraj	University Rank –4 University Rank –5 University Rank –32 University Rank –35
27.	2007 - 11	G. Manoj Kumar	University Rank – 6
		R. Arunpandi	University Rank – 14
		S. Ramesh	University Rank – 31
28.	2005 - 09	K. Umadevi	University Rank – 21

24. List of eminent academicians and scientists/visitors to the department

Sl. No.	VISITORS NAME	COLLEGE/INDUSTRY
1.	Mr. D. Venkadesan	General Manager (Tech), Jayajothi Spinning Mills, Sulakkarai, Virudhunagar
2.	Mr. V.Muneeswaran	Managing Director, Rovam Software (P) Ltd, Sivakasi
3.	Mr.A.Vasanthanathan	Assistant Professor/ Mech. Dept, Mepco Schlenk Engg College, Sivakasi
4.	Dr. G.Rajkumar	Assistant Professor/ Mech. Dept, Mepco Schlenk Engg College, Sivakasi
5.	Mr. Sheik Apsar	Technical Manager, CPLR, Chennai
6.	Mr. G. Subramanian	Trainer and Consultant, Madurai
7.	Mr. N. Sundara Subramanian	Chief Consultant, Technozen Business consultants, Madurai
8.	Mr. Muthupandi	Vital Engineering, Aruppukottai
9.	Dr. N. Bose	Professor, Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi
10.	Dr.A.ValanArasu	Assistant Professor, Department of Mechanical Engineering, Thiagarajar College of Engineering, Madurai 625 015
11.	Dr. T. Prabhakar	Professor, Department of Mechanical Engineering, Mepco Schlenk Engineering College, Sivakasi
12.	Mr.R.Kannan	Professor, Department of Mechanical Engineering, PSNA College of Engg. & Tech., Dindigul
13.	Mr.M.Venkatachalam	Centre Head, CADD CENTRE, Virudhunagar
14.	Prof. Ping-Hei Chen	National Taiwan University
15.	Mr.N. Karthik	Data Patterns, Chennai
16.	Mr.K.Jeya Kumar	Panasonic, Chennai
17.	Mr.K.G.Arun	Motherson Automotive Technologies & Engineering
18.	Er.Sundarajan	Design consultant, chennai
19.	Er.Sri Balaji	Sr.Design Engineer, Caterpillar, USA
20.	Dr.V.Hariharan	Envirotech Engg. Consultant, Chennai
21.	Dr.Gopal subramaniam	Prof, Mechigan Univresity, USA
22.	Er.K.N.Moorthy	Advisor, Reliance Industries
23.	Er.Aladi Arun	Consultant, Madurai
24.	Prof. A.C.Kamaraj,	Chairman, NCWP

25. Seminars/ Conferences/Workshops organized & the source of funding:

- National – Refer Criterion I
- International - Nil

26. Student profile programme/course wise:

Name of the Course/programme (refer question no. 4)	Applications received		Selected	Enrolled		Pass percentage
	MQQ	DOE		*M	*F	
B.E.(Mech) 2008 - 12	13	20	33	33	0	93.9
B.E.(Mech) 2009 - 13	25	40	65	65	0	92.3
B.E.(Mech) 2010 – 14	22	49	71	71	0	80.28
B.E.(Mech) 2011 - 15	24	45	69	69	0	-
B.E.(Mech) 2012 - 16	26	45	71	71	0	-
B.E.(Mech) 2013 – 17	41	76	117	117	0	-
B.E.(Mech) 2014 – 18	30	77	107	104	3	-

\*M = Male \*F = Female

27. Diversity of Students

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
B.E. Mechanical Engineering	100	-	-
M.E. Manufacturing Engineering	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

Nil

29. Student progression

Student progression	Against % enrolled					
UG to PG	2005-09	2006-10	2007-11	2008-12	2009-13	2010-14
	6	2	2	3	7	3
PG to M.Phil.	-					
PG to Ph.D.	-					
Ph.D. to Post-Doctoral	-					

<b>Employed</b>	2005-09	2006-10	2007-11	2008-12	2009 – 13	2010-14
<ul style="list-style-type: none"> <li>● Campus selection</li> <li>● Other than campus</li> </ul>	9	11	8	16	16	10
Entrepreneurship/Self-	-	-	-	-	-	-

30. Details of Infrastructural facilities

a) Library

- Library contains more than 600 engineering books to enrich the knowledge of students.

b) Internet facilities for Staff & Students

21 Gbps speed Leased Line Internet facility for both staff and students

c) Class rooms with ICT facility

Internet access facility is available in all the classrooms.

Wi-Fi facility is available in around the block.

d) Laboratories

<b>Sl. No.</b>	<b>Name of the Lab</b>	<b>Area in sq. m.</b>
1.	Engineering Practices Lab	281.1
2.	Manufacturing Technology Lab - I	200.7
3.	Fluid Mechanics & Machinery Lab	92
4.	Thermal Engineering Lab - I	92
5.	Computer Aided Drafting Lab	92
6.	Manufacturing Technology Lab - II	200.7
7.	Thermal Engineering Lab - II	92
8.	Strength of Materials Lab	83.6
9.	Dynamics Lab	133.8
10.	Metrology and Measurements Lab	133.8
11.	Mechatronics Lab	92
12.	CAD/CAM Lab	92
13.	Computer Aided Simulation and Analysis Lab	92
14.	Metal Forming Lab	66

Computing Facilities available:

<b>Sl. No.</b>	<b>Particulars</b>	<b>Qty.</b>
1.	HCL Make Intel i3 computers	11
2.	DELL Make Intel i3 computers	36
3.	HP Design Jet 500 Mono Plotter	1
4.	TVS MSP 245XL champion printer (dot matrix)	1
5.	Plotter	1
6.	HP Laser printer 1020	1
7.	HP Laser Printer 1008	1
8.	Laser Color Printer	1
9.	15 KVA Online UPS	1
10.	Network Rack	2

Software Available:

Sl. No.	Particulars	No. of Users
1.	Auto Desk Inventor Professional 2013	125
2.	AutoCAD 2013	125
3.	Solid works 2013	30
4.	ANSYS 12	25
5.	Master CAM	15
6.	Automation Studio	10
7.	Pro Engineer Wildfire 3.0	5
8.	CADEM	5
9.	Femap Nastran with CFD analysis	40
10.	NX (CAD/CAM/CAE)	1

31. Number of students receiving financial assistance from college, university, government or other agencies

Scholarship / Name of the category	2008-2009		2009-2010		2010-2011		2011-2012		2012-2013		2013-2014	
	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount	No. of Students	Amount
General (MECH)	-	-	2	35,000	3	15,000	2	65,000	-	-	-	-
College Unjha Fund (MECH)	-		-		-		-		-		-	
State Government (over all college students)	369		449		344		358		731		774	

32. Details on student enrichment programmes (special lectures/workshops /seminar) with external experts

Name of the Programme	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Special Lecture	11	2	1	2	2
Workshops/Conference	-	-	1	-	1
Seminar/FDP	-	-	-	1	1

33. Teaching methods adopted to improve student learning

- Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
- Interested students are given classroom seminars on technical topics.
- Students are given the opportunity of organizing technical departmental events such as ENXENEIRO etc., also events organized under ISTE.
- To eliminate fear on Interview Process, mock interviews are conducted.
- Students are trained through various soft-skills programmes.
- ICT enabled teaching is given to all the students.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities. Various club activities (NCC, NSS, Innovators Club, etc.,)

35. SWOC analysis of the department and Future plans

**Strength:**

- Excellent Academic Performance.
- Qualified faculty members.
- Excellent Infrastructure facilities

**Weakness:**

- Department-level entrepreneurship development initiatives
- Need to get consultancy

**Opportunities:**

- Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop
- Students will be placed in MNCs and IT sector
- Students will have the opportunity to work in inter disciplinary departments.

**Challenges:**

- Unlearning hardware kits and software tools which are becoming obsolete and coping with learning new hardware and software tools to cope-up with technological developments

**Future Plan:**

- Motivate students to improve their performance to achieve more university ranks & placed in at least 15 core companies.
- Augment Post graduate Programmes
- Research Projects
- Getting Research Centre Recognition

### Department of Polymer Technology

1. Name of the department : **Polymer Technology**
2. Year of Establishment : **1998**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Programme of study	Description
UG in <b>Polymer Technology</b>	Started with <b>40</b> seats in <b>July 1998</b> Intake increased to <b>45</b> in <b>June 2005</b> Intake increased to <b>60</b> in <b>June 2014</b>
PG in <b>Polymer Science and Engineering</b>	Started with <b>18</b> seats in <b>17<sup>th</sup> July 2008</b>
<b>Centre for Research</b>	Approved by Anna University of Technology, Tirunelveli dated on <b>June 2010</b>

4. Names of Interdisciplinary courses and the departments / units involved

S.No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Numerical Methods Transforms and Partial Differential Equation Probability and Statistics	Maths	Theory
2.	Strength of Materials	Civil Engineering	Theory
3.	Computer Programming	Information Technology	Theory / Practical
4.	Process Control & Instrumentation	Electronics and Instrumentation Engineering	Theory
5.	Communication Skills and Technical Seminar- I & II English Language Laboratory – Cumulative Skills - I	ENGLISH	Practical

5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester /choice based credit system

6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Environmental Science and Engineering	Electronics and Communication Engg.	Theory

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-

- Collaboration with Bhargave Industries, Madurai on 14.02.2011
- Collaboration with Global polymers Pvt Ltd, Virudhunagar on 14.02.2011
- Collaboration with VIPMA on 21.04.2011
- Collaboration with Monarch Industrial Pvt Ltd, Theni on 14.02.2011
- Collaboration with MONTON UNIVERSITY, LEOBEN, AUSTRIA 23.11.2013
- Collaboration with WOOD K PLUS, AUSTRIA 23.1.2013

8. Details of courses/programmes discontinued (if any) with reasons - Nil

9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	1	1	4	1
Associate Professors	2	-	2	-
Asst. Professors	7	2	4	2

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. Etc.,)

Sl. No	Name	Qualification	Designation	Specialization	Years of Experience
1.	Dr. S.Gandhi	M.Sc., M.Tech., Ph.D.	Associate Professor & HOD i/c	Polymer Nanocomposites	13 Years
2.	Dr.Dr.(Mont).C.T. Vijaya Kumar	M.Sc., Ph.D.	Professor	Polymer Chemistry, High Temperature Polymers	23.5 Years
3	Dr. R. Anbarasan	M.Sc., Ph.D.	Professor	Polymer Chemistry, Conducting Polymers	15.5 Years
4.	Dr.S.Vinayagamoorthy	M.Sc., M.Phil., Ph.D.	Professor	Polymer Chemistry	20.5 Years

Sl. No	Name	Qualification	Designation	Specialization	Years of Experience
5.	Dr. R. Baskaran	M.Tech., Ph.D.	Professor	Polymer Nanocomposites	12.5 years
6.	Dr. N.Nambi krishnan	M.Sc., M.Tech., Ph.D.	Professor	Fuel cells	5 years
7.	Mr. A.Murugesan	M.Tech., (Ph.D.)	Assistant Professor	Rubber Technology	12 years
8.	Mr.B.Rajkumar	M.Sc., M.Tech., (Ph.D.)	Associate Professor	Rubber Technology, Plastics Technology	13.5 years
9.	Mr.P.Jeyaraman	M.Sc., M.Tech., (Ph.D.)	Assistant Professor	Rubber Technology	12 Years
10.	Mr.S.Kailash	M.Tech., (Ph.D.)	Assistant Professor	Polymer Blends	7 Years
11.	Mr.S.Sivakumaravel	M.Tech.,	Assistant Professor	Polymer Nanocomposites	5.5 Years
12.	Mr.K.Agathian	M.Tech., (Ph.D.)	Assistant Professor	Chemical Engineering	6 Years
13.	Mrs.M.Jeyapriya	M.Tech., (Ph.D.)	Assistant Professor	Polymer nanocomposites	6 Years

11. List of senior visiting faculty- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty -Nil

13. Student -Teacher Ratio (programme wise)

Programme	Student-Teacher Ratio
UG	15:1
PG	12:1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	2	2
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D.	P.G.
6	7

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-

Number of faculty with ongoing projects	Grants received
2	74,49,650

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

S. No.	Title & Scope of the R & D Project	Name of the Project Leader	Duration of the years	Amount (Rs.)	Remarks (Funding agencies and Status)
1.	Development of degradable polymers having applicability at high altitudes and sub-zero temperature	Dr. C.T.Vijayakumar	4 Years July 2003 – July 2007	9,90,600	Centre for Fire, Explosive & Environment Safety, Defence Research & Development Organization, Ministry of Defence, Brig. SK Mazumdar Road, Timarpur, Delhi – 110 054 : Completed
2.	Development of novel polyimide encapped oligomers as high temperature matrix resins	Dr. C.T.Vijayakumar	3 Years, Oct. 2003 – Sep. 2006	4,85,600	Defence Materials & Stores R&D Establishment, DMSRDE Post Office, GT Road, Kanpur-208 013: Completed
3.	Development of Intumescent Polymers for extinguishing Sodium Fire	Dr. C.T.Vijayakumar	1 <sup>1/2</sup> Year, 2007-2009	9,56,000	Indira Gandhi Centre For Atomic Research, Kalpakkam- 603 102: Completed

4.	Development of Novel High Temperature Resistant Matrix Resins for Aerospace appln.	Dr. C.T.Vijayakumar	3 Years, 2009 – 2012	18,28,000	Defence Research & Development Organization, Ministry of Defence, – 110 054: completed
5.	Development of Electron Beam Curable resins for fibre reinforce composites	Dr. C.T.Vijayakumar	3 years, 2010-2013	23,63,650	Department of Atomic Energy, Board of Research in Nuclear Science(BRNS), On going
6.	Melt functionalisation of Polyolefins – a FTIR study	Dr. R. Anbarasan	3 years, 2005 – 2008	10,62,000	Department of Science & Technology, Newdelhi: Completed
7.	Synthesis and Characterizations of superhydrophobic copper and aluminum substrate for optoelectronic applications	Dr. R. Anbarasan	3 years, 2012 – 2015	50, 86,000	Defense Research & Development Organization, Delhi – 110 054: Ongoing
8.	Synthesis and characterizations nano silver end capped diblock copolymer nano micelles	Dr. R. Anbarasan	6 months Jan 2012- May 2012	6000	Tamilnadu State Council for Science and Technology, Chennai
9.	Blends of waste woodflour reinforced with recycled polypropylene	Dr.R.Baskaran	6 months Jan 2004- May 2004	4000	Tamilnadu State Council for Science and Technology, Chennai
10.	Synthesis and characterization of silver endcapped diblock copolymer nano miscelles	Dr. R. Anbarasan	6 months 2011-2012	6000	Tamilnadu state council for science & Technology, Chennai
11.	Snthesis and characterization of drug bridged novel polymer nano particles for cancer treatment	Dr. R. Anbarasan	6 months 2012-2013	10,000	Tamilnadu state council for science & Technology, Chennai
12.	Synthesis of fluoroscent schiff base end capped aliphatic poly (ester) for cancer treatment	Dr. R. Anbarasan	6 months 2013-2014	7,500	Tamilnadu state council for science & Technology, Chennai

18. Research Centre / facility recognized by the University Centre of Research recongnized by Anna University Tirunelveli on June 2010

19. Publications:

S.No	Author Name	Journal Name	Co-authors (If any)	Paper Title	Vol.	Month / Year	Page No.	Impact factor
1.	Dr. C. T. Vijayakumar	Polymer composite s	R.Surender A.Mahendran S.Alam	Indane-Based Bismaleimide-cloisite 15a Nano clay Blends :Kinetics of thermal curing and degradation of particulate Nanocomposite s	34	August 2013	1279-1297	1.482
2.	Dr. C. T. Vijayakumar	Journal of Polymer Materials	A.Sundaresan M.Annarajan N.Davidmatha n R.Surender	Studies on maleimide functionalized phenolic resin	30	August 2013	91-102	0.435
3.	Dr. C. T. Vijayakumar	Designed monomers and polymers	S.Shamim rishwana R.Surender N.DavidMatha n S.Vinayaga moorthi S.Alam	Structurally diverse benzoxazines: Synthesis ,polymerization and thermal stability	17	May 2013	47-57	0.875
4.	Dr. C. T. Vijayakumar	Thermochi micaActa	R.Surender A.Mahendran A.Thamarai chelvan S.Alam	Model free kinetics- Thermal degradation of bisphenol A based polybismaleimid e-cloisite 15a nano composites	562	April 2013	11-21	1.989
5.	Dr. C. T. Vijayakumar	Journal of thermal analysis and calorimetr y	G.Pitchaimari	Functionalized Monomers based on N-(4-Hydroxy phenyl)maleimi de: Thermal polymerization and degradation	-	April 2013	-	1.982

6.	Dr. C. T. Vijayakumar	Polymer and Plastic Technology	R.Chitra R.Surender G.Pitchaimari K.Rajakumar	Development of photodegradable Environment Friendly Polypropylene Films	2	March 2013	22-37	-
7.	Dr. C. T. Vijayakumar	Journal of thermal analysis and calorimetry	D.Rajamani R.Surender A.Mahendran S.Muthu subramanian	Bismaleimide/ri se husk silica reinforced composites Synthesis and thermal degradation studies	11 (4)	NOV 2013	883-893	1.982
8.	Dr. C. T. Vijayakumar	Science Direct	A.Mahendran G.Wuzella N.Aust U.Muller	Thermal decomposition kinetics of Natural fiber Reinforced Green Composites	2	Feb 2013	34	-
9.	Dr. C. T. Vijayakumar	Journal of Saudi Chemical Society	M.Karunakaran D.Muthamil Selvan C.Mahesh	o-cresol,Thiourea and Formaldehyde Terpolymer- A cation Exchange Resin	17	Feb 2013	1-8	1.288
10.	Dr. R. Baskaran	Carbohydrate polymers	S.S. Sarvanakumar, A. Kumaravel, T. Nagarajan	Characterization of a novel natural cellulosic fiber from prosopisjuliflora bark	90	2013	1928-1933	

11.	Dr. C. T. Vijayakumar	High performance polymers	J.Dhanalakshmi S.Alam	High Temperature MatrixResins Based on Bispropargyl Ethers- Part 1: Effect of Copper salts on the thermal polymerization of Bispropargyl ether of Bisphenol A and the thermal stability of these polymers	25	Dec 2012	416-426	0.85
12.	Dr. C. T. Vijayakumar	Science jet	N. David Mathan P. Sivasamy D. Ponraj A.Thamarai chelvan	Analytical Chemistry of intumescence – Focus on the bicyclic and spirocyclic phosphorus compounds	1	July 2012	1-28	-
13.	Dr. C. T. Vijayakumar	Journal Applied polymer Science	R. Surendar A.Mahendran A.Thamarai chelvan S. Alam	Curing studies of bisphenol A based bismaleimide and cloisite 15a nonoclay blends using DSC and model free kinetics	12	2012	712-724	1.3
14.	Dr. C. T. Vijayakumar	Sciencejet	R. Surendar K. Thenmozhi P. Sivasamy S. Alam	Degradation kinetics of bismaleimide – natural clay composites	1	May 2012	1 - 17	-
15.	Dr. R. Anbarasan	Materials letter	Hung – Hsia Chen Long – Sheng Kuo Chin Chi Hus Ping – Hei Chen Kuei – Feng Chiang	Fabrication of hierarchical structured superhydrophobic copper surface by in – situ method with micro/nano scaled particles	60	2012	299-301	2.307

16.	Dr. R. Anbarasan	Indian journal of science	A.YelilArasi M. Hema P. Tamil Selvi	Synthesis and Characterization s of Sio2 nano particles by sol – gel process	1	2012	6-10	-
17.	Dr. R. Anbarasan	Discovery Science	V.Parthasarathy V.Dhanalakshmi	Free radical grafting of ethylcrotonate and ethylsalicylate onto HDPE by thermolysis method - an FTIR approach	1	2012	29-34	-
18.	Dr. R. Anbarasan	Journal of Applied polymer Science	C. A. Peng	Effect of MWCNT and Au nano particle on the structure – property relationship of poly (N-isopropyl acrylamide)	124	2012	3996 – 4006	1.26
19.	Dr. R. Anbarasan	International Journal of Nano Science	S. Gandhi M.R.Gopinathan Nair	Sonochemical synthesis and characterization of nano structured Mn3O4 and its surface catalytic effect on poly (vinyl alcohol)	11	2012	181-185	3.13
20.	Dr. C. T. Vijayakumar	Journal of Material Science	Dr.M.Saroja devi, R. Baskaran	Unsaturated Polyester filled with nano alumina	46	July'11	4420-4427	2.015
21.	Dr. C. T. Vijayakumar	Journal of Polymer Materials	Dr.M.Saroja devi, R. Baskaran	Effect of Nano Zinc Oxide on Mechanical and Thermal properties of Unsaturated Polyester/ nano Zinc Oxide Composites	28	July'11	217-231	0.32

22.	Dr. C. T. Vijayakumar	Global Journal of environmental Science and Technology	K. Rajakumar, V.Sarasvathy A.Thamarai Chelvan, R. Chitra	Natural weathering Studies of Polypropylene	1	2011	13	-
23.	Dr. C. T. Vijayakumar	Journal of Thermal Analysis and calorimetry	R. Surendran, K. Rajkumar, S. Alam	Synthesis and Thermal studies of bis- phenol A based bismalimide: Effect of nano clays	103	2011	693-699	1.604
24.	Dr. R. Anbarasan	Journal applied polymer science	V.Dhanalakshmi	Melt Functionalization of LDPE with Thio Ester, Amino ester and Hydroxy ester by Thermolysis Method – An FTIR Study	122 (4)	April, 2011	2252-2261	1.26
25.	Dr. R. Anbarasan	Materials Chemistry and Physics	Hung-Hsis Chen, Long-Sheng Kuo, Ping-Hei Chen	A novel report on Eosin Y Functionalized MWCNT as an initiator for ring opening polymerization poly( $\epsilon$ -aprolactone)		8 jan 2011		2.38
26.	Dr. R. Anbarasan	Journal of Chil. Chem. Soc	A.YelilArasi, J.JulietLatha Jeyakumar, B.sundaresan, V.Dhanalakshmi	Synthesis and characterizations of Poly(Aniline)Sb <sub>2</sub> O <sub>3</sub> Nano Composite	56	2011	610	-
27.	Dr. R. Anbarasan	Journal of macromolecular science	V. Sangeetha M. Saravanan R. Raj kumar M. Anandha alaguraja V.Dhanalakshmi	Effect of substituents and dopants on the structure – property relationship of poly(aniline) – A comparative study	50	2011	1-16	2.3

28.	Dr. R. Baskaran	Journal of Material Science	Dr.C.T.Vijaya kumar , Dr.M.Saroja devi	Unsaturated Polyester filled with nano alumina	46	July'11	4864-4871	2
29.	Dr. R. Baskaran	Journal of Polymer Materials	Dr.C.T.Vijaya kumar , Dr.M.Saroja devi	Effect of Nano Zinc Oxide on Mechanical and Thermal properties of Unsaturated Polyester/ nano Zinc Oxide Composites	28	2011	217-231	2.26
30.	Dr. C. T. Vijayakumar	Global Journal of Analytical Chemistry	N.DavidMathan, V.Sarasvathy, T.Rajkumar, A.Thamarai chelvan and D. Ponraju	Pyrolysis gas chromatography – mass spectrometry studies of sipro phosphate esters containing phenol and substituted phenol moieties	1	JULY 2010	1-12	-
31.	Dr. C. T. Vijayakumar	Nano Science & Nano Technology	Dr.M.Saroja devi, R. Baskaran	Mechanical and Thermal properties of Unsaturated polyester – Silica nanocomposites	4 (1)	June10	1-5	2.107
32.	Dr. C. T. Vijayakumar	Journal of Applied Polymer science	K. Rajkumar, V. Srasvathy, A. Thamarai chelvan, R. Chitra	Effect of iron carboxylates on the photodegradability of polypropylene. I. Natural weathering studies	118	June 2010	2601-2612	
33.	Dr. C. T. Vijayakumar	Journal of Thermal Analysis and calorimetry	Vijayakumar saranya Nagarajan David Mathan, Thangamani Rajkumar, DurairajPonraju	Study of thermal properties of intumescent additive	102	Apr 2010	1071-1077	1.604

34.	Dr. C. T. Vijayakumar	Journal of Thermal Analysis and Calorimetry	Nagarajan David Mathan, Vijayakumar Sarasvathy, Thangamani Rajkumar, Arunachalam Thamarai chelvan and Durairaj Ponraju	Synthesis and thermal properties of spiro phosphorus compounds	101	March 2010	281-287	1.604
35.	Dr. C. T. Vijayakumar	Journal of Analytical and applied pyrolysis	T.Periya durai M. Bala subramanian	Thermal Decomposition and flame retardant behavior of SiO <sub>2</sub> – phenolic nano composites	89	2010	244-249	2.487
36.	Dr. R. Anbarasan	Synthetic Metals	J.Juliatlatha Jeyakumari A. YelilArasi V.Dhanalakshmi B. Sundaresan	Chemical synthesis of poly (aniline –co – o/m-toluidine)/V <sub>2</sub> O <sub>5</sub> nano composites and their characterizations	160	10 nov 2010	2605-2612	2.081
37.	Dr. R. Anbarasan	Journal of Applied Polymer Science	P. Aravind, V.Dhanalakshmi	Synthesis and Characterization of polymethacrylamide – Clay Nano Composites		28 oct 2010		1.26
38.	Dr. R. Anbarasan	J. Mate. Sci.	Hung-Hsis Chen, Long-Sheng Kuo, Ping-Hei Chen	Synthesize and characterization of novel acid functionalized and fluorescent poly(ε-caprolactone)	-	11 Oct 2010	-	2.015
39.	Dr. R. Anbarasan	Journal of applied spectroscopy	V.Dhanalakshmi	FTIR study of the melt grafting of high density polyethylene with amino, sulfonate, and	77 N5	September October 2010		1.663

				mercapto esters				
40.	Dr. R. Anbarasan	J. Mater. Sci.	C.A. Peng	Synthesis and characterization of Rosenbengal/folic acid functionalized multiwall carbon nanotube.	-	3 September 2010	-	2.26
41.	Dr. R. Anbarasan	e-polymer 2010	A.YelilArasi, J .JulietLatha  Jeyakumari, B. Sundaresan, V.Dhanalakshmi	Catalytic activity of V2O5 on aniline polymerization and study of structural properties of poly(aniline)/V2O5 nanocomposite.	088	25 August 2010	1618-7229	1.34 (2004)
42.	Dr. R. Anbarasan	Journal of non-crystalline solids	P. Abiramipriya N. Pooja J.Juliatlatha Jeyakumari A. YelilArasi V.Dhanalakshmi M.R.Gopinathan Nair, S. Gandhi	Synthesis and characterization of nano sized MgO and its nano composite with poly(vinyl alcohol)	-	20 Aug 2010		1.510
43.	Dr. R. Anbarasan	Thermo Chimica Acta	V. Parthasarathy, B. Sundaresan, V.Dhanalakshmi	Functionalization of HDPE with aminoester and hydroxyester by thermolysis –An FTIR-RI approach	510	30 June 2010	61-67	1.8

44.	Dr. R. Anbarasan	Journal of Applied Polymer Science	N.Nagalakshmi I. Baskaran V.Dhanalakah mi M.R.Gopinathan Nair, S.Gandhi	Synthesis and characterization of nano sized NiO and its surface catalytic effect on poly(vinyl alcohol)	118	3 June 2010	1666-1674	1.26
45.	Dr. R. Anbarasan	International journal of polymeric materials	K.Manjula V. Vimala I. Baskaran V.Dhanalakah mi	The effect of Nanosized layered materials on the structure property relationship of Poly(aniline)s: An FTIR kinetic study	60	2 June 2010	1-25	3.13
46.	Dr. R. Anbarasan	The Institute of Engineering and Technology	J .Juliet Latha, A.YelilArasi, B. Sundaresan, V.Dhanalaksh mi	Synthesis and characterization of poly(aniline-co-0/m-toluidine)/Sb2O3 nanocomposite	5 issue 4	15 May 2010	241-246	-
47.	Dr. R. Anbarasan	J. Mater. Sci.	V.Dhanalaksh mi M. Sudha	Synthesis and characterization of Cd <sup>2+</sup> Pb <sup>2+</sup> and Sr <sup>2+</sup> containing divinyl monomers and their melt grafting reaction with LLDPE an FTIR approach	44	9 March 2010	3289-3299	2.26
48.	Dr. R. Anbarasan	Journal of applied polymer science	M.Fathima Parveen, S.Umapathy, V.Dhanalaksh mi	Synthesis and characterization of nanosized iron(II) hydroxide and Iron(II)hydroxide/poly(vinyl alcohol) nanocomposite	Vol. 118	18 February 2010	1728-1737(2010) —	1.26

49.	Dr. R. Anbarasan	J. Mater. Sci	R. Hari Hara Subramani T.Ramakrishnan A. Sivabalan V.Dhanalakshmi M.R.Gopinathan Nair, S. Gandhi	Ultrasound assisted one pot synthesis of nano-sized CuO and its nano composite with poly(vinyl alcohol)	45	5 Jan 2010	1688-1694	2.26
50.	Dr. R. Anbarasan	Nano-micro letters	Hung-Hsis Chen, Long-Sheng Kuo, Meng-Yu Tsai, Ping-Hei Chen, Kuen-Feng Chiang	Synthesis, characterization and hydrophobicity of micro/nano scaled heptadecafluoro nonanoic acid decorated copper nanoparticle	Vol. 2No. 2	2010	101-105(2010)	2.015
51.	Dr. R. Anbarasan	composite interfaces	M.Fathima Parveen, S.Umapathy, V.Dhanalakshmi	Synthesis and characterization of nano-sized Zn(OH) <sub>2</sub> and Zn(OH) <sub>2</sub> /PVA nano-composite	17	2010	757-774	-
52.	Dr. R. Anbarasan	Spectrochimica Acta Part A	V.Dhanalakshmi	Melt grafting of metal salts onto LLDE BACKBONE –An FTIR study	Part A 76	2010	37-44	2
53.	Dr. R. Baskaran	Nano Science & Nano Technology	Dr.C.T.Vijaya kumar , Dr.M.Sarojadevi	Mechanical and Thermal properties of Unsaturated polyester – Silica nanocomposites	4 (1)	June10	1-5	1.01
54.	Dr. S. Gandhi	Journal of non-crystalline solids	P.Abiramipriya N.Pooja J.Juliatlatha Jeyakumari A. YelilArasi V.Dhanalakshmi M.R.Gopinathan	Synthesis and characterization s of nano sized MgO and its nano composite with poly(vinyl alcohol)	357	20 Aug 2010	181-185	1.510

			Nair R. Anbarasan					
55.	Dr. S. Gandhi	Journal of Applied Polymer Science	N.Nagalakshmi I. Baskaran V.Dhanalakhami M.R.Gopinathan Nair R. Anbarasan	Synthesis and characterization of nano sized NiO and its surface catalytic effect on poly(vinyl alcohol)	118	3 June 2010	1666-1674	1.26
56.	Dr. S. Gandhi	Journal of Material Science	R. Hari Hara Subramani T.Ramakrishnan A. Sivabalan V.Dhanalakhami M.R.Gopinathan Nair R. Anbarasan	Ultrasound assisted one pot synthesis of nano-sized CuO and its nanocomposite with poly(vinyl alcohol)	45	5 Jan 2010	1688-1694	2.26
57.	Dr. C. T. Vijayakumar	J Polymers and Environment	Rajakumar, V.Sarasvathy A.Thamarai Chelvan, R. Chitra	Natural weathering Studies of Polypropylene	17	Sep 2009	191-202	1.349
58.	Dr. C. T. Vijayakumar	Journal of Thermal Analysis and Calorimetry	Thangamani Rajkumar, Palanichamy Sivasamy and Charles A. Wilkie	Thermal Degradation Studies on PMMA-HET Acid Based Oligoesters Blends	100	July 2009	651-660	1.604
59.	Dr. C. T. Vijayakumar	European Polymer Journal	Shanmugam Vinayaga moorthi & Sarfaraz Alam, Sankar Nanjundan	Structural Aspects of High Temperature Thermosets – Bismaleimide / Propargyl Terminated resin System Polymerization and Degradation studies	45	2009	1217-1231	2.739

60.	Dr. C. T. Vijayakumar	Polymer-Plastics Technology and Engineering	Thangadurai Periadurai & Sarfaraz Alam	Synthesis and Polymerization of Bismaleimide Derived from 5(6)-amino-1(4'-aminophenyl)-1,3,3'-trimethyl indane	48	2009	141-151	1.279
61.	Dr. R. Anbarasan	Journal of applied polymer science	R.Pandiarajaguru R. Prabhu V.Dhanalakshmi A.Jayalakshmi B.Dhanalakshmi S. Ulfath Nisha S. Gandhi T. Jayalakshmi	Synthesis, characterization and mechanical properties of structurally modified poly(vinyl alcohol)	117	Dec 2009	2059-2068	1.26
62.	Dr. R. Anbarasan	Journal of polymers and Technologies	V.Dhanalakshmi	Synthesis and characterization of novel polyester-copolymer	-	May - December 2009	149	-
63.	Dr. R. Anbarasan	journal of applied polymer science	V.Dhanalakshmi K. Raja Sulochana, M. Sudha, T.Jayalakshmi	Synthesis and characterization of calcium Di(methyl)acrylate divinyl monomers and melt surface graft functionalization with linear low density poly(ethylene)	Vol. 115	15 Oct 2009	2582-2590(2010)	1.26
64.	Dr. R. Anbarasan	Spectrochimica Acta Part A	A.YelilArasi, J .Juliet Latha Jeyakumari, B. Sundaresan, V.Dhanalakshmi	The structural properties of poly(aniline)- Analysis via FTIR spectroscopy	74	25 September 2009	1229-1234	2
65.	Dr. R. Anbarasan	J. Mater. Sci.	M.Fathima Parveen, S. Umapathy, V.Dhanalakshmi	Synthesis and characterization of nano-sized Ni(OH) <sub>2</sub> and Ni(OH)/poly(vinyl alcohol) nanocomposite	44	1 September 2009	5852-5860	2.26

66.	Dr. R. Anbarasan	World scientific	M. Fathima Parveen, S. Umapathy, V.Dhanalakshmi	Synthesis and characterization of nanosized Mg(OH) <sub>2</sub> and its nanocomposite with poly(vinyl alcohol)	Vol. 4no. 3 (2009)	September 1, 2009	147-156	3.9
67.	Dr. R. Anbarasan	journal of applied polymer science	S. Kanchana, S. Gayathri, T. Jayalakshmi, V.Dhanalakshmi	Melt functionalization of linear low density poly(ethylene) with succinimide and N-Hydroxysuccinimide by thermolysis method.	Vol. 115	27 Aug 2009	315-323	1.26
68.	Dr. R. Anbarasan	Polymers and polymer composites	A.YelilArasi, J.Juliet Latha Jeyakumari V.Dhanalakshmi B. Sundaresan, V.Parthasarathy	FTIR spectroscopy: A useful tool for structural determination of polyaniline and its nanocomposite.	Vol 17, no. 7	6 May 2009	397	1.73
69.	Dr. R. Anbarasan	J. Mater. Sci.	S. Radhika, K. Durai Murugan, I. Baskaran, V.Dhanalakshmi	Metal oxide-assisted chemical synthesis of poly( $\alpha$ -naphthylamine) and characterization.	44	29 April 2009	3542 - 3555	2.26
70.	Dr. R. Anbarasan	Polymer Engineering and Science	V.Parthasarathy B.Sundaresan, V.Dhanalakshmi	Melt surface grafting of HDPE with mercaptoesters by thermolysis method	-	2009	-	1.302

71.	Dr. S. Gandhi	Journal of Applied Polymer Science	R.Pandiaraja guru R.Prabhu V.Dhanalakah mi A.Jayalakshmi B.Dhanalaksh mi S.Ulfathnisha R. Anbarasan T. Jayalakshmi	Synthesis, characterization s and Mechanical properties of structurally modified poly(vinyl alcohol)	117	27 Dec 2009	2059-2068	1.26
72.	Dr. C. T. Vijayakumar	European Polymer Journal	Thangamani Raj Kumar, Palanichamy sivasamy, Charles A, Wilkie	HET acid based oligoesters - TGA/FTIR studies	44	June 2008	1865 - 1873	2.739
73.	Dr. C. T. Vijayakumar	Polymers advanced technologies	T.Raj Kumar, P. Sivasamay, B. Sreedhar,	Chlorinated thermal stabilizer for optically clear PMMA	23	2011	829-834	2.007
74.	Dr. R. Anbarasan	Journal of Nano Science	B. Barasana Bana, M. Inigo, N. Sharmila Banu, R.JegadheeswariT.Jayalakshmi	Synthesis and characterization of Al(OH) <sub>3</sub> and Mg(OH) <sub>2</sub> in the presence of Poly(vinyl alcohol).	Vol. nos. 4 and 5 (2009)	27 December 2008	381-388	1.01
75.	Dr. R. Anbarasan	Journal of Nano Materials	S. Radhika, K., Durai Murugan, I. Baskaran	Chemical synthesis and characterization of poly (Naphthylamine ) – Nano Composites		2008		1.37
76.	Dr. R. Anbarasan	Chinese Journal of Polymer science	S.Radhika, K, Durai Murugan, I. Baskaran	Clay catalysed synthesis of Bio – degradable poly (glycolic acid)	26	2008	1-6	0.919
77.	Dr. R. Baskaran	Malaysian Polymer Journal /International	C.T.VIJAYA KUMAR M.Sarojadevi	Utilisation of granite powder as filler in vinylester resin	Vol 9, no 1.	March 2014	30-35	2.562

78.	Dr. R. Anbarasan	International journal of biological macromolecules /international	S.Palanikumar, P.Siva, B.Meenarathi, L.Kannammal	Effect of $FE_2O_3$ on the sedimentation and structure - property relationship of starch under different PHs	67.	March 2014	91-98	2.679
79.	Dr. R. Anbarasan	Journal of physics D: Applied physics/ international	S.Palanikumar, A.yelilarasi, B.Meenarathi, L.Kannammal	Synthesis and characterization and band gap energy of poly(E-Caprolactone)/Sr-MSA nano-composites	47	March 2014		2.36
80.	Dr. R. Anbarasan	Appl NanoSci/ international	S.Palanikumar, B.Meenarathi, L.Kannammal	Synthesis, characterization and catalytic activity of furosemide – functionalized ferrite on the sedimentation behavior of starch		Jan 2014		
81.	Dr. R. Anbarasan	Synthetic Metals/ International	S.Palanikumar, B.Meenarathi, L.Kannammal, A.Murugesan.	Synthesis and characterization and drug release activity of poly(Caprolactone –block-anthranilicacid grafted tetrahydrofuran ) block poly(Caprolactone) triblock copolymer	189.	Jan 2014	143-151	2.102
82.	Mr. A. Murugesan	Synthetic Metals/ International	S.Palanikumar, B.Meenarathi, L.Kannammal, R.Anbarasan.	Synthesis and characterization and drug release activity of poly(Caprolactone –block-anthranilicacid grafted	189.	Jan 2014	143-151	2.102

				tetrahydrofuran ) block poly(Caprolactone) triblock copolymer				
83.	Dr. C. T. Vijayakumar	Thermochem. Act/international	G.Pitchaimari.	Studies on thermal degradation kinetics of thermal and UV cured N(4-hydroxy phenyl)maleimide derivatives	<a href="#">Volume 575.</a>	Jan 2014	70-80	2.046
84.	Dr. R. Anbarasan	Act Physical Polonica/International		Synthesis and characterization of poly (aniline – co –o-toluidine) nano composites	125, 23	2014		1.01
85.	Dr. R. Anbarasan	Journal of science/National	S.Palanikumar, B.Meenarathi, L.Kannammal, A.Udhyaranjan, H.Premkumar	Synthesis and characterization of poly(ascorbic acid) by ring opening polymerization	Vol 4, iss2.	2014	66-73	
86.	Dr. R. Anbarasan	Malaysian Polymer Journal /International	V.Parthasarathy V.Dhanalakshmi	Free radical grafting of aminoisophthalate and aminocrotonate onto LDPE backbone: A post FTIR study	Vol 8.	2014	1-8	2.562
87.	Dr. C. T. Vijayakumar	Science jet/international	Gnanasekar pitchaimari, Rajendran surrender, Thangamani Rajkumar, Shanmugam Vinayaga moorthi	Bispropargyl ether and bismaleimide blended part-II :TG Studies and degradation kinetics	3: 44	2014	1-7	
88.	Dr. R. Anbarasan	Indian journal of science/national	B.Meenarathi, L.Kannammal, K.Agathian, Siva.P.	Luminol initiated ring opening polymerization of ε-caprolactone	Vol 5, no 13 .	Oct 2013	37-40	

89.	Dr. R. Anbarasan	Indian journal of science / national	K.Agathian	Synthesis and characterization of novel poly(safranine – co – luminal)	Vol 5, no 13.	Oct 2013	9-13	
90.	Dr. R. Anbarasan	Indian journal of science/ national	B.Meenarathi, L.Kannammal, M.G.Sribala, Hung-Hsia-Chen, Ping-HeiChen, Siva.P.	Synthesis and characterization s of poly(e-Caprolactone) based hydrophobic copolymers	Vol 5, no 13.	Oct 2013	41-48	
91.	Dr. R. Anbarasan	Journal of chemical science and technology/ International	V.Parthasarathy	Thermolysis of LDPE with mercaptoesters: A comparative thermal study	Vol 2, is 4.	Oct 2013	197-208	
92.	Mr. K. Agathian	Indian journal of science/ national	B.Meenarathi, L.Kannammal, R.Anbarasan, Siva.P.	Luminol initiated ring opening polymerization of e-caprolactone`	Vol 5, no 13 .	Oct 2013	37-40	
93.	Mr. K. Agathian	Indian journal of science/ national	R.Anbarasan.	Synthesis and characterization of novel poly(safranine – co – luminal)	Vol 5, no 13.	Oct 2013	9-13	
94.	Mrs. M. G.Sri bala	Indian journal of science/ national	B.Meenarathi, Hung-Hsia-Chen, Ping-HeiChen, Kannammal.L, Siva.P, Anbarasan.R	Synthesis and characterization s of poly(e-Caprolactone) based hydrophobic copolymers	Vol 5, no 13.	Oct 2013	41-48	
95.	Dr. C. T. Vijayakumar	Polymer composite s/International	A.Sundaresan M.Annarajan N.David mathan R.Surender	Indane-Based Bismaleimide-cloisite 15a Nano clay Blends :Kinetics of thermal curing and degradation of particulate Nanocomposites	30	August 2013	1279-1297	1.482

96.	Dr. C. T. Vijayakumar	Journal of Polymer Materials/ International		Studies on maleimide functionalized phenolic resin		August 2013	91-102.1 2p.	
97.	Dr. R. Anbarasan	Current chemical letters/International		FTIR and thermal studies on ester grafted HDPE		June 2013	135-144	1.594
98.	Dr. R. Anbarasan	Indian journal of science / national		Synthesis and characterization of nano sized Al(OH) <sub>3</sub> in the presence of aniline as a dispersing agent		June 2013	97-101	
99.	Dr. R. Anbarasan	Indian journal of science / national		Synthesis and characterization of nano sized Cu(OH) <sub>2</sub> and its surface catalytic effect on Poly(vinyl alcohol)		June 2013	111-117	
100	Dr. R. Anbarasan	International journal of plastics / International		Thermal, melting and crystallinity behavior of ester grafted LDPE by Thermolysis method		May 2013	61-74	
101	Dr. R. Anbarasan	Nano bulletin/ national		Synthesis of hierarchical structured MgO sol –gel method		Apr 2013		
102	Dr. R. Anbarasan	Indian journal of science/ national		Synthesis and characterization of Cd-O nano rod by ultrasound assisted one pot method and its surface catalytic effect on poly((vinyl alcohol)		March 2013	121-124	

103	DR. R. Anbarasan	Indian journal of science/ national		Synthesis and characterization of poly (Benzedrine)/oxidized graphite nano composite.		March 2013	127-130	
104	Dr. R. Anbarasan	Journal of polymer science /International		Near infrared dye functionalized MWCNT as an effective initiator for the ring opening polymerization of caprolactone.		march 2013	118	
105	Dr. R. Anbarasan	Asian journal of chem. /International		Fictionalization of LDPE with ethylcrotonate and ethylsalicylate in the presence of free radical initiator :FTIR-RI kinetics study		Jan 2013	3755-3761	0.25
106	Dr. R. Baskaran	Carbohydrate polymers/ International	.S. Sarvanakumar, A. Kumaravel, T. Nagarajan	Characterization of a novel natural cellulosic fiber from prosopis juliflora bark		2013	1928-1933	3.479
107	Dr. R. Anbarasan	Journal of science and technology /International		Thermolysis of LDPE with mercaptoester. A comparative thermal study		2013		
108	Dr. R. Anbarasan	Current trends in polymer science /International		Chemical grafting of amino ester onto HDPE backbone –An FTIR –RI kinetics approach.		2013		

109	Dr. R. Anbarasan	Chemical science trans. /International		Titania nano particles synthesized by sol –gel techniques		2013		
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20. Areas of consultancy and income generated: Testing and processing

Sl. No.	Name of the staff	Title of the project	Name of the institute /industry	Charge	Duration
1.	S.Kailash	Flexural test	A.Thanesh II YEAR – M.TECH (production National Engineering College , kovilpatti	45550	13.02.2013
2.	S.Kailash	Tensile test	A.Thanesh II YEAR – M.TECH (production National Engineering College , kovilpatti	1800	31.12.2012
3.	S.Kailash	Compressive strength	Mr.B.Rajkumar (QA) M/s Monarch industrial product private limited ,theni - 625531	500	14.02.2013
4.	S.Kailash	Flexural test	Mr.R.M.Sheik Mohamed Hussian , department of automobile engineering, Noor Islam university , kumara koil, thockalay, kanyakumari	2450	18.01.2013
5.	S.Kailash	Compressive strength	Mrs.A.J.Sunija ,TRA, Department of Chemistry , University college of engineering , Nagarcoil,	2700	23.02.2013
6.	S.Kailash	Tensile, Compressive,& Flexural test	K.Karthick , ME.T. Engineering College ,CHENBAGARAMAN PUTHUR , kanyakumari	850	16.03.2013
7.	S.Kailash	Tensile test	Mr.P.Magesh ,IV YEAR , Mechanical engineering , Dr.Sivanthi Adithinar college of engineering , thiruchendur	2200	28.02.2013
8.	S.Kailash	Tensile test	R.Muthu pandhi ,B.E .Mechanical	600	5.03.2013

			Engineering , S.B.M.College of engineering and technology , dindigul		
9.	S.Kailash	Flexural test	A.Vijayanand, Final Year Mechanical Engineering ,National Engineering College , kovilpatti.	3300	7.03.2013
10.	S.Kailash	Tensile, Compressive,& Flexural test	Mr.M.Deivendran Final Year Mechanical Engineering ,Raja College of Engineering & technology , Madurai	6500	25.02.2013
11.	S.Kailash	Compressive strength	Mrs.A.J.Sunija ,TRA, Department of Chemistry , University college of engineering , Nagarcoil,	900	16.03.2013
12.	S.Kailash	Tensile, Compressive,& Flexural test	Mr.P.Chenthattikalai Final Year Mechanical Engineering ,P.S.R Engineering College ,SIVAKASI	3400	15.03.2013
13.	S.Kailash	Tensile& Flexural test	T.Anandaraj, Final Year, Mechanical Engineering, National Engineering College, kovilpatti.	4400	13.03.2013
14.	S.Sivakumaravel	Falling dart impact test	M/s Global poly bags private limited , Virdhunagar	3000	3.05.2013
15.	S.Kailash	Tensile, Compressive,& Flexural test	Mr.P.Chenthattikalai Final Year Mechanical Engineering ,P.S.R Engineering College ,SIVAKASI	1700	11.04.2013
16.	S.Kailash	Tensile test	G.BALACHANDER , M.E.MECHANICAL ENGINEERING , Anna university-Chennai , Regional Centre- Madurai	1500	04.07.2013
17	S. Kailash	Tensile& Compression	M. Nesamani Balan, NEC, KOVILPATTI	1200	9/3/2011
18	S. Kailash	Tensile& Compression	M.Ramar, NEC, KOVILPATTI	400	11/3/2011

19	S. Kailash	Tensile	D Sam jebaduari,Pattu muthu, Venkatramanan, Kamal rajan, Francais Xavier engg college, Tirunelveli	400	6/4/2011
20	R Baskaran	TGA	V Selvarani, M.D. Neelakandan, HOD, Department of chemistry, NEC, Kovilpatti	6300	20/4/2011
21	R Baskaran	TGA	Mohideen Abdul Kadar.M, M.E.(II Yr)(IS), MEPCO, Sivakasi	2100	29/4/2011
22	R Baskaran	TGA	Arul Leo Basin, project assistant, MEPCO, Sivakasi	2100	3/5/2011
23	S. Kailash	Tensile& Compression	L. Boopathi, Professor, Mechancial department, Erode senguntar engineernga college,	1000	10/6/2011
24	S. Kailash	Tensile& Compression	R.Sivakumar, Hercules cycles, Tlcycles of India, Ambattur, Chennai	1000	19/7/2011
25	K R.Muthukumar	Fallindartes,Impact	A Balan,Factory Manager, Global poly bags	800	22/9/2011
26	K R.Muthukumar	Fallindartes,Impact	A Balan,Factory Manager, Global poly bags	200	23/9/2011
27	S. Kailash	Tensile& Compression	R. Aravinda Losanan,:PSR Engg College	900	4/1/2012
28	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	G. Manikanda Raj, ME(cad/cam) MEPCO	1750	14/2/2012
29	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	K.Karhikeyan, ME(cad/cam) MEPCO	800	14/2/2012
30	S. Kailash	Tensile& Compression, Shear, 3	S Vasanth nathan, ME(cad/cam) MEPCO	400	14/2/2012

		pointbending test			
31	S. Kailash	Tensile	V Balasubramanian, TCE,Madurai	300	21/2/2012
32	S. Kailash	Tensile	CSuresh kumar, BE(mech), NEC	2100	27/1/2012
33	S. Kailash	Tensile,Shear, 3 pointbending test	Prasath, ribin gopinath, TS Sabin, NEC	600	1/3/2012
34	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	Renga prasath,BE (Mech), MEPCO	1050	5/3/2012
35	S. Kailash	Tensile& Flexural	S.Subramanian, II yr,Engg design,AU Madurai	2000	12/3/2012
36	S. Kailash	Tensile& Flexural	Subash, SIT, Kariapatti	1200	12/3/2012
37	S. Kailash	Tensile& Flexural	M Albert, Udaya school of engineering, Kaniyakumari	2750	12/3/2012
38	PJeyaraman	FTIR	V Karthikeyan, alliance tyres,tirunelveli	1300	14/3/2012
39	R Baskaran	Chemical equipment	K.selvakumar, GR. Jeevan, SarasewathiNarayanan arts college, Madurai	100	18/2/12
40	S. Kailash	Tensile& Flexural	A. Rajesh, T.Sureshkumar PSR engineering college,sivakasi	500	17/3/12
41	S. Kailash	Tensile& Compression	M. Nesamani Balan, NEC, KOVILPATTI	1200	9/3/2011
42	S. Kailash	Tensile& Compression	M.Ramar , NEC, KOVILPATTI	400	11/3/2011
43	S. Kailash	Tensile& Compression	D Sam jebaduari,Pattu muthu, Venkatramanan, Kamal rajan, Francais Xavier engg college, Tirunelveli	400	6/4/2011
44	R Baskaran	TGA	V Selvarani, M.D. Neelakandan, HOD, Department of chemistry, NEC, Kovilpatti	3500+2800	20/4/2011
45	R Baskaran	TGA	Mohideen Abdul Kadar.M, M.E.(II Yr)(IS), MEPCO, Sivakasi	1400+700	29/4/2011

46	R Baskaran	TGA	Arul Leo Basin, project assistant, MEPCO, Sivakasi	2100	3/5/2011
47	S. Kailash	Tensile& Compression	L. Boopathi, Professor, Mechancial department, Erode senguntar engineernga college,	1000	10/6/2011
48	K R.Muthukumar	Fallindartes,Impact	A Balan,Factory Manager, Global poly bags	800	22/9/2011
49	K R.Muthukumar	Fallindartes,Impact	A Balan,Factory Manager, Global poly bags	200	23/9/2011
50	S. Kailash	Tensile& Compression	R. Aravinda Losanan,:PSR Engg College	900	4/1/2012
51	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	G. Manikanda Raj, ME(cad/cam) MEPCO	700	14/2/2012
52	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	K.Karhikeyan, ME(cad/cam) MEPCO	800	14/2/2012
53	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	V. Balasubramanian, TCE, Madurai	300	21/2/2012
54	S. Kailash	Tensile	CSuresh kumar, BE(mech), NEC	2100	27/1/2012
55	PJeyaraman	FTIR	V Karthikeyan, alliance tyres,tirunelveli	1300	14/3/2012
56	S. Kailash	Tensile& Compression	M. Nesamani Balan, NEC, KOVILPATTI	1200	9/3/2011
57	S. Kailash	Tensile& Compression	M.Ramar , NEC, KOVILPATTI	400	11/3/2011
58	S. Kailash	Tensile& Compression	D Sam jebaduari,Pattu muthu, Venkatramanan, Kamal rajan, Francais Xavier engg college, Tirunelveli	400	6/4/2011
59	R Baskaran	TGA	V Selvarani, M.D. Neelakandan, HOD, Department of chemistry, NEC,	3500+2800	20/4/2011

			Kovilpatti		
60	R Baskaran	TGA	Mohideen Abdul Kadar.M, M.E.(II Yr)(IS), MEPCO, Sivakasi	1400+700	29/4/2011
61	R Baskaran	TGA	Arul Leo Basin, project assistant, MEPCO, Sivakasi	2100	3/5/2011
62	S. Kailash	Tensile& Compression	L. Boopathi, Professor, Mechancial department, Erode senguntar engineernga college,	1000	10/6/2011
63	K R.Muthukumar	Fallindartes,Impact	A Balan,Factory Manager, Global poly bags	800	22/9/2011
64	K R.Muthukumar	Fallindartes,Impact	A Balan,Factory Manager, Global poly bags	200	23/9/2011
65	S. Kailash	Tensile& Compression	R. Aravinda Losanan,:PSR Engg College	900	4/1/2012
66	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	G. Manikanda Raj, ME(cad/cam) MEPCO	700	14/2/2012
67	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	K.Karhikeyan, ME(cad/cam) MEPCO	800	14/2/2012
68	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	S Vasanth nathan, ME(cad/cam) MEPCO	400	14/2/2012
69	S. Kailash	Tensile	CSuresh kumar, BE(mech), NEC	2100	27/1/2012
70	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	Prasath, Robin gopinath, TS Sabin, NEC	600	1/3/2012
71	S. Kailash	Tensile& Compression, Shear, 3 pointbending test	RENGA PRASATH, BE(Mech), MEPCO	1050	5/3/2012
72	S. Kailash	Tensile& Flexural	s. Subramanian, II year, Engineering, design, AU Madurai.	2000	12/3/2012

73	S. Kailash	Tensile& Flexural	Subash, SIT, Kariapatti	1200	12/3/2012
74	S. Kailash	Tensile& Flexural	M. Albert, Udaya school of Engineering, Kanyakumari	2750	12/3/2012
75	PJeyaraman	FTIR	V Karthikeyan, alliance tyres,tirunelveli	1300	14/3/2012
76	R Baskaran	Chemical equipment	K.selvakumar, GR. Jeevan, SarasewathiNarayanan arts college, Madurai	100	18/2/12

21. Faculty as members in

- a) National committee      b) International Committees      c) Editorial Boards...

Sl.No.	Name	MEMBERSHIP
1.	Dr.S.Gandhi	ISTE
2.	Dr.Dr(mont).C.T. Vijaya Kumar	<ul style="list-style-type: none"> <li>➤ Reviewer for National and International Journals</li> <li>➤ Academic council member at Anna University, Chennai.</li> <li>➤ Member in ISTE</li> </ul>
3	Dr. R. Anbarasan	<ul style="list-style-type: none"> <li>➤ ISTE,</li> <li>➤ Reviewer for National and International Journals</li> </ul>
4.	Dr.S.Vinayagamoorthy	ISTE
5.	Dr. R. Baskaran	ISTE
6.	Mr. A.Murugesan	ISTE
7.	Mr.B.Rajkumar	ISTE
8.	Mr.P.Jeyaraman	ISTE
9.	Mr.S.Kailash	ISTE
10.	Mr.S.Sivakumaravel	ISTE
11.	Mr.K.Agathian	ISTE
12.	Mrs.M.Jeyapriya	ISTE

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme -

- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies -

S.No.	Batch	Inhouse project (%)	Outside the Institution
1	2010-2014	21.95	78.04
2	2009-2013	54.16	45.8
3	2008-2012	47.05	52.9
4	2007-2011	44.4	55.5
5	2006-2010	55.5	44.4
6	2005-2009	45.4	54.54

23. Awards / Recognitions received by faculty and students

Sl. No.	Staff Name	Year	Award	Innovation Award from
1	Dr.R.Baskaran	2012	Best Researcher Award (Gold trophy)	PlastIndia Foundation, Mumbai
2	Dr.S.Gandhi	2012	Best Researcher Award (Silver trophy)	PlastIndia Foundation, Mumbai
3	Mr.K.Muthukumar	2012	Young Scientist fellowship	Tamilnadu State government of science and Technology
4	Mr.S.Kailash	2013	Young Scientist Fellowship	Tamilnadu State government of science and Technology
5	MS.M.Jeyapriya	2014	Young Scientist Fellowship	Tamilnadu State government of science and Technology

Sl. No.	Student Name	Year	Award	Innovation Award from
1	P.Anand	2009	Cash Prize 25,000	PlastIndia Foundation, Mumbai
2	A.Sundaresan	2009	Cash Prize 25,000	PlastIndia Foundation, Mumbai
3	S.Sankar raman	2009	Cash Prize 25,000	PlastIndia Foundation, Mumbai
4	T.Jenifier	2009	Cash Prize 25,000	PlastIndia Foundation, Mumbai

## University Rank

S.No.	Batch	Rank	Name of the student
1	2009-13	I	S.Rajeev varsha
2	2008-12	I	K.Nagendraprasth
3	2007-11	I	A.Sundarasan
4	2006-10	I	V.Sankar raman
5	2006-10	II	N.Ramalakshmi
6	2004-08	I	M.Subbashree

## 24. List of eminent academicians and scientists / visitors to the department

Sl. No.	VISITORS NAME	COLLEGE
1	Dr.D.Ponraj,	Scientist – “G” Head, Physico Chemistry Dept., Safety Engineering Division, Indira Gandhi Centre for Atomic Research (IGCAR) Kalpakkam -603 102.
2	Dr.V.Manikandan,	Principal, S.Veerasamy Chettiar College of Engineering and Technology, Puliangadi, Tirunelveli
3	Mr.K.Ravichandran	CAD/CAE incharge, CIPET, Madurai
4	Dr.Sreejith Valiavalappil	Scientist Laird Technologies Bangalore
5	Prof. Chen	National Taiwan University, Twiwan
6	Dr.C.Sivakumar	Scientist, CECRI, Karikudi
7	Dr.P.Sakthivel	Reader, Nano Technology Centre, Alagappa University, Karikudi

## 25. Seminars/ Conferences/Workshops organized & the source of funding

### a) National – Refer Criterion I (list out in table format)

S.No.	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	Recent Trends In Rubber Technology (RTRT'08)	KCET	23.01.2008	
2	Film – Manufacturing Techniques and Testing	KCET	30.01.2008	
3	Composites materials, processing and application	KCET	06.02.2008	
4	Recent Trends in Polymers (RTP'08)	KCET	21.02.2008	
5	Waste Management & Recycling	KCET	29.02.2008	
6	Master batches and Compounding	KCET	04.03.2008	

7	Emerging Trends in Polymer Technology	CSIR, New Delhi	21.03.2008	
8	Master batches and Compounding	KCET	04.03.2008	
9	Emerging Trends in Polymer Technology	CSIR	21.03.2008	
10	Know yourself and Mold yourself	KCET	29.09.2008	
11	Current Trends in Advanced Polymer composite	DRDO	04.12.2008	05.12.2008
12	Frontier in polymer science and Technology	DST & CSIR	08.01.2009	09.01.2009
13	One day Workshop on Nano Science and Technology	KCET	25.03.2009	
14	National level workshop on "Recent trends in Composites – 09"	KCET	02.09.2009	
15	one day workshop on "PLASMA MEET – 09"	KCET	25.09.2009	
16	One day Workshop on recent Trends in Rubber Technology	KCET	07.10.2009	
17	Entrepreneurship development programme	KCET	04.02.2010	
18	One day workshop on polycosmos '10	KCET	06.10.2010	
19	One day workshop on polychem '11	KCET	28.01.2011	
20	Recent Trends in Nano Technology'11	CSIR	11.03.2011	
21	One day workshop on polycosmos '11	KCET	11.10.2011	
22	Application of Irradiation Techniques in Science, Engineering & Medicals field	BRNS	29.02.2012	
23	One day workshop on polycosmos '12	KCET	09.11.2012	
24	One day workshop on polycosmos '13	KCET	09.10.2013	
25	Dendronz	KCET	19.03.2014	

Number of Conference: 6

Number of Workshop: 14

Number of Seminar: 5

b) International - Nil

26. Student profile programme/course wise:

Name of the Course/Programme (refer question no.4)	Applications received		Selected	Enrolled		Pass Percentage
	Management	Govt.		*M	*F	
B.Tech(PT) 2008-2009	7	21	28	24	4	57.14
B.Tech(PT) 2009-2010	24	22	46	32	14	78.26
B.Tech(PT) 2010-2011	10	31	41	34	7	63.41
B.Tech(PT) 2011-2012	14	37	51	46	5	-
B.Tech(PT) 2012-2013	3	32	35	32	3	-
B.Tech(PT) 2013-2014	5	40	45	36	9	-

\*M = Male \*F = Female

27. Diversity of Students

Name of the Course	Batch	% of students from the same state	% of students from other States	% of students from abroad
UG	2008-09	100	100	-
	2009-10	93.47	6.53	-
	2010-11	95.12	4.87	
	2011-12	100	-	-
	2012-13	97.14	2.857	
	2013-14	100	--	
PG	2009-10	100		
	2010-11	100		
	2011-12	100		
	2012-13	100		
	2013-14	50	50	

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? (List out the details)

S.No.	Name of the Student	Year	Exam
1	T.Gangaiarasi	2014	Gate
2	P.Anand	2014	Gate
3	S.Sankar raman	2010	Gate
4	S.Karthick raja	2010	Gate
5	Sooraj Kannu pillai	2013	TANCET
6	Jannani	2012	TANCET
7	Diviya	2012	TANCET
8	Alex Norman	2010	TANCET

29. Student progression

Student progression	Against % enrolled					
UG to PG	2005-09	2006-10	2007-11	2008-12	2009-13	2010-2014
	13	14.8	12.5	12.5	4.3	
PG to M.Phil.	-					
PG to Ph.D.	5.5	3.7				
Ph.D. to Post-Doctoral	-					
<b>Employed</b>	2005-09	2006-10	2007-11	2008-12	2009-13	2010-14
• Campus selection	21	12	19	20	29	12
• Other than campus recruitment	4	11	01	04	16	12
Entrepreneurship/Self-employment	NIL					

30. Details of Infrastructural facilities

a) Department Library

- Library contains more than 500 books to enrich the knowledge of students.
- B.Tech and M.Tech project reports and University Question Bank are available in the department library

b) Internet facilities for Staff & Students

21 Mbps speed Leased Line Internet facility for both staff and students

c) Class rooms with ICT facility

Internet access facility is available in all the classrooms.

Wi-Fi facility is available in around the block.

- d) Laboratories  
 Polymer Chemistry Lab  
 Polymer Preparation Lab  
 Polymer testing lab  
 Polymer Preparation Lab

31. Number of students receiving financial assistance from college, university, government or other agencies

Scholarship / Name of the category	2008-2009	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
General (PT)	-	-	02	01	-	1
College Unjha Fund (PT)	-	-	01	01	-	-
State Government (over all college students)	369	449	344	358	376	199
Sports	7	12	8	9	-	-

32. Details on student enrichment programmes (Special Lectures / Workshops / Seminar) with external experts

Name of the Programme	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Special Lecture	8	4	3	1	-
Workshops	4	3	1	1	2
Seminar	-	-	-	-	

33. Teaching methods adopted to improve student learning

- Separate Coaching is given for weak students
- Conducting retest and special classes.
- Extra classes for slow learners.
- Mock interview for final year students

34. Participation in Institutional Social Responsibility (ISR) and Extension activities.

- Rotaract Club, YRC, NSS, NCC
- Open house is conducted for school and polytechnic students to create the awareness about polymers

35. SWOC analysis of the department and Future plans

**Strengths**

- The laboratories are well equipped and available for students to do their experiments as well as their projects.
- Cooperative and supportive staff members.
- Innovative Project Cell in the department provides opportunities for the students to come out with their creative ideas.
- 90% of faculty are pursuing their PhD and involve themselves in their respective research area.
- Students carry out their projects meticulously. With the guidance from faculty they prepare and present technical papers in conferences.
- Research projects by external funding agencies
- Excellent Placement record
- Industrial consultancy work

**Weakness**

- Lack of awareness about polymer

**Future Plan**

- Training the students for Placement opportunities in both software and various core industries.
- Good academic performance
- To promote the research Increase the in take

## Department of Chemistry

1. Name of the department: **CHEMISTRY**
2. Year of Establishment: 1998
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) Ph.D.
4. Names of Interdisciplinary courses and the departments / units involved: NIL
5. Annual/ semester/choice based credit system (programme wise): NIL
6. Participation of the department in the courses offered by other departments

S. No.	Name	Department / Program	Nature of work
1.	Environmental Science and Engineering	Computer Science and Engineering	Theory
2.	Environmental Science and Engineering	Information Technology	Theory
3.	Environmental Science and Engineering	Electrical and Electronics Engineering	Theory
4.	Environmental Science and Engineering	Electronics and Instrumentation Engineering	Theory
5.	Environmental Science and Engineering	Mechanical Engineering	Theory
6.	Environmental Science and Engineering	Electronics and Communication Engineering	Theory

7. Courses in collaboration with other universities, industries, foreign institutions, etc.- NIL
8. Details of courses/programmes discontinued (if any) with reasons - Nil
9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	-	-	-	-
Associate Professors	-	-	2	-
Asst. Professors	-	-	6	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualifi-cation	Desig-nation	Specialization	Years of Experience
1.	Dr.T. Dhanalakshmi	M.Sc., M.Phil., Ph.D.	Associate Professor	Inorganic chemistry	3 years 5 months
2.	Dr. K. Rajakumar	M.Sc., Ph.D.	Associate Professor	Polymer Chemistry	5 years
3	Mrs. S. Luna Eunice	M.Sc., M.Phil., (Ph.D.)	Assistant Professor	Polymer Chemistry	17 years 3 months
4.	Mr. A. R. Sivakumar	M.Sc., M.Phil., (Ph.D.)	Assistant Professor	Physical Chemistry	10 years 11 months
5.	Mrs. J. Dhanalakshmi	M.Sc., M.Phil., (Ph.D.)	Assistant Professor	Polymer Chemistry	8 years 11 months
6.	Mrs.S. Shamim Rishwana	M.Sc., M.Phil., (Ph.D.)	Assistant Professor	Polymer Chemistry	6 years 2 months
7.	Ms. M. Sheeba	M.Sc., M.Phil.,	Assistant Professor	Bioorganic chemistry	4 years 8 months
8.	Mr. K. Stephen Joel	M.Sc., M.Phil.,	Assistant Professor	Organic chemistry	4 years 8 months

11. List of senior visiting faculty- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty -Nil

13. Student -Teacher Ratio (programme wise)- NA

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	1	-
Number of Administrative Staff	1	1

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D	P.G
2	6

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- Nil

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - NIL

18. Research Centre /facility recognized by the University – **YES**

19. Publications: (List out the Number of Publications National / International)

National : 1

International : 13

Refer Criterion III : Annexure - II

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards..

Sl. No.	STAFF NAME	MEMBERSHIP
1	Dr.T. Dhanalakshmi	ISTE
2	Dr. K. Rajakumar	ISTE
3	Mrs. S. Luna Eunice	ISTE
4	Mr. A. R. Sivakumar	ISTE
5	Mrs. J. Dhanalakshmi	ISTE
6	Mrs.S. Shamim Rishwana	ISTE
7	Ms. M. Sheeba	ISTE

22. Student projects – NIL

a) Percentage of students who have done in-house projects including inter departmental/programme - NIL

b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - Nil

23. Awards / Recognitions received by faculty and students - NA

24. List of eminent academicians and scientists / visitors to the department- NA

25. Seminars/ Conferences/Workshops organized & the source of funding  
- NIL

- a) National – (list out in table format)  
b) International – Nil

**Details of National/International Journals**

S. No.	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	Page No.	IF
1.	European polymer journal	Int.	S.Vinayaga moorthy	Structural aspects of high temperature thermosets-Bismaleimide/propargyl terminated resin system-polymerization and degradation studies	45	2009	1217-1231	-
2.	European polymer journal	Int.	T.Rajkumar	HET Acid Based Oligoesters – TGA / FTIR Studies	44	2008	1865-1873	-
3.	Journal of Thermal Analysis and Calorimetry	Int.	T.Rajkumar	Thermal Degradation Studies on PMMA-HET Acid Based Oligoesters Blends	100	2010	651-660	-
4.	Journal of Thermal Analysis and Calorimetry	Int.	T.Rajkumar	Synthesis and thermal properties of spiro phosphorus compounds	101	2010	281-287	-
5.	Journal of Thermal Analysis and Calorimetry	Int.	T.Rajkumar	Study of thermal properties of intumescent additive	-	2010	-	-
6.	Journal of Polymers and the Environment	Int.	Dr. K. Rajakumar	Natural Weathering Studies of Polypropylene	17 (3)	2010	191-202	-
7.	Journal of Applied Polymer Science	Int.	Dr. K. Rajakumar	Effect of Iron Carboxylates on the Photodegradability of Polypropylene. I. Natural Weathering Studies	118	2010	2602-2612	-
8.	Plastic and polymer technology	Int.	Dr. K. Rajakumar	Development of photodegradable environment friendly polypropylene films	2 (1)	2013	22	-
9.	Journal of Thermal Analysis and Calorimetry	Int	Dr. K. Rajakumar	Synthesis and Thermal Studies of Bisphenol-A based Bismaleimide – Effect of Nanoclays	103	2012	6093-6099	

10.	Archives of applied science research	Int.	J.Dhanalakshmi	Crystal growth, comparison of vibrational and Thermal properties of semi organic nonlinear optical materials	1(2)	2009	81-85	-
11.	High performance polymers	Int.	J.Dhanalakshmi	High temperature matrix resins based on bispropargyl ether – part 1: effects of copper salts on the thermal polymerization of bis propargylether of bisphenol-A and thermal stability of these polymers.	25	2012	416-426	-
12.	Indian Journal of Fibre and textile research	Nat.	V. Kohila and T. Dhanalakshmi	Synthesis and spectral characterizations of poly(congored) grafted silk fibre — A kinetic approach2	39	2014	172-179	
13.	Designed monomers and polymers	Int.	S. Shamim Rishwana	Structurally diverse benzoxazines: Synthesis, polymerization and Thermal stability	17-1	2014	47-57	
14.	High performance polymers	Int.	J.Dhanalakshmi	High temperature matrix resins based on bispropargyl ether – part 2: Curing kinetics of Structurally diverse BPEs and their blends with bismaleimides		2014	Online	

26. Student profile programme/course wise: NA

27. Diversity of Students - NA

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? (List out the details) NIL

29. Student progression - NA

30. Details of Infrastructural facilities

a) Department Library

Library contains more than 100 chemistry books to enrich the knowledge of students.

b) Internet facilities for Staff & Students

21 Mbps speed Leased Line Internet facility for both staff and students

c) Laboratories: Lab is for First year engineering students.  
UV-VIS Spectrometer, Flame Photometer, pH meter, conductivity meter and potentiometer are present.

31. Number of students receiving financial assistance from college, university, government or other agencies - NA
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts - NA
33. Teaching methods adopted to improve student learning
  3. Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
  4. Interested students are given classroom seminars on technical topics.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities.  
Open house
35. SWOC analysis of the department and Future plans -  
**Strength:**
  - Excellent Academic Performance.
  - Qualified faculty members.
  - Excellent Infrastructure facilities**Weakness:**
  - Department-level entrepreneurship development initiatives
  - Need to get consultancy**Opportunities:**
  - Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop**Challenges:**
  - Unlearning hardware kits and software tools which are becoming obsolete and coping with learning new hardware and software tools to cope-up with technological developments**Future Plan:**
  - Research Projects

### Department of English

1. Name of the department: English
2. Year of Establishment: 1998
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) --
4. Names of Interdisciplinary courses and the departments / units involved  
To all Undergraduate course (B.E., B.Tech)
5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester /choice based credit system
6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Language lab	All departments	Practical
2.	Communication Skills Lab	All departments	Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-
8. Details of courses/programmes discontinued (if any) with reasons - Nil
9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	-			
Associate Professors	3			
Asst. Professors	6			

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	Years of Experience
1.	Dr.N.Pratheebea	M.A., M.Phil., Ph.D.	Associate Professor	Indian writing in English	12 years
2.	Dr.N.Sundararajan	M.A., M.Phil., Ph.D.	Associate Professor	Indian writing in English	13 years 5 months
3	Mr.U.S.Ramaswamy	M.A., M.Phil.,	Associate Professor	English Language Teaching	18 years
4.	Mrs.G.Vijayalakshmi	M.A., M.Phil.,	Assistant Professor	English Language Teaching	27 Years
5.	Mrs.R.S.Packiamary	M.A., M.Phil.,	Assistant Professor	English Language Teaching	8 years
6.	Mrs.S.Esther Rani Kerenha Puck	M.A., M.Phil.,	Assistant Professor	Indian writing in English	3 years 5 months
7.	Ms.K.Kalaivani	M.A., M.Phil.,	Assistant Professor	Indian writing in English	3 years 5 months
8.	Mrs.W.Jean Ida Gunaseeli	M.A., M.Phil.,	Assistant Professor	English Language Teaching	2 years 6 months
9.	Ms.K.Shantha Prabha	M.A., M.Phil.,	Assistant Professor	Indian writing in English	6 months

11. List of senior visiting faculty- Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty - Nil

13. Student -Teacher Ratio (programme wise) Not applicable

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	1	1
Number of Administrative Staff	-	-

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D.	P.G.
2	7

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received- Nil
17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - NIL
18. Research Centre /facility recognized by the University –Not yet
19. Publications: (List out the Number of Publications National / International) Refer Criterion III
20. Areas of consultancy and income generated: Nil
21. Faculty as members in  
a) National committees b) International Committees c) Editorial Boards..

Sl.No.	STAFF NAME	MEMBERSHIP
1	Dr.N.Pratheeba	ISTE,ELTAI
2	Dr.N.Sundararajan	ISTE
3	Mr.U.S.Ramaswamy	ISTE
4	Mrs.G.Vijayalakshmi	ISTE
5	Mrs.R.S.Packiamary	ISTE
6	Mrs.S.Esther Rani Kerenha Puck	ISTE
7	Ms.K.Kalaivani	ISTE
8	Mrs.W.Jean Ida Gunaseeli	ISTE

22. Student projects

- a) Percentage of students who have done in-house projects including inter departmental/programme -NIL
- b) Percentage of students placed for projects in organizations outside the institution i.e.in Research laboratories/Industry/ other agencies - Nil

23. Awards / Recognitions received by faculty and students  
Nil

24. List of eminent academicians and scientists / visitors to the department

Sl. No.	VISITORS NAME	COLLEGE
1.	Dr.Albert p. Rayon	Indian Express Columnist
2.	Dr.Elango	Vivekanandha College, Thiruvengadam
3.	Dr.R.Joseph ponnaiah	NIT,Trichy
4.	Dr.V.Sathiyaraj	NIT,Trichy
5.	Dr.K.Sathiyasai	Government College,Karaikudi
6.	Dr.V.Jeyanthi	Anna University, Tirunelveli
7.	Dr.P.Kalaiselvi	Meenakshi College Madurai

25. Seminars/ Conferences/Workshops organized & the source of funding

S.No.	Particulars	National	International	Source of Fund
01	Conference	1	-	KCET
02	Workshops	1	-	KCET

26. Student profile programme/course wise: not applicable

27. Diversity of Students Not applicable

Name of the Course	% of students from the same state	% of students from other States	% of students from abroad

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? (List out the details) not applicable

29. Student progression: not applicable

30. Details of Infrastructural facilities

a) Department Library

- Library contains more than 100 books to enrich the knowledge of students.
- The department Library has a reading hall

b) Internet facilities for Staff & Students  
21 Mbps speed Leased Line Internet facility for both staff and students

c) Class rooms with ICT facility  
Internet access facility is available in all the classrooms.  
Wi-Fi facility is available in around the block.

d) Laboratories  
**I) English language LAB**  
**II) Communication Skills Lab**

31. Number of students receiving financial assistance from college, university, government or other agencies  
Not applicable
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts

Name of the Programme	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Special Lecture	-	-	-	-	-
Workshops	-	1	1	-	-
Seminar	-	-	-	-	-

33. Teaching methods adopted to improve student learning
5. Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
  6. Interested students are given classroom seminars on technical topics.
  7. To eliminate fear on Interview Process, mock interviews are conducted.
  8. Students are trained through various soft-skills programmes.
  9. ICT enabled teaching is given to all the students.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities.  
Open house
35. SWOC analysis of the department and Future plans  
**Strength:**
- Excellent Academic Performance.
  - Qualified faculty members.
  - Excellent Infrastructure facilities

**Weakness:**

- Department-level entrepreneurship development initiatives
- Need to get consultancy

**Opportunities:**

- Members of Faculty are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop

**Challenges:**

- Learning to operate new software tools in English Language Teaching.

**Future Plan:**

- Getting Research Projects

## Department of Maths

1. Name of the department : **Mathematics**
2. Year of Establishment : **Nil**
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)  
**Not Applicable**
4. Names of Interdisciplinary courses and the departments / units involved
  - Mathematics
  - Computer Science and Engineering
  - Chemistry
  - English**Not applicable**
5. Annual/ semester/choice based credit system (programme wise)  
UG & PG – semester /choice based credit system  
  
**Not applicable**
6. Participation of the department in the courses offered by other departments

S. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1.	Numerical Methods	ECE&CSE(VI sem) PT(Vsem)	Theory
2.	Probability and Queueing theory	CSE,IT(IV sem)	Theory
3.	Random Processes	ECE(IV sem)	Theory
4.	Probability and Statistics	PT,BT(IV sem)	Theory
5.	Discrete Mathematics	CSE(V sem)	Theory
6.	Transforms and P.D.E	All Branches	Theory
7.	Mathematics-I	All Branches	Theory
8.	Mathematics-II	All Branches	Theory
9.	Applied Mathematics for Communication Engineers	ECE(CN)	Theory
10.	Applied Mathematics for Electrical Engineers	EEE(PSE)	Theory

11.	Applied Probability and statistics	MECH(ME)	Theory
12.	Advanced applied Mathematics	CIVIL(Struct)	Theory
13.	Applied Statistics for Biotechnologists	BT(M.Tech)	Theory
14.	Applied Probability and statistics	IT- Biometric & cyber security	Theory
15.	Applied probability and statistics	CSE	Theory
16.	Trigonometry, Algebra & calculus	System Software	Theory

7. Courses in collaboration with other universities, industries, foreign institutions, etc.-  
**Not applicable**

8. Details of courses/programmes discontinued (if any) with reasons - **Nil**

9. Number of teaching posts

	Sanctioned		Filled	
	UG	PG	UG	PG
Professors	-	-	-	-
Associate Professors	-	-	4	-
Asst. Professors	-	-	15	-

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. etc.,)

Name	Qualification	Designation	Specialization	No. of years of Experience	No. of students guided for the last 4 years
Dr.K.Thanalakshmi	M.Sc., M.Phil., Ph.D.	Associate Professor	Topology	15 Yrs 3 months	Nil
Dr.D.Umadevi	M.Sc., M.Phil., Ph.D.	Associate Professor	Lattice theory, Rough sets	1 Yrs 6 Months	Nil
Dr.N.Kamatchi	M.Sc., M.Phil. Ph.D	Associate Professor	Graph theory, Real Analysis	5 Yrs 3 months	Nil
Dr.A.Maheswari	M.Sc., M.Phil.P	Associate Professor	Graph theory	14 Yrs	Nil

	h.D				
Mrs.N.Sugantha meena	M.Sc., M.Phil.	Assistant Professor	Graph theory	13 Yrs	Nil
Mrs.N.Nagajothi	M.Sc., M.Phil.	Assistant Professor	Graph theory	11 Yrs 6 months	Nil
Mrs.M.Geetha	M.Sc., M.Phil.	Assistant Professor	Graph theory	6 Yrs 6 months	Nil
Mr.P.Pandiaraj	M.Sc., M.Phil.	Assistant Professor	Graph theory, Differentaial Equations	5 Yrs 1 month	Nil
Mr.K.M.Sathishkumar	M.Sc., M.Phil.	Assistant Professor	Operations Research	6 Yrs 5 months	Nil
Mrs.C.Revathy	M.Sc., M.Phil.	Assistant Professor	Graph theory	4 Yrs	Nil
Ms.P.Mareeswari	M.Sc., M.Phil.	Assistant Professor	Graph theory	4 Yrs	Nil
Mrs.K.Ananthi	M.Sc., M.Phil.	Assistant Professor	Graph theory	4 Yrs	Nil
Mr.S.Gopinath	M.Sc., M.Phil.	Assistant Professor	Analysis, B set approximation	3 Yrs 1 month	Nil
Mrs.P.Mala	M.Sc., M.Phil.	Assistant Professor	Graph theory	5 Yrs 1 month	Nil
Ms.T.Ganeshwari	M.Sc., M.Phil.	Assistant Professor	Graph theory	10 months	Nil
Mr.M.N.Anandh Sriramsundar	M.Sc., M.Phil.	Assistant Professor	Real Analysis, Operations research	1 Yr 11 months	Nil
Mrs.S.Brindha	M.Sc., M.Phil.	Assistant Professor	Algebra	12 Yrs 10 months	Nil
Mrs.P.Mahalakshmi	M.Sc., M.Phil.	Assistant Professor	Graph theory	9 Yrs 7 months	Nil
Mrs.S.Meenakshi	M.Sc., M.Phil.	Assistant Professor	Linear Algebra	3 Yrs 1month	Nil

11. List of senior visiting faculty- **Nil**

12. Percentage of lectures delivered and practical classes handled (Programme wise)  
by temporary faculty -**Nil**

13. Student -Teacher Ratio (programme wise)  
**Not applicable**

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled  
**Nil**

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D.	P.G.
4	15

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received - **Nil**

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received - **NIL**

18. Research Centre /facility recognized by the University –**Nil**

19. Publications:

S. No.	Name	Title of the paper	Year	Authors	Journal Name	Nat./ Int.	Vol. No.	Issue	Page No.
1.	K.Thanalakshmi	Characterizations of generalized opensets via generalized closure and	2009	K.Thanalakshmi & V.Renuga Devi	J.Adv.Res. Pure Maths	National	1	3	14-22
		Note on delta-semiopen sets	2011	K.Thanalakshmi	International Journal of Mathematical Archieve	International	2	5	740-744
		Characterizations of some generalized open sets	2011	K.Thanalakshmi	International Journal of Mathematical Archieve	International	2	6	982-987
		On Theta- I – open sets and * - extremely disconnected spaces	2012	K.Thanalakshmi, V.Renuga Devi & D.Sivaraj	Kochi.J.Math.,	International	7	4	17-33
2.	D.Umadevi	Algebra of rough sets based on Quasi order	2013	E.K.R. Nagarajan and D.Umadevi	Fundamenta Informaticae	International	126	1	83-101

3.	N.Kamatchi	On the uniqueness of D-vertex magic constant	2013	S.Arumbu' gam , N.Kamatchi & G.R. Vijaya kumar	Discussiones of Mathematicae Graph theory	International	34	2	279-286
4.	A.Maheswari	Some results on vertex equitable labeling	2012	A.Maheswari	Open journal of Discrete Mathematics	International	2		37-51
		3-product cordial labelling	2012	A.Maheswari	SUT Journal of Mathematics	International	48		231-240
		On Mean Labelling of some trees		A.Maheswari	Utitlas Mathematics	International			
		3-product cordial labelling of some graphs on Mathematical Combinatorics	2012	A.Maheswari		International	1		96-105
		Vertex equitable labeling of Transformed Trees	2013	A.Maheswari	Journal of Algorithms and computation	International			
		Vertex Equitable Labeling of Cyclic Snakes and Bistar Graphs	2014	A.Maheswari	JOURNAL OF SCIENTIFIC RESEARCH	International	6	1	79-85

5.	M.Geetha	Solving flowship scheduling problems using a discrete African wild dog algorithm	2013	M.K.Marichelvam and M.Geetha	ICTACT journal on soft computing	International	3	3	555-557
		Solving hybrid flow shop scheduling problems using algorithm	2013	M.K.Marichelvam, T.Parbaharan, Xin-She Yang and M.Geetha	J.Logistics Economics and Globalisation	International	5	1	15-18
6.	P.Mahalakshmi	Odd sum graphs	2013	P.Mahalakshmi S.Arockiaraj	International J.Math.combin	International	4		58-77
		Odd sum labelling of some subdivision graphs		P.Namasivayam P.Mahalakshmi S.Arockiaraj	Kragujevac journal of mathematics	International	38	1	203-222
7.	S.Gopinath	Transient analysis of an M/M/1 queue with a repairable server & multiple vacations	2014		J.Mathematics in Operation Research		6	2	

20. Areas of consultancy and income generated: Nil

21. Faculty as members in

a) National committees

b) International Committees

c) Editorial Boards....

Sl. No.	STAFF NAME	MEMBERSHIP
1	K.Thanalakshmi	ISTE, IMS
2	D.Umadevi	ISTE, ISRS, IRSS
3	A.Maheswari	ISTE
4	N.suganthameena	ISTE
5	N.Nagajothi	ISTE
6	A.Angelgnanamani	ISTE
7	M.Geetha	ISTE
8	P.Pandiaraj	ISTE
9	C.Revathy	ISTE
10	P.Mareeswari	ISTE
11	K.Ananthi	ISTE
12	S.Gopinath	ISTE

22. Student projects Not applicable

23. Awards / Recognitions received by faculty and students Nil

24. List of eminent academicians and scientists / visitors to the department  
Nil

25. Seminars/ Conferences/Workshops organized & the source of funding  
a) National – Nil  
b) International – Nil

26. Student profile programme/course wise:  
Not applicable

27. Diversity of Students  
Not applicable

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? (List out the details) Not applicable

29. Student progression  
Not applicable

30. Details of Infrastructural facilities  
a) Department Library
- Library contains more than 150 books to enrich the knowledge of students.
31. Number of students receiving financial assistance from college, university, government or other agencies  
Not applicable
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts  
Not applicable
33. Teaching methods adopted to improve student learning  
Discussed the problems by forming groups in Tutorial hour  
Interested students are given classroom seminars .
34. Participation in Institutional Social Responsibility (ISR) and Extension activities.  
Not applicable
35. SWOC analysis of the department and Future plans
- Strength:**  
Excellent Academic Performance.  
Qualified faculty members.  
Excellent Infrastructure facilities
- Weakness:**  
Lack of getting Research Projects.
- Opportunities:**  
Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop
- Challenges:**  
To make the students understand the various concepts of Mathematics clearly and to made them successfully apply those concepts in their respective engineering field.
- Future Plan:**  
Motivate students to improve their performance to achieve 100% Pass & get university ranks
- Research Projects

### Department of Physics

1. Name of the department : **Physics**
2. Year of Establishment : 1998
3. Names of Programmes : all UG
4. Names of Interdisciplinary courses and the departments / units involved: nil
5. Annual/ semester/choice based credit system (programme wise)  
UG – semester /choice based credit system
6. Participation of the department in the courses offered by other departments:  
NA
7. Courses in collaboration with other universities, industries, foreign institutions, etc.- NA
8. Details of courses/programmes discontinued (if any) with reasons - NA
9. Number of teaching posts

	Sanctioned	Filled
	UG	UG
Professors	--	---
Associate Professors	--	4
Asst. Professors	--	5

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

Sl. No.	Name	Qualification	Designation	Specialization	Years of Experience
1.	Dr. K. Bala chandrakumar	M.sc., Ph.D	Associate Professor	Spectroscopy, Astrophysics Nanomaterials	8 years 2 Months
2.	Dr. B. Karthikeyan	M.Sc., Ph.D.,	Associate Professor	Spectroscopy, Astrophysics	6 years 4 Months
3	Dr. M. Hema	M.Sc., Ph.D.,	Associate Professor	Solid state Ionics	4 years 2 Months
4.	Dr.A.Yelilarasi	M.Sc., M.Phil., Ph.D.,	Associate Professor	Nanomaterials, nanocomposites	20 years 9 Months

5.	Mrs. M. Shanthi	M.Sc., M.Phil.,	Assistant Professor	Polymer electrolyte	12 years 2 Months
6.	Mr. G. Bharathy	M.Sc., M.Phil.,	Assistant Professor	Nanomaterials	5 years 5 Months
7.	Mr. K. Sakthiraj	M.Sc., M.Phil.,	Assistant Professor	Nanomaterials	6 years 7 Months
8.	Mr.K.M Manikandan	M.Sc., M.Phil.,	Assistant Professor	Polymer electrolyte	6 years 1Months
9.	S.Parani Bamma Nayagi	M.Sc., M.Phil.,	Assistant Professor	Nanomaterials	9 Months

11. List of senior visiting faculty - Nil

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty -Nil

13. Student -Teacher Ratio (programme wise): nil

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

	Sanctioned	Filled
Number of Technical Staff	--	1
Number of Administrative Staff	--	--

15. Qualifications of teaching faculty with Ph.D. / PG.

Ph. D	P.G
4	5

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received-

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received

Dr.A.Yelilarasi (co-investigator) DRDO, Govt. of India, New Delhi

Total grants ---- 510000 (2012-15)

Synthesis of super hydrophobic Cu, Al substrates for opto electronic applications

18. Research Centre /facility recognized by the University :  
Yes, AnnaUniversity,  
Chennai
19. Publications: List out the Number of Publications National / International)  
Refer Criterion III : Annexure – II
20. Areas of consultancy and income generated: Nil
21. Faculty as members in
- National committees
  - International Committees
  - Editorial Boards....

Sl. No.	STAFF NAME	MEMBERSHIP
1.	Dr. K. Balachandrakumar	ISTE
2.	Dr. B. Karthikeyan	ISTE
3.	Dr. M. Hema	ISTE
4.	Dr.A.Yelilarasi	ISTE
5.	Mrs. M. Shanthi	ISTE
6.	Mr. G. Bharathy	ISTE
7.	Mr. K. Sakthiraj	ISTE
8.	Mr.K.M. Manikandan	ISTE

22. Student projects: NA
23. Awards / Recognitions received by faculty :  
**Dr.A.Yelilarasi**  
Best Paper Award in National *Conference on “ recent trends in nano technology”*  
held at polymer technology department ,Kamaraj college of Engineering and Technology  
college Virudhunagar on 11-3-2011
24. List of eminent academicians and scientists / visitors to the department: NA
25. Seminars/ Conferences/Workshops organized & the source of funding
- National – Nil
  - International – Nil
26. Student profile programme/course wise: Nil
27. Diversity of Students: NA
28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defence services, etc.? :NA

29. Student progression: NA
30. Details of Infrastructural facilities
  - a) Department Library
    - Our department library contains more than 300 Physics books .
  - b) Internet facilities for Staff & Students
    - 21 bps speed Leased Line Internet facility for both staff and students
    - Wi-Fi facility is available in around the block.
  - c) Laboratories
 

Well equipped, modernized physics laboratory has been established. Spectrometers, Hall-effect-spectrometer, He-Ne Lasers, Michaelson interferometer, optical polarizer are available for First Year students. High energy ball mill, BOD incubator, pH meters, Microwave generator are also available for Research purposes.
31. Number of students receiving financial assistance from college, university, government or other agencies: NA
32. Details on student enrichment programmes (special lectures / workshops / seminar) with external experts: NA
33. Teaching methods adopted to improve student learning
  - Separate Hour is allocated to teach the students content beyond syllabus for both theory & lab classes.
  - Interested students are given classroom seminars on technical topics.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities. Nil
35. SWOC analysis of the department and Future plans
 

**Strength**

  - Four doctoral degree holders with different areas of specialization guiding PhD scholars.
  - Our department always seeks perfection thereby maintaining discipline among students.
  - Dedicated faculty members working for the uplift of our college.
  - Well qualified teaching faculties with doctoral degree and well equipped physics laboratory.
  - Our faculty have experienced in various institution in teaching.
  - Our faculty have expertise in theoretical as well as experimental research work.
  - Unity among the staff members is the strength of our department.

**Weakness**

  - Organise and conduct guest lecturer /seminars for faculties and students related to physics.
  - Interaction with second, third and final year students with the faculty member is nil.

**Opportunities**

- Our department is one of the research centres in the Anna University, Chennai. It has been providing various research programmes.
- There are many opportunities for BE/B.Tech students projects since physics is the basic subject for all the engineering branches.
- Our department collaborates with other department for the interdisciplinary funded projects.

**Challenging**

- To conduct international conferences, workshops and also get MOU with industries.
- Publication of more number of international journals and implementation of new experiments/innovative ideas which is related to physics.
- Improve the learning skills of weaker students.

***Departments  
Incorporated in  
2014-15***

## Department of Mechatronics Engineering

1. Name of the department: Mechatronics Engineering
2. Year of Establishment: 2014
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :

Programme of Study	Description
UG in Mechatronics	Started with 60 seats in 2014

4. Names of Interdisciplinary courses and the departments/units involved

- Mathematics
- Chemistry
- Physics
- English
- Electrical and Electronics Engineering
- Computer Science and Engineering

5. Annual/ semester/choice based credit system (programme wise):  
UG Semester /choice based

6. Participation of the department in the courses offered by other departments  
NIL

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
NIL

8. Details of courses/programmes discontinued (if any) with reasons:  
NIL

9. Number of Teaching posts

Cadre	UG	
	Sanctioned	Filled
Professors	-	-
Associate Professors	1	1
Asst. Professors	3	3
Total	4	4

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. Etc.,)

**Academic Year 2014 – 15 (UG)**

S.No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1.	Dr. K. Kannan	M.E., M.E., Ph.D.,	Associate Professor	Industrial Engineering	16 Years	-
2.	Mr. T. Palaniappan	M.E.,	Assistant Professor	Communication Systems	6 Months	-
3.	Mr. S. Alwyn Rajiv	M.E.,	Assistant Professor	Communication Systems	6 Months	-
4.	Ms. R. Beulah Merlin	M.E.,	Assistant Professor	Communication Systems	6 Months	-

11. List of senior visiting faculty: NIL

12. Percentage of lectures delivered and practical classes handled(programme wise) by temporary faculty: NIL

13. Student -Teacher Ratio (programme wise):

Academic Year 2014 – 15 (UG)		
S.No	Year	Students Strength
1.	I	45
Student – Teacher Ratio :		11: 1

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Cadre	Sanctioned	Filled
Administrative staffs	1	0
Supporting staffs (Technical)	1	0
Total	2	0

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

Ph.D	P.G.
1	3

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received : NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received: NIL

18. Research Centre /facility recognized by the University: NIL

19. Publications: NIL

20. Areas of consultancy and income generated: NIL

21. Faculty as members in

a) National committees b) International Committees c) Editorial Boards....

**Membership:**

S.No	Name	Membership
1.	Dr. K. Kannan	ISTE, IETE, BES
2.	Mr. T. Palaniappan	NIL
3.	Mr. S. Alwyn Rajiv	NIL
4.	Ms. R. Beulah Merlin	NIL

22. Student projects :NIL

23. Awards / Recognitions received by faculty and students

Awards	Faculty/Students	Organizations
	NIL	

24. List of eminent academicians and scientists / visitors to the department NIL

25. Seminars/ Conferences/Workshops organized & the source of funding NIL

26. Student profile programme/course wise:

Year	Name of the Course / Programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2014-18	Mechatronics Engineering	45	45	42	03	

\*M = Male \*F = Female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2014-18	Mechatronics Engineering	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.? Nil

29. Student progression: Nil

30. Details of Infrastructural facilities

a) Library

- 150 Books, 53 e-journals

b) Internet facilities for Staff & Students

45 Mbps speed Leased Line Internet facility for both staff and students

c) Class rooms with ICT facility – Yes

d) Laboratories

- CAD LAB
- MECHATRONICS LAB

31. Number of students receiving financial assistance from college, university, government or other agencies  
NIL

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts  
Col's Caliber Training
33. Teaching methods adopted to improve student learning
- Various teaching methodologies like Audio Visual learning using LCD, NPTEL Videos, Chart Diagram, and OHP are adopted.
  - Some lecture hours are allocated to teach topics, which are the contents beyond syllabus.
  - Interested students are given seminars on technical topics.
  - Separate placement hour is allocated to develop the student's aptitude skills, soft skills, and to do technical revision.
34. Participation in Institutional Social Responsibility (ISR) and Extension activities NIL
35. SWOC analysis of the department and Future plans

**Strength:**

- Young, Dynamic and energetic Faculty
- Well Equipped & modern laboratories and Excellent Teaching Learning Environment
- Teacher – Guardian scheme to provide sound technical platform

**Weakness:**

- Lack of funded projects
- Volatility in Market demand

**Opportunities:**

- Organizing international conferences
- To learn and adopt new Technologies

**Challenges:**

- Competition from other universities and colleges are very high
- Training students beyond academics to meet the fluctuating demand in industry

**Future plan:**

- Strengthening Industry Institute Interaction
- To setup state of the art research centre to imparting Training programmes related to new advancement in the field of Mechatronics Engineering.

## Department of Software Systems

1. Name of the department: Software Systems
2. Year of Establishment: 2014
3. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.) :

Programme of Study	Description
Integrated Masters in Software Systems	Started in 2014-15 for an intake of 60

4. Names of Interdisciplinary courses and the departments/units involved

SI. NO.	NAME OF FACULTY / FACILITY	DEPARTMENT / PROGRAM	NATURE OF WORK
1	Trigonometry Algebra and Calculus Analytical Geometry and Real and Complex Partial Differential Equations and Integral Transforms Numerical Methods Discrete Mathematics Operations Research	Maths	Theory Theory Theory Theory Theory Theory & Practical
2	Devices Laboratory	Electrical and Electronics Engineering	Practical
3	Applied Physics	Physics	Theory
4	English – I English – II	English	Theory Theory
5	Digital Principles Digital Laboratory	Electronics and Instrumentation Engineering	Theory Practical

5. Annual/ semester/choice based credit system (programme wise):  
PG / Semester

6. Participation of the department in the courses offered by other departments

Sl. No.	Name of Faculty / Facility	Department / Program	Nature of work
<b>Facility Shared</b>			
1	Fundamentals of Computing Computer Practices Lab –I & II	Department of I year B.E. / B. Tech.	Theory Practical

7. Courses in collaboration with other universities, industries, foreign institutions, etc.:  
NIL

8. Details of courses/programmes discontinued (if any) with reasons:  
NIL

9. Number of Teaching posts

Cadre	PG	
	Sanctioned	Filled
Professors	1	-
Associate Professors	1	1
Assistant Professors	2	3
<b>Total</b>	<b>4</b>	<b>4</b>

10. Faculty profile with name, qualification, designation, specialization, (D.Sc./D.Litt./Ph.D. / M. Phil. Etc.,)  
Academic Year 2014 – 15

Sl.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students guided for the last 4 years
1	Mr.K.Rathinakumar	M.Sc., M.Phil., M.Tech.	Assistant Professor	Computer Science and Engineering	13 Years 5 Months	-
2	Mrs.D.Vijayalakshmi	M.Sc., M.Phil., M.E.	Associate Professor	Computer Science and Engineering	21 Years 7 Months	-
3	Mrs.V.Deepapriya	M.Sc., M.Phil., M.E.	Assistant Professor	Computer Science and Engineering	8 Years 7 Months	-
4	Mrs.S.Athilakshmi	M.Sc., M.Phil., M.E.	Assistant Professor	Computer Science and Engineering	8 Years 6 Months	-

11. List of senior visiting faculty:  
NIL

12. Percentage of lectures delivered and practical classes handled (programme wise) by temporary faculty:

NIL

13. Student -Teacher Ratio (programme wise):

Academic Year 2014 – 15

Sl. No.	Year	Students Strength
1	I	1
Student – Teacher Ratio 1 : 4		

14. Number of academic support staff (technical) and administrative staff; sanctioned and filled

Cadre	Sanctioned	Filled
Administrative staffs	1	1
Supporting staffs (Technical)	1	1
Total	2	2

15. Qualifications of teaching faculty with DSc/ D.Litt/ Ph.D/ MPhil / PG.

M.Phil.	P.G.
4	4

16. Number of faculty with ongoing projects from a) National b) International funding agencies and grants received :

NIL

17. Departmental projects funded by DST - FIST; UGC, DBT, ICSSR, etc. and total grants received:

NIL

18. Research Centre /facility recognized by the University:

NIL

19. Publications:

Sl. No.	Name of the faculty with Co-Authors	Title of the Paper	Title of the Conference	Date & Venue of Conference	Sponsored by, if any
1	Mr.K.RathinaKumar	Wavelet Based Image Denoising	National conference on Data science and Engineering	Aug 8 & 9 S.T.Hindu College, Nagercoil.	UGC

20. Areas of consultancy and income generated:

NIL

21. Faculty as members in Membership:

Sl.No	Name	Membership	
1	Mr.K.Rathinakumar	ISTE	2001
2	Mrs.D.vijayalakshmi	ISTE	2001
3	Mrs.V.Deepapriya	ISTE	2007
4	Mrs.S.Athilakshmi	ISTE	2007

22. Student projects :

NIL

23. Awards / Recognitions received by faculty and students

Awards	Faculty/Students	Organizations
University Rank in M.Sc. (CS &IT)	Mrs.V.Deepapriya / Faculty	Madurai Kamaraj University

24. List of eminent academicians and scientists / visitors to the department :

NIL

25.Seminars / Conferences / Workshops organized & the source of funding :

NIL

26. Student profile programme /course wise:

Year	Name of the Course / Programme (refer question no. 4)	Applications received	Selected	Enrolled		Pass percentage
				*M	*F	
2014-19	Software Systems	-	1	1	-	

\*M = Male \*F = Female

27. Diversity of Students

Year	Name of the Course	% of students from the same state	% of students from other States	% of students from abroad
2014-19	SS	100	-	-

28. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil services, Defense services, etc.?

NIL

29. Student progression :

NIL

30. Details of Infrastructural facilities

a) Library

- 150 Books, 12 e-journals

b) Internet facilities for Staff & Students

45 Mbps speed Leased Line Internet facility for both staff and students

c) Class rooms with ICT facility – Yes

d) Laboratories

- Software Lab

31. Number of students receiving financial assistance from college, university, government or other agencies :

Nil

32. Details on student enrichment programmes (special lectures / workshops /seminar) with external experts :

Col's Caliber Training

33. Teaching methods adopted to improve student learning

- Various teaching methodologies like Audio Visual learning using LCD, NPTEL Videos, Chart Diagram, and OHP are adopted.
- Some lecture hours are allocated to teach topics, which are the contents beyond syllabus.
- Interested students are given seminars on technical topics.
- Separate placement hour is allocated to develop the student's aptitude skills, soft skills, and to do technical revision.

34. Participation in Institutional Social Responsibility (ISR) and Extension activities :  
NIL

35. SWOC analysis of the department and Future plans

**Strength:**

- Young, Dynamic and energetic Faculty
- Well Equipped and modern laboratories
- Excellent Teaching Learning Environment
- Adequate modern teaching aids
- Provide sound technical platform

**Weakness:**

- Lack of funded projects
- Volatility in Market demand

**Opportunities:**

- Autonomy in curriculum development
- To learn and adopt new Technologies

**Challenges:**

- Competition from other universities and colleges are very high
- Training students beyond academics
- Fluctuating demand in industry

**Future plan:**

- Strengthening Industry Institute Interaction
- Imparting Training programmes related to new advancement in the field of Computer Science and engineering.
- To setup state of the art research centre in software engineering

# **ANNEXURES**

### CRITERION I : CURRICULAR ASPECTS

#### **Criterion I : Annexure – I** (Refers to 1.2.3)

#### Enrichment Courses:

Sl. No.	Date	Batch	Organization	Topic
1.	29 <sup>th</sup> .06.2009 to 01 <sup>st</sup> .07.2009	2010 Batch Final Year Students	Dr.Sekar	Aptitude Coaching
2.	03 <sup>rd</sup> & 04 <sup>th</sup> .08.2009	III Year	M/s. MAFOI Academy, Chennai	Interview Facing Skills
3.	03 <sup>rd</sup> to 05 <sup>th</sup> .09.2009	2011 Batch III Year	Sunne Therapan, “FEEL Employable”. Mangalore	Learning and Development Intervention
4.	13.09.2010	All Final Year Students 2011 Batch	Shri.N.Sivasubamian, Senior Scientist, CGM(Rtd), ISRO, Thiruvananthapuram	Guest Lecture
5.	22 <sup>nd</sup> & 23 <sup>rd</sup> .10.2010	All Final Year Students 2011 Batch	R.S.Tech, Madurai	Personality Development
6.	08 <sup>th</sup> to 11 <sup>th</sup> . 11. 2010	2011 Batch Students	Smart Training Resources, Chennai	Aptitude , Attitude, Communication Skills and Soft skills
7.	08 <sup>th</sup> to 11 <sup>th</sup> . 11. 2010	2011 Batch Students	IMS, Madurai	Aptitude , Attitude, Communication Skills and Soft skills
8.	12 <sup>th</sup> & 13 <sup>th</sup> . 11. 2010	2011 Batch Students	FRESHER WORLD, Bangalore	Aptitude , Attitude, Communication Skills and Soft skills
9.	15 <sup>th</sup> of November 2010	2011 Batch Students	JAY CEES, Virudhunagar	Aptitude , Attitude, Communication Skills and Soft skills
10.	21 <sup>st</sup> of February 2011	2011 Batch Students	IMS, Madurai	Higher Studies in Abroad University
11.	16 <sup>th</sup> to 20 <sup>th</sup> August 2011	2012 Batch Students	Smart Training Resources, Chennai	Aptitude , Attitude, Communication Skills and Soft skills

12.	02 <sup>nd</sup> & 03 <sup>rd</sup> September 2011	2012 Batch Students	M/s. MAFOI Academy, Chennai	Soft Skills
13.	05 <sup>th</sup> to 14 <sup>th</sup> September 2011	2012 Batch Students	Work Senses	Life Skills
14.	04 <sup>th</sup> to 06 <sup>th</sup> October 2011	2012 Batch Students	Our College Staff	Aptitude, Technical, Group Discussion and HR Interview
15.	07 <sup>th</sup> to 10 <sup>th</sup> October 2011	2012 Batch Students	Smart Training Resources, Chennai	Aptitude , Attitude, Communication Skills and Soft skills
16.	19 <sup>th</sup> & 20 <sup>th</sup> January 2012	2012 Batch Student	Anna University, Chennai	Soft Skills
17.	02 <sup>nd</sup> to 6 <sup>th</sup> March 2012	2013 Batch Students Final Year Students	Work Senses, Chennai	Life Skills
18.	28 <sup>th</sup> March to 01 <sup>st</sup> April 2012	2013 Batch Students Final Year Students	Work Senses, Chennai	Life Skills
19.	11 <sup>th</sup> April to 15 <sup>th</sup> April 2012	2013 Batch Students Final Year Students	Smart Training Resources, Chennai	Aptitude , Attitude, Communication Skills and Soft skills
20.	30 <sup>st</sup> July to 04 <sup>th</sup> August 2012	Second Year Students 2014 Batch	Sunne Therapan, "FEEL Employable". Mangalore	Learning and Development Intervention
21.	03 <sup>rd</sup> August 2012	Campus Connect Program	Roy Antony Arnolod, M/s. Infosys, Chennai	Campus Connect Certificate Issued
22.	04 <sup>th</sup> August 2012	2013 Final Year Mechanical Students	Mr. Karthik, Data Pattern, Chennai	
23.	28 <sup>th</sup> August to 01 <sup>st</sup> September 2012	2013 Batch Student	Smart Training Resources, Chennai	Aptitude , Attitude, Communication Skills and Soft skills
24.	08 <sup>th</sup> , 09 <sup>th</sup> & 15 <sup>th</sup> September 2012	2013 Batch Final Year Students	IMS, Madurai	Aptitude , Attitude, Communication Skills and Soft skills
25.	17 <sup>th</sup> September 2012	2013 Batch Final Year Students	NAC TECH Exam	
26.	01 <sup>st</sup> October to 06 <sup>th</sup> October 2012	Third Year & Second Year Students	Sunne Therapan, "FEEL Employable". Mangalore	Learning and Development Intervention

27.	09 <sup>th</sup> October 2012	2013 Batch Final Year Students	Mock Test from TIME	
28.	13.10.2012	XI & XII School Students	Infosys, Chennai	
29.	01.07.2013 to 11.07.2013	2014 Batch Final Year Students	Smart Training Resources, Chennai	NACTECH
30.		2015 Batch III Year Students	Smart Training Resources, Chennai	Aptitude
31.		2015 Batch III Year Students	Beehive, VNR	Soft skills
32.		2016 Batch II Year Students	Smart Training Resources, Chennai	Linguistic Intelligence
33.		2016 Batch II Year Students	CLHRD, Mangalore	Feel Employable
34.	01.07.2013 to 03.07.2013 Batch II	II Year (2016 Batch)	CLHRD, Mangalore	Soft Skills
	04.07.2013 to 06.07.2013 Batch I			
	01.07.2013 to 05.07.2013 Batch I			
35.	06.07.2013 to 11.07.2013 Batch II	III Year (2015 Batch)	BEEHIVE	Soft Skills
	07.07.2013 holiday			
36.	01.07.2013 to 05.07.2013 Batch II	III Year (2015 Batch)	Smart Training Resources	Aptitude
	06.07.2013 to 11.07.2013 Batch I			
	07.07.2013 holiday			
37.	01.07.2013 to 11.07.2013	IV Year (2014 Batch)	Smart Training Resources	Aptitude + Verbal +Nactech
	06.07.2013 to 11.07.2013 Batch I			
	07.07.2013 holiday			
38.	01.07.2013 to 11.07.2013	IV Year (2014 Batch)	Smart Training Resources	Aptitude + Verbal +Nactech
39.	03.09.2013 to 07.09.2013	IV Year (2014 Batch)	Smart Training Resources	Infosys, L& T Model Questions
40.	16.12.2013 to 19.12.2013	IV Year (2014 Batch) (CSE,ECE,EIE,IT, EEE)	FIND MIND, Coimbatore	CTS Training class

41.	09.04.2014 to 11.04.2014 & 15.04.2014 to 17.04.2014	I Year (2017 Batch)	FIND MIND, Coimbatore	Soft Skills
42.	16.06.2014 to 22.06.2014	IV Year (2015 Batch) (IT, CSE, ECE, EIE, EEE)	FIND MIND, Coimbatore	777 Boot Camp(Soft skills)
43.	23/6/14 to 9/7/14	IV Year (2015 Batch) (ECE,EIE,EEE)	Col's Calibre, Coimbatore	Communicative English
44.	23.06.2014 to 01.08.2014	III Year (2016 Batch)	Axis – V, Chennai	English at ease
45.	30.06.14 to 08.07.14	IV Year (2015 Batch) (CSE)	FIND MIND, Coimbatore	C++ & Data Structure
46.	10/7/14 to 26/7/14	IV Year (2015 Batch) (CSE,IT,BT)	Col's Calibre, Coimbatore	Communicative English
47.	12.07.14 to 20.07.14	IV Year (2015 Batch) (ECE)	FIND MIND, Coimbatore	C++ & Data Structure
48.	27.07.14 to 04.08.14	IV Year (2015 Batch) (IT)	FIND MIND, Coimbatore	C++ & Data Structure
49.	28/7/14 to 13/8/14	IV Year (2015 Batch) (MECH,CIVIL,PT)	Col's Calibre, Coimbatore	Communicative English
50.	08.08.14 to 16.08.14	IV Year (2015 Batch) (EIE, EEE)	FIND MIND, Coimbatore	C++ & Data Structure
51.	18/08/2014 to 23/08/2014, 25/08/2014 to 28/08/2014, 01/09/2014 to 05/09/2014 08/09/2014 to 13/09/2014, 15/09/2014 to 20/09/2014, 22/09/2014 to 24/09/2014 25/09/014 to 27/09/2014, 29/09/2014 to 01/10/2014, 06/10/2014 to 11/10/2014, 13/10/2014 to 15/10/2014	I Year (2018 Batch) (CSE-A; CSE-B, ECE-A; ECE-B; EIE)  I Year (2018 Batch) (EEE-A; EEE-B; MECH-A; MECH-B; MECHATR)  I Year (2018 Batch) (CIVIL-A; CIVIL-B; BT; PT; IT)	Col's Calibre, Coimbatore	Communicative English

INFOSYS focused training for Final Year (2015 Batch)				
52.	09.08.2014	IV Year (2015 Batch) (CSE, ECE, IT, BT& PG)	TDP Cell, KCET	Sentence Completion & Error Spotting
53.	21.08.2014	IV Year (2015 Batch) (CSE-B, ECE-A, IT, EEE, BT, CIVIL)	TDP Cell, KCET	INFOSYS Focused Reasoning Training
54.	22.08.2014	IV Year (2015 Batch) (CSE-A, ECE-B, EIE, Mech, PT, PG)	TDP Cell, KCET	INFOSYS Focused Reasoning Training
55.	23.08.2014	IV Year (2015 Batch) (EEE, Mech, PT & BT, EIE, Civil) IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & IT, ECE-B & PG)	TDP Cell, KCET	Sentence Completion & Error Spotting Reading Comprehension, Jumbled sentences
56.	28.08.2014	IV Year (2015 Batch) (CSE-B, ECE-A, IT, EEE, BT, CIVIL)	TDP Cell, KCET	Data Sufficiency & Syllogism
57.	30.08.2014	IV Year (2015 Batch) (Mech, CIVIL, PT, BT)	Mr.S.Ramasamy, ASP/Eng, Ms.K.Kalaivani, AP/Eng	Sentence completion
58.	30.08.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE-B, EIE, EEE, IT)	External Trainers	Jumbled sentences
59.	31.08.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE-B, EIE, EEE, IT, PT, BT)	External Trainers	Jumbled sentences
60.	04.09.2014	IV Year (2015 Batch) (CSE-B, ECE-A, IT, EEE, CIVIL)	TDP Cell, KCET	Blood Relations & Picture Reasoning
61.	05.09.2014	IV Year (2015 Batch) (CSE-A, ECE-B, EIE, Mech, PT, BT)	TDP Cell, KCET	Blood Relations & Picture Reasoning
62.	06.09.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE-B, EIE, EEE, IT, PT, BT, MECH, CIVIL)	Mr.S.Ramasamy, ASP/Eng, Ms.S.Esther rani Kerenhna Puck, AP/Eng & External Trainers	Identifying Theme
63.	07.09.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE-B, EIE, EEE, IT, BT)	External Trainers	Idioms
64.	11.09.2014	IV Year (2015 Batch) (CSE-B, ECE-A, IT, EEE, CIVIL)	External Trainer	Quants

65.	12.09.2014	IV Year (2015 Batch) (CSE-A, ECE-B, EIE, Mech, PT, BT)	External Trainer	Quants
66.	13.09.2014	IV Year (2015 Batch) (PT, BT, MECH, CIVIL)	Mrs.G.Vijayalakshmi, AP/Eng	Sentence Correction
67.	13.09.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE- B, EIE, EEE, IT)	External Trainer	Quants
68.	18.09.2014	IV Year (2015 Batch) (CSE-B, ECE-A, IT, EEE, CIVIL)	External Trainer	Quants
69.	19.09.2014	IV Year (2015 Batch) (CSE-A, ECE-B, EIE, MECH, PT, BT)	External Trainer	Quants
70.	20.09.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE- B, EIE, IT, PT, BT, MECH)	External Trainer	Verbal, Quants & Reasoning
71.	21.09.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE- B, EIE, IT, EEE, MECH)	External Trainer	Verbal, Quants & Reasoning
72.	25.09.2014	IV Year (2015 Batch) (CSE –B, ECE-A & ECE-B, IT, EEE)	External Trainer	Verbal
73.	26.09.2014	IV Year (2015 Batch) (CSE –A, EIE, MECH, PT, BT)	External Trainer	Verbal
74.	27.09.2014	IV Year (2015 Batch) (CSE –A & CSE-B, ECE-A & ECE- B, EIE, IT, PT, MECH)	External Trainer	Verbal, Quants & Reasoning

## CRITERION II : TEACHING – LEARNING AND EVALUATION

### *Criterion II : Annexure – I* (Refers to 2.4.1)

CSE

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.		3					3
M.Phil.							
PG			1		9	23	33

ECE

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	1	1	1	1			4
M.Phil.							
PG			-	1	11	17	29

EIE

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	1						1
M.Phil.							
PG					5	9	14

PT

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	5		1				6
M.Phil.			1		5	2	8
PG							

IT

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.			1				1
M.Phil.							
PG					3	10	13

EEE

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.		2	1	1			4
M.Phil.							
PG				1	9	14	24

BT

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	2	2	1				5
M.Phil.							
PG					5	8	13

MECHANICAL

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	1	1	2				4
M.Phil.							
PG			3	-	12	2	17

## CIVIL

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	1	1					2
M.Phil.							
PG	1				11	10	22

## PHYSICS

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.			2	2			4
M.Phil.					2	3	5
PG							

## CHEMISTRY

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.			1	1			2
M.Phil.					2	4	6
PG							

## MATHS

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.			1	3			4
M.Phil.			1		4	12	17
PG							
PG							

ENGLISH

Highest qualification	Professor		Associate Professor		Assistant Professor		Total
	Male	Female	Male	Female	Male	Female	
Permanent Teachers							
D.Sc./D.Litt							
Ph.D.	1	1	1				3
M.Phil.			1			6	7
PG							

**Criterion II : Annexure – II** (Refers to 2.4.3 - a)

CSE

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	18	-	-	-	-
HRD programmes	14	-	4	-	-
Orientation programmes	-	16	3	-	-
Staff training conducted by the university	6	-	-	-	3
Staff training conducted by other institutions	5	10	7	2	3
Summer / winter schools, workshops, etc.	17	16	14	9	12

ECE

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	26	-	-	-	-
HRD programmes	20		7	-	-
Orientation programmes	-	6	-	-	-
Staff training conducted by the university	6	-	-	-	-
Staff training conducted by other institutions	24	5	5	5	8
Summer / winter schools, workshops, etc.	3	3	5	-	2

## EIE

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	11	-	-	-	-
HRD programmes	13	-	-	-	-
Orientation programmes	-	-	-	-	-
Staff training conducted by the university	1	1	-	3	7
Staff training conducted by other institutions	-	1	1	3	5
Summer / winter schools, workshops, etc.	2	8	6	3	4

## PT

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	10	-	-	-	-
HRD programmes	11	-	-	-	6
Orientation programmes	-	-	-	-	-
Staff training conducted by the university	-	-	-	-	-
Staff training conducted by other institutions	4	2	3	3	3
Summer / winter schools, workshops, etc.	7	9	8	3	6

## IT

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	13		-	-	-
HRD programmes	11	1	-	-	-
Orientation programmes	-	-	-	-	-
Staff training conducted by the university	11	2	6	1	4
Staff training conducted by other institutions	-	-	-	-	-
Summer / winter schools, workshops, etc.	7	5	7	8	3

## EEE

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	25	-	-	-	-
HRD programmes	12	-	-	-	-
Orientation programmes	-	6	5	1	1
Staff training conducted by the university	21	-	-	-	-
Staff training conducted by other institutions	10	7	11	5	4
Summer / winter schools, workshops, etc.	5	6	8	4	2

## BT

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	15	-	-	-	-
HRD programmes	15	-	-	-	-
Orientation programmes	-	-	-	-	-
Staff training conducted by the university	-	5	-	-	-
Staff training conducted by other institutions	1	2	-	2	9
Summer / winter schools, workshops, etc.	1	3	4	5	4

## MECHANICAL

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	15	-	-	-	-
HRD programmes	13	-	8	-	-
Orientation programmes	-	-	-	-	-
Staff training conducted by the university	-	-	3	1	-
Staff training conducted by other institutions	-	-	-	-	-
Summer / winter schools, workshops, etc.	1	3	4	3	4

## CIVIL

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	11				
HRD programmes	18		4		
Orientation programmes	4				
Staff training conducted by the university					
Staff training conducted by other institutions	4	3		2	
Summer / winter schools, workshops, etc.	8	14	9	7	

## PHYSICS

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	8	-	-	-	-
HRD programmes	10	-	-	-	-
Orientation programmes	-	-	4	-	-
Staff training conducted by the university	1	-	-	-	-
Staff training conducted by other institutions	-	-	-	-	-
Summer / winter schools, workshops, etc.	-	-	-	-	-

## CHEMISTRY

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	7	-	-	-	-
HRD programmes	-	7	-	-	-
Orientation programmes	-	-	3	-	-
Staff training conducted by the university	-	-	-	-	-
Staff training conducted by other institutions	-	-	-	-	-
Summer / winter schools, workshops, etc.	-	-	-	1	-

## MATHEMATICS

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	-	-	-	-	-
HRD programmes	11	-	-	-	-
Orientation programmes	-	-	-	-	-
Staff training conducted by the university	-	-	-	-	-
Staff training conducted by other institutions	4	2	3	2	5
Summer / winter schools, workshops, etc.	27	-	1	3	2

## ENGLISH

Academic Staff Development Programmes	Number of faculty nominated				
	2013-2014	2012-2013	2011-2012	2010-2011	2009-2010
Refresher courses	9				
HRD programmes		9			
Orientation programmes					
Staff training conducted by the university					
Staff training conducted by other institutions					
Summer / winter schools, workshops, etc.					

## CSE

(i) Faculty Development Programmes/Training Programs Organized:

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	Theory of Computation	Dept. of CSE, KCET, Virudhunagar	26-06-2013	29-06-2013 (Except 28-06-2013)
2	Computer Graphics	Dept. of CSE, KCET, Virudhunagar	20-07-2013 (Weekend Only)	26-08-2013

(ii) Faculty Development Programs /Training Programs Attended:

FDP

2013-2014

S.No	Name	Topic	Place	Date	Organized By
1	R.Ramya	Communicative English	Kamaraj College of Engineering and	Dec 2-14,2013	Kamaraj College of Engineering and Technology,

			Technology, Virudhunagar		Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8- 10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
2	T.Manonmani	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2- 14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8- 10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
3	S.T.Veena	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2- 14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
4	S.Priyadharshini	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2- 14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8- 10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Short term training Programme on High Speed Networks	National Engg. College, Kovilpatti	JUNE9th to JUNE 16, 2014	Dept. of CSE, National Engg. College, Kovilpatti
5	K.Muthulakshmi	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2- 14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology,	JULY 8- 10,2013	Kamaraj College of Engineering and Technology, Virudhunagar

			Virudhunagar		
6	S.Arulmary	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Intensive Faculty Development workshop on Networks and Cyber Security	Kamaraj College of Engineering and Technology, Virudhunagar	June 9-13,2014	Kamaraj College of Engineering and Technology, Virudhunagar
7	B.Krishnalakshmi	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Intensive Faculty Development workshop on Networks and Cyber Security	Kamaraj College of Engineering and Technology, Virudhunagar	June 9-13,2014	Kamaraj College of Engineering and Technology, Virudhunagar
8	A.B.Angeline	CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
9	A.Anandh	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar

			Technology, Virudhunagar		Virudhunagar
10	P.Sudhakar	Train the Trainer (TTT) on Mobile Application Development using Android	Prathyusha Institute of Technology and Management	May 1-3, 2014	Infosys Limited
		Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14, 2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10, 2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Advanced Web Technology	C-DAC, Hyderabad	Jan 20 <sup>th</sup> – Jan 30, 2014	C-DAC & Jawaharlal Technological University
11	M.Pradhiba Selvarani	Intensive Faculty Development workshop on Networks and Cyber Security	Kamaraj College of Engineering and Technology, Virudhunagar	June 9-13, 2014	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10, 2013	Kamaraj College of Engineering and Technology, Virudhunagar
12	S.Janani	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14, 2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10, 2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Intensive Faculty Development workshop on Networks and	Kamaraj College of Engineering and Technology,	June 9-13, 2014	Kamaraj College of Engineering and Technology, Virudhunagar

		Cyber Security	Virudhunagar		
		Faculty Enablement Program on Foundation Program 3.1	Mahendra Engineering College, Tiruchengode	July 15-19,2013	Infosys Limited
13	B.MuthuKrishna Vinayagam	Train the Trainer (TTT) on Mobile Application Development using Android	Prathyusha Institute of Technology and Management	May 1-3, 2014	Infosys Limited
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
14	P.Swathika	Intensive Faculty Development workshop on Networks and Cyber Security	Kamaraj College of Engineering and Technology, Virudhunagar	June 9-13,2014	Kamaraj College of Engineering and Technology, Virudhunagar
		Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
15	L.Shanmuga Priya	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
16	G.Srinivasan	Communicative English	Kamaraj College of Engineering and Technology,	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar

			Virudhunagar		
		CLHRD	Kamaraj College of Engineering and Technology, Virudhunagar	JULY 8-10,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Medical Imaging and Informatics	PSG College of Technology, Coimbatore	April 21-28, 2014	Department of Biomedical Engineering
17	R.Muthuselvi	Entrepreneurship	PSG College of Technology, Coimbatore	May 12-23, 2014	PSG-STEP
		Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
18	P.Meha	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
19	V. Sutha Jebakumari	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
20	L.Prabakar	Communicative English	Kamaraj College of Engineering and Technology, Virudhunagar	Dec 2-14,2013	Kamaraj College of Engineering and Technology, Virudhunagar
		Cloud Infrastructure Services	MEPCO Sclenk Engg College	19-24.5.2014	Organized by ICTACT in association with EMC <sup>2</sup>

#### FDP 2012-2013

S.No	Name	Topic	Place	Date	Organized By
1.	P.Swathika	Open Source Software	VSVN Polytechnic college, Virudhunagar	June 12-25,2013	VSVN Polytechnic college, Virudhunagar

		Application of Evolutionary Computing Techniques for satellite Image Processing	Mepco Schlenk Engineering College, Sivakasi	MAY 20-June 2,2013	AICTE
		Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
2.	M.Pradhiba Selvarani	Open Source Software	VSVN Polytechnic college, Virudhunagar	June 12-25,2013	VSVN Polytechnic college, Virudhunagar
		Application of Evolutionary Computing Techniques for satellite Image Processing	Mepco Schlenk Engineering College, Sivakasi	MAY 20-June 2,2013	AICTE
		Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
3.	P.Praveen Kumar	Theory of Computation	National Engineering College, Kovilpatti	June 3-10,2013	Centre for Faculty Development, Anna University, Chennai
		Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
4.	B.Muthukrishna Vinayagam	Theory of Computation	National Engineering College, Kovilpatti	June 3-10,2013	Centre for Faculty Development, Anna University, Chennai
		Theory of Computation	Kamaraj college of	June 26-29, 2013	Department of CSE and IT

			Engineering and Technology, Virudhunagar		
5.	G.Srinivasan	Application of Evolutionary Computing Techniques for satellite Image Processing	Mepco Schlenk Engineering College, Sivakasi	MAY 20-June 2,2013	AICTE
6.	B.Krishnalakshmi	Application of Evolutionary Computing Techniques for satellite Image Processing	Mepco Schlenk Engineering College, Sivakasi	MAY 20-June 2,2013	AICTE
7.	A.Anandh	Faculty Enablement Program	S.R.R.Engineering College, Chennai	March 4-8, 2013	Infosys Limited
		Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
8.	V.Sutha Jebakumari	Applied Soft Computing	Dept of Instrumentation, MIT campus, Anna University	Dec 10-16,2012	Centre for Faculty Development, Anna University, Chennai
		Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
9.	G.Annalakshmi	Research Methodology and Advanced Image Processing Techniques	Manonmaniam Sundaranar University	Dec 17-23,2012	Department of CSE
10	S. Janani	Theory of Computation	Kamaraj college of	June 26-29, 2013	Department of CSE and IT

			Engineering and Technology, Virudhunagar		
11.	S.Arulmary	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
12.	G.Priya	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
13.	L.Shanmuga priya	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
14.	S.T.Veena	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
15.	P.Sudhakar	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
16.	R.Ramya	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT
17.	K.Muthulakshmi	Theory of Computation	Kamaraj college of Engineering and Technology, Virudhunagar	June 26-29, 2013	Department of CSE and IT

FDP 2011-12

S.No	Name	Topic	Place	Date	Organized By
1	L.Prabahar	IT Enabled Soft Skill Enhancement Training Programme for Master Trainers	Anna University, Chennai.	27.07.2011 & 30.07.2011	The Center for University Industry Collaboration, Anna University, Chennai.
2	A.Anandh	A Complementary Essentials of Matlab & Labview Theory and Practice	V.M.K.V Engineering College	09.05.2012 & 10.05.2012	IEEE Madras Section
3	R.Ramya	A Complementary Essentials of Matlab & Labview Theory and Practice	V.M.K.V Engineering College	09.05.2012 & 10.05.2012	IEEE Madras Section
4	R.Malarvizhi	Recent Advances in Mobile and Pervasive Computing	Sethu Institute of Technology, Kariapatti.	07.05.2012 to 18.05.2012	AICTE
		Professional Effectiveness Workshop	K.C.E.T, Virudhunagar.	25.05.2012 to 29.05.2012	K.C.E.T, Virudhunagar.
5.	B.Selvakumar	Research issues in computational grid and cloud computing	AICTE	25-05-2012	07-06-2012
6.	G. Srinivasan	Research issues in computational grid and cloud computing	AICTE	25-05-2012	07-06-2012
7	P.Praveenkumar	Deep Dive Faculty Enablement Program	Infosys, Chennai	04-07-2011 to 08-07-2011	Infosys, Chennai

FDP 2010-2011

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
1	G.Srinivasan	Software project management	AICTE	23-02-2011	27-02-2011
2.	L. Prabahar	Graphical Engineering using LABVIEW	KCET	10-01-2011	11-01-2011
3.	L. Prabahar	IT Enabled soft skill enhancement training programme for master trainers	Anna University, Chennai	27-07-2011	30-07-2011

FDP 2009-10

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	V.Lakshmi	KCET	Kamaraj College of Engg	24.05.2010	25.05.2010
2.	A. Anandh	NEC	Kovilpatti	17-05-2010	21-05-2010
3.	V.Pushparani	KCET	KCET	24-05-2010	25-05-2010

WORKSHOP

2013-14

S.No	Faculty Name	Workshop Title	Place	Date	Organized By
1.	S.T.Veena	Digital Image Processing Using Matlab”	Rajalakshmi Engineering College, Chennai	Feb 10-14, 2014	Center of Excellence in Machine Vision
2.	P.Swathika	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE

		Computer Programming	Mepco Schlenk Engineering College, Sivakasi	June 16-21, 2014	ISTE, IIT Bombay
3.	M.Pradhiba Selvarani	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
		Computer Programming	Mepco Schlenk Engineering College, Sivakasi	June 16-21, 2014	ISTE, IIT Bombay
4.	L.Shanmugapriya	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
		Computer Programming	Thiyagarajar Engg. College, Madurai	June 16-21, 2014	ISTE, IIT Bombay
5.	P.Meha	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
		Image Processing and its Applications	Kalasalingam University, Krishnankoil	Aug 2-3, 2013	IEEE Student Branch
		SCILAB for Engineering Applications	Kamaraj College of Engineering and Technology, Virudhunagar	May 8, 2014	Kamaraj College of Engineering and Technology, Virudhunagar
		Green Computing for Evergreen World	K.L.N. College of Engineering, Madurai.	Jan 30-31 2014	Department of CSE
6.	R.Ramya	Softcomputing Techniques using MATLAB	Kongu Engineering College, Erode	Sep 13-14,2013	Technology Business Incubator with Department of

					CSE
		MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
7.	S.Janani	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
		Digital Image Processing Using Matlab”	Rajalakshmi Engineering College, Chennai	Feb 10-14, 2014	Center of Excellence in Machine Vision
8.	T.Manonmani	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
9.	K.Muthulakshmi	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
10.	V.Sutha Jebakumari	Image Processing and its Applications	Kalasalingam University, Krishnankoil	Aug 2-3, 2013	IEEE Student Branch
		Neural Network and its Applications	Annai Vailankanni College of Engineering , Kanyakumari	Sep 27, 2013	The Institution of Engineering and Technology with Department of EEE
		SCILab for Engineering Applications	Kamaraj College of Engineering and Technology, Virudhunagar	May 8, 2014	Kamaraj College of Engineering and Technology, Virudhunagar

		MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
		Green Computing for Evergreen World	K.L.N College of Engineering	Jan 30-31, 2014	Department of CSE
		Neuro-Fuzzy-GA Approaches using MATLAB	Kongu Engineering College, Perundurai, Erode.	Feb 6-7, 2014	Industry Institute Partnership Cell, Department of CSE
11.	S.Arulmary	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
12	P.Subathra	Tools and Technologies for Cloud Computing and Big Data	Thiagarajar College of Engineering, Madurai.	May 5-7, 2014	TEQIP, Department of IT
		Computer Networking	Thiyagarajar Engg. College, Madurai	June 30-July 5, 2014	ISTE, IIT Bombay
13	R.Muthuselvi	NPTEL Online Certificate Courses	IIT Madras	Feb 25, 2014	IIT Madras
		MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
14	B.Krishnalakshmi	Computer Networking	Mepco Schlenk Engineering College, Sivakasi	June 30-July 5, 2014	ISTE, IIT Bombay

15	L.Prabahar	MATLAB and its Applications for Engineering Computations	Kamaraj College of Engineering and Technology, Virudhunagar	Feb 21, 2014	CSI Students Chapter, Department of CSE
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WORKSHOP  
2012-13

S.No	Faculty Name	Workshop Title	Place	Date	Organized By
1.	T.Manonmani	Applications of Soft Computing Techniques in Information Retrieval and Knowledge Discovery	Thiagarajar College of Engineering , Madurai	April 10, 2013	Department of CSE
2.	V.Sutha Jebakumari	Applications of Soft Computing Techniques in Information Retrieval and Knowledge Discovery	Thiagarajar College of Engineering , Madurai	April 10, 2013	Department of CSE
		Technical Paper Writing using Latex	National Engineering College, Kovilpatti	Nov 30, 2012	Department of IT
3.	P.Praveen Kumar	Train the Trainer Workshop on “Web Application Development using ASP.NET”	Jayaram College of Engineering and Technology, Trichy	May 29-31, 2013	Infosys Limited
4.	B.Muthukrishna Vinagam	Train the Trainer Workshop on “Web Application Development using ASP.NET”	Jayaram College of Engineering and Technology, Trichy	May 29-31, 2013	Infosys Limited
5.	A.Anandh	Parallel Computing Techniques for Engineering Industrial Applications,Tools	Mepco Schlenk Engineering College, Sivakasi	March 13-14, 2013	Department of CSE

		and Research Issues			
		Train the trainer workshop on"FP Training Tools and Methodologies"	Kamaraj College of Engineering and Technology, Virudhunagar	Sep27-29 , 2012	Infosys Limited
6.	G.Srinivasan	Research issue In Cloud computing	Mepco Schlenk Engineering College, Sivakasi	Sep 12 & 13, 2012	Department of IT
7.	R.Malarvizhi	Research issues In Cloud computing	Mepco Schlenk Engineering College, Sivakasi	Sep 12 & 13, 2012	Department of IT
8.	B.Krishnalakshmi	Research issues In Cloud computing	Mepco Schlenk Engineering College, Sivakasi	Sep 12 & 13, 2012	Department of IT
9.	S.ArulMary	Research issues In Cloud computing	Mepco Schlenk Engineering College, Sivakasi	Sep 12 & 13, 2012	Department of IT
10.	B.Selvakumar	Research issue In Cloud computing	Mepco Schlenk Engineering College, Sivakasi	Sep 12 & 13, 2012	Department of IT
		Recent Trends in Cloud Computing	KPR Institute of Engineering and Technology Coimbatore	August 3 and 4,2012	Department of CSE
11.	K.Muthulakshmi	Train the trainer workshop on"FP Training Tools and Methodologies"	Kamaraj College of Engineering and Technology, Virudhunagar	Sep27-29 , 2012	Infosys Limited
12.	R.Ramya	Train the trainer workshop on"FP Training Tools and Methodologies"	Kamaraj College of Engineering and Technology,	Sep27-29 , 2012	Infosys Limited

			Virudhunagar		
		Train the trainer workshop on" Software Testing"	St.Joseph's College of Engineering, Chennai	Nov 28-30,2012	Infosys Limited
13.	S.T.Veena	Technical Paper Writing using Latex	National Engineering College, Kovilpatti	Nov 30, 2012	Department of IT
14.	P.Sudhakar	Recent Trends and Research Challenges in Business Intelligence	Thiagarajar College of Engineering, Madurai	Nov 29, 2012	Department of Computer Applications

#### WORKSHOP 2011-12

S.No	Faculty Name	Workshop Title	Place	Date	Organized By
1	R.Ramya	Service Oriented Architecture	Thiagarajar College of Engineering, Madurai.	09.09.2011	Thiagarajar College of Engineering, Madurai.
		Writing Technical Paper	R.M.D. Engineering College	31.03.2012	R.M.D. Engineering College
2	T.Manonmani	Service Oriented Architecture	Thiagarajar College of Engineering, Madurai.	09.09.2011	Thiagarajar College of Engineering, Madurai.
3	V.Sutha Jebakumari	Service Oriented Architecture	Thiagarajar College of Engineering, Madurai.	09.09.2011	Thiagarajar College of Engineering, Madurai.
		Recent Trends in Cloud Computing and Network Security	Maha College of Engineering, Salem.	19.10.2011 & 20.10.2011	Maha College of Engineering, Salem.
4	S.Priyadharshini	Service Oriented Architecture	Thiagarajar College of Engineering, Madurai.	09.09.2011	Thiagarajar College of Engineering, Madurai.

5	P.Sudhakar	Service Oriented Architecture	Thiagarajar College of Engineering, Madurai.	09.09.2011	Thiagarajar College of Engineering, Madurai.
6	P.Meha	Service Oriented Architecture	Thiagarajar College of Engineering, Madurai.	09.09.2011	Thiagarajar College of Engineering, Madurai.
7	P.Charanya	Digital Image Processing using Matlab	Infant JESUS College of Engineering, Thoothukudi.	22.10.2011	Infant JESUS College of Engineering, Thoothukudi.
8	M.Pradhiba Selvarani	Digital Image Processing using Matlab	Infant JESUS College of Engineering, Thoothukudi.	22.10.2011	Infant JESUS College of Engineering, Thoothukudi.
9	P.Swathika	Digital Image Processing using Matlab	Infant JESUS College of Engineering, Thoothukudi.	22.10.2011	Infant JESUS College of Engineering, Thoothukudi.
10	A.Anandh	Digital Image Processing and its Applications	Cape Institute of Technology	27.01.2012 & 28.01.2012	Cape Institute of Technology
		Wavelet & Sparse Signal Representation – Research Focus	Thiagarajar College of Engineering, Madurai.	30.09.2011 & 01.10.2011	Thiagarajar College of Engineering, Madurai.

#### WORKSHOP 2010-11

S.No	Faculty Name	Workshop Title	Place	Date	Organized By
1	A. Anandh	Research opportunities at CVRDE	Anna University of Technology, Tirunelveli	06-04-2011	AUTT-DRDO Research Centre
2.	K.Jeyakumar	Networking Simulator Tools	Anna University of Technology, Tiruchirappalli	17&18- 07-2010	Dept of ECE, Anna University of Technology, Tiruchirappalli
3.	B.SelvaKumar	Free Open Source Software	Mepco Schlenk Engineering College, Sivakasi	29&30 -09-2010	Mepco Schlenk Engineering College, Sivakasi

4.	G.Srinivasan	Research opportunities at CVRDE	Anna University of Technology, Tirunelveli	06-04-2011	Anna University of Technology, Tirunelveli
4.	S.Karpagam	Soft Skills and Language Acquisition	KCET,Virudhunagar	17.03.2011	KCET,Virudhunagar

#### WORKSHOP 2009-10

S.No	Name	Name of the Topic	Organized By	Place	Date
1	A.Anandh	J2EE and Best practices in application development	ICT Academy of Tamilnadu. CTS and TCS	Anna University, Tirunelveli	25 <sup>th</sup> , 26 <sup>th</sup> Feb 2010
2	K.Jeyakumar	Research trends in Grid Computing	Kalasalingam University	Krishnankoil	13.03.'10 1 day
3	V.Lakshmi	Theory of computing	Thiagarajar College of Engineering	Madurai	26 <sup>th</sup> Sep 2009
4	T.Manonmani	Research trends in Grid Computing	Kalasalingam University	Krishnankoil	13.03.'10 1 day
5	B.Muthukrishna vinayagam	J2EE & Web Sphere Admin	Dept. of IT	NEC KP	25-26 <sup>th</sup> Sep 2009
6	L Prabahar	Research trends in grid computing	Kalasalingam University	Krishnankovil	13-03-2010
7	V.Pushparani	J2EE and Best practice in Application Development	Anna University	Tiruchirappalli	19,20 <sup>th</sup> September 2009
8	R.Ramya	Research trends in Grid Computing	Kalasalingam University	Krishnankoil	13.03.10
9	G.Srinivasan	Wireless digital communication	Mepco Schlenk Engg Colleg	Sivakasi	30 Oct 2009
		Application of ARM processor in embedded systems	Vel Tech Technical Universtiy	Chennai	4 <sup>th</sup> Sep 2009

#### SEMINAR 2013-14

S.NO	FACULTY NAME	SEMINAR TITLE	PLACE	DATE	ORGANIZED BY
1.	S.Arul Mary	Bio-Medical Signal/Image Processing for Diagnosis of Diseases	Mepco Schlenk Engineering College, Sivakasi	March 14-15, 2014	Mepco Schlenk Engineering College, Sivakasi

# SEMINAR 2012-13

S.NO	FACULTY NAME	SEMINAR TITLE	PLACE	DATE	ORGANIZED BY
1.	T.Manonmani	Security Issues in Mobile AD_HOC Networks	Sethu Institute of Technology, Kariapatti	August 2-3,2012	Department of CSE
		Recent Trends and Research Issues Issues in Semantic Based Image Analysis	Mepco Schlenk Engineering College, Sivakasi	October 10-11,2012	Department of CSE
2.	V.Sutha Jebakumari	Security Issues in Mobile AD_HOC Networks	Sethu Institute of Technology, Kariapatti	August 2-3,2012	Department of CSE
3.	P.Meha	Security Issues in Mobile AD_HOC Networks	Sethu Institute of Technology, Kariapatti	August 2-3,2012	Department of CSE
4.	K.Muthulakshmi	Research Motivation – A Perspective	National Engineering College, Kovilpatti	Nov 30 & Dec 1, 2012	PG-Department of CSE
5	G.Srinivasan	WBAN- Challenges and Enabling Technologies	College of Engineering, Anna University, Chennai	March 22-23, 2013	Department of ECE

# SEMINAR 2011-12

S.No	Faculty Name	Seminar Title	Place	Date	Organized By
1	T.Manonmani	Research Issues in Web Mining	Mepco Schlenk Engineering College, Sivakasi.	15.02.2012 & 16.02.2012	Mepco Schlenk Engineering College, Sivakasi.
2	R.Malarvizhi	Research Issues in Cloud and Grid Computing	Mepco Schlenk Engineering College, Sivakasi.	14.10.2011 & 15.10.2011	Mepco Schlenk Engineering College, Sivakasi.
3	S.Priyadharshini	Research Issues in Web Mining	Mepco Schlenk Engineering College, Sivakasi.	15.02.2012 & 16.02.2012	Mepco Schlenk Engineering College, Sivakasi.

4	S.Arul Mary	Research Issues in Cloud and Grid Computing	Mepco Schlenk Engineering College, Sivakasi.	14.10.2011 & 15.10.2011	Mepco Schlenk Engineering College, Sivakasi.
		Research Issues in Web Mining	Mepco Schlenk Engineering College, Sivakasi.	15.02.2012 & 16.02.2012	Mepco Schlenk Engineering College, Sivakasi.
5	B.Krishnalakshmi	Research Issues in Web Mining	Mepco Schlenk Engineering College, Sivakasi.	15.02.2012 & 16.02.2012	Mepco Schlenk Engineering College, Sivakasi.

#### SEMINAR 2010-11

S.No	Faculty Name	Seminar Title	Place	Date	Organized By
1	G.Srinivasan	Role of Renewable Energy in Energy Conservation	Anna University of Technology, Thiruchirappalli	14 <sup>th</sup> , 15 <sup>th</sup> Dec 2010	Anna University of Technology, Thiruchirappalli
2	V. Sutha Jebakumari	Machine Learning and Soft Computing	K.L.N College of Information Technology, Pottapalayam	14.10.2011 & 15.10.2011	Dept. of CSE, K.L.N College of Information Technology
3	S.Priyadharshini	Machine Learning and Soft Computing	K.L.N College of Information Technology, Pottapalayam	14.10.2011 & 15.10.2011	Dept. of CSE, K.L.N College of Information Technology
4	P. Meha	Machine Learning and Soft Computing	K.L.N College of Information Technology, Pottapalayam	14.10.2011 & 15.10.2011	Dept. of CSE, K.L.N College of Information Technology
5	S.T.Veena	Machine Learning and Soft Computing	K.L.N College of Information Technology, Pottapalayam	14.10.2011 & 15.10.2011	Dept. of CSE, K.L.N College of Information Technology

#### SEMINAR 2009-10

Sl.No	Faculty Name	Seminar Title	Place	Date
1	R.Ramya	Digital Image Processing Techniques for Engineering Applications	Velammal Engg College, Madurai	24 <sup>th</sup> Sep '09 1 day
2	T.Manonmani	Digital Image Processing Techniques for Engineering Applications	Velammal Engg College, Madurai	24 <sup>th</sup> Sep '09 1 day
3	K.Jeyakumar	Mobile networking and computing	Mepco, Sivakasi	29,30 Jan 2010
4.	L.Prabakar	Mobile networking and computing	Mepco, Sivakasi	29,30 Jan 2010

5.	S.T. Veena	Research issues in Digial Image Processing	Mecpo, Sivakasi	20.03.10
6.	V.Sutha Jebakumari	Recent Research: Multi Perception	NEC, Kovilpatti	18,19 Sep 2009
		Convergence of Technologies in IT	SVN College, Madurai	7th Oct 2009
		Recent Trends and Research Directions towards Cloud Computing	NEC, Kovilpatti	9,10 Oct 2009
7	A.Anandh	Mobile Networking and Computing	Mepco, Sivakasi	29,30 Jan 2010
8.	S.Karpagam	Mobile Networking and Computing	Mepco, Sivakasi	29,30 Jan 2010

#### Conferences (Presented) 2013-14

S.No	FACULTY NAME	PAPER TITLE	CONFERENCE TITLE	PLACE	DATE	ORGANISED BY
1.	V.Sutha Jebakumari	Web Based Agriculture Irrigation Suggestion System	National Conference on Issues and Trends in Advanced Computing (NITAC-2014)	Bannari Amman Institute of Technology, Sathyam angalam	March 14-15, 2014	Department of Computer Applications
2.	G.Srinivasan	Microcontroller Based Solar Tracking System	National Conference on Issues and Trends in Advanced Computing (NITAC-2014)	Bannari Amman Institute of Technology, Sathyam angalam	March 14-15, 2014	Department of Computer Applications
3.	R.Ramya	Geometric and Surface Curvature Feature Based 3D Facial Expression Recognition	International Conference on Computing, Cybernetics and Intelligent Information System (CCIIS'2013)	VIT University, Vellore, Chennai	Nov 21-23, 2013	School of Computing science and Engineering, VIT University, Vellore
4.	A.Anandh	Content Based Image Retrieval System Based on Dominant Color Features and Semantic	International Conference on Computing, Cybernetics and	VIT University, Vellore,	Nov 21-23, 2013	School of Computing science and Engineering,

		Information	Intelligent Information System (CCIIS'2013)	Chennai		VIT University, Vellore
5.	P. Sudhakar	Big Data Analysis and Cyber Security	National Conference on Big Data Analysis and Cyber Security	Chennai	Feb 27 - 28, 2014	Department of Computer Science and Engineering , School of Computing Sciences
		Semantic search using Natural Language Processing	International Conference on Communication and Computer Engineering	Malaysia	May 20 - 21, 2014	Department of Computer Science and Engineering , School of Computing Sciences

#### Conferences (Presented) 2012-13

S.No	FACULTY NAME	PAPER TITLE	CONFERENCE TITLE	PLACE	DATE	ORGANISED BY
1.	P.Sudhakar	Signed with Weight technique for Mining Web Content Outliers	International Conference on Communication, Computing and Information Technology	M.O.P.Vaishnav College for Women, Chennai	Dec 21-22, 2012	Department of CSE
2.	P.Swathika	A Novel Approach for Interactive Image Segmentation	National Conference on Information and Computer Engineering-NICE 2013	Sree Sowdam bika College of Engineering, Aruppukottai	April 1, 2013	PG Department of CSE and ISTE Students' Chapter
3.	M.Pradhiba Selvarani	A Novel Approach for Interactive Image Segmentation	National Conference on Information and Computer Engineering-NICE 2013	Sree Sowdam bika College of Engineering, Aruppukottai	April 1, 2013	PG Department of CSE and ISTE Students' Chapter

4.	B.Krishnalakshmi	A Novel Approach for Interactive Image Segmentation	National Conference on Information and Computer Engineering-NICE 2013	Sree Sowdam bika College of Engineering, Aruppukottai	April 1,2013	PG Department of CSE and ISTE Students' Chapter
5.	S.Arul mary	A Novel Approach for Interactive Image Segmentation	National Conference on Information and Computer Engineering-NICE 2013	Sree Sowdam bika College of Engineering, Aruppukottai	April 1,2013	PG - Department of CSE and ISTE Students' Chapter
6.	G.Srinivasan	A Design Approach to Smart Health Monitoring BSN System	National Conference on Frontiers of Computer Science and Computation Technologies "NCFCSCT 2013"	Sri Ramakrishna Engineering College, Coimbatore	April 12-13 , 2013	PG - Department of CSE
7.	S.Priyadharshini	Impact of selfish Nodes in Replica Allocation over MANET	National Conference on Frontiers of Computer Science and Computation Technologies "NCFCSCT 2013"	Sri Ramakrishna Engineering College, Coimbatore	April 12-13 , 2013	PG - Department of CSE
8	S.T.Veena	International Conference on Mining Intelligence and Knowledge Exploration	VHNS College, Virudhunagar		Dec 18-20 , 2013	Research Centre in Computer Science

**CONFERENCES (PRESENTED) 2011-12**

<b>S.No</b>	<b>Faculty Name</b>	<b>Paper Title</b>	<b>Conference Title</b>	<b>Place</b>	<b>Date</b>	<b>Organized By</b>
1	G.Srinivasn	Automatic Early Hazard Detection using Wireless Sensor Web	International Conference on Applied Computing	S.T Hindu College, Nagercoil.	18.03.2012	International Journals of Engineering Technology and Computer Applications
2	P.Charanya	Knowledge Based Search Algorithm in Unstructured P2P Networks	Emerging Trends in Computer and Communication Technology	Maria College of Engineering and Technology, Nagercoil.	16.02.2012 & 17.02.2012	International Conference on Emerging Trends in Computer and Communication Technology
3	P.Sudhakar	Content Based Ranking for Search Engines	International Multi Conference of Engineers and Computer Scientists 2012	Hong Kong	14.03.2012 To 16.03.2012	International Association of Engineers
		Relevance Ranking and Evaluation of Search Results through Web Content Mining	International Multi Conference of Engineers and Computer Scientists 2012	Hong Kong	14.03.2012 To 16.03.2012	International Association of Engineers
		Comparative Study on Email Spam Classifier using Data Mining Techniques	International Multi Conference of Engineers and Computer Scientists 2012	Hong Kong	14.03.2012 To 16.03.2012	International Association of Engineers

**CONFERENCE PRESENTED (2010-11)**

<b>S.No</b>	<b>Faculty Name</b>	<b>Paper Title</b>	<b>Conference Title</b>	<b>Place</b>	<b>Date</b>	<b>Organized By</b>
1	G.Srinivasan	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	Hi-Tech Trends in Emerging Computational Technologies	Sethu Institute of Technology, Kariapatti	22 & 23, March, 2011	Sethu Institute of Technology, Kariapatti
		Automatic River Pollutant Monitoring & Flood Detection	International Conference on Smart Technologies(ICST-	Vel Tech Dr. RR & Dr. SR, Chennai	Jan 5 <sup>th</sup> – Jan7th, 2011	Vel Tech Dr. RR & Dr. SR, Chennai

		using Sensor Web	2011)			
2	S.T.Veena	Adaptive Visible Watermarking and Copy Protection of Reserved Multimedia Data	ICCCI 10	Velammal College of Engg & Technology, Madurai	22 & 23 July, 2010	Velammal College of Engg & Technology, Madurai
3	L.Prabakar	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	International Conference on Smart Technologies(ICST-2011)	Vel Tech Dr. RR & Dr. SR, Chennai	Jan 5 <sup>th</sup> – Jan7th, 2011	Vel Tech Dr. RR & Dr. SR, Chennai
4	B.MuthuKrishnaVinayagam	Enhancement of Thinprep Cervical Cell Images using Trapezoidal	Hi-Tech Trends in Emerging Computational Technologies	Sethu Institute of Technology, Kariapatti	22 & 23, March, 2011	Sethu Institute of Technology, Kariapatti
		Comparative Analysis of Image Compression Algorithms	Recent Trends in Computing, Communication and Technology	PSR Engineering College, Sivakasi	25 & 26, March, 2011	PSR Engineering College, Sivakasi
		Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	International Conference on Smart Technologies(ICST-2011)	Vel Tech Dr. RR & Dr. SR, Chennai	Jan 5 <sup>th</sup> – Jan7th, 2011	Vel Tech Dr. RR & Dr. SR, Chennai
5	V.Pushparani	NTRU-Public key Crypto system for Constrained Memory Devices	ICCCI 10	Velammal College of Engg & Technology, Madurai	22 & 23 July, 2010	Velammal College of Engg & Technology, Madurai
6	V.Lakshmi	Fault Prediction using Conceptual Cohesion in Object Oriented System	ICCCI 10	Velammal College of Engg & Technology, Madurai	22 & 23 July, 2010	Velammal College of Engg & Technology, Madurai
7	B.Selvakumar	Policy Based Load Delegation in Service Grid Environment	National Conference on Emerging Technologies (NACET-2011)	Anna University of Technology, Tirunelveli	6 <sup>th</sup> May 2011	Anna University of Technology, Tirunelveli

		Policy Based Load Delegation in Service Grid Environment	National Conference on Information, Communication & Networking(NCICN-2011)	Easwari Engineering College, Chennai	4 <sup>th</sup> May 2011	Easwari Engineering College, Chennai
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#### CONFERENCE PRESENTED (2009-10)

S.No	Faculty Name	Paper Title	Conference Title	Date
1.	S. Karpagam	Data hiding using Adaptive LSB substitution for gray & color images	Conference on Advanced Network and Image Processing	March 5 & 6, 2010
		Photo retrieval system using adaptive LSB substitution steganography scheme	International conference on Advanced, emerging Trends in Computing	June 21-24 2010
2.	V. Pushparani	Public key cryptosystem based on NTRU	High performance Networking and computing	18.19 <sup>th</sup> February 2010
		Public key cryptosystem based on NTRU	Recent trends in Soft Computing	27 February 2010
3.	G. Sinivasn	Health care monitoring for mobile patients	ICEDSP'09	10-12 Dec 2009
4.	V. Sutha Jebakumari	Multi Vector Quantizer Design for Image Compression	UGC sponsored National Conference	05.03.10
5.	S.T.Veena	Copy protection of images by blind reversible visible watermarking	National Conference on Advanced Image Processing & Networking	5 & 6 Mar 2010
6.	P.Meha	Human Activity Recognition using HMM	National Conference on Advances in Computer Engineering and Networking ACENET'10	20.3.2010

		HMM Based Human Activity Recognition	National Conference on High Performance Computing VISION'10	7.4.2010
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#### ECE DEPARTMENT

##### (i) Faculty Development Programmes/Training Programs Organized:

S.No	Name of the Programme / Topic	Sponsored by	Duration	
			From	To
1.	VLSI Design	-	March 2009	
2.	Embedded Systems	-	10.12.09	11.12.09
3.	Digital Image Processing	-	10.02.12	11.02.12
4	Wireless Communication networks	-	21.02 .14	
5	Microprocessor based system design	-	13.03.14	

##### (i) Faculty Development Programs /Training Programs Attended:

Name of the Faculty	Name of the FDP	Organized By	Duration	
			From	To
Dr.M.Sundaram Dr.R.Sureshbabu Dr.C.Geethapriya Mrs.A.Geetha.,AP Ms.T.Prathiba,AP Mrs.V.Jeyalakshmi,AP Mr.K.Jeyakumar,AP Mr.C.S.Karthikeyan,AP Mr.R.S.Venkatesan,AP Mrs.C.Nagavani,AP Mrs.Gangadevi Mr.J.Augustin Jacob,AP Ms.T.Pandiselvi,AP Mr.M.Ramesh,AP Mrs.S.Nisharani,AP Mr.R.Ashok,AP Ms.N.M.Mary sindhuja,AP Ms.P.Reba,AP	Communicative English	Col's calibre, Kamaraj college of engineering & technology	18-11-2013	30-11-2013

Mr. J.Prabin Jose,AP Mr.P.Aravind,AP Mrs.M.Stella mercy,AP Mrs.R.Nithya,AP Mrs.R.Gowri Manohari,AP Miss.S.R.Saranya Mrs.Gowri Miss.Vidya P.Janaki				
<b>HRD Programmes(Feel Teacher,Work senses)</b>				
Name of the Faculty	Name of the FDP	Organized By	Duration	
			From	To
Mrs.A.Geetha.,AP Ms.T.Prathiba,AP Mrs.V.Jeyalakshmi,AP Mr.K.Jeyakumar,AP Mr.C.S.Karthikeyan,AP Mr.R.S.Venkatesan,AP Mrs.C.Nagavani,AP Mr.J.Augustin Jacob,AP Ms.T.Pandiselvi,AP Mr.M.Ramesh,AP Mrs.S.Nisharani,AP Mr.R.Ashok,AP Ms.N.M.Mary sindhuja,AP Ms.P.Reba,AP Mr. J.Prabin Jose,AP Mr.P.Aravind,AP Mrs.M.Stella mercy,AP Mrs.R.Nithya,AP Mrs.R.Gowri Manohari,AP	FEEL Teacher	College for Leadership and Human Resource Development (CLHRD, Mangalore)	8/7/2013	10/7/2013
Dr.K.Annaram,Prof Mr.J.Augustin, AP. Mr.K.Jeyakumar,AP Mrs.V.Jeyalakshmi,AP Mrs.C.Nagavani,AP	Work senses (soft skills )	Faculty Enablement program, Infosys,Chennai	25-05-2012	30-5-2012
Mr.R.Suresh Babu Assoc Prof, Mrs.A.Geetha , AP Mrs.T.Prathiba,AP	Work senses (soft skills )	Faculty Enablement program, Infosys,Chennai	6-12-2011	10-12-2011

FDP/Staff training inside the college					
S. No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
July 2013-June 2014					
1.	Miss.Vidya P Janaki	Networks & cyber security	Kamaraj college of engineering & Technology	9-06-2014	13-06-2014
2.	Mrs.M.Stella mercy	Networks & cyber security	Kamaraj college of engineering & Technology	9-06-2014	13-06-2014
3.	Mr.P.Aravind	Networks & cyber security	Kamaraj college of engineering & Technology	9-06-2014	13-06-2014
4.	Mrs.V.Jeyalakshmi	User defined embedded system using LabView	Dept of EIE, Kamaraj college of Engg & Tech	28-8-2013	29-8-2013
5.	Mrs.C.Nagavani	User defined embedded system using LabView	Dept of EIE, Kamaraj college of Engg & Tech	28-8-2013	29-8-2013
6.	Mr.R.Ashok	User defined embedded system using LabView	Dept of EIE, Kamaraj college of Engg & Tech	28-8-2013	29-8-2013
July 2012-june 2013-nil					
July 2011-june 2012-nil					
July 2010-june 2011-nil					
7	Miss.P.Thilagarathi, AP Ms.G.Prema Priya,AP Mrs.T.Prathiba,AP Mrs.V.Jeyalakshmi,A P Mrs.C.Nagavani,AP	Graphical programming using Labview	Dept of EIE, KCET	10-1-2011	11-1-2011

July 2009-june 2010					
8	Mr.K.Jeyakumar ,	Mathematical model for engineering problems	Dept of IT, Kamaraj College of Engg & Tech	24-05-2010	25-5-2010
9	Mr.K.Jeyakumar	FDP conducted by Ma Foi Academy	Kamaraj college of engineering & technology	23-06-2009	26-03-2009
10	Mrs.B.vijayakumari	FDP conducted by Ma Foi Academy	Kamaraj college of engineering & technology	23-06-2009	26-03-2009
11	Mrs.A.Geetha	FDP conducted by Ma Foi Academy	Kamaraj college of engineering & technology	23-06-2009	26-03-2009

**FDP attended by Faculties outside the college /university**

Name of the Faculty	Name of the FDP	Organized By	Duration	
			From	To
July 2013- June 2014				
Mrs.B.Vijayakumari	Computer vision and medical image processing	Thiagarajar college of engineering	25-04-2014	26-04-2014
Mrs.A.Geetha	Computer vision and medical image processing	Thiagarajar college of engineering	25-04-2014	26-04-2014
Mrs.C.Nagavani	Computer vision and medical image processing	Thiagarajar college of engineering	25-04-2014	26-04-2014
Dr.C.Geethapriya	Wireless sensor networks and its applications	National institute of technology	12-05-2014	16-05-2014
Mr.C.S.Karthikeyan	Wireless networks-a step towards green communication	Thiagarajar college of engineering	31-03-2014	05-04-2014
Mr.J.Prabin Jose	Signals & Image processing applications using XiLinx system generator	Amrita school of engineering	10-04-2014	11-04-2014
Vidya P Janaki	Digital image processing using Matlab	Rajalakshmi engineering college	10-02-2014	14-02-2014

N.M.Mary sindhuja	Antenna simulation & measurements using ADS and vector network analyser	K.L.N.College of engineering	27-01-2014	28-01-2014
Mrs.T.Prathiba	Neuro-Fuzzy-GA approaches using MATLAB	Kongu Engineering college	06-02-2014	07-02-2014
Mrs.T.Pandiselvi	Research applications using Matlab	Kongu Engineering college	06-02-2014	07-02-2014
Mr.M.Ramesh	Network simulation using NS2	Sri vidya college of engineering & technology	17-01-2014	18-01-2014
Mrs.J.Gangadevi	Signals & systems	IIT kharagbur	2-01-2014	12-01-2014
Mrs.R.Gowriman ohri	Two week ISTE workshop on signals and systems	IIT kharagpur	2-01-2014	12-01-2014
Ms.J.Gangadevi	Microcontroller based embedded system design	Mepco schlenk engineering college	16-12-2013	18-12-2013
Ms.C.Nagavani	Microcontroller based embedded system design	Mepco schlenk engineering college	16-12-2013	18-12-2013
Mrs.M.Stella mercy	Electronic circuits -II	Anna University,chennai	11-12-2013	17-12-2013
Mrs.R.Gowriman ohari	Microcontroller based embedded system design	Mepco schlenk engineering college	16-12-2013	18-12-2013
Dr.C.Geethapriya	Future trends of broadband Wireless communication and networking	Sant longowal institute of engineering & technology	9-12-2013	20-12-2013
Mrs.S.Nisharani	Future trends of broadband Wireless communication and networking	Sant longowal institute of engineering & technology	9-12-2013	20-12-2013

Mrs.N.M.Mary sindhuja	Neural and fuzzy methods in engineering	CSI institute of technology	27-09-2013	28-09-2013
Mrs.A.Geetha , AP	Applications of soft computing technique using matlab	Kongu Engg college,Erode	2-9-2013	3-9-2013
Mr.M.Ramesh, AP	Recent trends in communication technologies	Dept of ECE,Velammal college of engg &tech	23-8-2013	23-8-2013
<b>July 2012- June 2013</b>				
Mrs.M.Stella Mercy	Digital communication	Anna University chennai	12-06-2013	18-06-2013
Mr.J.Prabin Jose,AP/ECE	Anolog Electronics	ISTE-Workshop, IIT-Kharagpur- (MHRD) Conducted at MepcoSchlenk Engg.College, Sivkasi	4.6.2013	14.6.2013
Mr.P.Aravind,AP	EC2403-RF &Microwave Engineering	Centre for Faculty Development, Anna university, Chennai	5-6-2013	11-06-2013
Mr.P.Aravind,AP	Theory of RF Communication Links,	ISTE-SRM SHORT- TERM training programme Rajalakshmi Engg College,Chennai	03-6-2013	9-6-2013
Mr.P.Aravind,AP	EC2253 Electromagnetic fields	Centre for Faculty Development, Anna university, Chennai.	26-11-2012	2-12-2012
<b>July 2011- June 2012</b>				
Mr.K.Jeyakumar	Intrusion detection using Artificial neural networks with best set of features	Anna university of technology, Madurai	23-04-2012	24-04-2012

Mr.Ravindran	Paradigms and applications of pattern recognition in image processing and computer vision	Indian academy of Sciences, Bangalore (IASC), INSA,newdelhi and NASI, Allahabad	23-1-2012	4-2-2012
Mrs.T.Prathiba Mrs.S.Nisharani	Automation Engineering	ICT Academy of Tamilnadu,KCET	21-9-2011	23-9-2011
Mr.J.Augustin Jacob,AP	NI Labview Core2 course	National Instruments	1-8-2011	2-8-2011
Mr.J.Augustin Jacob,AP	NI Labview Core1 course	National Instruments	15-7-2011	17-7-2011
<b>July 2010- June 2011</b>				
Mrs.A.Geetha,AP Mrs.V.jeyalakshmi,AP	AICTE sponsored FPGA for DSP applications	National Engg College, Kovilpatti	17-6-2011	18-6-2011
Mrs.N.M.Mary sindhuja, AP	Wavelet transforms and its applications	MEPCO Schlenk Engg College.sivakasi	4-2-2011	5-2-2011
Mr.R.Sureshbabu	Labview core1&2	National Instruments, Bangalore	17-1-2011	21-1-2011
Mrs.T.Prathiba, AP	LabVIEW with hands on Training	ICT Academy of tamilnadu in association with national instruments,held at SRM university Chennai	11-12-2010	15-12-2010
Mr.R.Sureshbabu , Asso.Prof.	Research issues in wireless networks	Dept of IT, Kongu Engineering college	17-9-2010	18-09-2010
<b>July 2009- June 2010</b>				
Mrs.B.Vijayakumari	Mobile networking & computing	Mepco schlenk engineering college,sivakasi	29-01-2010	30-01-2010

Mrs.V.Jeyalakshmi.,AP	AICTE sponsored Fiber based and wireless optical networks	National Engg College, Kovilpatti	7-12-2009	19-12-2009
Mr.R.Suresh Babu., Asso.Prof.	AICTE Sponsored Advances in RF,wireless systems and antennas	National Engg College, kovilpatti	13-07-2009	18-7-2009
Dr.K.Ramasamy	Wireless digital communications	Mepco schlenk engineering college,sivakasi	30-10-2009	30-10-2009
Dr.K.Ramasamy	Microprocessors and Microcontrollers	Thiagarajar college of engineering	16-10-2009	16-10-2009
Mrs.C.Nagavani	Embedded systems	Virudhunagar s.vellaichamy nadir polytechnic college	07-09-2009 16-11-2009	11-09-2009 20-11-2009
Mrs.S.Bharathi	Embedded systems	Virudhunagar s.vellaichamy nadir polytechnic college	07-09-2009 16-11-2009	11-09-2009 20-11-2009
Mrs.J.Augustin	FPGA & ASIC design flow	National Engineering college	24-11-2009	24-11-2009
Mrs.J.Arokia mydhily	VLSI design techniques & applications	K.L.N.college of engineering	3-12-2009	4-12-2009
Mrs.S.Veeralakshmi	VLSI design techniques & applications	K.L.N.college of engineering	3-12-2009	4-12-2009

#### EIE DEPARTMENT

##### (i) Faculty Development Programmes /Training Programs Organized:

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	FDP on Graphical programming using LabVIEW	National Instruments, Bangalore	10.01.11	11.01.11
2	FDP on Automation Engineering	ICT academy of TamilNadu	21.09.11	23.09.11
3	FDP on Engineering Solutions – Measurement analysis & control	KCET	12.05.14	15.05.14

## (ii) Faculty Development Programs /Training Programs Attended:

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
2009-2010					
1	G.Dhanabalan	Faculty development programme	KCET – Ma Foi Academy	23.06.09	26.06.09
2	G.Dhanabalan	Judge in state level Symposium	Sri vidya college of Engg., & Tech., Virudhunagar	09.10.09	
3	G.Dhanabalan	Resource person for Guest lecture on Introduction to Electronics & Instrumentation	KCET	27.01.10	
4	G.Dhanabalan	Resource person for Guest lecture	Bharat Niketan Engg., college, Aundipatty	04.03.10	
5	A.Rajavel	FDP - MaFoi academy	KCET	23.06.09	26.06.09
6	B.Parameswaran	Faculty development programme	KCET – Ma Foi Academy	23.06.09	
7	B.Parameswaran	FDP on Industrial Automation using PLC and SCADA	Sethu Institute of Technology, Virudhunagar	29.12.09	30.12.09
8	M.Vigneswari	Faculty development programme	KCET – Ma Foi Academy	23.06.09	26.06.09
9	M.Vigneswari	FDP on Embedded system - ARM	GCE, Tirunelveli	24.09.09	25.09.09
10	M.Vigneswari	Workshop on Graphical system design in Robotics & Machine Vision Applications	K.L.N.College of Engg., Sivagangai	22.01.10	23.01.10
11	M.Duraishanmugapriyan	Faculty development programme	KCET – Ma Foi Academy	23.06.09	26.06.09
12	M.Duraishanmugapriyan	FDP on LabVIEW	K.L.N.College of IT, Sivagangai	11.09.09	

13	J.UmaMaheswari	Faculty development programme	KCET – Ma Foi Academy	23.06.09	26.06.09
14	J.UmaMaheswari	FDP on Industrial Automation using PLC and SCADA	Sethu Institute of Technology, Virudhunagar	29.12.09	30.12.09
15	J.UmaMaheswari	Workshop on Graphical system design in robotics and machine vision applications	K.L.N.College of Engg., Sivagangai	22.01.10	23.01.10
16	N.Mathiyarasi	Faculty development programme	KCET – Ma Foi Academy	23.06.09	26.06.09
17	N.Mathiyarasi	Workshop on Virtual Instrumentation	National Engineering college, Kovilpatti	11.11.09	13.11.09
18	M.Kasthuri	Workshop on Virtual Instrumentation	National Engineering college, Kovilpatti	11.11.09	13.11.09
19	S.Renuka	FDP on Embedded Systems	Virudhunagar S.Vellaichamy Nadar polytechnic college	07.09.09	11.09.09
<b>2010-2011</b>					
20	M.Vigneswari	FDP on Modern control systems	K.L.N.College of Engg., Sivagangai	02.02.11	04.02.11
21	M.Vigneswari	Workshop on Neural Networks to power system	KCET-EEE	09.04.11	
22	M.Kasthuri	FDP on Embedded and DSP design flow workshop in Xilinx platform for researchers	K.L.N.College of Engg., Sivagangai	29.07.10	30.07.10
23	J.UmaMaheswari	FDP on Embedded system ARM	Government college of Engineering, Tirunelveli	24.09.10	25.09.10
24	M.Sudalaimani	ISTE Workshop on Basic Electronics	Mepco schlenk Engg., college, sivakasi	28.06.11	08.07.11
25	G.Dhanabalan J.UmaMaheswari L.V.Revathi	FDP on Graphical programming using LabVIEW	KCET	10.01.11	11.01.11

	M.Sudalaimani A.Rajavel B.Parameswaran M.Duraishanmugapriyan				
26	G.Dhanabalan	FDP on Embedded and DSP design flow workshop in Xilinx platform for researchers	K.L.N.College of Engg., Sivagangai	29.07.10	30.07.10
27	G.Dhanabalan	Workshop on Methodologies for research & Innovations	NEC, kovilpatti	18.03.11	
28	M.Rajagomathi	National conference NCACPE'11 on Modelling & comparative performance analysis of spectral 6 phase and conventional synchronous generator for wind form applications	N.P.R college of Engg., & Tech.,	19.03.11	
		2011-2012			
29	B.Parameswaran	Training programme on Automation Engineering	ICTACT –National Instruments at Noorul Islam Centre for Higher Education, Nagercoil	13.12.11	15.12.11
30	B.Parameswaran	National conference on Emerging Technologies	Mix voltage operation in single input dual output buck converter – M.Kumarasamy college of Engg., coimbatore	25.02.12	
31	B.Parameswaran	Seminar on Research issues in process automation & biomedical Instrumentation	Kalasalingam University, Krishnankoil	06.04.13	
32	M.Vigneswari	FDP on Soft skills - Worksenses	KCET	12.12.11	16.12.11

33	M.Vigneswari	Workshop on Reconfigurable Technology & its applications	Thiagarajar college of Engineering, Madurai	21.10.11	
34	M.Sudalaimani	ISTE workshop on Basic Electronics	IIT Bombay at Mepco Schlenk Engineering college, Sivakasi	28.06.11	08.07.11
35	M.Rajagomathi	National conference on Modern methodologies in teaching English language skills	Soft skills as a tool to cultivate character	09.09.11	
36	G.Dhanabalan	Judge in Workshop on Demonstration of Home appliances	KCET - EEE	25.08.11	
37	G.Dhanabalan	FDP on Soft skills - Worksenses	KCET	06.12.11	10.12.11
38	G.Dhanabalan	FDP on Research methodologies & issues in Engg.,	TCE, Madurai	12.12.11	24.12.11
39	G.Dhanabalan	International conference on ICECT 2012	FPGA implementation of 8-bit multiplier with reduced delay time	06.04.12	08.04.12
40	G.Dhanabalan J.UmaMaheswari	FDP on Automation Engineering	KCET-ICT academy of TamilNadu	21.09.11	23.09.11
41	L.V.Revathi	FDP on Soft skills	KCET	25.05.12	29.05.12
		2012-2013			
42	G.Dhanabalan	LabVIEW real time & FPGA course	National Instruments, Bangalore	25.06.12	28.06.12
43	G.Dhanabalan	Workshop on SMART Ph.D planning – A realistic approach towards goal	NEC, kovilpatti - Institution of Engineers (India) Staff chapter	11.08.12	
44	B.Parameswaran	National seminar on Research Issues in Process Automation & Biomedical Instrumentation	Kalasalingam University, KrishnanKoil	06.04.13	

45	M.Vigneswari	Workshop on Fuzzy optimization for image processing	Sethu Institute of Technology, Kariapatti	03.12.12	
46	M.Vigneswari	FDP on Research Methodologies	Vellammal college of Engineering & Technology, Madurai	12.03.13	14.03.13
47	M.Vigneswari	National seminar on Energy efficient artificial intelligence drives- Recent trends & perspective	National Engineering college, Kovilpatti	14.09.12	15.09.12
48	M.Sudalaimani	ISTE workshop on Introduction to Research Methodologies	IIT Bombay at Thiagarajar college of Engineering, Madurai	25.06.12	04.07.12
49	L.V.Revathi	ISTE workshop on Introduction to Research Methodologies	IIT Bombay at Thiagarajar college of Engineering, Madurai	25.06.12	04.07.12
50	M.Rajalakshmi	International Conference on Innovations in Intelligent Instrumentation optimization & signal processing	Nonlinear identification of pH process using support vector machine – Karunya university, coimbatore	01.03.13	0.2.03.13
51	M.Rajalakshmi	National Conference on Recent trends in communication, Electronics & Instrumentation	Online process monitoring of pH process using LabVIEW – Erode sengunthar Engg., college, Erode	13.04.13	
52	M.Rajagomathi	International Conference on Innovations in Intelligent Instrumentation optimization & signal processing	A study of EMG signals to identify the myoporthic abnormalities using soft computing technique – Karunya university, coimbatore	01.03.13	02.03.13
53	R.Santhiya	National Conference on IEECONS 2013	Electricity from walking	02.03.13	

54	R.Santhiya	Faculty orientation programme on Communicative English & Instructional Methodologies	KCET	12.06.12	16.06.12
55	R.Santhiya	One day workshop on Embedded systems	Sree sowdambika College of Engg., Arupukottai	20.09.12	
56	R.Santhiya	Seminar on Research Issues in Soft computing techniques for Nuclear Energy Systems	NEC, kovilpatti	28.09.12	29.09.12
57	R.Santhiya	ISTE-SRM Short term training programme on Solid state device modeling & simulation	Sri vidya college of Engg., & Tech.,, Virudhunagar	18.03.13	24.03.13
58	R.Santhiya	Seminar on Research Issues in Electrical Engg.,	Mepco Schlenk Engg., college, sivakasi	30.03.13	
<b>2013-2014</b>					
59	M.Duraishanmugapriyan	ISTE workshop on Signals & systems	Thiagarajar college of Engineering, Madurai	02.01.14	12.01.14
60	V.Chandra	FDP on EE2253 – Control system	K.L.N. college of Engg., Madurai - Centre for faculty development, Anna University, Chennai	09.12.13	15.12.13
61	V.Chandra	LaTeX workshop	KCET – Spoken tutorial project, IIT Bombay	20.06.14	
62	V.Chandra	FDP on EE6302 – Electromagnetic theory	KCET - Centre for faculty development, Anna University, Chennai	12.06.14	19.06.14
63	V.Chandra	Industrial visit	Rajalakshmi spinners pvt Ltd., Virudhunagar	04.07.14	
64	R.Santhiya	Industrial visit	Rajalakshmi spinners pvt Ltd., Virudhunagar	04.07.14	
65	R.Santhiya	One day workshop	Sree sowdambika	17.08.13	

		on LabVIEW	College of Engg., Arupukottai		
66	R.Santhiya	Two days workshop on User defined Embedded System using LabVIEW	KCET - EIE	28.08.13	29.08.13
67	G.Dhanabalan J.UmaMaheswari L.V.Revathi M.Sudalaimani A.Rajavel B.Parameswaran M.Duraishanmugapriyan M.Vigneswari M.Rajagomathi J.Shanthi V.Chandra M.Rajalakshmi R.Santhiya	FDP on Feel Teacher	KCET - CLHRD	08.07.13	10.07.13
68	G.Dhanabalan J.UmaMaheswari L.V.Revathi M.Sudalaimani A.Rajavel B.Parameswaran M.Duraishanmugapriyan M.Vigneswari M.Rajagomathi J.Shanthi V.Chandra M.Rajalakshmi R.Santhiya	Communicative English	KCET – Col's calibre	18.11.13	30.11.13

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(i) Faculty Development Programmes/Training Programs Organized: NIL

(ii) Faculty Development Programs /Training Programs Attended:

FDP/Seminar/Workshop etc

2013-2014

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
FDP					
1.	Mr.S.Gandhi	Latest Development in	Advanced Tooling	26.09.13	06.09.13

		CAD/CAM	and Plastics Product Development Centre, CIPET, Madurai.		
2.	Dr.R.Baskaran	Short term training on rubber product and manufacturing and testing	Rubber Training Institute, Kottayam, Kerala	03.09.13	06.09.13
3.	Ms. M.Jeyapriya				
4.	Mr.K.Agathian				
5.	Mr.K.Agathian	Facilitating Excellence in Effective Leadership	College for Leadership and Human Resource Development, Mangalore, Karnataka	08.07.13	10.07.13
6.	Mr.S.Kailash				
7.	Mr.A.Murugasan				
8.	Dr.R.Anbarasan				
9.	Mr.S.Sivakumara vel				
10.	Mr.P.Jeyaraman				
11.	Ms.M.Jeyapriya				
12.	Dr.S.Vinayagamo orthy				
13.	Mr.S.Gandhi				
14.	Mr.B.Rajkumar				
Workshop					
15.	Dr.R.Anbarasan	Nano Science and Technology (NW-NST-2013)	Mangalore Institute of Technology and Engineering, Mangalore, Karnataka	18.10.13	19.10.13

2012-2013

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
FDP					
1	Mr. M. Jeyapriya	characterization techniques in nanotechnology	NIT,Calicut	31.06.2012	04.07.2012
2.	Mr. P. Jeyaraman	composites	MIT, Chennai	20 May2012	21May2012
WORKSHOP					
3	Dr.S.Vinayagamo orthi	Environment Challenges in Diffusing the Pollution	Dept. of Science and Humanities,	15.02.2013	-

4	Dr. R. Anbarasan		NEC, Kovilpatti		
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2011-2012

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
FDP					
1	R.Anbarasan	Advanced Nano materials process characterization and application	National Institute of Technology, Calicut	6.07.2011	12.07.2011
2.	S.Kailash	Plastic Processing Technology	Centre for faculty development , Chennai	13.06.2011	19.06.2011
3.	K.R.Muthuukumar				
WORKSHOP					
1.	K.R.Muthuukumar	Nano coating and application	Dept of Manuf engg, CEG campus Anna univ., Chennai	30.05.2011	-
2.	R.Anbarasan	Recent Trends in Inorganic Materials RTM -12	Defence Research and Development organization, NEC, Kovilpatti	09.03.2012	10.03.2012

2010-2011

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	K.R.Muthuukumar	Labview core 1 and 2	National Instruments, Chennai	21.02.11	25.02.11
2.	R. Baskaran	Composite Material Technology	MIT, Chennai	06.12.10	12.12.10
3.	S.Kailash				

2009-2010

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
FDP					
1	Ms.M.G.Sribala	Short term training Course in Rubber Technology	Rubber Training Centre, Kottayam	04.01.10	08.01.10
2.	T.Senthil				
WORKSHOP					
1	Ms.M.Jeyapriya	Product development using reverse engineering alis hyper mesh, CFD – ACET, UG NX mold wizard, virtual reality and rapid prototyping	PSG College of Technology at Coimbatore	27.07.09	-
2	Mr.K.R.Muthukumar	Role of Faculty in Shaping the Best Thenocrats	Avinashilingam University for women, Coimbatore	11.11.09	12.11.09

Conferences (Attended)

S.No	Faculty/Student Name	Conference Title	Place	Date
<b>2013-14</b>				
1.	Ms.M.Jeyapriya	Third National conference on Advanced Functional Materials and Applications(NCAFM A-2014)	Dept. of Chemistry, Kalasalingam University, Krishnankovil	21 & 22 March 14
2.	Mr.K.Agathian			
3.	Dr.R.Anabarasana			
4.	Dr.S.Vinayagamoorthy	Emerging concepts and Trends in Bioinorganic Chemistry(ECTBC'14)	Chemistry Research Centre, National Engineering College, Kovilpatti	07 & 08 feb 2014
5.	S.Gandhi			
6.	A.Murugasan			
7.	B.Rajkumar			
8.	M.Jeyapriya			
9.	S.Kailash			
10.	P.Jeyaraman			
11.	Ms. M.Jeyapriya			
12.	Dr.R.Anbarasan	Recent Trends in Novel Drug Delivery	Dept. Of Pharmaceutical	7 and 8 Nov 2013

		Systems	Technology, Anna University, BIT campus, Tiruchirapalli.	
<b>2012-13</b>				
13.	Dr. R. Anbarasan	Application of nanotechnology in environmental bioprocessing	Kongu Engineering College, Perundurai, Erode	21 st july 2012
14.	Mr. B. Rajkumar			
15.	Mr. A. Murugesan			
16.	Mr. P. Ramkumar			
17.	Mr. K. Agathian			
18.	Mr. B. Rajkumar	Recent trends in chemistry-III	Sfr College Sivakasi	11-12 MAR 2013
19.	Mr. S. Kailash			
20.	Dr. R. Anbarasan	ICAMEI 2012	Dept. of mechanical engineering, College of engineering and management, Kolaghat	27.12.12 and 28.12.12
<b>2011-12</b>				
21.	R.Anbarasan	Recent Advances in materials processing	PSG College, Coimbatore	23.12.2011 to 24.12.2011
22.	S.Kailash			
23.	R.Anbarasan	Emerging Trends in Developing Eco-friendly and Energy efficient elastomeric material and processing technology	Indian Rubber Manufacturers research Association, Mumbai	20.01.2012 to 21.01.2012
24.	R.Anbarasan	Recent Trends in Materials Chemistry and Engineering	RNS Institute of Technology, Bangalore	29.09.2011 to 30.09.2011
25.	A.Murugesan	Advanced functional materials and application	Kalasalingam University, Krishnankovil	16.12.2011 to 17.12.2011
26.	P.Ramkumar			
27.	K.R.Muthuukumar			
28.	S.Kailash			
29.	B.Rajkumar			

<b>2010-11</b>				
30.	Dr. R. Anbarasan	Polymers in medical and biology application	Bannari amman institute of technology, Sathyamangalam	07 & 08.01.11
<b>2009-10</b>				
31.	Ms.M.G.Sribala	Madurai Rubber 2010, Technological Excellence	Organized by CII, Madurai Zone	05.03.10
32.	Ms.M.Jeyapriya			

Conferences (Presented)

S.No	Faculty/ Student Name	Paper Title	Conference Title	Date
<b>2013-14</b>				
1.	Dr.R.Anbarasan	Synthesis and characterization of PCL/Ferrite-acid fusion nanocomposites	ICRTST2013, Kolaghat	27 -29 Dec 13
2.	Ms.M.Jeyapriya	Synthesis and characterization of pH responsive dye grafted PVC	ICRTST2013, Kolaghat	27 -29 Dec 13
3.	Dr.R.Anbarasan	Synthesis and characterization of PCL/Ferrite-safranin nanocomposites	Advances in new materials ICAN - 2014, Univ. of madras, chennai	20-21 june 14
4.	M.Jeyapriya	Synthesis and characterization of Glutathione initiated PCL	Emerging concepts and Trends in Bioinorganic Chemistry(ECTBC' 14), NEC, Kovilpatti	07 and 08 feb 14
5.	S.Kailash	Synthesis and characterization of polymer based splinting material	Emerging concepts and Trends in Bioinorganic Chemistry(ECTBC' 14), NEC, Kovilpatti	07 and 08 feb 14
<b>2012-13</b>				
6.	Mr. M. Jeyapriya	Synthesis And Characterization Of Diblock Copolymer Nanomicelles	ICAMEI 2012 Dept. of mechanical engineering, College of engineering and	27.12.12 and 28.12.12

			management, Kolaghat	
7.	Mr. B. Rajkumar	Synthesis and characterization of fluorescent biopolymer	Sfr College Sivakasi	11-12MAR 2013
<b>2009-10</b>				
8.	Dr.C.T.Vijayakumar	Synthesis and Characterization of Super absorpents polymers	MIT, Chennai	04.03.10
9.	Mrs.R.Sabari mala	Enhancing the workability of recycled rubber –asphalt applications	Institute of Chemical Technology, Mumbai	19.02.10 To 21.02.10
10.	Mrs.R.Sabari mala	Cost effective Management of rice husk ash as fillers in NBR 19.02.10 To 21.02.10 matrix as a partial substitute for carbon black	Institute of Chemical Technology, Mumbai	19.02.10 To 21.02.10

#### IT DEPARTMENT

(i) Faculty Development Programs /Training Programs Attended:

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2008-09	P.Antony Seba	10.11.08 – 23.11.08	FDP	Distributed Systems – An Academic and Industrial Perspective	PSG College of Technology, Coimbatore
2	IT		Mr.S.Radhakrishnan	23.06.09 – 26.06.09	FDP	FDP –MAFoi	Kamaraj College of Engineering and Technology, Virudhunagar
3	IT		P.Antony Seba	19.09.09	FDP	J2EE and Best Practices in Application Development	ICT Academy of Tamilnadu, Anna University, Tiruchirappalli
1	IT	2009-10	D.Kayathri Devi	24.05.10 – 25.05.10	FDP	Mathematical Model For Engineering problems	Kamaraj College of Engineering and Technology, Virudhunagar
2	IT		N.Senthil Madasamy	24.05.10 – 25.05.10	FDP	Mathematical Model For Engineering problems	Kamaraj College of Engineering and Technology, Virudhunagar

3	IT		M.Chengathir Selvi	24.05.10 – 25.05.10	FDP	Mathematical Model For Engineering problems	Kamaraj College of Engineering and Technology, Virudhunagar
4	IT		M.Chengathir Selvi	23.06.09-26.06.09	FDP	Faculty Development Program	Ma Foi Acadamy, KCET , Vnr
1	IT	2010-11	Mrs.P.Antony Seba	10.12.11 17.12.11	FDP	JAVA Programming	
1	IT	2011-12	D.Kayathri Devi	10.02.12 – 11.02.12	FDP	Research Issues and Optimization in Cloud Computing	K.L.N College of Engineering , Pottapalayam
2	IT		D.Kayathri Devi	26.04.12 – 02.04.12	FDP	Certificate in JAVA Programming	ICT Academy of tamilnadu, Chandy College of Engineering , Tuticorin
3	IT		R.Arthy	09.05.12 – 10.05.12	FDP	A Complementary Essentials of MATLAB and LABVIEW Theory and Practice	V.M.KV Engineering College ,Salem
4	IT		E.Vakaimalar	09.05.12 – 10.05.12	FDP	A Complementary Essentials of MATLAB and LABVIEW Theory and Practice	V.M.KV Engineering College ,Salem
5	IT		P.Antony Seba	14.05.12 – 27.05.12	FDP	E-Learning and Web services	Mahalingam College of Engineering and Technology, Pollachi
6	IT		D.Kayathri Devi	14.05.12 – 27.05.12	FDP	E-Learning and Web services	Mahalingam College of Engineering and Technology, Pollachi
1	IT	2012-13	M.Chengathir Selvi	17.12.12 to 23.12.12		Research Issues and Image Processing Techniques Using Matlab	M.S.University, Tirunelveli
2	IT		R.Arthy	12.04.13		Java Fundamentals and Java	Oracle Academy

						Programming	
1	IT	2013-14	B.Selvakumar	20.05.13 – 02.06.2013	FDP	AICTE sponsored Two week staff development programme on “Recent Trends and Research Challenges in wireless networks”	Government College of Engineering , Bargur , Krishnagiri
2	IT		B.Selvakumar	3.06.13 - 9.06.13	FDP	IT71 – Service Oriented Architecture	Mepco Schlenk Engineering College , Sivakasi
3	IT		E.Vakaimalar	26.06.13 – 29.06.13	FDP	Theory of Computation	Kamaraj College of Engineering and Technology, Virudhunagar
4	IT		R.Arthy	26.06.13 – 29.06.13	FDP	Theory of Computation	Kamaraj College of Engineering and Technology, Virudhunagar
5	IT		N.Senthil Madasamy	10.06.13 – 20.06.13	FDP	Think – Parallel Programming for Engineers and Scientists	C-DAC Bangalore
6	IT		R.Alageswaran	8.07.13 – 10.07.13	FDP	FEEL Teacher Learning and Development Intervention	Kamaraj College of Engineering and Technology, Virudhunagar
7	IT		N.Senthil Madasamy				
8	IT		E.Vakaimalar				
9	IT		S.Radhakrishnan				
10	IT		C.Anitha				
11	IT		R.Arthy				
12	IT		M.Chengathir Selvi				
13	IT		D.Kayathri Devi				
14	IT		D.Vendhan				
15	IT		A.Angel				
16	IT		T.Akilandeswari				
17	IT		N.Senthil Madasamy	10.06.13 – 20.06.13		Think parallel Programming for Engineers and Scientists	C-DAC Bangalore
18	IT		B.Selvakumar	17.12.13 –		Information Security on Virtual	C-DAC Delhi

				28.12.13		Training Environment(VTE)	
19	IT		R.Alageswaran	2.12.2013-14.12.2013	FDP	Communicative English	Col's Calibre, in Kamaraj College of Engineering and Technology, Virudhunagar
20	IT		N.Senthil Madasamy				
21	IT		E.Vakaimalar				
22	IT		S.Radhakrishnan				
23	IT		C.Anitha				
24	IT		M.Chengathir Selvi				
25	IT		P.Antony seba				
26	IT		D.Kayathri Devi				
27	IT		B.Selvakumar				
28	IT		D.Vendhan				
29	IT		G.Jameena				
30	IT		M.Arumugalakshmi	28.05.2014-14.06.2014	FDP	Communicative English	Col's Calibre,Coimbatore
31	IT		T.D.Rajeeve		FDP	Communicative English	Col's Calibre,Coimbatore
32	IT		Dr.R.Alageswaran	25.02.2014		NPTEL Online Certification Courses	IIT Madras
33	IT		B.Selvakumar	27.02.2014 – 28.02.2014		Big Data Analysis and Cyber Security	Hindustan University, Chennai
1	IT	2014-15	D.Vendhan	14.07.14 - 18.07.14		FP Training Tools and Teaching Methodologies	Karpagam College of Engineering, Coimbatore
2	IT		T.D.Rajeeve	14.07.14 - 18.07.14		FP Training Tools and Teaching Methodologies	Karpagam College of Engineering, Coimbatore

## Seminars

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2008-09	Mrs S.Arumuga Devi	05.06.09-06.06.09	Seminar	Number theory and its recent research Directions in Cryptography	NEC,Kovilpatti

### 2009 – 10

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2009-10	Mr.N Senthil Madasamy	27.02.10	Seminar	Next Generation Wireless Technologies	IETE, Thiruvananthapuram
2	IT	2009-10	Mr.S.Radhakrishnan	27.02.10	Seminar	Next Generation Wireless Technologies	IETE, Thiruvananthapuram
3	IT	2009-10	Mrs S.Arumuga Devi	27.02.10	Seminar	Next Generation Wireless Technologies	IETE, Thiruvananthapuram

### 2010 – 11

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2010-11	Mr.S.Radhakrishnan	22.01.11	Seminar	Cloud Computing	IETE Trivandrum
2	IT	2010-11	Mr.N.Senthil Madasamy	28.01.11 to 29.10.11	Seminar	Research Issues in Wearable Computing	NEC,Kovilpatti
3	IT	2010-11	Mr.S.Binu	10.01.11 to 13.01.11	Seminar	Recent Trends in Grid Computing and its application in Bioinformatics	RMD Engineering College ,Chennai

## 2012 – 13

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2012-13	A.Angel	02.08.12 – 03.08.12	Seminar	Security Issues in Mobile AD-HOC Networks	Sethu Institute of Technology, Kariapatti
2	IT	2012-13	P.Rajalakshmi	02.08.12 – 03.08.12	Seminar	Security Issues in Mobile AD-HOC Networks	Sethu Institute of Technology, Kariapatti

## 2013 – 14

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2013-14	M.Chengathir Selvi	13.03.13 – 14.03.13	seminar	Two days Seminar on Parallel Computing Techniques for Engineering and Industrial Applications, Tools and Research Issues	Mepco Schlenk Engineering College , Sivakasi

Workshop  
2008 – 09

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2008-09	Mrs.C.Anitha	19.11.08-20.11.08	Workshop	Server Administration for Internet	Mepco Schlenk engg college,Sivakasi
2	IT	2008-09	Mr.N Senthil Madasamy	17.07.08-18.07.08	Work shop	C# and .NET Framework	KLNCIT, Pottapalayam
3	IT	2008-09	Mrs R.Arthy	19.11.08-20.11.08	Workshop	Server Administration for Internet	Mepco Schlenk engg college,Sivakasi

## 2009 - 10

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2009-10	Mr.N Senthil Madasamy	13.03.10	Work shop	Research Trends In Grid computing	Kalasalingam University , Krishnancoil

2	IT	2009-10	Mr.N Senthil Madasamy	25.07.09- 26.07.09	Work shop	middleware Technologies	Anna University , Trichy
3	IT	2009-10	Mr.N Senthil Madasamy	10.10.09	Work shop	Recent Trends in Wireless Networks	Einstein College Of Engg, Tirunelveli

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2010-11	Mr.S.Radhakrishnan	10.01.11-13.01.11	Work shop	Web services and Service Oriented Architecture	KCET,Vnr
2	IT	2010-11	Mr.N.Senthil Madasamy	10.01.11 to 13.01.11	Work shop	Web services and Service Oriented Architecture	KCET,Vnr
3	IT	2010-11	Mr.S.Binu	10.01.11 to 13.01.11	Work shop	Web services and Service Oriented Architecture	KCET,Vnr
4	IT	2010-11	Mrs.E.Vakai malar	10.01.11 to 13.01.11	Work shop	Web services and Service Oriented Architecture	KCET,Vnr
5	IT	2010-11	Ms.T.Akilandeswari	10.01.11 to 13.01.11	Work shop	Web services and Service Oriented Architecture	KCET,Vnr
6	IT	2010-11	Mrs.M.Chengathir Selvi	10.01.11 to 13.01.11	Work shop	Web services and Service Oriented Architecture	KCET,Vnr
7	IT	2010-11	Mrs.R.Arthy	11.02.11 - 12.02.11	Work shop	Digital Image Processing Using MATLAB	National Engineering College ,Kovilpatti
8	IT	2010-11	Mrs.C.Anitha	11.02.11 - 12.02.11	Work shop	Digital Image Processing Using MATLAB	National Engineering College , Kovilpatti
9	IT	2011-12	D.Kayathri Devi	09.09.11	Workshop	Service Oriented Architecture	Thiagarajar College of Engineering , Madurai
10	IT	2011-12	P.Antony Seba	09.09.11	Workshop	Service Oriented Architecture	Thiagarajar College of Engineering , Madurai
11	IT	2011-12	R.Arthy	30.09.11 – 01.11.11	Workshop	Wavelet and Sparse Signal representation	Thiagarajar College of Engineering ,Madurai
12	IT	2011-12	D.Kayathri Devi	25.11.11	Workshop	Queuing	Sethu

						Models and its Applications for Computer and Communication engineers	Institute of Technology, Karaipatti
13	IT	2011-12	P.Antony Seba	06.01.12 – 07.01.12	Workshop	XML and web services	Kongu Engineering College, Erode
14	IT	2011-12	D.Kayathri Devi	04.02.12 – 05.02.12	Workshop	Cloud Computing	Thigarajar College of Engineering, Madurai
15	IT	2010-11	Mrs.E.Vakai malar	30.09.11- 1.10.11	Work shop	Wavelet and Sparse signal Representation	Thiyagarajar college of Engineering, Madurai

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2012-13	Mr.S.Radhakrishnan	25.06.12 – 04.07.12	Workshop	Introduction to Research Methodologies	Cape Institute of Technology, Tirunelveli
2	IT	2012-13	Mr.S.Radhakrishnan	31.08.12 – 01.09.12	Workshop	MATLAB programming	Kongu Engineering College, Erode
3	IT	2012-13	D.Kayathri Devi	12.09.12 – 14.09.12	Workshop	Cloud Computing	Madras Institute of Technology Campus, Anna University, Chennai
4	IT	2012-13	M.Chengathir Selvi	06.10.12	Workshop	Middleware Technologies	Mepco Schlenk Engineering Collge, Sivakasi
5	IT	2012-13	P.Antony Seba	27.09.12- 29.09.12	Workshop	FP training tools and methodologies	KCET, Vnr

2013 – 14

Sl. No .	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
1	IT	2013-14	N.Senthil Madasamy	28.12.13	Workshop	Effective Leadership	M.A.M College of Engineering, Trichy
2	IT	2013-14	M.Chengathir Selvi	08.01.14 - 09.01.14	Workshop	National Workshop on MATLAB and its Applications in Computational Intelligence	SRM University, SRM Nagar, Kattankulathur, Kanchipuram
3	IT	2013-14	M.Chengathir Selvi	28.03.14 - 29.03.14	Workshop	Workshop on Soft Computing Application in Digital Image Processing	Kalasalingam University, Anand Nagar, Krishnankoil
4	IT	2013-14	P.Antony Seba	05.05.14 – 07.05.14	Workshop	TEQIP Sponsored three days workshop on “Tools and Techniques for Cloud Computing and Big Data”	Thiagarajar College of Engineering, Madurai
5	IT	2013-14	S.Radha Krishnan	21.08.13- 22.08.13	Workshop	Image processing	Sethu Institute Of Technology, Kariapatti

6	IT	2013-14	R.Arthy`	29.05.13 – 31.05.13	Workshop	Web Application Development using ASP.Net	Jayaram College of Engineering and Technology,Trichy
7	IT	2013-14	E.Vakaimalar	13.09.13 – 14.09.13	Workshop	Softcomputing Techniques using MATLAB	Technology Business Incubator @ Kongu Engineering College , Perundurai

National / International Conference

Sl. No.	Department	Academic Year	Name of staff	Date	Nature of event	Details of event attended	Place of event
2013-14							
1	IT	2013-14	Mr.S.Radhakrishnan	08.06.13 – 09.06.13	A Hybrid Method for multiple Description image Coding	National Conference on Emerging Trends in Information & Computer Technology	Kingston Engineering College
2	IT	2013-14	N.Senthil Madasamy	28.08.2013 and 29.08.2013	Optimization of cloud resource service adaptability using genetic algorithms	International Conference on IT and Intelligent Systems(ICITIS'2013)	Penang (Malaysia)
3	IT	2013-14	G.Ramkumar	05.12.2013 – 06.12.2013	Local Transitional Pattern on Gabor Filtered for Face Expression	TEQIP II Sponsored National Conference on Information Technology(NCIT 2013),	Pondicherry Engineering College , Pondicherry
4			R.Alageswaran	March 2014	Performance Analysis and Throughput	International conference on Innovations in Engineering and Technology – ICIET'14	K.L.N College of Engineering, Madurai

					Maximization using Flooding approach in Wireless Sensor Networks		
5	IT	2013-14	R.Alageswaran	2-4 December 2013	A novel Zigbee Based Wireless Sensor Network For Intelligent Street Lightening System	International conference on Disaster mitigation and management towards sustainable development	Periyar maniammai University, Thanjavore
6	IT	2013-14	Mrs. P.Antony Seba	28.03.14	Extrinsic Plagiarism detection using lexical analysis and longest common subsequence(LCS)	First International conference on VLSI Computation , networking , drives and system Design	SIT,Kariapatti
7	IT	2013-14	Mrs. P.Antony Seba	04.04.14	Graphical password in virtual Operating system by cloud computing	Fourth National conference on "Recent Trends in Computing ,Communication and Technology"	PSR Engineering College,Sivakasi
2012-13							
1	IT	2012-13	T.Akilandeswari	25.05.2013 – 26.05.2013	Candidate Tree in Bud pattern selection & Classification using Ball Scale Encoding Algorithm	International Conference on Computational Intelligence 2013	Sethu Institute of Technology,Kariapatti
2	IT	2012-13	R.Ranjith	25.03.2013 -	Secure Cloud storage with	IEEE International Conference on Emerging Trends in computing ,	Infant Jesus College of Engineering and Technology, Tuticorin

				26.03.2013	effective Renewal Policy	communication and Nano Technology	
3	IT	2012-13	R.Saranya	05.04.2013	Zero watermarking using sectional obfuscation scheme	Third National conference on “Embryonic Technologies in Information and Computing	Sree Sowdamika College of Engineering, Chettikurichi, Aruppukottai
4	IT	2012-13	J.Ummal Regina	05.04.2013	Solitary Bit Compression For Low Time Conception in L2 cache	Third National conference on “Embryonic Technologies in Information and Computing	Sree Sowdamika College of Engineering, Chettikurichi, Aruppukottai
5	IT	2012-13	A.Vincent Antony Kumar	10.04.2013	Optimization of Resource Allocation using GA in Cloud Computing	Eight National Conference on Advances in Computer Engineering and Networking	PSNA College of Engineering and Technology, Kothandaraman Nagar, Dindigul
2011-12							
1	IT	2011-12	Ms. D.Kayathri Devi	20.02.12 – 21.02.12	A proposal for secured online Electronic voting system with blind signature using Dual RSA	AICTE Sponsored National Conference on “HI-TECH trends in emerging computational Technologies “,	Sethu Institute of Technology, Kariapatti
2010-11							
1	IT	2010-11	Mr.S.Radhakrishnan	16.12.10 - 18/12/10	Conference/ Presented	GPPM Tree in CFA image Compression	International Conference ICETMCA’2010 Mepco Schlenk Engineering College, Sivakasi
2009-10							
1	IT	2009-10	Mrs. P.Antony Seba	26/02/2010	Dynamic multimedia web	ICBIRD 2010	IMT ,Ghaziabad

					services orchestratio n		
2	IT	2009-10	Ms. S.Arumuga Devi	5 <sup>th</sup> and 6 <sup>th</sup> March 2010	A study of Color Image segmentatio n Algorithms using soft computing techniques	NACIPAN'10	Department of CSE, National Engg College ,Kovipatti
3	IT	2009-10	Mrs. M.Chengathir Selvi	6.08.09 & 7.08.09	Fingerprint Recognition Algorithm Using Gabor Wavelet Multi Resolution Transform	National Conference on "Image Processing" ,	ANJAC, Sivakasi

Guest Lectures  
Academic year 2011 - 2012

Sl. No.	Name of staff	Date	Nature of event	Topic	Place of event
1	P.Antony Seba	12.09.2011	Guest Lecture	Computer	V.V.Vanniaperumal College For Women, Virudhunagr
2	D.Kayathri Devi	11.10.2011	Guest lecture	Network Security	Nadar Saraswathi College of Arts and Science , Theni
3	P.Antony Seba	28.01.2012	Workshop	XML and Web Services	The Standard Fireworks Rajaratnam College For Women, Sivakasi

Academic year 2012 - 2013

Sl. No.	Name of staff	Date	Nature of event	Topic	Place of event
4	D.Kayathri Devi	30.08.2012	Guest lecture	Cloud Computing	V.V.Vanniaperumal College For Women, Virudhunagr
5	D.Kayathri Devi	25.09.2012	Resource Person	One day Workshop on "FOSS-Linux"	Sethu Institute of Technology,Karaipatti

Sl. No.	Name of staff	Date	Nature of event	Topic	Place of event
1	R.Alageswaran	31.10.13	Guest lecture	Wireless Sensor Networks and Simulation Tools	SASTRA University , Thanjavur
	R.Alageswaran	31.01.2014	Guest Lecture	WSN Technologies and applications for Green Computing	K.L.N College of Engineering ,Madurai

**EEE DEPARTMENT**

(i) Faculty Development Programmes/Training Programs Organized:

S.No.	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1.	One Week Faculty Development Programme on Transmission & Distribution	Centre for Faculty Development, Anna University, Chennai	17.05.2012	24.05.2012
2.	2 Days National Conference on Advanced Technologies in Electrical Engineering	Council of Scientific and Industrial Research	15.03.2013	16.03.2013
3.	One Week Faculty Development Programme on Electromagnetic Theory	Centre for Faculty Development, Anna University, Chennai	12.05.2014	19.05.2014

(ii) Faculty Development Programs /Training Programs Attended:

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
1	Dr.S.Nagalakshmi	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013

2	Mrs.S.Sangeetha	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013
3	Mr. M.Kandasamy	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013
4	Mr.A.Thenkani	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013
5	Mr.G.Sakthivel	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013
6	Mr.S.Rajesh babu	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013

S.N o.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
7	Mr.Prince Winston	FEEL Teacher	College for Leadership and Human Resource Development	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013
8	Dr.S.Nagalakshmi	Intelligent optimization and control for power systems	Thiagarajar College of Engineering	7.12.2009	18.12.2009
9	Dr.S.Kalyani	Soft Skills Training	INFOSYS Work Senses	25.5.2012	29.5.2012
10	Dr.S.Jeyadevi	Soft Skills Training	INFOSYS Work Senses	25.5.2012	29.5.2012
11	Dr.S.Nagalakshmi	Soft Skills Training	INFOSYS Work Senses	25.5.2012	29.5.2012
12	Mrs.K.Muthulakshmi	Soft Skills Training	INFOSYS Work Senses	25.5.2012	29.5.2012
13	Mr. M.Kandasamy	Soft Skills Training	INFOSYS Work Senses	25.5.2012	29.5.2012
14	Dr.S.Nagalakshmi	Solar PV Technologies and Power Generation	Thiagarajar College of Engineering	19.1.2013	20.1.2013
15	Mrs.R.Shanthi	Electro Magnetic Theory	Sethu Institute Of Technology	25.5.2012	01.6.2012
16	Dr.S.Kalyani	Course on NI LABVIEW Core 1	KCET	15/07/2011	17/07/2011
17	Dr.S.Kalyani	Course on NI LABVIEW Core 2	KCET	1/08/2011	01/08/2011

18	Dr.S.Kalyani	Power Crisis and Renewable Energy	Institution of Engineers (India) & TCE	03/03/2012	03/03/2012
19	Dr.S.Kalyani	Soft skills Training	KCET	25/05/2012	29/05/2012
20	Dr.S.Kalyani	Smart Grids	AUT, Madurai	27/07/2012	28/07/2012
21	Dr.S.Kalyani	Enlight the Teach Track	ICTACT Academy of Tamilnadu	October 2013	October 2013
22	Dr.S.Kalyani	Communicative English	KCET	18/11/2013	30/11/2013
23	Dr.S.Kalyani	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
24	Dr.S.Kalyani	TEQIP sponsored One Day Course on Design & Development of Hybrid Generation Systems – A Practical Approach	Thiagarajar College of Engineering	15.3.2014	15.3.2014
25	Dr.S.Jeya Devi	Automation Engineering' (NI LABVIEW)	KCET	21/09/2011	23/09/2011
26	Dr.S.Jeya Devi	Power Crisis and Renewable Energy	Institution of Engineers (India) & TCE	03/03/2012	03/03/2012
27	Dr.S.Jeya Devi	Soft skills Training	KCET	18/05/2012	22/05/2012
28	Dr.S.Jeya Devi	Smart Grids	AUT, Madurai	27/07/2012	28/07/2012
29	Dr.S.Jeya Devi	Harmonics and Power Quality Issues in Industries	TCE	03/11/2012	03/11/2012
30	Dr.S.Jeya Devi	Finite Element Analysis	KCET	03/12/2012	09/12/2012
31	Dr.S.Jeya Devi	Solar PV Electric Conversion systems	NIT, Trichy	18/01/2013	19/01/2013
32	Dr.S.Jeya Devi	Funding proposals for Research & Development	R&D unit of KLNCE	26/10/2013	26/10/2013
33	Dr.S.Jeya Devi	Communicative English	KCET	18/11/2013	30/11/2013
34	Dr.S.Jeya Devi	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
35	Dr.S.Jeya Devi	ISTE Sponsored Seminar on How to	K. L. N college of Engineering	26.10.2013	26.10.2013

		write Project Proposal to funding agency			
36	Dr.S.Nagalakshmi	Advanced Techniques for effective energy conservation	KCET	20/11/2008	21/11/2008
37	Dr.S.Nagalakshmi	Faculty Development Program” conducted by MAFOI Academy	KCET	23/06/2009	26/06/2009
38	Dr.S.Nagalakshmi	Intelligent optimization and control for power systems	TCE	07/12/2009	18/12/2009
39	Dr.S.Nagalakshmi	Power Crisis and Renewable Energy	Institution of Engineers (India) & TCE	03/03/2012	03/03/2012
40	Dr.S.Nagalakshmi	Soft skills Training	KCET	25/05/2012	29/05/2012
41	Dr.S.Nagalakshmi	Harmonics and Power Quality Issues in Industries	TCE	03/11/2012	03/11/2012
42	Dr.S.Nagalakshmi	Solar PV Technologies and Power Generation	NIT, Trichy	19/01/2013	20/01/2013
43	Dr.S.Nagalakshmi	Communicative English	KCET	18/11/2013	30/11/2013
44	Dr.S.Nagalakshmi	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
45	Dr.S.Nagalakshmi	TEQIP Sponsored FDP on Energy Management and Conservation	Thiagarajar College of Engineering	28.11.2013	29.11.2013
46	Mrs.K.Muthulakshmi	Communicative English	KCET	18/11/2013	30/11/2013
47	Mrs.K.Muthulakshmi	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
48	Dr.D. Prince Winston	FDP on Communication Skills	KCET	02.12.2013	14.12.2013
49	Dr.D. Prince Winston	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
50	Mrs.B.Noorul Hamitha	FDP on Communication Skills	KCET	02.12.2013	14.12.2013
51	Mrs.B.Noorul Hamitha	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
52	Mrs.B.Noorul Hamitha	FDP on Electromagnetic	KCET	12.05.2014	19.05.2014

		Theory			
53	Mrs.S. Sangeetha	FDP on Communication Skills	KCET	02.12.2013	14.12.2013
54	Mrs.S. Sangeetha	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
55	Mrs.S. Sangeetha	FDP on Electromagnetic Theory	KCET	12.05.2014	19.05.2014
56	Mrs.R. Shanthi	FDP on Communication Skills	KCET	02.12.2013	14.12.2013
57	Mrs.R. Shanthi	FDP on “ Research issues and Emerging Trends in Control Systems Engineering	Thiagarajar College of Engineering	14.2.2014	15.2.2014
58	Mrs.R. Shanthi	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
59	Mr.M.Kandasamy	Graphical Programming using LabVIEW	KCET	03.03.2014	04.03.2014
60	Mr.M.Kandasamy	Application of MATLAB/Simulink to Electrical Engineering	VIT university	20/12/2010	21/12/2010
61	Mr.M.Kandasamy	Application of Neural Networks to Power Systems	KCET	09/04/2011	09/04/2011
62	Mr.M.Kandasamy	Intelligent Control using MATLAB	Kumaraguru college of technology	16/12/2011	17/12/2011
63	Mr.M.Kandasamy	Communicative English	KCET	18/11/2013	30/11/2013
64	Mr.M.Kandasamy	Workshop on Simulation and Prototype Model of Power Electronics Circuits using PSPICE	VIT University	14.3.2014	15.3.2014
65	Mr.S.Rajesh babu	Communicative English	KCET	18/11/2013	30/11/2013
66	Mr.S.Rajesh babu	FDP on “ Design and Development of FACTS controller	Thiagarajar College of Engineering	31.1.2014	1.2.2014
67	Mr.S.Rajesh babu	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
68	Mrs.S.Kalpana	Issues in Restructured Electrical Power	Velammal college of Engg & Tech	18/02/2012	18/02/2012

		Market			
69	Mrs.S.Kalpana	Communicative English	KCET	18/11/2013	30/11/2013
70	Mrs.M.Eswari	Communicative English	KCET	18/11/2013	30/11/2013
71	Mrs.M.Eswari	Workshop on Microcontroller Based Embedded System Design	Mepco Schlenk Engineering College	16.12.2013	18.12.2013
72	Mrs.M.Eswari	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
73	Mr.A.Thenkani	Automation Engineering	KCET	21/09/2011	23/09/2011
74	Mr.A.Thenkani	Make Research Simple	Arunachala College of Engineering For Women	10/12/2011	10/12/2011
75	Mr.A.Thenkani	Instructional Design and Delivery System	P.S.R.R.College of Engg. For Women	28/05/2012	01/06/2012
76	Mr.A.Thenkani	Research Methodologies and issues in Electrical Engineering	P.S.R.Engineering College	08/06/2012	09/06/2012
77	Mr.A.Thenkani	Technical Documentation using LaTeX	KCET	10/01/2013	11/01/2013
78	Mr.A.Thenkani	Solar PV Electric Conversion Systems	NIT, Trichy	18/01/2013	19/01/2013
79	Mr.A.Thenkani	FDP on Communication Skills	KCET	02.12.2013	14.12.2013
80	Mr.A.Thenkani	TEQIP Workshop on Renewable Energy in MATLAB	Alagappa chettiar college of Engineering and Technology	8.1.2014	10.1.2014
81	Mr.A.Thenkani	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
82	Mr.A.Thenkani	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
83	Mr.G.Sakthivel	Communicative English	KCET	18/11/2013	30/11/2013
84	Mr.G.Sakthivel	Two day workshop on Design of Electrical Drives	Thiagarajar College of Engineering	31.1.2014	01.02.2014
85	Mr.G.Sakthivel	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014

86	Mr.G.Sakthivel	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
87	Ms.M.Gokila	Communicative English	KCET	18/11/2013	30/11/2013
88	Ms.M.Gokila	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
89	Mr.B.Gurukarthik Babu	Communicative English	KCET	18/11/2013	30/11/2013
90	Mr.B.Gurukarthik Babu	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
91	Mr.B.Gurukarthik Babu	National Seminar on Recent Advancements in the field of high Voltage Testing Techniques	National Engineering college, Kovilpatti	27.12.2013	27.12.2013
92	Mr.B.Gurukarthik Babu	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
93	Ms.P.Amirtha Priscilla	Communicative English	KCET	18/11/2013	30/11/2013
94	Ms.P.Amirtha Priscilla	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
95	Ms.P.Amirtha Priscilla	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
96	Mr.A.Azarudeen	Communicative English	KCET	18/11/2013	30/11/2013
97	Mr.A.Azarudeen	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
98	Mr.A.Azarudeen	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
99	Ms.G.Saranya Devi	Communicative English	KCET	18/11/2013	30/11/2013
100	Ms.G.Saranya Devi	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
101	Ms.G.Saranya Devi	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
102	Ms.J.Aswini	Communicative English	KCET	18/11/2013	30/11/2013
103	Ms. R. Shinu Sharmi	Communicative English	KCET	02/12/2013	14/12/2013
104	Ms. R. Shinu Sharmi	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014

105	Ms. R. Shinu Sharmi	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
106	Ms.J.Amala Preyadarchane	Communicative English	KCET	18/11/2013	30/11/2013
107	Ms.J.Amala Preyadarchane	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
108	Ms.L.Jenifier Sindhujah	Communicative English	KCET	02/12/2013	14/12/2013
109	Ms.L.Jenifier Sindhujah	FDP on “ Design and Development of FACTS controller	Thiagarajar College of Engineering	31.1.2014	01.02.2014
110	Ms.L.Jenifier Sindhujah	FDP on Fundamentals on Electrical & Electronics Engineering	KCET	03.03.2014	04.03.2014
111	Ms.L.Jenifier Sindhujah	FDP on Cyber Security & Networking	KCET	09.06.2014	13.06.2014
112	Ms. P. M. Devie	Communicative English	KCET		
113	Mr. D. Mariappan	Communicative English	Col’s Calibre, Coimbatore	02.07.2014	12.07.2014
114	Ms. K. Deepika	Communicative English	Col’s Calibre, Coimbatore	03.07.2014	12.07.2014

BT

i)Faculty Development Programs /Training Programs Attended:

Academic Year: 2014-15

S.No	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
1	Mr.A.Ronaldo Anuf	National level conference on Drug Design, Discovery & Development	Anna University tiruchirapalli	24/07/14	25/07/14
2	Mr.S.Karthikumar	Soft computing techniques for clinical decision making	PSNA college of engg & Tech	7/7/14	13/7/14

S. No	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
1	Ms.K.S.Vijayalakshmi	Emerging trends in chemical and environmental engineering	NIT-calicut	29 JUNE 2014	5 JULY 2014
2	Ms.G.Sainandhini	Emerging trends in chemical and environmental engineering	NIT-calicut	29 JUNE 2014	5 JULY 2014
3	Mr.V.C.Padmanaban	Emerging trends in chemical and environmental engineering	NIT-calicut	29 JUNE 2014	5 JULY 2014

S.N o.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
•	J. Kanimozhi	Recent research tends in Chemical and Environmental Engineering 2013	NIT, Calicut, Kerala	27 May, 2013	31, May, 2013
•	M. Soundarya lakshmi	Recent research tends in Chemical and Environmental Engineering 2013	NIT, Calicut, Kerala	27 May, 2013	31, May, 2013
•	J. Mercy Nisha Pauline	Training on Sequence Analysis and Molecular simulation	Anna University, Chennai	12 <sup>th</sup> Dec 2012	15 <sup>th</sup> Dec 2012
•	Dr.K.Geetha	Vision Genomics - Hands on Training in Ocular Genetics	Aravind Medical Research Foundation Madurai	3 <sup>rd</sup> Oct 2012	9 <sup>th</sup> Oct 2012
•	V.A.Mathura	Emerging Technologies for Biotechnology and chemical Processes	National Institute of Technology, Trichy.	31 <sup>st</sup> Aug 2012	1 <sup>st</sup> Sep 2012
•	M. Soundarya lakshmi	Emerging Technologies for Biotechnology and chemical Processes	National Institute of Technology, Trichy.	31 <sup>st</sup> Aug 2012	1 <sup>st</sup> Sep 2012
•	S. Manibalan	Faculty Development Program on "Entrepreneurship"	Bannari Amman Institute of Technology, Sathya mangalam	19 <sup>th</sup> Dec 2012	1 <sup>st</sup> Dec 2012
•	K.S.Vijayalakshmi	Diagnosis of Food Borne Pathogens using molecular Techniques	Bannari amman institute of Technology	2 APR 2012	6 APR 2012
•	Dr.M.Vasanthi	Capacity building on Women Managers in Higher Education	Avinashillingam Institute for Home Science and Higher Education for Women	2 <sup>nd</sup> Jan 2012	7 <sup>th</sup> Jan 2012

Academic year: 2010-11

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
1.	S. Maria Amalraj	LabVIEW – Core 1 and 2	NI Academy, Bangalore	20 <sup>th</sup> Dec 2010	24 <sup>th</sup> Dec 2010
2.	I. Ganesh Moorthy	LabView with hands on Training	SRM University, Chennai	11 <sup>th</sup> Dec 2010	15 <sup>th</sup> Dec 2010

Academic Year: 2009 – 10

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	To
1.	K.S. Vijayalakshmi	Application of Microbial and Molecular Techniques in Biotechnology	Mepco Shclenk Engg College, Sivakasi	19 <sup>th</sup> May 2010	20 <sup>th</sup> May 2010
2.	M. Aynul Rifaya	Application of Microbial and Molecular Techniques in Biotechnology	Mepco Shclenk Engg College, Sivakasi	19 <sup>th</sup> May 2010	29 <sup>th</sup> May 2010
3.	R. Karthik	Application of Microbial and Molecular Techniques in Biotechnology	Mepco Shclenk Engg College, Sivakasi	19 <sup>th</sup> May 2010	20 <sup>th</sup> May 2010
4.	P. Siva Sankari	Strain Selection and Improvement	Vivekanandha college of Engg for Women, Elayampalayam, Tiruchengode	13 <sup>th</sup> july 2009	26 <sup>th</sup> july 2009
5.	R. Karthik	Strain Selection and Improvement	Vivekanandha college of Engg for Women, Elayampalayam, Tiruchengode	13 <sup>th</sup> july 2009	26 <sup>th</sup> july 2009
6.	I.Ganesh Moorthy	Chemical Systems Modeling and Simulation	National Institute of technology, Trichy	13 <sup>th</sup> July 2009	17 <sup>th</sup> July 2009
7.	I. Ganesh Moorthy	Energy Conversation, Management and Audit	Sardar Vallabhai National Institute of Technology, Surat	21 <sup>st</sup> Dec 2009	25 <sup>th</sup> Dec 2009

# MECHANICAL

(i) Faculty Development Programmes/Training Programs Organized:

S.No	Name of the Programme / Topic	Sponsored by	Duration	
			From	To
1	FDP on finite element analysis	Centre of Faculty Development Chennai 25	03.12.12	09.12.12
2	FDP on Design of Transmission Systems	Centre of Faculty Development Chennai 25	10.12.2013	17.12.2013

(ii) Faculty Development Programs /Training Programs Attended:

FDP/Seminar/Workshop etc

2013-2014

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	Dr. A. Asha Dr.P.Manimaran Mr.S.Senthil Mr.K.Kannan Mr.P.Ganesan Mrs. N.Premalatha Mr.D.Palanikumar Mr.K.R.Srinivasan Mr.R.Siddharthan Mr.S.S.Saravana kumar Mr.S.Thanga Kasi Rajan Mr.R.Sakthivel Murugan Mr.N.R.Madhan	FEEL Teacher	College for Leadership and Human Resource Development (CLHRD, Mangalore)	8 <sup>th</sup> July 2013	10 <sup>th</sup> July 2013
2.	Dr. A. Asha Dr.P.Manimaran Mr.S.Senthil Mr.K.Kannan Mr.P.Ganesan Mrs. N.Premalatha Mr.D.Palanikumar Mr.K.R.Srinivasan	COLS CALIBER	Gandhipuram Coimbatore, Coimbatore - 641012	02.12.2013	14.12.2013

	Mr.R.Siddharthan Mr.S.S.Saravana kumar Mr.S.Thanga Kasi Rajan Mr.R.Sakthivel Murugan Mr.N.R.Madhan				
3	Mr.P.Narayanasam y	Thermal Engineering	Renganayagi Varatharaj College of Engg.	5.6.13	12.6.13
4	Mr.P.Ganesan	Shot term course on "MODELING OF MANUFACTURING PROCESSES"	NIT/TRICHY	25.7.13	27.7.13
5	Mr.P.Narayanasam y	Two day National workshop on "Advancements in Metal Forming"	Anna University Regional Centre, Coimbatore	8.4.14	9.4.14
6	Mr.P.Narayanasam y	workshop organized by Centre for Technology Development and Transfer on "R&D Project proposals awareness, needs & benefits"	held at Anna University, Chennai	28.06.2013	----

2012-2013

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	Mrs.N.Premalatha	HEAT AND MASS TRANSFER	KLN COLLEGE OF ENGG. MADURAI	3/12/12	10/12/12
2.	Mr.P.Ganesan	Wrokshop on technical documentation using LATAx	KCET,VNR	10.1.13	11.1.13
3.	Mr.P.Narayanasam y	Participated in two day Faculty Enhancement Program on "Effective Teaching Methodologies"	Renganayagi Varatharaj College of Engineering, Sivakasi	8.3.13	9.3.13

2011-2012

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1.	R. Siddharthan	STTP on Finite Element Method and Applications in Civil Engineering	IIT, Bombay	16.8.11	20.8.11
2.	Dr.A.Asha	ISTE Workshop on Thermodynamics in Mechanical Engineering,	Mepco Schlenk Engineering College-Sivakasi	14.6.11	24.06.11
3.	N. Premalatha	ISTE Workshop on Thermodynamics in Mechanical Engineering,	Mepco Schlenk Engineering College-Sivakasi	14.6.11	24.06.11
4.	M.K.Marichelvam	ISTE Workshop on Thermodynamics in Mechanical Engineering,	Mepco Schlenk Engineering College-Sivakasi	14.6.11	24.06.11
5.	R. Sakthivel Murugan	Training Program on automation Engineering	KCET, Virudhunagar	21.9.11	23.09.11
6.	R. Sakthivel Murugan	Workshop in Automotive Engineering	VIT,Vellore	16.9.11	18.9.11

2010-2011

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	S.S.Saravana Kumar	National level workshop on Recent advances in Friction Stir Welding.	NEC- Kovilpatti	13.10.10	...
2.	S.Chidambara Kumaran	FDP on Teaching Methodology for Transmission system Design.	KLN-Madurai	18..3.11	19.3.11
3.	P. Manimaran	FDP on Teaching Methodology for Transmission system Design.	KLN-Madurai	18..3.11	19.3.11

2009-2010

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1.	S. Senthil	FDP on Decision making in a Fuzzy Environment.	NIT- Calicut	1.6.09	5.6.09
2.	R. Siddharthan	FDP on Research methods in Science, Engineering & Management,	NIT- Calicut	8.6.09	19.6.09
3.	R. Siddharthan	SDP on Mathematical modelling & Simulation,	NIT- Surat	21.12.09	-25.12.09
4.	S.Chidambara Kumaran	STTP on Mechatronics: Integrated Technologies for Intelligent Machines,	IIT-Chennai	18.01.10	23.01.10
5.	D. Palani Kumar	STTP on Advanced Applications of Finite Element method	NIT- Surat	18.01.10	22.01.10
6.	R. Siddharthan	STTP on Spacecraft attitude dynamics and Control.	IIT- Bombay	17.05.10	21.05.10

Conferences (Attended)

S.No	Faculty/Student Name	Conference Title	Place	Date
1.	Mr.P.Ganesan	ADVANCES IN INDUSTRIAL ENGG APPLICATIONS	ANNA UNIVERSITY, CHENNAI	6.1.14-8.1.14

Conferences (Presented)

S.No	Faculty/Student Name	Paper Title	Conference Title	Date
1.	Mr.Thangakasi Rajan.S	Effect of Sliding Distance On 10% Tungsten Reinforced Copper Composite Material	2014 IEEE International Conference on Innovations in Engineering and Technology (ICIET'14)	21.3.14 & 22.3.14
2.	P.Ganesan	Comparative Study of Effect of Ammonium bicarbonate and Acetamide in NOX reduction in the exhaust of diesel engine.	NATIONAL CONFERENCE ON INNOVATIVE DEVELOPMENTS IN MECHANICAL	21.3.14 & 22.3.14

			ENGINEERING IDME-2014	
3.	P.Ganesan	Design,Fabrication and analysis of direct transfer type heat exchanger.	National conference on Modelling and optimization of automobile systems	21.3.14
4.	Mr S. Senthil	International Conference on Innovative Trends in Mechanical ,Material and Manufacturing Engineering (ITMME 2014), Jawaharlal Nehru University, New Delhi	Design and Fabrication of Hydrogen powered IC engine	14 <sup>th</sup> -15 <sup>th</sup> Feb 2014
5.	Mr S. Senthil	International Conference on Robotics, Manufacturing and Automation( IRAM-2013), IIT Indore	A comprehensive study and assessment of suitable weapon using improved VIKOR method	16 <sup>th</sup> -17 <sup>th</sup> December 2013
6.	Mr S. Senthil	International Conference on Robotics, Manufacturing and Automation( IRAM-2013),IIT Indore	Design and fabrication of novel portable type hang glider	16 <sup>th</sup> -17 <sup>th</sup> December 2013
7.	Mr S. Senthil	International Conference on Additive Manufacturing and Technologies, AMSI, Bangalore	Rapid prototyping of implants	7-8 <sup>th</sup> October 2013.
8.	Mr S. Senthil	International Conference on Advances in Mechanical Automobile, Aerospace Engineering , AMAAE 2013, Jawaharlal Nehru University, New Delhi	A framework for evaluation of material handling equipment'	21 <sup>st</sup> -22 <sup>nd</sup> September 2013
9.	Mr S. Senthil	International Conference on Advances in Mechanical Automobile, Aerospace Engineering , AMAAE 2013, Jawaharlal Nehru University, New Delhi	Effect of increasing the wire rope diameter in crawler crane	21 <sup>st</sup> -22 <sup>nd</sup> September 2013
10.	Mr S. Senthil	International Conference on Sustainable Manufacturing, ICSM 2013, Coimbatore Institute of Technology, Coimbatore	Analysis and Evaluation of 3PRLP using diagraph and matrix method	29 <sup>th</sup> -31 <sup>st</sup> July 2013

11.	Mr S. Senthil	International Conference on Sustainable Manufacturing, ICSM 2013, Coimbatore Institute of Technology, Coimbatore	Weapon selection using compromise ranking method	29 <sup>th</sup> -31 <sup>st</sup> July 2013
12.	Mr S. Senthil	International Conference on Diversifying Trends in Technology and Management, ICDTM 2013, Indian Institute of Technology, New Delhi	Rapid Prototyping process evaluation using Inner Product of Vectors	6 <sup>th</sup> -7 <sup>th</sup> April 2013
13.	Mr S. Senthil	National Conference on Recent Innovations in Mechanical Engineering RIME 2014, RMK Engineering College, Chennai	Solar powered car ventilation interim cooling sytem	24 <sup>th</sup> March 2014
14.	Mr S. Senthil	FAER- Motorola scholar award ,M.S. Ramaiah Institute of Technology, Bangalore	Design and fabrication of artificial bone using layered manufacturing technique	12 <sup>th</sup> July 2013.
15.	Mr S. Senthil	National Conference on Emerging Trends in CAD/CAM/CIM',ETCC2013, PSG College of Technology, Coimbatore,	Selection of metal stamping layout using PROMETHEE method	20 <sup>th</sup> April 2013
16.	Mr.R.Sakthivel Murugan	- Optimisation of Pulsar 150cc Crankshaft using Solidworks	Modelling and Optimisation of Automotive Systems ,Karpagam University ,Coimbatore.	21-3-2014

#### CIVIL

(i) Faculty Development Programmes/Training Programs Organized: NIL

(ii) Faculty Development Programs /Training Programs Attended:

FDP/Seminar/Workshop etc

2013-2014

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	N. Vigneshkumar	FDP on Soil Mechanics	Mepco Schlenk Engineering Collge	16.12.2013	22.12.2013

2.	P. Ponkarthikeyan	FDP on Soil Mechanics	Mepco Schlenk Engineering Collge	16.12.2013	22.12.2013
3.	N. Jegan Durai	INSPIRE	Kamaraj College of Engineering and Technology	06.02.2014	07.02.2014
4.	N. Jegan Durai	Modelling Techniques for Environmental and hydrological system	NIT Calicut	08.12.2013	14.12.2014
5.	B. Sathya Priya	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
6.	D. Velumani	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
7.	R. Arichandran	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
8.	N. Jegan Durai	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
9.	T. Meena	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
10.	P. Kathirvel	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
11.	S.P. Muralikannan	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
12.	M. Subahar	Feel Teacher	Kamaraj College of Engineering and Technology	08.07.2013	10.07.2013
13.	T. Meena	Workshop on Durability and earthquake resistant design of concrete structures	Sree Sowdambika college of engineering	30.08.2013	-
14.	S. Sophia Christabel	Workshop on Durability and earthquake resistant design of concrete structures	Sree Sowdambika college of	30.08.2013	-

			engineering		
15.	T. Meena	Workshop on Guide lines to publish articles in international peer review journal	Ponjesly College of engineering	03.01.2014	-
16.	P. Ponkarthikeyan	Workshop on Applications of GIS and Remote sensing on water resources management	Amrita Viswa Vidyapeetham University	14.03.2014	-
17.	T. Meena	Workshop on Concrete mix design	Thiagarajar College of Engineering	17.12.2013	-
18.	S. Sophia Christabel	Workshop on Concrete mix design	Thiagarajar College of Engineering	17.12.2013	-
19.	M. Subahar	Workshop on Concrete mix design	Thiagarajar College of Engineering	17.12.2013	-
20.	R. Arichandran	AICTE Sponsored short term course on Application of systems and control theory to Intelligent Transportation systems	IIT Madras	07.10.2013	11.10.2013

2012-2013

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	K. Selvam	FDP on Earthquake resistant structures	Mepco Schlenk Engineering College	20.05.2013	02.06.2013
2.	N. Jegan Durai	FDP on Advanced treatment Technologies for water and waste water	Government college of Technology	18.03.2013	24.03.2013
3.	B. Sathya Priya	FDP on Construction planning and schedule	University college of Engineering	17.12.2012	23.12.2012
4.	T. Meena	FDP on Construction planning and schedule	University college of Engineering	17.12.2012	23.12.2012

5.	P. Kathirvel	Workshop on Application of ANSYS in civil engineering	Sethu institute of technology	28.09.2012	-
6.	B. Sophia Christabel	Workshop on Revit Architecture	Mepco Schlenk Engineering college	11.08.2012	12.08.2012
7.	B. Sathya Priya	Workshop on Revit Architecture	Mepco Schlenk Engineering college	11.08.2012	12.08.2012

2011-2012

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	P. Kathirvel	FEP (Soft skills training)	Work Senses	12.12.2011	16.12.2011
2.	N. Jegan Durai	FEP (Soft skills training)	Work Senses	12.12.2011	16.12.2011
3.	B. Sathya Priya	FOP (communication English and instructional methodologies)	Kamaraj College of Engineering and Technology	12.06.2012	16.06.2012
4.	R. Arichandran	STP on recent trends in intelligent transportation systems	IIT Madras	19.09.2011	24.09.2011
5.	S. Banumathi	Workshop on recent advances in construction technology	Anna university of technology, Madurai	20.03.2012	-
6.	P. Subashree	Workshop on recent advances in construction technology	Anna university of technology, Madurai	20.03.2012	-
7.	B. Sathya priya	Workshop on recent advances in construction technology	Anna university of technology, Madurai	20.03.2012	-
8.	N. Jegan Durai	Workshop on climate change	Thiagarajar college of engineering	06.04.2012	-

9.	G. Girija Sathya Rani	Workshop on Ground improvement Techniques	Sastra University	15.10.2011	-
10.	A.S. Kanagalakshmi	Workshop on climate change	Thiagarajar college of engineering	06.04.2012	-

#### 2010-2011

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	G. Girija Sathya Rani	FDP on Soil Mechanics	Guindy Campus	21.12.2010	29.12.2010
2.	A.S. Kanagalakshmi	Workshop on Multi Criteria Decision making	Thiagarajar College of Engineering	14.12.2010	-
3.	G. Girija Sathya Rani	Workshop on Geotechnical investigation and foundation system	Thiagarajar College of Engineering	27.11.2010	-
4.	A.S. Kanagalakshmi	Workshop on GIS and remote sensing	Dr. Sivanthi Aditanar College of Engineering	18.09.2010	-
5.	G. Girija Sathya Rani	Workshop on GIS and remote sensing	Dr. Sivanthi Aditanar College of Engineering	18.09.2010	-

#### Conferences (Attended)

S.No	Faculty/Student Name	Conference Title	Place	Date
1.	J. Christiarani	4 <sup>th</sup> Indian Young Geotechnical Engineers	IIT Madras	17 <sup>th</sup> and 18 <sup>th</sup> May 2013

Conferences (Presented)

S.No	Faculty/ Student Name	Paper Title	Conference Title	Date
1	B. Sathya Priya	Partial replacement of coarse aggregate by sintered flyash aggregate	International Conference on Intelligent Science and Technology	24 & 25 <sup>th</sup> March 2011
2	K. Selvam	Behaviour of Notches in Timber Joists	National conference on Modern Trends in Civil Engineering	1 <sup>st</sup> April 2011
3	D. Velumani	Experimental Investigation of RC Beams strengthening by ferrocement laminates	International Conference on Advances in Construction, Manufacturing and Automation Research	30 <sup>th</sup> & 31 <sup>st</sup> March 2012
4	R. Lakshmi	A feasibility study on the recycling applications of plastic waste in concrete & bituminous mixes	National conference on Frontier applications in civil and environmental engineering	24 <sup>th</sup> & 25 <sup>th</sup> February 2014
5	T. Meena	-	International conference on Energy, Environment and Eco friendly Buildings	19 <sup>th</sup> to 21 <sup>st</sup> September 2013
6	R. Arichandran	Experimental study on corrosion performance of steel embedded in concrete using electro-chemical method	National conference ENTROIDOS 2013	16 <sup>th</sup> & 17 <sup>th</sup> April 2013
7	T. Meena	State of the art report on hybrid fibre reinforced self compacting concrete	International conference ICDASDC 2012	21 <sup>ST</sup> & 22 <sup>ND</sup> 2012
8	D. Velumani	Flexural behavior of quaternary blended cement concrete with glass fibre	National conference ENTROIDOS 2013	16 <sup>th</sup> and 17 <sup>th</sup> April 2013

MATHEMATICS DEPT

(i) Faculty Development Programmes/Training Programs Organized:

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	FDP/Applications of Mathematics in Engineering	KCET	14 <sup>th</sup> July 2014	16 <sup>th</sup> July 2014

(ii) Faculty Development Programs /Training Programs Attended:

FDP/Seminar/Workshop etc

2013-2014

S.No.	Name of the Faculty	Name of the FDP/Seminar/Conference	Organized By	Duration	
				From	TO
1.	D.Umadevi	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
2.	N.Kamatchi	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
3.	A.Maheswari	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
4.	N.Nagajothi	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
5.	M.Geetha	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
6.	A.Angel Gnanamani	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013

7.	K.M.Sathish kumar	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
8.	P.Mareeswari	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
9.	K.Ananthi	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
10.	P.Mala	FEEL Teacher	Kamaraj College of Engineering and Technology, Virudhunagar	8th July 2013	10th July 2013
11.	Dr.K.Thanalakshmi	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
12.	Dr.D.Umadevi	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
13.	Dr.N.Kamatchi	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
14.	Dr.A.Maheswari	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
15.	Mrs.N.Nagajothi	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
16.	Mr.K.M.Sathish kumar	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
17.	Mr.P.Pandia raj	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
18.	Mr..S.Gopinath	Course on Communicative English	KCET	19 <sup>th</sup> Nov2014	30 <sup>th</sup> Nov 2014
19.	Mrs.M.Geetha	Course on Communicative English	KCET	2 <sup>nd</sup> Dec 2014	14 <sup>th</sup> Dec 2014
20.	Mrs.C.Reveathy	Course on Communicative English	KCET	2 <sup>nd</sup> Dec 2014	14 <sup>th</sup> Dec 2014
21.	Mrs.P.Mareeswari	Course on Communicative English	KCET	2 <sup>nd</sup> Dec 2014	14 <sup>th</sup> Dec 2014
22.	Mrs.K.Ananthi	Course on Communicative English	KCET	2 <sup>nd</sup> Dec 2014	14 <sup>th</sup> Dec 2014
23.	Ms.T.Ganeshwari	Course on Communicative English	KCET	2 <sup>nd</sup> Dec 2014	14 <sup>th</sup> Dec 2014

24.	Mr.M.N.Anandh Sriram Sundar	Course on Communicative English	KCET	4 <sup>th</sup> Dec 2014	14 <sup>th</sup> Dec 2014
25.	Dr.K.Thanalakshmi	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
26.	Dr.D.Umadevi	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
27.	Dr.N.Kamatchi	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
28.	Dr.A.Maheswari	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
29.	Mrs.N.Nagajothi	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
30.	Mr.K.M.Sathish kumar	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
31.	Mr.P.Pandia raj	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
32.	Mrs.M.Geetha	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
33.	Mrs.P.Mareeswari	INSPIRE	KCET	6 <sup>th</sup> Feb 2014	7th Feb 2014
34.	Mrs.K.Thanalakshmi	'Applications on Fuzzy Mathematics and Fractal Geometry'	American College, Madurai	21 <sup>st</sup> Feb 2014	21 <sup>st</sup> Feb 2014
35.	Mrs.S.Brinda	'Applications on Fuzzy Mathematics and Fractal Geometry'	American College, Madurai	21 <sup>st</sup> Feb 2014	21 <sup>st</sup> Feb 2014
36.	Mr.K.M.Sathish kumar	Centre for faculty development – bridge course on Mathematics	Anna University Chennai.	25 <sup>th</sup> June 2014	26 <sup>th</sup> June 2014
37.	Mr.P.Pandia raj	Centre for faculty development – bridge course on Mathematics	Anna University Chennai.	25 <sup>th</sup> June 2014	26 <sup>th</sup> June 2014
38.	Mrs.S.Meenakshi	Course on Communicative English	Coimbatore	31 <sup>st</sup> May 2014	14 <sup>th</sup> June 2014
39.	Mr.M.N.Anandh Sriram Sundar	Seven Days FDP on Mathematics I	RIT, Rajapalayam	9 <sup>th</sup> June 2014	15 <sup>th</sup> June 2014
40.	Mrs.S.Meenakshi	Seven Days FDTP on Engineering Mathematics I at from 23.06.14 to 29.06.14	Government College of Engineering, Tirunelveli	23 <sup>rd</sup> June 2014	29 <sup>th</sup> June 2014
41.	Mr.K.M.Sathish kumar	SCILAB	KCET	11 <sup>th</sup> July	11 <sup>th</sup> July

2012-2013

S.No.	Name of the Faculty	Name of the FDP/Seminar/Conference	Organized By	Duration	
				From	TO
1	D.Umadevi	Statistics, Random Processes and Queueing theory	Mepco Schlenk Engineering College,Sivakasi	23rd Nov 2012	24 <sup>th</sup> Nov 2012
2.	S.Priyadharshini	Finite Element Analysis	Kamaraj College of Engineering and Technology,Virudhunagar	3 <sup>rd</sup> Dec 2012	9 Dec 2012
3.	K.Thanalakshmi	Algebra, Topology and their Applications	Ayya Nadar Janaki Ammal College ,Sivakasi(Autonomous)	11 March, 2013	12 March, 2013

2011-2012

S.No.	Name of the Faculty	Name of the FDP/Seminar/Conference	Organized By	Duration	
				From	TO
1	C.Revathy	Mathematics for Advanced Research Techniques	Ultra College of Engineering & Technology for Women,Madurai	18 <sup>th</sup> Oct 2011	18 <sup>th</sup> Oct 2011
2	P.Mareeswari	Mathematics for Advanced Research Techniques	Ultra College of Engineering & Technology for Women,Madurai	18 <sup>th</sup> Oct 2011	18 <sup>th</sup> Oct 2011
3	K.Ananthi	Mathematics for Advanced Research Techniques	Ultra College of Engineering & Technology for Women,Madurai	18 <sup>th</sup> Oct 2011	18 <sup>th</sup> Oct 2011
4	S.Priyadharshini	Mathematics for Advanced Research Techniques	Ultra College of Engineering & Technology for Women,Madurai	18 <sup>th</sup> Oct 2011	18 <sup>th</sup> Oct 2011
5	T.Ramesh Babu	Algebra and Analysis	K.S.Rangasamy College of Arts and Science	4 <sup>th</sup> Nov 2011	6 <sup>th</sup> Nov 2011

6	M.Geetha	Probability, Random Processes, Queueing theory and Statistics	Mepco Schlenk Engineering College,Sivakasi	2 <sup>nd</sup> Dec 2011	3 <sup>rd</sup> Dec 2011
7	P.Mareeswari	Probability, Random Processes, Queueing theory and Statistics	Mepco Schlenk Engineering College,Sivakasi	2 <sup>nd</sup> Dec 2011	3 <sup>rd</sup> Dec 2011
8	C.Revathy	Probability, Random Processes, Queueing theory and Statistics	Mepco Schlenk Engineering College,Sivakasi	2 <sup>nd</sup> Dec 2011	3 <sup>rd</sup> Dec 2011
9	K.Ananthi	Probability, Random Processes, Queueing theory and Statistics	Mepco Schlenk Engineering College,Sivakasi	2 <sup>nd</sup> Dec 2011	3 <sup>rd</sup> Dec 2011
10	S.Priyadharshini	Comunicative English & Instructional Methodologies	Kamaraj College of Engineering and Technology,Viru dhunagar	12 <sup>th</sup> June 2012	16 <sup>th</sup> June 2012

2010-2011

S.No.	Name of the Faculty	Name of the FDP/Seminar/Conference	Organized By	Duration	
				From	TO
1.	P.Mareeswari	Probability, Random Processes, Queueing theory and Statistics	Mepco Schlenk Engineering College, Sivakasi	19 <sup>th</sup> November 2010	20 <sup>th</sup> November 2010
2.	C.Revathy	Probability, Random Processes, Queueing theory and Statistics	Mepco Schlenk Engineering College, Sivakasi	19 <sup>th</sup> November 2010	20 <sup>th</sup> November 2010
3.	N.Nagajothi	Recent Trends in Formal Languages and Automato theory	Ultra College of Engineering & Technology for Women, Madurai	11 <sup>th</sup> Feb 2011	11 <sup>th</sup> Feb 2011
4.	P.Mareeswari	Theory of Computing and Applications	Thiagarajar College of Engineering, Ma durai	18 <sup>th</sup> Feb 2011	19 <sup>th</sup> Feb 2011
5.	C.Revathy	Theory of Computing and Applications	Thiagarajar College of Engineering, Ma durai	18 <sup>th</sup> Feb 2011	19 <sup>th</sup> Feb 2011

6.	K.Ananthi	Theory of Computing and Applications	Thiagarajar College of Engineering, Madurai	18 <sup>th</sup> Feb 2011	19 <sup>th</sup> Feb 2011
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2009-2010

S.No.	Name of the Faculty	Name of the FDP/Seminar/Conference	Organized By	Duration	
				From	TO
1	K.Thanalakshmi	Mathematical Methods and Computation	Jamal Mohamed College, Trichy	24 <sup>th</sup> July 2009	25 <sup>th</sup> July 2009
2	N.Selvamalar	Recent Research Trends in Mathematics 2010	Srisivasubramaniya Nadar College of Engineering Kalavakkam	6 <sup>th</sup> Jan-2010	7 <sup>th</sup> Jan-2010
3	N.Nagajothi	Recent Developments in Function Analysis	S.R.N.M College Sattur	5 <sup>th</sup> March 2010	6 <sup>th</sup> March 2010
4	N.Sugantha meena	Recent Developments in Function Analysis	S.R.N.M College Sattur	5 <sup>th</sup> March 2010	6 <sup>th</sup> March 2010
5	A.Maheswari	Graph colouring	Kalsalingam University Krishnankoil	10 <sup>th</sup> March 2010	15 <sup>th</sup> March 2010
6	N.Sugantha meena	Mathematical model for Engineering Problem	Kamaraj College of Engineering and Technology Virudhunagar	24 <sup>th</sup> May 2010	25 <sup>th</sup> May 2010
7	K.Thanalakshmi	Mathematical model for Engineering problem	Kamaraj College of Engineering and Technology Virudhunagar	24 <sup>th</sup> May 2010	25 <sup>th</sup> May 2010
8	A.Maheswari	Mathematical model for Engineering Problem	Kamaraj College of Engineering and Technology Virudhunagar	24 <sup>th</sup> May 2010	25 <sup>th</sup> May 2010
9	M.Geetha	Mathematical model for Engineering Problems	Kamaraj College of Engineering and Technology, VNR	24 <sup>th</sup> May 2010	25 <sup>th</sup> May 2010

10	N.Selvamalar	Mathematical model for Engineering Problems	Kamaraj College of Engineering and Technology Virudhunagar	24 <sup>th</sup> May 2010	25 <sup>th</sup> May 2010
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Conferences (Attended)

S.No	Faculty/Student Name	Conference Title	Place	Date	
				From	To
1	K.Thanalakshmi	Emering Trends in Modern Topology	Arul Anandar College, Karamathur	22 <sup>nd</sup> Feb 2011	22 <sup>nd</sup> Feb 2011
2.	A.Maheswari	Recent Trends in Graph Theory and Applications	St.Xavier's College, Palayamkottai	24 <sup>th</sup> Feb 2011	25 <sup>th</sup> Feb 2011
3	N.Suganthameena	Recent Trends in Graph Theory and Applications	St.Xavier's College, Palayamkottai	24 <sup>th</sup> Feb 2011	25 <sup>th</sup> Feb 2011
4	N.Suganthameena	Algebra and Applications	Periyar Maniammai University	14 <sup>th</sup> Dec 2011	15 <sup>th</sup> Dec 2011
5	A.Maheswari	Fuzzy Optimization and Graph Theory with Applications	Mepco Schlenk Engineering College, Sivakasi	23 <sup>rd</sup> Feb 2012	24 <sup>th</sup> Feb 2012
6	N.Nagajothi	Fuzzy Optimization and Graph Theory with Applications	Mepco Schlenk Engineering College, Sivakasi	23 <sup>rd</sup> Feb 2012	24 <sup>th</sup> Feb 2012
7	A.Angel Gnanamani	Fuzzy Optimization and Graph Theory with Applications	Mepco Schlenk Engineering College,Sivakasi	23 <sup>rd</sup> Feb 2012	24 <sup>th</sup> Feb 2012
8	K.Thanalakshmi	New Innovations in Pure and Applied Mathematics	Mount Zion College of Engineering and Technology, Pudukottai	28 <sup>th</sup> March 2012	29 <sup>th</sup> March 2012
9	A.Maheswari	Acadamy of Discrete Mathematics and Applications	V.V.Vanniapperrum al College for Women, Virudhunagar	8 <sup>th</sup> June 2012	10 <sup>th</sup> June 2012

10	P.Mareeswari	Acadamy of Discrete Mathematics and Applications	V.V.Vanniaperrum al College for Women, Virudhunagar	8 <sup>th</sup> June 2012	10 <sup>th</sup> June 2012
11	K.Ananthi	Acadamy of Discrete Mathematics and Applications	V.V.Vanniaperrum al College for Women, Virudhunagar	8 <sup>th</sup> June 2012	10 <sup>th</sup> June 2012
12	S.Priyadharshini	Acadamy of Discrete Mathematics and Applications	V.V.Vanniaperrum al College for Women, Virudhunagar	8 <sup>th</sup> June 2012	10 <sup>th</sup> June 2012

#### Conferences (Presented)

S.No	Faculty/ Student Name	Paper Title	venue	Date
1	K.Thanalakshmi	On $\delta$ -pre-open sets	Kalasalingam university, Krishnankoil	27-30 December 2009
2	N.Nagajothi	Emerging Trends in Mathematical Research and its applications	Karpagam College of Engineering , Coimbatore.	19 <sup>th</sup> March 2011
3	S.Priyadharshini	Recent Trends in Distance in graphs	Ayya Nadar Janaki Ammal College ,Sivakasi(Autonomous)	12 <sup>th</sup> and 13 <sup>th</sup> March 2012
4	D.Umadevi	Algebra, Topology and their Applications	Ayya Nadar Janaki Ammal College ,Sivakasi(Autonomous)	11-12, March, 2013
5.	N.Suganthameena	Two sided $\alpha$ -derivations of semirings	Ayya Nadar Janaki Ammal College, Sivakasi(Autonomous)	11-12, March, 2013
5	Mrs.P.Mahalakshmi	Modern Trends in Science	Dr.Sivandhi Aditanar College of Engg.&Tech.,Tuticorin.	7 <sup>th</sup> May 2014

ENGLISH DEPT

(i) Faculty Development Programmes/Training Programs Organized: NIL

(ii) Faculty Development Programs /Training Programs Attended:

FDP/Seminar/Workshop etc

2012-2013

S.No.	Name of the Faculty	Name of the FDP	Organized By	Duration	
				From	TO
1	Dr.N.Pratheeba	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
2.	Dr.N.Sundararajan	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
3	U.S.Ramaswamy	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
4	G.Vijayalakshmi	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
5	R.S.Packiamary	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
6	S.EstherRani	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
7	K.Kalaivani	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
8	W.Jean Ida	FEEL THE TEACHER	CLHRD	8 July 2013	10 July 2013
		English training programme	COL'S CALIBER	7 <sup>th</sup> December 2013	21 <sup>st</sup> December 2013
9	K. Shantha Prabha	English training programme	COL'S CALIBER	20 June 2014	28 June 2014

Conferences (Presented)

S.No	Faculty/ Student Name	Paper Title	Conference Title	Date
1	N.Sundara rajan	Allan Sealy's "The Everest Hotel" : An Eco Critical Analysis"	IV International Conference Of Organization for Studies in Literature and Environment-India (OSLE-India) on Ecology : texts and contexts	2009
2	N.Sundara rajan	Predicaments of Marginalized in Allan Sealy's, <i>Red.</i> ,	State Level Seminar on Indian Writing in English.(Sponsored by TANSCHÉ)	2009
3.	N.Sundara rajan	Diasporic mind of an Anglo Indian with reference to Allan Sealy's Trotter Nama'	National Seminar On Multiculturalism In Literature: Canada and India'	2010
4	K.Rathiga	The fabric of multicultural identity in Nayantara Sahgal's MistakenIdentity	National Seminar On' Multiculturalism In Literature: Canada and India'	2010
5.	U.S.RAMAS WAMY	LESSON PLAN FOR ENGLISH MOVIES	INTERNATIONAL CONGRESS ON ENGLISH GRAMMAR	2011
6	N.Sundara rajan	Video as an aid in the English class room on the at on	National level Conference on Modern Methodologies in Teaching English Language Skills	2011
7	S.EstherRan i	"Enhancing Commutainment through Role Play"	National Level Workshop on Commutainment	2011
8	G.Vijayalak shmi	Teaching of English to rural students in Tamil Nadu	ELTAI	2011
9	K.Kalaivani	Importance of GD in Communication.	National Level Workshop on Commutainment	2011
10	R.S.Packia mary	Education through Edutainment	National Level Workshop on Commutainment	2011
11	R.S.Packia mary	Influence of Media and Technology Learning	Conference on using Multimedia as a Communication Tool	2012
12	S.EstherRan i & K.Kalaivani	"Effective use of Dramatic Monologue in	National Seminar entitled Writings of Robert Browning and Charles dickens in commemoration of their Bicentary year	2012

		Robert Browning's "The Last Ride Together"		
13	G.Vijayalak shmi	Teaching of English for special purposes	ELTAI	2012
14.	U.S.RAMAS WAMY	WORKSHOP IN ELT	INTERNATIONAL WORKSHOP IN ELT	2012
15.	U.S.RAMAS WAMY	PEDAGOGIC STRATEGIES FOR TRIGGERING THE LEARNERS' ENGLIS H LANGUAGE ACQUISITION DEVICES	NATIONAL SEMINAR ELT	2012
16	K.Kalaivani	Strategies to become a successful public speaker	International Conference on Teaching English for Employability (TEE)	2013
17	S.EstherRan i & K.Kalaivani	Diasporic experiences of Indian families in Bharathi Mukherjee's "A Father"	National Level seminar on Portrayal of Family in Indian Writing in English	2013
18	N.Sundara rajan	Narrative as a tool in Allan Sealy's Red	UGC-sponsored National Seminar on Indian English Fiction of the New Millennium	2013
19.	G.Vijayalak shmi	Activity Based Learning	ELT	2013
20	U.S.RAMAS WAMY	MIND MAPPING TECHNIQUES TO TEACH ACTIVE AND PASSIVE VOICE	INTERNATIONAL ELTAI	2013

**CRITERION II : ANNEXURE –III** (Refers to 2.4.3 –C)

**CSE**

<b>Category</b>	<b>Academic year</b>	<b>(a)Number Of staff members</b>	<b>(b)Total Staff</b>	<b>(a/b)*100 Percentage</b>
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	2	27	7.4
	2012-2013	1	28	3.5
	2011-2012	1	26	4
	2010-2011	-	17	0
	2009-2010	2	13	15.38
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	23	25	92
	2012-2013	10	28	35.71
	2011-2012	13	26	50
	2010-2011	9	17	52.94
	2009-2010	12	13	92.3
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	3	25	12
	2012-2013	8	28	28.57
	2011-2012	4	26	15.38
	2010-2011	7	17	41.17
	2009-2010	6	13	46.15

**ECE**

<b>Category</b>	<b>Academic year</b>	<b>(a)Number Of staff members</b>	<b>(b)Total Staff</b>	<b>(a/b)*100 Percentage</b>
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	4	24	16.7%
	2012-2013	1	24	4.1%
	2011-2012	4	19	21.05%
	2010-2011	3	16	18.75%
	2009-2010	-	14	0%
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	21	24	87.5%
	2012-2013	11	24	45.83%
	2011-2012	12	19	63.15%
	2010-2011	8	16	50%
	2009-2010	12	14	85.71%
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	-	24	-
	2012-2013	20	24	83.33%
	2011-2012	10	19	52.63%
	2010-2011	5	16	31.25%
	2009-2010	6	14	42.85%

## EIE

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	-	-	-
	2012-2013	-	-	-
	2011-2012	1	12	83.33
	2010-2011	-	-	-
	2009-2010	1	12	83.33
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	3	13	23.08
	2012-2013	8	13	51.54
	2011-2012	4	13	30.77
	2010-2011	6	11	54.55
	2009-2010	8	12	66.67
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	-	-	-
	2012-2013	3	13	23.08
	2011-2012	3	13	23.08
	2010-2011	1	12	83.33
	2009-2010	-	-	-

## PT

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	3	12	25
	2012-2013	1	12	8.33
	2011-2012	1	12	8.33
	2010-2011	1	12	8.33
	2009-2010	2	12	16.66
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	10	12	83.33
	2012-2013	9	12	75
	2011-2012	12	12	100
	2010-2011	6	12	50
	2009-2010	5	12	41.66
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	3	12	25
	2012-2013	2	12	16.66
	2011-2012	-	12	-
	2010-2011	-	12	-
	2009-2010	2	12	16.66

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	2	13	15.38%
	2012-2013	2	12	16.66%
	2011-2012	1	15	6.66%
	2010-2011	NIL	16	0.0%
	2009-2010	NIL	13	0.0%
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	8	13	61.54%
	2012-2013	7	12	58.33%
	2011-2012	7	15	46.67%
	2010-2011	11	16	68.75%
	2009-2010	6	13	46.15%
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	7	13	53.85%
	2012-2013	5	12	41.67%
	2011-2012	1	15	6.67%
	2010-2011	1	16	6.25%
	2009-2010	3	13	23.08%

## EEE

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	4	20	20.0
	2012-2013	3	17	17.6
	2011-2012	4	14	28.6
	2010-2011	-	15	0.0
	2009-2010	2	12	16.7
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	20	20	100.0
	2012-2013	14	17	82.4
	2011-2012	13	14	92.9
	2010-2011	8	15	53.3
	2009-2010	8	12	66.7
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	2	20	5.0
	2012-2013	3	17	17.6
	2011-2012	2	14	14.3
	2010-2011	5	15	33.3
	2009-2010	4	12	33.3

BT

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	5	18	27.7%
	2012-2013	2	16	12.5%
	2011-2012	-	16	0.0%
	2010-2011	2	15	13.3%
	2009-2010	1	16	6.3%
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	12	18	66.6%
	2012-2013	10	16	62.5%
	2011-2012	9	16	56.25%
	2010-2011	6	15	40%
	2009-2010	14	16	87.5%
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	10	18	55.5%
	2012-2013	10	16	62.5%
	2011-2012	6	16	37.5%
	2010-2011	3	15	20.0%
	2009-2010	1	16	6.3%

MECHANICAL

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	NIL	15	0
	2012-2013	NIL	15	0
	2011-2012	NIL	13	0
	2010-2011	1	13	7.6
	2009-2010	1	13	7.6
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	2	15	13.3
	2012-2013	3	15	20
	2011-2012	5	13	38.4
	2010-2011	4	13	30.7
	2009-2010	4	13	30.7
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	NIL	15	0
	2012-2013	3	15	20
	2011-2012	NIL	13	0
	2010-2011	NIL	13	0
	2009-2010	NIL	13	0

# CIVIL

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	1	17	5.88
	2012-2013	3	13	23.08
	2011-2012	-	10	-
	2010-2011	-	4	-
	2009-2010	-	1	-
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	-	17	-
	2012-2013	1	13	7.69
	2011-2012	-	10	-
	2010-2011	-	4	-
	2009-2010	-	1	-
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	9	17	52.94
	2012-2013	6	13	46.15
	2011-2012	7	10	70.00
	2010-2011	5	4	100
	2009-2010	-	1	-

# PHYSICS

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	-	9	-
	2012-2013	-	8	-
	2011-2012	-	8	-
	2010-2011	-	10	-
	2009-2010	1	10	10%
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	-	9	-
	2012-2013	-	8	-
	2011-2012	-	8	-
	2010-2011	-	10	-
	2009-2010	-	10	-
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	6	9	66.6
	2012-2013	8	8	100%
	2011-2012	4	8	50%
	2010-2011	4	10	40%
	2009-2010	-	10	-

## CHEMISTRY

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	1	7	14.3
	2012-2013	-	7	-
	2011-2012	-	10	-
	2010-2011	-	7	-
	2009-2010	-	7	-
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	-	7	-
	2012-2013	-	7	-
	2011-2012	-	10	-
	2010-2011	1	7	-
	2009-2010	-	7	-
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	2	7	28.6
	2012-2013	2	7	14.3
	2011-2012	-	10	-
	2010-2011	-	7	-
	2009-2010	-	7	-

## MATHS

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	2	19	10.5
	2012-2013	Nil	15	Nil
	2011-2012	Nil	15	Nil
	2010-2011	Nil	13	Nil
	2009-2010	Nil	11	Nil
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	5	19	26.3
	2012-2013	1	15	6.6
	2011-2012	13	15	86.7
	2010-2011	7	13	53.8
	2009-2010	2	11	18.2
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	1	19	5.3
	2012-2013	2	15	13.3
	2011-2012	1	15	6.7
	2010-2011	1	13	7.7
	2009-2010	Nil	11	Nil

ENGLISH

Category	Academic year	(a)Number Of staff members	(b)Total Staff	(a/b)*100 Percentage
invited as resource persons in Workshops / Seminars / Conferences organized by external professional agencies	2013-2014	4	9	22.2
	2012-2013	1	9	11.1
	2011-2012	2	11	18.2
	2010-2011	1	9	-
	2009-2010	-	7	-
participated in external Workshops / Seminars / Conferences recognized by national/ international professional bodies	2013-2014	2	9	-
	2012-2013	4	9	-
	2011-2012	4	11	-
	2010-2011	2	9	-
	2009-2010	-	7	-
presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies	2013-2014	6	9	66.6
	2012-2013	4	9	44.4
	2011-2012	6	11	54.5
	2010-2011	2	9	22.2
	2009-2010	2	7	28.5

**CRITERION II : ANNEXURE –IV** (Refers to 2.4.5)

PT

2013-2014

S.No	Name of staff	Award Name	Organization	Place	Date
1	Ms.M.Jeyapriya	Young Scientist Fellowship award	Tamilnadu state council for science and Technology, TN	IIT, Guwahati	Dec 2014

2012-2013

S.No	Name of staff	Award Name	Organization	Place	Date
1	Mr.S.Kailash	Young Scientist Fellowship award	Tamilnadu state council for science and Technology, TN	IIT, Guwahati	Dec 2013

2011-2012

S.No	Name of staff	Award Name	Organization	Place	Date
1	Mr.S.Gandhi	Plasticon Awards-2012 Best student in Research-Silver	IPI- Chennai chapter	New Delhi	01.02.2012
2	Dr.R.Baskaran	Plasticon Awards-2012 Best student in Research-Gold	IPI- Chennai chapter	New Delhi	01.02.2012
3	Mr.Muthukumar	Young Scientist Fellowship award	Tamilnadu state council for science and Technology, TN	IIT, Guwahati	March 2012

BT

2013-2014

S.No	Name of staff	Award Name	Organization	Place	Date
1	Er.B.Rengesh	Young Scientist Fellowship award	TNSCST – Tamilnadu State Council for Science and Technology	Tamilnadu	April 2013

2012-2013

S.No	Name of staff	Award Name	Organization	Place	Date
1	Dr.Anant Achary	Rashtriya vidhya Saraswathi puraskar award	International institute of education and management	New Delhi	April 2013
2	Dr.Anant Achary	Rashtriya vidhya Gaurav gold medal	International institute of education and management	New Delhi	April 2013
3	Er.S.Maria AmalRaj	Young Scientist Fellowship award	TNSCST – Tamilnadu State Council for Science and Technology	Tamilnadu	April 2013

2010-2011

S.No	Name of staff	Award Name	Organization	Place	Date
1	Mr.S.Karthikum ar	Young Scientist Fellowship	Tamilnadu State Council for Science and Technology	Tamilna du	January 2011

2009-2010

S.No	Name of staff	Award Name	Organization	Place	Date
1	Er.I. Ganesh Moorthy	Young Scientist Fellowship award	TNSCST – Tamilnadu State Council for Science and Technology	Tamilnadu	Feb 2010

MECHANICAL

2012-2013

S.No	Name of staff	Award Name	Organization	Place	Date
1	Mr.R.Manikumar	Young Scientist Fellowship Award	Tamil Nadu State Council for Science & Technology	Calicut	02.05.2012-02.08.2012

### CRITERION III : RESEARCH CONSULTANCY AND EXTENSION

**Criterion III : Annexure - I (Refers 3.1.6)**

**Workshops/Faculty Development Programmes/Training Programs etc.,  
Conducted/Organized by the Institution:**

**Department of Bio Technology**

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	Six day workshop on Automation and optimization tools in Bioprocessing	KCET	09.6.14	14.6.14
2	National Conference on Applications Of Computation In Biotechnology - ZORO n-p '13	KCET	21.2.13	22.2.13
3	National Conference on Recent Advances in Biotechnological research- ZORO n <sub>2</sub> p '12	KCET	23.2.12	25.2.12
4	National level conference on Recent Trends in Biotechnology towards Medicine & Health care - NCRTB – M&H	AICTE, New Delhi	21.7.11	22.7.11
5	National conference on Recent trends in Bio Products - ZORO n <sub>2</sub> p '11	KCET	25.2.11	26.2.11
6	National conference on Recent trends in Biotechnology towards Medicine and Health care - ZORO n <sub>2</sub> p '10	KCET	6.10.10	7.10.10
7	National conference on Current trends in Biotechnology- ZORO n <sub>2</sub> p '09	DRDO	26.2.09	27.2.09

**Department of Civil Engineering**

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	National conference on Sustainable Building Materials & Methods	KCET	27.3.14	28.3.14
2	Guest lecture on Computer Aided Design of Steel Structures	KCET	06.02.14	-
3	Guest lecture on Field interpretation of Soil Mechanics	KCET	3.3.14	-
4	Guest lecture on Astronomical survey with field applications	KCET	18.3.14	-
5	Guest lecture on Applications of Construction Chemicals and Case studies	KCET	24.07.14	-
6	Guest lecture on Construction issues Associated with Koodankulam Power Station	KCET	11.10.13	-
7	Guest lecture on Emotional Intelligence	KCET	09.07.14	-
8	ENTROIDOS '13	KCET	16.04.13	17.04.13

9	Inter Disciplinary Topics In Valuation	KCET	18.12.12	19.12.12
10	ENTROIDOS '12	KCET	16.03.12	16.03.12
11	Construction Planning & Safety	KCET	10.02.12	10.02.12
12	Geographical Information System & Remote Sensing	KCET	04.08.11	04.08.11
13	Structural Analysis	KCET	05.08.11	08.08.11
14	Urban Environmental Management – Experiences and Practices	KCET	26.03.11	26.03.11
15	Inauguration of Association of Civil Engineering	KCET	30.09.10	30.09.10

### Department of Computer Science Engineering

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	Inauguration & Guest Lecture on “Networks”	KCET	03.08.09	-
2	Guest Lecture on “Introduction to NS2”		02.09.09	-
3	Guest Lecture on “Project Guidance”		07.04.10	-
4	Inauguration & Guest Lecture on “Storage Area Networks”	KCET	16.08.10	-
5	Guest Lecture on “Career Guidance”		23.08.10	-
6	Seminar on “Recent trends in IT industry		19.01.11	-
7	Inauguration & Guest Lecture on “Cloud Computing”	KCET	05.08.11	-
8	Guest Speech on “ Getting ready for industry”		02.09.11	-
9	Guest Speech on “ SDLC – Practices in Industry”		07.09.11	-
10	Project Idea Competition InfoTech '11(Creating Project Impact)		10.09.11	-
11	Video Clipping Competition Techno Clip '12		17.02.12	-
12	Guest Speech on “ Object Relational Database Systems”		20.02.12	-
13	Two Days workshop on “DOT NET Technologies”		23.02.12	24.02.12
14	Poster Presentation Competition		30.03.12	-
15	Guest speech on “Step into IITs”		12.04.12	-

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
16	Technical Seminar on Advanced Concepts in .NET technologies	KCET	21.07.12	-
17	Orientation Program on “Placement & Higher Studies”		23.07.12	-
18	Code Debugging Contest		24.07.12	-
19	Technical Seminar on Know Your Industry		04.08.12	-
20	Workshop on Android Platform-Application Development		13.08.12	-
21	Career Guidance Program		24.08.12	-
22	Career Guidance Program		06.09.12	-
23	Guest speech on “Preparing for Placement & Project”		01.10.12	-
24	Workshop on “System Assembling, Troubleshooting and Networking”	KCET	16.02.13	-
25	Two day workshop on “System Administration and Networking”		07.03.13	08.03.13
26	Three day workshop on “Android Application Development”		10.06.13	12.06.13
27	Two day workshop on “System assembling, Networking and Troubleshooting”	KCET	26.07.13	27.07.13
28	Two day workshop on “System assembling, Networking and Troubleshooting”		3.08.13	4.08.13
29	Two day workshop on “System assembling, Networking and Troubleshooting”		23.08.13	24.08.13
30	Two day workshop on “Embedded systems”		23.08.13	24.08.13
31	One day workshop on “Network Simulators”		26.08.13	-
32	Guest Lecture on “Job Opportunities in present Scenario”		04.01.13	-
33	Guest Lecture on “Today’s IT Scenario”		05.03.13	-

34	Guest Lecture on Recent Technologies	CSI	21.09.10	-
35	A National Level Symposium – DHII SPRDH’10		24.09.10	-
36	Guest Lecture on “Digital Image Processing”		16.02.11	-
37	Seminar on “Microsoft Technologies”		25.01.11	-
38	DHII SPRDH’11 - A National level technical symposium	CSI	26.09.11	-
39	RACCIS ‘13 - A National level conference	CSI	05.04.13	06.04.13
40	Seminar on Neural Network and its applications	CSI	19.09.13	-
41	Web Designing Contest		21.09.13	-
42	Rich Internet Application Workshop		28.09.13	-
43	Seminar on Data Mining		5.10.13	-
44	Guest lecture on “Carrier Opportunity in IT Sector”	ISTE	14.09.09	-
45	Guest lecture on “Multimedia Software’s and Project guidance “		30.09.09	-
46	Guest Lecture on “Current IT Trend”		15.10.09	-
47	Guest Lecture on “Carrier Guidance”		25.03.10	-
48	Guest Lecture on “XML and Web concepts”		08.04.10	-
49	Technical Quiz III year CSE students		22.04.10	-

50	Guest lecture on “Grid computing”	ISTE	23.08.10	-
51	Seminar on “Software Development Tools”		15.09.10	-
52	Aptitude Test		11.10.10	-
53	Seminar on “Recent trends in IT industry		19.01.11	-
54	Guest Lecture on “How to prepare for an interview”	ISTE	16.07.11	-
55	Technical Collage		20.08.11	-
56	Paper Presentation on “Blue Brain Technology”	ISTE	30.7.12	-
57	Guest Lecture on “Recent projects in Mobile Gaming”		2.8.12	-
58	Technical Quiz		18.9.12	-
59	Seminar on “Low Cost Air Pollution Monitoring System Using Sensor Web” TNSCST student project		1.10.12	-
60	“3D”Model Presentation		10.10.12	-
61	Guest Lecture on “Intermediate code generation”		19.2.13	-
62	Guest Lecture on “Recent Mobile applications”		22.2.13	-
63	Guest Lecture on “Dot Net Applications”		22.2.13	-
64	Technical Quiz	ISTE	18.09.13	-
65	Multimedia Design Contest		23.09.13	-
66	Code Debugging – C & C++		10.10.13	-
67	Faculty development Program on Theory of Computation	KCET	26.06.13	29.06.13

### Department of Electronics and Communication Engineering

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1.	Workshop on Matlab	KCET	22.09.09	-
2.	Workshop on Satellite Communication	KCET	07.10.09	-
3.	Workshop on Embedded Systems	KCET	10.12.09	11.12.09
4.	Workshop on Mobile communication	KCET	19.01.10	25.01.10

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
5.	Workshop on Embedded System Design	KCET	06.02.10	11.02.10
6.	Conference	KCET	12.03.10	-
7.	Technical Symposium	KCET	24.09.10	-
8.	Workshop on Image Processing using MATLAB	KCET	10.02.12	11.02.12
9.	National level seminar in Wireless Communication and Network Technologies	KCET	24.02.12	-
10.	Conference (CSPCT'12)	KCET	30.03.12	-
11.	Guest Lecture on Digital Image Processing	KCET	17.09.12	-
12.	Guest Lecture on Network simulator Tool	KCET	22.10.12	-
13.	ISTE Students day	KCET	01.02.13	-
14.	Guest Lecture on DOTNET	KCET	22.02.13	-
15.	Genesis'13	KCET		-
16.	Guest lecture on career opportunities in core companies	KCET	06.07.13	-
17.	Quindecennial Crystal Jubilee celebration(Mini project and Quiz)	KCET	13.09.13	-
18.	SPECTRUM'T13 National level Technical Festival	ISTE, IETE, KCET	05.10.13	-
19.	Opportunities on Higher Studies	KCET	07.02.14	-
20.	Seminar on Wireless Communication Networks	KCET	21.02.14	-
21.	Guest lecture on Computer networks and it's applications	KCET	28.02.14	-
22.	Guest lecture on innovation and motivation of recent technologies	KCET	03.03.14	-
23.	Workshop on micro controller based system design	KCET	13.03.14	-
24.	National conference on signal processing and communication technologies	IETE, KCET	21.03.14	-
25.	Guest lecture on soft computing	KCET	28.03.14	-
26.	Guest lecture on Electromagnetic Fields and	IETE	31.03.14	-

	its application			
27.	Guest lecture on recent trends in Antenna and wave propagation	IETE	31.03.14	-

### Department of Electrical & Electronics Engineering

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1.	Hardware contest	ISTE	22.01.09	22.01.09
2.	Paper presentation SHOCK '09	ISTE	03.03.09	03.03.09
3.	Aptitude test	ISTE	18.03.09	18.03.09
4.	Quiz' 09	ISTE	26.03.09	26.03.09
5.	Recent trends in electrical power systems	EEE Association	29.07.09	29.07.09
6.	Mobile phone manufacturing technology	EEE Association	31.07.09	31.07.09
7.	Aptitude test	ISTE	03.08.09	03.08.09
8.	Programming in VLSI	EEE Association	01.09.09	01.09.09
9.	Embedded system	EEE Association	04.09.09	04.09.09
10.	Career Guidance	EEE Association	14.09.09	14.09.09
11.	OEEC-09	ISTE	01.10.09	01.10.09
12.	Aptitude test	ISTE	06.10.09	06.10.09
13.	Industrial Automation	EEE Association	14.10.09	14.10.09
14.	Circuit -discription'09	ISTE	20.10.09	20.10.09
15.	Technical Quiz	ISTE	22.10.09	22.10.09
16.	Power collage'10	ISTE	12.02.10	12.02.10
17.	Invento'10	ISTE	16.03.10	16.03.10
18.	Second National conference	EEE Association	19.03.10	19.03.10
19.	Flex design Contest	ISTE	13.04.10	13.04.10
20.	Electrosheet	ISTE	20.04.10	20.04.10
21.	Mak Model	ISTE	20.04.10	20.04.10
22.	POWER Scenario	EEE Association	13.08.10	13.08.10
23.	VLSI, EMBEDDED SYSTEM	EEE Association	16.11.10	16.11.10
24.	Third National conference	EEE Association	11.03.11	11.03.11
25.	Workshop – Application of neural networks to power system	EEE Association	09.04.11	09.04.11
26.	Training programme	EEE Association	27.01.11	29.01.11
27.	Fundamental Biomedical Technology and Equipment	EEE Association	02.07.11	02.07.11

28.	Guest Lecture	ISTE	22.07.11	22.07.11
29.	MATLAB – A Programming & Simulation Tool	ISTE	29.07.11	30.07.11
30.	Demonstration of Home Appliances	EEE Association	25.08.11	25.08.11
31.	Quiz(Preliminary) Quiz (Main)	ISTE	26.08.11 13.09.11	26.08.11 13.09.11
32.	Guest Lecture	ISTE	17.09.11	17.09.11
33.	Technical symposium on EVATAR’ 11	EEE Association	30.09.11	30.09.11
34.	Poster Presentation	ISTE	18.10.11	18.10.11
35.	Flex Design	ISTE	18.10.11	18.10.11
36.	Guest Lecture	EEE Association	07.01.12	07.01.12
37.	Special Lecture	EEE Association	11.01.12	11.01.12
38.	Workshop on ‘Matlab Programming’	EEE Association	21.01.12	21.01.12
39.	Guest Lecture	EEE Association	07.01.12	07.01.12
40.	Workshop on Demonstration of Home Appliances	EEE Association	11.01.12	11.01.12
41.	Guest Lecture – Microprocessor & Microcontroller	EEE Association	20.01.12	21.01.12
42.	Symposium	EEE Association	07.01.12	07.01.12
43.	Discussion on Recent Issues	EEE Association	11.01.12	11.01.12
44.	Prize Distribution Ceremony	EEE Association	21.01.12	21.01.12
45.	Poster presentation on ‘Green Energy’	EEE Association	20.01.12	21.01.12
46.	Microprocessor & Microcontroller	EEE Association	20.01.12	21.01.12
47.	MATLAB for beginners	ISTE & EEE Association	18.02.12	18.02.12
48.	Transmission & Distribution	Centre for faculty development	17.05.12	24.05.12
49.	Software demo contest in electrical engineering	ISTE	03.09.12	03.09.12
50.	QUIZ contest	ISTE	04.10.12	04.10.12
51.	Technical Documentation Using Latex	EEE Association	10.01.13	11.01.13
52.	Fifth National conference	EEE Association	15.03.13	16.03.13
53.	PCB fabrication Workshop	EEE Association	03.08.13	03.08.13

54.	Guest Lecture - Learn to Meditate	EEE Association	17.08.13	17.08.13
55.	Technical Contest - PCB Fabrication	EEE Association	24.08.13	24.08.13
56.	Guest Lecture - Software testing	EEE Association	14.09.13	14.09.13
57.	Workshop - Demonstration of Home Electrical & Electronic appliances	EEE Association	16.09.13	16.09.13
58.	Inauguration of Quindecennial year	EEE Association	16.09.13	16.09.13
59.	National level Technical Colloquium	EEE Association	01.10.13	01.10.13
60.	Technical Contest – Flux design on Recent Trends in Power Systems	EEE Association	07.10.13	07.10.13
61.	Technical Documentation Using Latex	EEE Association	10.01.13	11.01.13
62.	Technical debate	ISTE	18.10.13	18.10.13
63.	Guest lecture –Career Opportunities	EEE Association	18.01.14	18.01.14
64.	Short film Contest - Social awareness and personality development	ISTE	18.01.14	18.01.14
65.	Quiz contest	ISTE	1.02.14	1.02.14
66.	Guest Lecture - Introduction to Robotics and career opportunities in Robotics	EEE Association	15.02.14	15.02.14
67.	Workshop - Hands On Training in SciLab Software	EEE Association	17.02.14	17.02.14
68.	Workshop - Hands On Training in MATLAB	EEE Association	21.02.14	22.02.14
69.	Sixth National conference	EEE Association	05.03.14	05.03.14
70.	Certificate Design Contest	ISTE	08.03.14	08.03.14
71.	Guest Lecture - Technical Presentation on IT Trends	EEE Association	1.03.14	17.03.14
72.	National Seminar on Distributed Generation and Micro Grid	KCET	02.05.14	03.05.14
73.	Guest Lecture - Restructured power system	EEE Association	09.05.14	09.05.14
74.	FDP on Electromagnetic theory	Centre for faculty development	12.06.14	19.06.14
75.	Guest Lecture - Temperature control in power transformers	EEE Association	23.07.14	23.07.14

**Department of Electronics & Instrumentation**

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	FDP on Graphical programming using LabVIEW	National Instruments, Bangalore	10.01.11	11.01.11
2	FDP on Automation Engineering	ICT academy of TamilNadu	21.09.11	23.09.11

**Department of Information & Technology**

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1.	Two days workshop on Mobile networking in NS-2	KCET	05.01.09	06.01.09
2.	National Conference on Recent Trends in Information Technology NCRTIT-09	DRDO	27.03.09	-
3.	Two days Workshop on IDL- Image Processing Research Tool	Sierra Atlantic ,Inc USA IEEE PODHIGAI Subsection IEEE SIPCICOM Chapter ITFR & CITE ,M.S. University , Tirunelveli	07.10.09	07.10.09
4.	National Conference on Recent Trends in Information Technology NCRTIT-10	DRDO	26.02.10	-
5.	National Level Seminar Image processing and its Applications'10	KCET	08.10.10	-
6.	3 Days Workshop on Mobile Technologies	KCET and BSNL, Chennai	02.09.10	04.09.10
7.	National level Workshop on Network Simulator	KCET	22.10.10	-
8.	National level Faculty Development programme on Web services and SOA	KCET	10.01.11	14.01.11
9.	National Conference on Recent Trends in Information Technology NCRTIT-11	DRDO	10.03.11	-
10.	Workshop on Android	KCET	4.9.12	-

11.	2 Days workshop on Developing Web applications using java technologies	KCET	5.9.12	6.9.12
12.	Guest Lecture on Networking	KCET	17.8.12	-
13.	Guest Lecture on Embedded programming	KCET	4.8.2012	-
14.	Guest Lecture – Recent trends in IT Industry	KCET	20.9.13	
15.	Workshop on “Computer Hardware and Troubleshooting”	KCET	21.09.13 - 05.10.13	28.09.13 - 12.10.13
16.	Guest Lecture - Recent Trends in Information Technology	KCET	5.10.13	-
17.	National Level Technical Symposium FACE IT’13	KCET	11.10.13	-
18.	Guest Lecture – 21 <sup>st</sup> century Skills	KCET	11.01.14	-
19.	Guest Lecture – Web Technology	KCET	18.01.14	-
20.	National Conference on Recent Trends in Information Technology	KCET	07.03.14	-

#### Department of Mechanical Engineering

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	FDP on Finite element analysis	Anna University Chennai (Rs. 70,000)	3.12.12	9.12.12
2	FDP on design of transmission lines	Anna University Chennai (Rs. 90,000)	10.12.13	17.12.13

#### Department of Polymer Technology

S.No	Name of the Programme /Topic	Sponsored by	Duration	
			From	To
1	Frontier in polymer science and Technology	DST & CSIR	08.01.09	09.01.09
2	One day Workshop on Nano Science and Technolog	KCET	25.03.09	-
3	National level workshop on “Recent trends in Composites – 09”	KCET	02.09.09	-

4	one day workshop on “PLASMA MEET – 09”	KCET	25.09.09	-
5	One day Workshop on recent Trends in Rubber Technology	KCET	07.10.09	08.10.09
6	Entrepreneurship development programme	KCET	04.02.10	-
7	One day workshop on polycosmos ‘10	KCET	6.10.10	-
8	One day workshop on polychem ‘11	KCET	28.1.11	-
9	Recent Trends in Nano Technology’11	CSIR	11.03.11	-
10	One day workshop on polycosmos ‘11	KCET	11.10.11	-
11	One day workshop on polycosmos ‘12	KCET	09.11.12	-
12	One day workshop on polycosmos ‘13	KCET	09.10.13	-

**Criterion III : Annexure - II (Refers 3.3.5)**

**ENGLISH**

**NATIONAL – JOURNALS**

- Journal of Indian Writing in English
- IUP – Journal of English Studies
- IUP – Journal of Soft Skills

**MATHEMATICS**

**NATIONAL – JOURNALS**

- Proceedings; Mathematical Science
- Advances in Fuzzy Mathematics
- Advances in Algebra
- Indian Journal of Pure & Applied Mathematics
- Opsearch
- Differential Equations and Dynamical Systems
- IUP – Proceedings Mathematical Science

**INTERNATIONAL – JOURNAL**

- International Journal of Applied Mathematics & Engineering Sciences

**PHYSICS**

**NATIONAL JOURNALS**

- Pramana – Journal of physics
- Indian Journal of pure and Applied Physics
- Indian Journal of Radio & Space physics
- IUP – Indian Journal of Radio and Space Physics
- Journal of Astrophysics and Astronomy
- Journal of Earth system Science
- Asian Journal of Science & Applied Technology
- Asian Journal of Managerial Science

**CHEMISTRY**

**NATIONAL JOURNALS**

- Defence Science Journal
- Sadhana
- International Journal of Wastewater Treatment & Green Chemistry

**BIOTECHNOLOGY**

**NATIONAL JOURNALS**

- Resonance
- Current Science
- Indian Journal of Biotechnology
- Medicinal & Aromatic Plants Abstract
- Journal of Bioscience
- IUP – Journal of Biotechnology
- Developmental Microbiology and Molecular Biology
- Journal of Genetics
- Journal of Computational Intelligence in Bioinformatics
- Indian Journal of Biochemistry & Bio Physics
- Indian Journal of biotech and Biochemistry Research
- Indian Journal of Genetic Engineering and Biotechnology
- Indian Journal of Applied Biotechnology and Biochemistry

### INTERNATIONAL JOURNALS

- International Journal of Bioinformatics
- International Journal of Biotechnology & Biochemistry
- International Journal of Biotechnology Research
- INL Journal of Microbes and Environment Management
- International Journal of BioMathematics and Soft Computing
- Research & Reviews : A Journal of Immunology
- International Journal of Advanced Biotechnology Research
- Global Journal of Biotechnology and Biochemistry Research

### COMPUTER SCIENCE ENGINEERING

#### NATIONAL – JOURNALS

- IUP – Journal of Computer Sciences
- Current Development in Artificial Intelligence
- Journal of Multimedia Processing and Technology(JMPT)
- Advances in Computational Sciences & Technology
- Indian Journal of Computer Science: Theory and Practical
- Indian Journal of Computer Engineering and Networks
- Indian Journal of Modern Software Engineering
- Indian Journal of Computer Graphics & Techniques
- Journal of Smart systems & Technology
- Indian Journal of Mobile Computing
- Indian Journal of Embedded & Microprocessor
- Indian Journal of Modern Grid Computing
- Indian Journal of Computer Simulation
- Journal of E-Technology(JET)
- Journal of Networking Technology(JNT)
- Journal of Intelligent Computing(JIC)

#### INTERNATIONAL – JOURNALS

- International Journal of Computer Science & System Analysis
- International Journal of Networking & Computer Engineering
- International Journal of Web Applications(IJWA)
- International Journal of Computer Science and Software Tech.
- International Journal of Advance Research in Computer Engineering.
- International Journal of Network Security & Research
- International Journal of Advanced Software Engg.
- International Journal of Computer & Digital Techniques
- International Journal of Soft Computing Processing & Techniques
- International Journal of Advanced Computer Science & Tech.
- International Journal of Applied Computing
- International Journal of Computational Intelligence and Research & Applications
- International Journal of Computational Mathematics and Numerical Simulation
- International Journal of Software Engineering and Computing
- International Journal of Artificial Intelligence and Computing
- International Journal of Computing & Applications
- International Journal of computer science & Information technology

## **ELECTRONICS & COMMUNICATION ENGINEERING**

### **NATIONAL JOURNALS**

- IETE Journal of Research
- IETE Technical Review
- IUP – Journal of Telecommunication
- Journal of High Performance Communication Systems & Networking
- Journal of Wavelet Theory & Applications
- Advances in Wireless and Mobile Communication
- ICTACT – Journal on Communication Technology (IJCT) (F)
- ICTACT – Journal on Image and Video Processing(IJIVP) (F)
- Journal of Optics
- Trends in Opto - Electro & Optical Communication
- Indian Journal of Image processing & Techniques
- Indian Journal of Computer Systems Networks & Communication
- Indian Journal of Embedded systems
- Indian Journal of Mobile Communication & Networking
- Indian Journal of Wireless Communication
- Indian Journal of Wireless Communication & Simulation
- Indian Journal of Wireless Networks & Communications
- Indian Journal of Microwave Science & Technology
- Indian Journal of Electronics and Communication

### **INTERNATIONAL JOURNALS**

- International Journal of Advance in Communication Engineering
- INL Journal of Wireless Communications and Networking
- International Journal of Networks & Applications
- International Journal of Wireless Network & Applications
- International Journal of Neural Networks & Techniques
- International Journal of Electronics Engineering.
- International Journal of Analogue Circuits VLSI & Bioelectronics
- INL Journal of Advances in Embedded systems Research
- International Journal of Embedded systems & Computer Engg.
- International Journal of Network & Mobile Technologies
- INL Journal of Information & Communication Technologies
- International Journal of Computer Science & Communication
- INL Journal of Embedded Systems and Communications systems
- INL Journal of VLSI Design & Communication Technology
- INL Journal of Electronics & Tele Communication Instrumentation
- International Journal of Communication Engineering & Tech.
- International Journal of Computational intelligent & Tele communication Systems.

## **ELECTRONICS & INSTRUMENTATION ENGINEERING**

### **NATIONAL JOURNALS**

- Journal of Control & Instrumentation
- Journal of Instrumentation Technology & Innovations
- Indian Journal of Control Science & Engineering
- Indian Journal of Electronics systems & Control
- Indian Journal of Sensors
- Journal of Instrument society of India (F)

### INTERNATIONAL JOURNALS

- International Journal of Industrial Electronics & Control
- International Journal of Control Theory and Applications
- International Journal of Instrumentation Science and Engg. International Journal of Biomedical Signal Processing
- International Journal of Energy systems Computers & control
- International Journal of Wireless Sensor Networks & Applications
- INL Journal of Electronics & Telecommunication, Instrumentation Engg & Tech
- International Journal of VLSI Design & Communication Technology
- International Journal of Power Generation
- International Journal of Power Quality

### POLYMER SCIENCE

#### NATIONAL JOURNALS

- Bulletin of Material Science
- Indian Journal of Chemical Technology
- Journal of Chemical Science
- International Journal of Chemical Engineering
- International Journal of Synthesis and Characterization
- Journal of Polymer Materials: An International Journal
- Indian Journal of Fiber and Textile Research
- Indian Journal of Nanotechnology and Applications
- Indian Journal of Nano Science and Nano Technology
- Indian Journal of Chemistry and Chemical Engineering
- Indian Journal of Chemical Engineering & Textile Engineering
- Journal of Polymer & Composites

#### INTERNATIONAL JOURNALS

- Advances in Material Science and Engineering
- Advances in Tribology
- International Journal of Biomaterials
- International Journal of Polymer Science
- Journal of Drug Delivery
- Journal of Nanotechnology
- International Journal of Carbohydrate Chemistry

### INFORMATION TECHNOLOGY

#### NATIONAL JOURNALS

- Journal of Information Technology & Engineering
- Journal of Neural Computing Systems
- Journal of Intelligent Computing & Application
- Journal of Information Security Research (JISR)
- Indian Journal of Digital Information Technology
- Indian Journal of Computing & High Speed Networks
- Indian Journal of Current Development in IT and Database systems
- Journal of Information and Computation Technology
- Indian Journal of Information Security and Computer
- Journal of Software Project Management and Quality Assurance
- IUP-Journal of Information Technology

- ICTACT Journal of soft Computing

#### INTERNATIONAL JOURNALS

- International Journal of Information and Science and Application
- International Journal of Data Analysis and Information Systems
- International Journal of Internet and Computer Security
- International Journal of Information Studies(IJIS)
- INL JNL of Knowledge Management & Information Technology
- International Journal of Information Retrieval
- INL Journal of Information Technology & Management Research
- INL Journal of Mathematics, Computer Science & Information Tech
- International Journal of Image Processing and Applications

#### **ELECTRICAL & ELECTRONICS ENGINEERING**

#### NATIONAL JOURNALS

- IUP –Journal of Electrical & Electronic Engineering
- Journal of Energy Storage & Conversion
- Journal of Alternate Energy sources & Technologies
- Journal of Electronic Design Technology
- Journal of Power Electronics & Power Systems
- Journal of VLSI Design Tools & Technology
- Trends in Electrical Engineering
- Indian Journal of Electronics & Computer sciences
- Indian Journal of Microcircuits and Electronic
- Indian Journal of Power Engineering Technology
- Indian Journal of Electronics, Circuits and Systems
- Indian Journal of Electrical Power and Energy systems Engg.
- Indian Journal of Electronics Engineering
- Indian Journal of Electrical Engineering
- Indian Journal of Advance in Electrical Engineering
- Indian Journal of Electrical Engineering Computer Engineering
- Indian Journal of Electrical Engineering and Modern Tech.
- Global Journal of System Engineering & Electronics
- Indian Journal of Electronic & Video Engineering
- Indian Journal of VLSI & Circuit Design
- Journal of Central Power Research Institute

#### INTERNATIONAL JOURNALS

- International Journal of Electrical Systems and Control
- Intl. Journal of Electrical Engg. and Embedded Systems
- International Journal of Electric Power
- International Journal of Microelectronics & Information Tech.
- International Journal of Power Generation
- International Journal of Power Quality
- International Journal of Electrical & Computer Engineering
- International Journal of Electric Power
- Intl. Journal of Industrial Electronics & Electrical Engg.
- International Journal of Electric Power System Research.
- International Journal of Electrical Energy Systems.
- International Journal of Energy Systems, Computers & Control.

- International Journal of Innovations in Electric Power Systems.
- International Journal of Electrical Engineering & Tech
- International Journal of Power Electronics & Technology

### **MECHANICAL ENGINEERING**

#### **NATIONAL JOURNALS**

- IUP – Journal of Mechanical Engineering
- Journal of Energy Heat & Mass Transfer
- Journal of Mechanics and MEMS
- Journal of Experimental & Applied Mechanics
- Journal of Production Research & Management
- Indian Journal of Fluids Engineering
- Indian Journal of Manufacturing Systems Research
- Indian Journal of Mechanics and Technology
- Indian Journal of Mechatronics & Applications
- Indian Journal of Mechanics & Solids
- Indian Journal of Advance Material Science
- Journal of Metallurgy and Material Science
- Indian Journal of Automatic Engineering
- Indian Journal of Material Science and Technology
- Indian Journal of Mechanical Engineering and Research
- Indian Journal of Industrial and Production Engg. and Tech.
- Indian Journal of Machine Tools and Maintenance Engineering
- Indian Journal of Production and Quality Testing
- Indian Journal of Modern Production Engineering
- IUP Journal of Heat & Mass Transfer

#### **INTERNATIONAL JOURNALS**

- International Journal of Mechanics and Thermodynamics
- INL Journal of Materials, Manufacturing & Optimization
- INL Journal of Industrial & Production Engg. & Technology
- International Journal of Fluid Mechanics
- International Journal of Manufacturing Science & Engineering
- International Journal of Machine Intelligence & Applications
- International Journal of Advanced Mechatronics & Robotics
- International Journal of Mechanical Power Engineering
- International Journal of Green Manufacturing.
- INL Journal of Mechanical Automobile Engg. & Research.
- International Journal of Advanced Thermal Science & Engg.
- International Journal of Advances in Mechanical Engineering.
- International Journal of Digital Manufacturing.
- International Journal of Manufacturing Excellence.
- International Journal of Material Science & Engineering.
- International Journal of Mechanical Engg. Material Science.
- International Journal of Production & Quality Engineering.

## **CIVIL ENGINEERING**

### **NATIONAL JOURNALS**

- Bridges & Structural Engineer
- IUP - Journal of Structural Engineering
- Journal of Construction Engineering Technology & management
- Indian Journal of Advances in Civil Engineering
- Indian Journal of Civil Engineering Research & Technology
- Indian Journal of Civil Engineering & Applications
- Indian Journal of Civil Construction Facility
- Indian Journal of Structuring Design and Construction
- Indian Journal of Surveying and Structural Engineering
- Indian Journal of Construction Engineering & Technology
- International Journal of Civil & Building Engineering
- International Journal of Advances in Civil Engineering
- International Journal of Environmental Science Research
- International Journal of Civil Engineering & Technology Research
- International Journal of Construction Engineering & Tech

### **INTERNATIONAL JOURNALS**

- International Journal of Oceans & Oceanography
- International Journal of Civil Engineering
- International Journal of Geotechnics and Environment
- International Journal of Sustainable Civil Engineering
- International Journal of Engineering under uncertainty: Hazards, Assessment and Mitigation
- International Journal of Civil Engineering and Construction Tech.
- International Journal of Surveying & Structural engineering.
- International Journal of Mechanics Structural.
- International Journal of Civil Mechanical Engineering
- International Journal of Civil Engineering & Application.
- International Journal of Civil Engineering & Architecture.
- International Journal of Civil Constructed Engineering.
- International Journal of Materials in Civil Engineering.

**Criterion III : Annexure - III (Refers 3.4.3)**

**Details of National/International Journals**

**Department of Biotechnology**

S. No	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	Page No	IF
1	Avicenna Journal of Medical Biotechnology	Int.	Rajaram shyamkumar, Innasi Muthu Ganesh Moorthy, Karuppiah Ponmurugan and Rajoo Baskar	Production of L- glutamic Acid with Corynebacterium glutamicum(NCIM 2168) and Pseudomonas reptilivora ( NCIM 2598): A study on immobilization and reusability	6	2014	163-168	(Indexed)
2	Advanced Materials research	Int.	S.Karthikumar, V.Ragavanand ham, S.Kanagaraj, R.Manikumar, A.Asha and Anant Achary	Preparation, characterization and engine performance characteristics of used cooking sunflower oil based bio-fuels for diesel engine	984-985	2014	913-923	-
3	IJPPS	Int.	V.Shunmuga Priya and P.Rajaguru	RNAI Mediated silencing of eukaryotic initiation factor 4B (EIF4B) to enhance Chemo-Sensitivity of Breast cancer cells	6	2014	626-631	-
4	Preparative Biochemistry and Biotechnology	Int.	Er.I.Ganesh Moorthy	Modelling and Optimization of Glutamic acid using mixed culture of Corynebacterium NCIM 2168 and Pseudomonas reptiliovora NCIm 2598	-	June 2013	-	0.614

S. No	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	Page No	IF
5	African Journal of Biotechnology	Int.	Dr.Anant Achary	Anticoagulant property of sulphated polysaccharides extracted from marine brown algae collected from Mandabam Island, India	Vol. 12 (16)	Apr 2013	1937-1945	0.53
6	African Journal of Biotechnology	Int.	Dr.M.Vasanthi	Anticoagulant property of sulphated polysaccharides extracted from marine brown algae collected from Mandabam Island, India	Vol. 12 (16)	Apr 2013	1937-1945	0.53
7	Asian Pacific Journal of Tropical Disease	Int.	Dr.M.Vasanthi	Comparative analysis of Phytochemical constituents present in various parts of <i>Aegle marmelos</i>	-	April 2012	S774 – S777	-
8	International journal of Applied Biology	Int.	Ms.V.G.P.Swar na @ Asha devi	Effect of Dual Inoculation of <i>Rhizobium</i> and <i>phosphobacteria</i> on the growth of Glycine max	Vol. 2(3)	2011	24-28	-
9	Journal of Medicinal Plants Research	Int.	Dr.R.Shyam Kumar	Macromolecular and Fatty acid Profile studies on Symbiotic cyanobacterial isolates of <i>cyanolichens</i>	Vol. 5 (17)	Sep 2011	4188-4193	1.54
10	Journal of Bioscience research	Int.	Dr.R.Shyam Kumar	Utilization of waste ripe Banana , and peels for Bio ethanol production using <i>Saccharomyces cerevisiae</i>	Vol. 2(2)	2011	67-71	-

S.No	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	Page No	IF
11	Journal of Bioscience Research	Int.	Er.I.Ganesh Moorthy	Utilization of waste ripe Banana , and peels for Bio ethanol production using <i>Saccharomyces cerevisiae</i>	Vol. 2(2)	2011	67-71	-
12	Journal of Pharmacognosy and Phytotheraphy	Int.	Mr.S.Karthikumar	Immunomodulatory activity of <i>Eclipta prostrata</i> in SRBC immunized mice	Vol. 3 (4)	May 2011	52-55	0.71
13	National Seminar on Emerging trends in Plant Protection	Int.	Ms.K.S.V.Vijaya lakshmi	Invitro propagation of <i>Justicia gendarussa</i>	-	Mar 2011	79	-
14	Journal of biodiversity and conservation	Int.	Dr.R.Shyam Kumar	Diversity of Lichens in kollihills of Tamilnadu, india.	Vol. 3(2)	Feb 2011	36-39	-
15	Journal of Biopesticide	Int.	Mrs. K.Mohana	The comparative efficiency of <i>Bacillus thuringiensis israelensis</i> crystal proteins in free and montmorillonite bound state as a larvicide in the ovitraps for <i>culex quinquefasciatus</i> say	Vol. 3(1)	2010	408-412	-

S.No	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	Page No	IF
16	TNSCST- Proceedings	Nat.	Dr.Anant Achary	Degradation of textile dyes by <i>Halophillic</i> micro organism	-	May 2010	225 - 227	-
17	African Journal of Biotechnology	Int.	Dr.Anant Achary	Optimization of medium for the production of substillisin from <i>Bacillus subtilis</i> MTCC 441.	Vol.8 (22)	Nov 2009	6327- 6331	0.53
18	Journal of Research & Review in Bioscience	Int.	Dr.R.Shyam Kumar	Influence of temperature and light intensity on growth of symbiotic <i>Cyanobacteria</i> isolated from <i>Cyanolichens</i>	Vol. 3 (4)	Oct 2009	-	-
19	Journal of medicinal Plants Research	Int.	Mr.S.Karthi kumar	Isolation of potential antibacterial and antioxidant compounds from <i>Acalypha indica</i> and <i>Ocimum basilicum</i>	Vol.3 (10)	Oct 2009	703- 706	1.54
20	TNSCST- Proceedings	Nat.	Dr.Anant Achary	Degradation of textile dyes by <i>Halophillic</i> micro organism	-	May 2010	225 - 227	-
21	Environmental Science-Indian Journal	Nat.	Dr.R.Shyam Kumar	Effect of cadmium and lead on growth of symbiotic <i>Cyanobacteria</i> isolated from <i>Cyanolichens</i>	Vol. 4	2009	-	-

S.No	Journal Name	Nat./Int.	Authors	Paper Title	Vol.	Year	Page No	IF
22	Journal of Economic and taxonomic botany	Int.	Dr.R.Shyam Kumar	Additions to lichens flora of yerkaud (Shervaroy Hills) Tamilnadu, India	Vol. 33	2009	-	-
23	Advanced Biotech	Int.	Dr.R.Shyam Kumar	Effect of salinity and pH on growth of cyanobacteria isolated from cyanolichens	Short communication	2009	35-38	-
24	Advanced Biotech	Int.	Dr.R.Shyam Kumar	Effect of salinity and pH on growth of cyanobacteria isolated from cyanolichens	Short communication	2009	35-38	-

#### Details of National/International Conferences

S.No	Conference Name	Nat./Int.	Authors	Paper Title	Vol.	Year	Page No
1	International conference on Advances in Biomedical and Pharmaceutical Nanotechnologies	Int.	Dr.K.Geetha	Green synthesis of Silver Nanoparticles using Ocimum sanctum Leaf extract and its larvicidal activity against Aedes aegypti	-	June 2013	
2	Proceedings of National Seminar on Recent Trends in advanced Fermentation Technology	Nat.	Er.V.A.Mathura	Optimization studies for the growth of Spirulina plantensis and Extraction , Purification and Assessment of Antioxidant potential of Phycocyanin	-	Mar 2013	8
3	National conference on Microbial Technology for Sustainable development	Nat.	Dr.Anant Achary	Optimization of Growth of <i>Chroococcus sp</i> studies on the effect of Trace elements.	AB-106	Feb 2013	60
4	National conference on Microbial Technology for Sustainable development	Nat.	Dr.Anant Achary	Isolation and identification of Lipase producing bacteria from used cooking oil	AB - 048	Feb 2013	118

5	National conference on Microbial Technology for Sustainable development	Nat.	Mr.S.Karthi kumar	Isolation and identification of Lipase producing bacteria from used cooking oil	AB - 048	Feb 2013	118
6	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Dr.M.Vasanthi	Prediction of Biological Activity spectra of Bioflavanoid through <i>insilico</i> approach	-	Feb 2013	25
7	National conference on Applications of computation in Biotechnology	Nat.	Dr. Anant Achary	Mutation analysis in Tay-Sachs disease (TSD) through <i>in silico</i> approach	-	Feb 2013	26
8	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Dr. Anant Achary	Studies on effect of micronutrients on growth of <i>haematococcus pluvialis</i> for Astaxanthin production	-	Feb 2013	23
9	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Dr. Anant Achary	Metabolic Engineering – An emerging tool to reduce the production cost of bioproduct	-	Feb 2013	63
10	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mrs.K.Mohana	Insilico studies on protein-protein interaction of amyloid precursor beta protein (APP) with Beta secretase	-	Feb 2013	41
11	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mrs.K.Mohana	<i>In silico</i> drug discovery on dengue fever using anti dengue herbal compounds	-	Feb 2013	29
12	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mrs.K.Mohana	Targeting ML-LBP21 mediated schwan cell incursion leprosy: in silico drug docking analysis to dampein invasion of the pns by <i>Mycobacterium leprae</i>	-	Feb 2013	28

13	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mrs.K.Mohana	Mutation analysis in Tay-Sachs disease (TSD) through <i>in silico</i> approach	-	Feb 2013	26
14	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mrs.K.Mohana	Prediction of biological activity spectra of bioflavanoid through <i>insilico</i> approach	-	Feb 2013	25
15	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Ms.K.S.Vijayalakshmi	Studies on effect of micronutrients on growth of <i>haematococcus pluvialis</i> for Astaxanthin production	-	Feb 2013	23
16	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Er.S.Maria Amal Raj	Metabolic Engineering – An emerging tool to reduce the production cost of bioproduct	-	Feb 2013	63
17	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mr. S.Manibalan	In silico Analysis on mRNA Decay Rates of Mouse Embryonic Stem Cell Genes	-	Feb 2013	38
18	National conference on Applications of computation in Biotechnology Zoro n2p – 2013	Nat.	Mr. S.Manibalan	Docking studies of shikimate kinase in <i>Mycobacterium tuberculosis</i> with Phlorotannin	-	Feb 2013	59
19	International conference on Bioenergy, Environment & sustainable technologies – BEST 2013	Int.	Dr.Anant Achary	Cultivation of <i>Chroococcus sp.</i> And comparison of growth under phototrophic and heterotrophic cultivation.	-	Jan 2013	70
20	Indo-US workshop on mathematical Chemistry IUSWMC 2012	Int.	Mrs.K.Mohana	Functional annotation of a few Hypothetical protein coding genes from the genome of <i>Staphylococcus aureus</i> MRSA252	-	Dec 2012	37

21	5 <sup>th</sup> international congress of Environmental research, ICER 2012 Malaysia	Int.	Mr.B.Rengesh	Enzymatic delignification of <i>Bambusa vulgrais</i> Using white rot fungi <i>tramates versicolor</i> (NCIM 1086) for biofuel production : An optimization Study	-	2012	152
22	National conference on Recent advances in Biotechnological research ZORO n2p - 2012	Nat.	Dr.Anant Achary	Optimization of Physical parameters for obtaining high Biomass of <i>Chroococcus sp.</i>	-	Feb 2012	44
23	National conference on Recent advances in Biotechnological research ZORO n2p – 2012	Nat.	Dr.Anant Achary	Studies on the effect of Hepatotoxin Hepatoprotective Agent in Kidney	-	Feb 2012	31
24	National conference on Recent advances in Biotechnological research ZORO n2p – 2012	Nat.	Dr.Anant Achary	Extraction And Purification Of Fucoidan From Brown Algae And Evaluation Of Its Antioxidant Activity	-	Feb 2012	42
25	National conference on Recent advances in Biotechnological research Zoro n2p – 2012	Nat.	Dr.M.Vasanthi	A study on effect of <i>Prosopis juliflora</i> on delayed seed germination of <i>Arachis hypogaea L</i>	-	Feb 2012	36
26	National conference on Recent advances in Biotechnological research Zoro n2p – 2012	Nat.	Dr.K.Geetha	Biochemical Analysis and antibacterial assay of chicorium intybus	-	Feb 2012	33
27	National conference on Recent advances in Biotechnological research Zoro n2p – 2012	Nat.	Er.V.A.Mathura	Optimization studies for the cultivation of <i>Spirulina platensis</i> and Phycocyanin extraction.	-	Feb 2012	33
28	3 rd International conference on Bioinformatics and systems biology (INCOBS 2012) Proceedings	Int.	Dr.Anant Achary	Structure Prediction of Glutathione – S transferase of <i>Brugiya malayi</i> through Bioinformatics approach	-	Feb 2012	17

29	3 rd International conference on Bioinformatics and systems biology (INCOBS 2012) Proceedings	Int.	Mrs.K.Mohana	Structure Prediction of Glutathione – S transferase of <i>Brugiya malayi</i> through Bioinformatics approach	-	Feb 2012	17
30	3 rd International conference on Bioinformatics and systems biology (INCOBS 2012) Proceedings	Int.	Mrs.K.Mohana	Insilico screening of antiviral compounds against rotavirus structural proteins	-	Feb 2012	17
31	3 rd International conference on Bioinformatics and systems biology (INCOBS 2012) Proceedings	Int.	Mrs.K.Mohana	In silico design of novel design protein which might act as a potential cure to HIV	-	Feb 2012	17
32	3 rd International conference on Bioinformatics and systems biology (INCOBS 2012) Proceedings	Int.	Mrs.K.Mohana	In silico screening of antiviral compounds against dengue viral proteome.	-	Feb 2012	17
33	International Conference – Chemcon'12 (Proceedings of Indian Chemical Engineering Congress)	Int.	Er.I.Ganesh Moorthy	Recovery of silver from used X-Ray film by alkaline protease enzyme	Vol. 2	Dec 2011	75
34	International Conference – Chemcon'12 (Proceedings of Indian Chemical Engineering Congress)	Int.	Er.I.Ganesh Moorthy	Optimization of Medium Components and Process Parameters for the production of L-Glutamic acid using <i>Micrococcus glutamicus</i> NCIM 2168 through response surface methodology	Vol. 2	Dec 2011	350

35	International Conference on New Horizons in Biotech & 8th Annual Convention of The Biotech research Society, India	Int.	Er.I.Ganesh Moorthy	Statistical modeling of alkaline protease production from a newly isolated <i>Bacillus species</i> BGS using Plackett - Burman design	-	Nov 2011	101
36	2 nd International Conference on Biotechnology for better life	Int.	Er.I.Ganesh Moorthy	Optimization of Alkaline protease production by <i>Bacillus species</i> through Experimental Design	-	Nov 2010	-

**Department of Civil Engineering**  
**Details of National/International Journal**

S. No	Journal Name	Nat. /Int.	Authors	Paper Title	Vol.	Year	Page No	IF
1	Advanced Materials Research	Int.	Mrs.T.Meena And Dr.G.Elangovan	Mechanical Properties And Stress-Strain Behaviour Of Hybrid Fibre Reinforced Self-Compacting Concrete	2	2014	677-684	-
2	An Inter. Interdisciplinary Journal	Int.	Mrs.T.Meena And Dr.G.Elangovan	An Experimental Study On Fresh And Hardened State Properties Of Fibre Reinforced Self Compacting Concrete Using Different Types Of Fibres	17	2014	2915-2924	-
3	Inter. Journal Of Science And Research	Int.	N.Vignesh Kumar, S.Aruna Devi	Experimental Study On Partial Replacement of Cement With Coconut Shell Ash In Concrete	3	2014	651-661	-
4	Inter. Journal Of Research In Engg. & Techn.	Int.	P. Ganesh Prabhu, C. Arun Kumar, R. Pandiyaraj, P. Rajesh L. Sasi Kumar	Study On Utilization Of Waste Pet Bottle Fiber In Concrete	2	2014	233-240	-
5	Iranian Journal of Environmental Health Sciences & Engg.	Int.	Rajan Gandhimathi, Nalladurai Jegan Durai, Puthiya Veetil Nidheesh, Sreekrishnapurumal Thanga Ramesh Subramaniam Kanmani	Use of combined coagulation-adsorption process as pretreatment of landfill leachate	3	2013	1 – 7	-

S. No	Journal Name	Nat./Int.	Authors	Paper Title	Vol.	Year	Page No	IF
6	Inter. Journal Of Earth Sciences And Engineering	Int.	Mrs.T.Meena And Dr.G.Elangovan	State-Of-The Art Report On Hybrid Fibre Reinforced Self Compacting Concrete	6	2013	39-44	-
7	Arabian Journal for Science and Engg.	Int.	Kathirvel, P., Saraswathy, V., Karthik, S.P. Sekar, A.S.S	Strength and durability properties of quaternary cement concrete made with flyash, rice husk ash and limestone powder	38	2013	589-598	-
8	Korean Society of Civil Engineers (KSCE) Journal of Civil Engg.	Int.	Saraswathy, V., Muralidharan, S., Balamurugan, L., Kathirvel, P Sekar, A.S.S.	Evaluation of Composite Cements using Cyclic Polarization Techniques	15	2011	1415-1418	-

#### Details of National/International Conferences

S.NO	Conf. Name	Nat./Int.	Authors	Paper Title	Year	Page. No
1.	NCSBMM-14 Organized By Department Of Civil Engineering, KCET, Virudhunagar	Nat.	Dr.L.Noarayanan	Optimal Design And Deflection Study For Steel Space Truss	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	95
2.	Entroidos- 13", Organized By Department Of Civil Engineering, KCET, Virudhunagar	Nat.	Dr.L.Noarayanan	Performance Of Variation In Geometry For A Steel Space Truss	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	101
3.	Entroidos- 13", Organized By Department Of Civil Engineering, KCET Virudhunagar	Nat.	Dr.L.Noarayanan K. Selvam	Magnetic Levitation Concept In Midrise Buildings	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	91
4.	Frontier	Nat.	Dr.R.Lakshmi	Feasibility study	24.02.14	-

	applications of Civil Engineering			on the applications of Plastic waste in Concrete	& 25.0214	
5.	Corrosion And Health Monitoring Of Concrete Structures Held At Psna,Dindigul.	Nat.	Dr.R.Lakshmi Dr.L.Noarayanan	A Feasibilty Study On The Recycling Application Of Plastic Waste In Concrete And Bituminous Mixes	10 <sup>th</sup> April 2014	-
6.	Corrosion And Health Monitoring Of Concrete Structures Held At Psna,Dindigul.	Nat.	Dr.R.Lakshmi	A Feasibilty Study On The Application Of Gps Technology For Structural Health Monitoring	10 <sup>th</sup> April 2014	-
7.	NCSBMM-14 Organized By Department Of Civil Engineering, Kamaraj College Of Engineering And Technology, Virudhunagar	Nat.	M.Subahar	Study Of Con Cob Ash Concrete	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	183
8.	ICONRACE -2014	Nat.	Mr.K.Selvam	The modeling & Strengthening of Notches in Timber Joints	10 <sup>th</sup> & 11 <sup>th</sup> 2014	105
9.	ICONRACE -2014	Nat.	Mr.K.Selvam	Seismic analysis of reinforcement concrete building and idealization of the suitable technique	27 <sup>th</sup> and 28 <sup>th</sup> march , 2014	213

10.	NCSBMM-14 Organized By Department Of Civil Engineering, KCET, Virudhunagar	Nat.	Mrs.S.Thahira Banu	Strengthening Of Corrosion Inflicted Rc Structural Members Using FRP	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	-
11.	ETEC 14 KSR College Of Engineering	Nat.	Mrs.S.Thahira Banu	Strengthening Of Corrosion- Inflicted Rc Beams Using BFRP Composites	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	-
12.	NCSBMM-14 Organized By Department Of Civil Engineering, KCET, Virudhunagar	Nat.	Mr.D.Velumani	Flexural Behavior Of Quaternary Blended Cement Concrete With Glass Fibre	27 <sup>TH</sup> AND 28 <sup>TH</sup> MARCH 2014	-
13.	ENTROIDOS- 13", organized by Department of Civil Engineering, KCET, Virudhunagar	Nat.	Mrs.T.Meena	An Experimental Study On Self Compacting Concrete Incorporating AR Glass Fibers	16 <sup>th</sup> and 17 <sup>th</sup> April, 2013	-
14.	ENTROIDOS'13 KCET, Virudhunagar	Nat.	Mr.D.Velumani	Study of Quaternary Blended Cement Concrete with Glass Fibre	16 <sup>th</sup> & 17 <sup>th</sup> April, 2013	-
15.	ENTROIDOS 2013	Nat.	R. Arichandran	Experimental Study On Corrosion Performance Of Steel Embedded In Concrete Using Electro-Chemical Method	16 <sup>th</sup> & 17 <sup>th</sup> April 2013	-

16.	ISDASC - 13", organized by Department of Civil Engineering, KLN College of Information Technology, Pottapalayam	Nat.	Mrs.T.Meena and Dr.G.Elangovan	State-Of-The Art Report on Hybrid Fibre Reinforced Self Compacting Concrete	16 <sup>th</sup> & 17 <sup>th</sup> Dec. 2012	-
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**Department of Computer Science & Engineering**  
**Details of National/International Journal**

S. No	Journal Name	Nat. /Int.	Authors	Paper Title	Vol.	Year	Page No	IF
1	Journal of Theoretical and Applied Information Technology	Int.	V.Sutha Jebakumari	Medical Image Compression Based on set Partitioning in Hierarchical trees using Quantized Coefficients of Self Organizing feature Map for MR Images	56	2014	1817-3195	-
2	Journal of Emerging Technology Web Intelligence	Int.	P.Subathra	A Survey on Prevention Approaches for Denial of Sleep Attacks in Wireless Networks	16	2014	1992-8645	-
3	American Journal of Engineering and Applied Sciences	Int.	V.Sutha Jebakumri	Self Organizing Map Cluster Approach For Wavelet Based Medical Image Compression	-	2013	-	-
4	International Journal of Research in Engineering and Technology	Int.	S.Arul mary	An Interactive Image Segmentation using Multiple User Inputs	-	2013	-	-

5	International Journal of Research in Engineering and Technology	Int.	B.Krishnalakshmi, P.Swathika, M.Pradhiba Selvarani	An Interactive Image Segmentation using Multiple User Inputs	-	2013	-	-
6	ICTACT Journal on Image & Video Processing	Int.	V.Sutha Jebakumari	Parametric Evaluation on the performance of various image compression algorithms	1	2011	229-235	-
7	CIIT International Journal of Digital Image Processing	Int.	S.T.Veena	An Efficient Construction of Extended Visual Sharing Scheme using Error Diffusion	-	2011	0974-9691	-
8	CIIT International Journal of Digital Image Processing	Int.	S.Arul Mary	An Efficient Construction of Extended Visual Sharing Scheme using Error Diffusion	-	2011	0974-9691	-
9	CIIT International Journal of Digital Image Processing	Int.	P.Swathika	An Efficient Construction of Extended Visual Sharing Scheme using Error Diffusion	-	2011	0974-9691	-
10	CIIT International Journal of Digital Image Processing	Int.	M.Pradhiba Selvarani	An Efficient Construction of Extended Visual Sharing Scheme using Error Diffusion	-	2011	0974-9691	-
11	CIIT International Journal of Digital Image Processing	Int.	V.Sutha Jebakumari	Hybrid Vector Quantization Design using SPIHT & PVQ in the Lifting Wavelet Domain	3	2011	-	-

12	CIIT International Journal of Networking & Communication Engineering	Int.	G.Srinivasan	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	-	2011	0974-9616	-
13	CIIT International Journal of Networking & Communication Engineering	Int.	L.Prabahar	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	-	2011	-	-
14	CIIT International Journal of Networking & Communication Engineering	Int.	B.Muthukrishna Vinayagam	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	-	2011	-	-
15	International Journal of Computational Intelligence Research & Applications	Int.	L.Prabahar	Enhancing TCP's Performance in Multihop Wireless Networks	3	2009	163-168	-

#### Details of National/International Conferences

S. No	Conf. Name	Nat. /Int.	Authors	Paper Title	Vol.	Year	Page No
1	National Conference on Issues and Trends in Advanced Computing (NITAC-2014)	Nat.	V.Sutha Jebakumari	Web Based Agriculture Irrigation Suggestion System	-	2014	-
2	National Conference on Issues and Trends in Advanced Computing	Nat.	G.Srinivasan	Microcontroller Based Solar Tracking System	-	2014	-

3	National Conference on Big Data Analysis and Cyber Security	Nat.	P. Sudhakar	Big Data Analysis and Cyber Security	-	2014	-
4	International Conference on Communication and Computer Engineering	Nat.	P. Sudhakar	Semantic search using Natural Language Processing	-	2014	-
5	International Conference on Communication, Computing and Information Technology	Int.	P.Sudhakar	Signed with Weight technique for Mining Web Content Outliers	-	2013	-
6	National Conference on Information and Computer Engineering- NICE 2013	Nat.	P.Swathika	A Novel Approach for Interactive Image Segmentation	-	2013	-
7	National Conference on Information and Computer Engineering- NICE 2013	Nat.	M.Pradhiba Selvarani	A Novel Approach for Interactive Image Segmentation	-	2013	-
8	International Conference on Computing, Cybernetics and Intelligent Information System (CCIIS'2013)	Int.	R.Ramya	Geometric and Surface Curvature Feature Based 3D Facial Expression Recognition	-	2013	-

9	International Conference on Computing, Cybernetics and Intelligent Information System	Int.	A.Anandh	Content Based Image Retrieval System Based on Dominant Color Features and Semantic Information	-	2013	-
10	National Conference on Information and Computer Engineering-NICE 2013	Nat.	B.Krishnalakshmi	A Novel Approach for Interactive Image Segmentation	-	2013	-
11	National Conference on Information and Computer Engineering-NICE 2013	Nat.	S.Arul mary	A Novel Approach for Interactive Image Segmentation	-	2013	-
12	International Conference on Advances in Recent Technologies in Communication and Computing,ART 2013	Int.	G.Annalakshmi	Efficient Approach for Cervical Cancer Detection using Watershed Segmentation in different colour spaces	-	2013	-
13	National Conference on Frontiers of Computer Science and Computation Technologies "NCFCSCT 2013"	Nat.	G.Srinivasan	A Design Approach to smart Health Monitoring BSN System	-	2013	-

14	National Conference on Frontiers of Computer Science and Computation Technologies "NCFCSCT 2013"	Nat.	S.Priyadharshini	Impact of Selfish Nodes in Replica Allocation over MANET	-	2013	-
15	International Conference on Applied Computing	Int.	G.Srinivasan	Automatic Early Hazard Detection Using Wireless Sensor Web	-	2012	-
16	Emerging Trends in Computer & Communication Technology	Int.	P.Charanya	Knowledge Based Search Algorithms in Unstructured P2P Networks	-	2012	-
17	International Multi Conference of Engineers and Computer Scientists 2012	Int.	P.Sudhakar	Content Based Ranking for Search Engines	-	2012	-
18	International Multi Conference of Engineers and Computer Scientists 2012	Int.	P.Sudhakar	Relevance Ranking and Evaluation of Search Results through Web Content Mining	-	2012	-
19	International Multi Conference of Engineers and Computer Scientists 2012	Int.	P.Sudhakar	Comparative Study of Email Spam Classifier using Datamining Techniques	-	2012	-
20	International Conference Recent Advancement in Electrical Electronics & Control Engineering	Int.	R.Malarvizhi	Web-Based Power Flow Analysis using MAT Lab builder JA	-	2011	-
21	ICCCI 10	Int.	S.T.Veena	Adaptive Visible Watermarking and Copy Protection of Reserved Multimedia Data	-	2010	-

22	ICCCI 10	Int.	V.Lakshmi	Fault Prediction using Conceptual Cohesion in Object Oriented System	-	2010	-
23	ICCCI 10	Int.	V.Pushparani	NTRU-Public key Crypto system for Constrained Memory Devices	-	2010	-
24	International Conference on Smart Technologies(ICS T-2011)	Int.	L.Prabakar	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	-	2011	-
25	Hi-Tech Trends in Emerging Computational Technologies	Int.	B.Muthukrishna Vinayagam	Enhancement of Thinprep Cervical Cell Images using Trapezoidal	-	2011	-
26	Recent Trends in Computing, Communication and Technology	Int.	B.Muthukrishna Vinayagam	Comparative Analysis of Image Compression Algorithms	-	2011	-
27	International Conference on Smart Technologies(ICS T-2011)	Int.	B.Muthukrishna Vinayagam	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	-	2011	-
28	International Conference on Smart Technologies(ICS T-2011)	Int.	G.Srinivasan	Automatic River Pollutant Monitoring & Flood Detection using Sensor Web	-	2011	-
29	Hi-Tech Trends in Emerging Computational Technologies	Int.	G.Srinivasan	Automatic River Level Monitoring and Flood Detection using Sensor Web	-	2011	-
30	National Conference on Emerging Technologies (NACET-2011)	Nat.	B.Selvakumar	Policy Based Load Delegation in Service Grid Environment	-	2011	-
31	National Conference on Information, Communication & Networking(NCIC N-2011)	Nat.	B.Selvakumar	Policy Based Load Delegation in Service Grid Environment	-	2011	-

32	Conference on Advanced Network and Image Processing	Nat.	S.Karpagam	Data hiding using Adaptive LSB substitution for gray & color images	-	2010	-
33	International Conference on Advanced, Emerging Trends in Computing	Int.	S.Karpagam	Photo retrieval system using adaptive LSB substitution steganography scheme	-	2010	-
34	High Performance Networking and Computing	Nat.	V.Pushparani	Public key cryptosystem based on NTRU	-	2010	-
35	Recent Trends in Soft Computing	Nat.	V.Pushparani	Public key cryptosystem based on NTRU	-	2010	-
36	ICEDSP'09	Int.	G.Srinivasan	Health Care Monitoring for Mobile Patients	-	2009	-
37	UGC sponsored National Conference	Nat.	V.Sutha Jebakumari	Multi Vector Quantizer Design for Image Compression	-	2010	-
38	National Conference on Advanced Image Processing & Networking	Nat.	S.T.Veena	Copy Protection of images by blind reversible visible watermarking	-	2010	-
38	National Conference on Advanced Image Processing & Networking	Nat.	S.T.Veena	Copy Protection of images by blind reversible visible watermarking	-	2010	-
39	National Conference on Advances in Computer Engineering and Networking ACENET'10	Nat.	P.Meha	Human Activity Recognition using HMM	-	2010	-
40	National Conference on High Performance Computing VISION'10	Nat.	P.Meha	HMM Based Human Activity Recognition	-	2010	-

**Department of Electrical & Electronics Engineering**

**Details of National/International Journal**

<b>S. NO</b>	<b>Journal Name</b>	<b>Nat./ Int.</b>	<b>Authors</b>	<b>Title of the paper</b>	<b>Vol. No</b>	<b>Year</b>	<b>Page. No</b>	<b>IF</b>
1.	International Journal of Engineering Research & Technology	Int.	Dr.S.Kalyani, K.BoopathiRaj, S.Balamurugan	PV-HID Street Lighting System using MPPT Algorithm	3	2014	-	-
2.	Int. Journal of Advanced Research in Electrical Electronics and Instrumen.	Int.	G.P.Amisha Vishnu Priya Dr.S.Kalyani	Optimal Design of Multi Type DG Resources using Particle Swarm Optimization	3	2014	-	-
3.	International Journal of Engineering Research & Technology	Int.	Dr.S.Kalyani, K.BoopathiRaj, S.Balamurugan	PV-HID Street Lighting System using MPPT Algorithm	3	2014	-	-
4.	International Journal of Advanced Research in Electrical Electronics and Instrumen.	Int.	G.P.Amisha Vishnu Priya Dr.S.Kalyani	Optimal Design of Multi Type DG Resources using Particle Swarm Optimization	3	2014	-	-
5.	International Journal of Research and Engineering Technology	Int.	P.M.DEVIE Dr.S.Kalyani	An Optimization Framework for Cloud-Based Data Management Model in Smart Grid	-	2014	-	-
6.	Institution of Engineers (India), Electrical Engineering Division.	Nat.	V.Suganthi, S.Mahalakshmi Dr.S.Kalyani	Optimal Capacitor Placement in Radial Distribution Feeders using Fuzzy-Differential Evolution for Dynamic Load Condition.	-	2014	-	-
7.	Journal of Renewable and Sustainable Energy	Int.	S.M.Alamelu, S.Baskar, C.K.Babulal. Dr.S.Jeyadevi	Optimal siting and sizing of unified power flow controller using covariance matrix adapted evolution strategy in grid integrated wind	6	2014	-	0.2

				energy conversion systems				
8.	International journal for scientific engineering research	Int.	J.Eswari Dr.S. Jeyadevi	An Adaptive Control for Autonomous Micro grid Using Swarm Intelligence Techniques	5	2014	1945-1950	0.1
9.	Int. journal of engineering trends and technology	Int.	J.Eswari Dr.S. Jeyadevi	An evolutionary approach for optimal citing and sizing of microgrid in radial distribution systems	11	2014	-	.01
10.	International journal on Recent Trends in Engineering &Technology	Int.	L.J.Ganesan D.Edison Selvaraj Dr.S. Jeyadevi	Performance Analysis of Single Phase Induction Motor by Coated with AL <sub>2</sub> O <sub>3</sub> Nano Filler Mixed Enamel	10	2014	-	-
11.	Int. Journal of Innovative Research in Science, Engineering and Technology	Int.	M.Rajalakshmi Dr.S. Jeyadevi C.Karthick	Recurrent Neural Network Identification: Comparative Study On Nonlinear Process	3	2014	156-161	.01
12.	International journal of innovative research in science , engg. and technology	Int.	S.Nandini P.Suganya K.Muthulakshmi	Congestion management in transmission lines considering demand response and facts devices	3	2014	-	-
13.	International journal of innovative research in science , engg. and technology	Int.	S.Nandini P.Suganya K.Muthulakshmi	Congestion management using UPFC in deregulated power system	3	2014	-	-
14.	International Journal of Advanced Research in Electrical Electronics and Instrumentation	Int.	I. Catherine Divya Dr.S.Nagalakshmi	Comparison of Mincut and Differential Evolution Algorithms for SCOPF with FACTS Devices under normal and n-1 contingency conditions	3	2014	-	-

15.	International Journal of Advanced Research in Electrical Electronics and Instrumen.	Int.	G. Chandra Prabha Dr.S.Nagalakshmi	Loss Based Distribution system Planning Incorporating Multiple DG in Distribution Network	3	2014	-	-
16.	International Journal of Science, Engg .and Technology Research	Int.	Dr.D.PRINCE WINSTON Mr. SAKTHIVEL	Application Of Optimization Techniques In Smart Grids.	3	January 2014	-	-
17.	International Journal of Research in Computer Applications and Robotics	Int.	Dr.D.PRINCE WINSTON Mr. GANESHAN	Experimental Analysis of Total Harmonic Distortion by Applying Various PWM .Techniques on Three Phase Squirrel Cage Motor.	2	February 2014	-	-
18.	Advances in Electronic and Electric Engineering	Int.	Dr.D.PRINCE WINSTON Mr. GANESH RAJA	Design and Simulation of Multilevel Inverter Suitable for Grid Connected PV System.	4	February 2014	-	-
19.	Advances in Electronic and Electric Engineering	Int.	Dr.D.PRINCE WINSTON Mr. PRAVEEN	Protection and Performance Improvement of a Photovoltaic Power System.	4	2014	-	-
20.	International Journal of Scientific & Engineering Research,	Int.	Dr.D.PRINCE WINSTON Ms. MERLIN	Fuzzy Logic Based Control of a Grid Connected Hybrid Renewable Energy Sources	5	2014	-	-
21.	Applied Mechanics and Materials	Int.	S.Rajeshbabu, B.V.Manikandan	Power Quality Assessment And Enhancement In A Grid Connected Renewable Energy System Using Dynamic Voltage Restorer	573	2014	716-721	-

22.	International Journal of Electrical power and Energy System	Int.	Dr.S. Kalyani K.S.Swarup	Pattern Analysis and Classification for Security Evaluation in Power Networks	44	2013	547-560	1.5
23.	Indian Streams Research Journal	Nat.	V.Suganthi, S.Mahalakshmi, Dr.S.Kalyani	Optimal Capacitor Placement and Sizing in Distribution Systems Using Power Loss Index	-	2013	1-10	-
24.	Indian Streams Research Journal	Nat.	J. Vinothini, K.Angel Kiruba Preethi, Dr.S.Kalyani	Design and Analysis of Fuzzy Controller for PV System Integration with Grid	-	2013	1-10	-
25.	International Journal of Engineering Research & Technology	Int.	P.M.DEVIE Dr.S.Kalyani	Transient Stability Prediction in Multi machine System using Data Mining Techniques.	2	2013	2748-2755	-
26.	Indian Streams Research Journal	Int.	Dr. S. Jeyadevi, M. Divya Vadhana, S. Maheswari, C. Santhi	Application of Particle Swarm Optimization Technique on Integrated Renewable Energy Sources in Smart Grids	2	2013	254-258	-
27.	International Journal of computer applications	Int.	M.Rajalakshmi Dr.S. Jeyadevi C.Karthick	Nonlinear Identification of Ph Process using Support Vector Machine	3	2013	-	0.1
28.	Indian Streams Research Journal	Nat.	Dr.S. Jeyadevi, S.Suganya, P.Jothipriya, M.Thivyaabharathi	Harmonic Mitigation Using Active Power Filter in Photovoltaic System'	2	2013	267-270	-
29.	International journal of ACEEE Advances in Engineering & Technology Series Journal	Int.	L.J.Ganesan D.Edison Selvaraj Dr.S. Jeyadevi	Analysis of Harmonics of Electromagnetic Interference in Single Phase Induction Motor by Coated with AL <sub>2</sub> O <sub>3</sub> Nano Filler Mixed Enamel	3	2013	6-10	-

30.	International journal of Advanced Research in Electrical & Electronic Instrumentation Engineering	Int.	L.J.Ganesan D.Edison Selvaraj Dr.S. Jeyadevi	Reduction of Electro Magnetic Interference in Single Phase Induction Motor by Coating the Winding with AL <sub>2</sub> O <sub>3</sub> Nano Filler Mixed Enamel	2	2013	2913-2916	0.1
31.	Int.I journal of Advanced Material Research	Int.	S.M.Alamelu, S.Baskar, C.K.Babulal. Dr.S.Jeyadevi	Static Loadability Assessment using Adapted Evolution Strategy	651	2013	864-869	0.03
32.	International journal of scientific & Engineering Research	Int.	A.Mahendran R.Nagarajan K.Muthulakshmi	Triangular Multicarrier SPWM Technique for Nine Level Cascaded Inverter	4	2013	-	
33.	International journal of research in computer applications and robotics	Int.	L.J.Ganesan D.Edison Selvaraj A.Mahendran K.Muthulakshmi	Design and implementation of fuzzy logic controller for multi level inverter topology	1	2013	-	-
34.	Int.I Journal of Electrical Power and Energy Systems	Int.	S. Nagalakshmi N.Kamaraj	On-line evaluation of Loadability Limit for Pool Model with TCSC using BPNN	47	2013	52 – 60	-
35.	International Journal of Research in Computer Applications and Robotics	Int.	D.PRINCE WINSTON Mr.GURUMOOTH I	Analysis of Harmonic Distortion by applying various PWM Techniques in Grid connected PV Systems.	1	November 2013	-	-
36.	International Journal of Advanced Research in Electrical, Electronics & Instrumentation Engg.	Int.	D.PRINCE WINSTON Mr. GURUMOOTH I	Reduction of Harmonic Distortion by applying various PWM and Neural Network Techniques in Grid connected PV Systems.	2	December 2013	-	-
37.	Int. journals of research in computer application & Robotics	International	P.Jenolin Nithya & R.Shanthi	Implementation of Bridgeless buck Rectifier for TFC application	1	2013	51-61	-

38.	PRZEGLAD ELEKTRO-TECHNICZNY,	Int.	Ms.M.Eswari C.Senthil Kumar N.Senthil Kumar	Comparative study of conventional and matrix converter fed brushless dc motor drive	-	2013	35-40	-
39.	Tenth IFAC International symposium on Dynamics & Control of Process Systems.	Int.	Aswini Suganya.J, C.Shanthi, N.Pappa.	Digital Image Processing Based Flow Regime Identification of Gas/Liquid Two – Phase Flow	-	2013	-	-
40.	Swarm and Evolutionary Computation,	Int.	R. Mallipeddi, S. Jeyadevi, P.N. Suganthan, S. Baskar	Efficient Constraint Handling for Optimal Reactive Power Dispatch Problems	5	2012	28-36	-
41.	Swarm and Evolutionary Computation	Int.	S. Nagalakshmi and N.Kamaraj	Comparison of Computational Intelligence algorithms Loadability Enhancement of Restructured Power Systems with FACTS devices	5	2012	17-27	-
42.	Applied Soft Computing	Int.	S. Nagalakshmi and N.Kamaraj	Secured Loadability Enhancement with TCSC in Transmission System using Computational Intelligence Techniques for Pool and Hybrid Model	11	2011	4748-4756	-
43.	CiiT Int. Journal of Artificial Intelligent Systems and Machine learning	Int.	S.Nagalakshmi and Z.Halith Ahamed	Online Assessment of Power System Static Security Using artificial Neural Network	13	2011	780-786	-

**National/ International Conference**

<b>S. NO.</b>	<b>Conference Name</b>	<b>Nat./ Int.</b>	<b>Authors</b>	<b>Title of the paper</b>	<b>Vol. No.</b>	<b>Year</b>	<b>Page No.</b>
1.	International Conference on Emerging Trends in Engineering & Technology	Int.	Dr.S.Kalyani	Hybrid renewable Energy Gene. for static Load Conditions using H – bridge inverter	-	2014	-
2.	International Conference on Trends in technology for convergence TITCON -2014	Int.	Dr.S.Kalyani	An Optimization Framework for Cloud-Based Data Management Model in Smart Grid	-	2014	-
3.	Int. Conf. on Power, Control and Embedded Systems	Int.	Dr.S.Kalyani	Transmission Pricing in Deregulated Power Market	-	2014	-
4.	Nat. Conf. on social transformation through research advancements in Electrical Engineering (SIT)	Nat.	Dr.S.Jeyadevi, I.Aarthy, S.Lakshmi Priya, C.Preethi, H.Savita	Fuzzy Logic based Power Point Tracking for Solar Photovoltaic System	-	2014	106-110
5.	Int. conf. on ETETs at Travancore Engineering College, Kollam, Kerala	Int.	A.Karuppasamy Dr.S.Jeyadevi	Fuzzy logic based Battery Power Management for PV and Wind Hybrid Power System	-	2014	-
6.	National Conference on Advanced Technologies in Electrical Engineering ATEE 14	Nat.	Dr.S.Nagalakshmi I.Catherine Divya K.SivaSankari M.Suganya	Computational intelligence technique for optimal location of SVC and TCSC for pool model of deregulated power system	-	2014	-

7.	National Conference on Advanced Technologies in Electrical Engineering ATEE 14	Nat.	Dr.S.Nagalakshmi G. Chandra Prabha V.Renu R.Sangeetha	Application of differential evaluation algorithm for optimal sizing and location of distributed generation	-	2014	-
8.	National Conference on Recent Trends and Advances in Information Technology NCIT2014	Nat.	Dr.S.Nagalakshmi I.Catherine Divya M.Suganya	Flower Pollination Algorithm for Optimal Location & Setting of TCSC in deregulated Power Systems	-	2014	-
9.	National Conference on Recent Trends and Advances in Information Technology NCIT2014	Nat.	Dr.S.Nagalakshmi I.Catherine Divya K.SivaSankari	Comparison of Computational Intelligent techniques for SWPF with FACTS devices	-	2014	-
10.	International Conference on Renewable Energy Utilization 2014.	Int.	Dr.S.Nagalakshmi I. Catherine Divya	Effect of Optimally Located FACTS Devices on Security Constrained Optimal Power Flow in Deregulated Power Systems.	-	2014	-

11.	International Conference on Renewable Energy Utilization 2014.	Int.	Dr.S.Nagalakshmi G. Chandra Prabha	Investigation of Optimal Location of DG as Independent Sector Under Hybrid Electricity Market.	-	2014	-
12.	National Conference on Recent Trends and Advances in Information Technology NCIT2014	Nat.	Dr.S.Nagalakshmi I.Catherine Divya K.SivaSankari	Comparison of Computational Intelligent techniques for SWPF with FACTS devices	-	2014	-
13.	International Conference on Power, Control and Embedded Systems	Int.	D.PRINCE WINSTON Mr. SAKTHIVEL	Application of Optimization Techniques in Smart Grids	-	2014	
14.	POWER, CONTROL AND INSTRUMENTATION	Nat.	D.PRINCE WINSTON & Mr. GANESH RAJA	Design And Simulation Of Dc-Dc Converter For Fuel-Cell Based Hybrid System	-	2014	-
15.	POWER, CONTROL AND INSTRUMENTATION	Nat.	D.PRINCE WINSTON & Mr. PRAVEEN	Design of a qzsi based dc to dc converter for renewable energy applications using new shoot through control methods	-	2014	-
16.	NCEEE'14	Nat.	D.PRINCE WINSTON & Mr. SAKTHIVEL	Classification Of Power Quality Disturbances Using Wavelet And Support Vector Machine	-	2014	-

17.	International conference on Renewable energy utilization (ICREU-2014)	Int.	S.Rajeshbabu, B.V.Manikandan	Assessment of power quality issues for a grid connected renewable energy systems	-	2014	-
18.	National Conference-STRAEE'14 at SIT, Kariapatti	Nat.	R.Shanthi N.Anantha Padmanabhan R.Vivek	Hybrid Power Quality Compensator In Traction System	-	2014	-
19.	IEEE Sponsored 2 <sup>nd</sup> International Conference on Power, Control and Embedded Systems	Inter national	Ms.L.Jenifer Sindhujah , Ms.R.Abirami S.Parthasarathy.	Improvement of the Electrical Power Quality Using Hybrid Power Filter Based on d-q theory	-	2014	-
20.	International Conference on Advanced Computing	Int.	R.Malarvizhi, S.Kalyani	SOA Based Open Data Model for Information Integration in Smart Grid	-	2013	-
21.	International Conference on Power & Energy Systems	Int.	P.M.Devie, S.Kalyani	Online Transient Stability Prediction in SMIB System using Decision Tree	-	2013	-
22.	International Conference on Power & Energy Systems	Int.	S.Jegan, S.Kalyani	Demand Side Management with Hybrid Energy Using Artificial Neural Networks	-	2013	-
23.	International Conference on Human Computer Interactions	Int.	D.Mariappan, Dr.S.Kalyani	Analysis and Implementation of Boost Buck based High Efficiency Inverter	-	2013	-

24.	National Conference on Methods Enriching Power and Energy Developments	Nat.	V.Suganthi, S.Mahalakshmi, S.Kalyani	Optimal Capacitor Placement and Sizing in Distribution Systems Using Power Loss Index	-	2013	-
25.	National Conference on Methods Enriching Power and Energy Develop.	Nat.	J. Vinothini, K.Angel Kiruba Preethi, S.Kalyani	Design and Analysis of Fuzzy Controller for PV System Integration with Grid	-	2013	-
26.	International Conference on Power and Energy Systems – ICPEs'13	Int.	Dr.S.Kalyani Dr.S.Jeyadevi L.Jenifer	Real Power loss Minimization in Distribution Networks by Optimal Placement and Sizing of DG units	-	2013	-
27.	International Conference on Power & Energy Systems	Int.	J.Eswari, Dr.S.Jeyadevi	Improvement Of Power Quality in Autonomous Micro-Grid Using Swarm Intelligence Technique	-	2013	-
28.	International Conference on Power & Energy Systems	Int.	A.KaruppasamyDr .S.Jeyadevi	Online based Voltage Stability Enhancement Using ANN	-	2013	-
29.	International Conference on Power & Energy Systems	Int.	G.P.Amisha Vishnu Priya, L.Jenifer Sindhuja, Dr.S.Jeyadevi	Real Power Loss Mini. in Distribution Networks by Optimal Placement and Sizing of DG	-	2013	-
30.	Fourth Int. Conf. on emerging trends in engineering & Technology	Int.	J.Ganesan, Dr.S.Jeyadevi, D.Edison selvaraj	Analysis of Harmonics and Electromagnetic Interference in Single Phase IM by Coating the Winding with	-	2013	-

				AL <sub>2</sub> O <sub>3</sub> Nano Filler Mixed E enamel			
31.	Int. Conf. on Nano Technology	Int.	J.Ganesan, Dr.S.Jeyadevi, D.Edison selvaraj	High efficiency Squirrel Cage Induction Motor', Int. Conf. on Nano Technology	-	2013	-
32.	Fourth Int. conf. on advances in Power Electronics & Instrumentation Engg.	Int.	J.Ganesan, Dr.S.Jeyadevi, D.Edison selvaraj	Energy Efficient Single phase Induction motor	-	2013	-
33.	National Conference on Methods Enriching Power and Energy Developments	Nat.	Dr. S. Jeyadevi, M. Divya Vadhana, S. Maheswari, C. Santhi	Application of Particle Swarm Optimization Technique on Integrated Renewable Energy Sources in Smart Grids	-	2013	559-564
34.	National Conference on Methods Enriching Power and Energy Develop.	Nat.	Dr.S. Jeyadevi, S.Suganya, P.Jothipriya, M.Thivyabharathi	Harmonic Mitigation Using Active Power Filter in Photovoltaic System	-	2013	559-564
35.	International conference on power and energy systems ICPES/	International	S.Rajeshbabu, S.Merlinjoys Mary	Cost optimisation of grid connected renewable energy systems: A comparative approach	-	2013	-
36.	Design and application of structure drive comm. & computing systems	International	P.Jenolin Nithya R.Shanthi	Implementation of Bridgeless Cuck Rectifier for TFC application	-	2013	834-840
37.	International Conference on	Int.	S. Kalyani, S. Nagalakshmi, R.	Load Frequency Control using	-	2012	-

	Computing, Communication and Networking Technology		Marisha	Battery Energy Storage System in Interconnected Power Systems			
38.	International Conference on Intelligent Information Systems and Management	Int.	K.S. Khan Mohamed, C. Arun, J. Logeshwaran, S. Jeyadevi, S. Kalyani	Application of ANN on Reactive Power Dispatch	-	2012	-
39.	International Conference on Advances in Engineering, Science and Management	Int.	S. Kalyani, V. Alamelu Shobana, R. Naga Ranjeni, P. Deepamangai	Estimation of ATC under Normal and Contingency Conditions in Deregulated Electricity Market	-	2012	-
40.	National Conference on Tech.II Advancements in Power Systems and Power Electronics Engineering	Nat.	R. Sathish Kumar, B. Manoj, R. Raja, S. Kalyani	MATLAB/Simulink Environment for Transient Stability in SM Infinite Bus and Multi-Machine System'	-	2012	-
41.	National Conference on Techn.II Advancements in Power Systems and Power Electronics Engineering	Nat.	K.S. Khan Mohamed, C. Arun, J. Logeshwaran, S. Jeyadevi, S. Kalyani	Solving Reactive power Problem using ANN'	-	2012	-
42.	Proc. Of National Conference on INPEC'12	Nat.	Marisha R., Surya S.R., S. Kalyani, S. Nagalakshmi	Performance Analysis of Conventional and ANN Controllers in Load Frequency Control of Interconnected Power System	-	2012	-
43.	International Conference on Computing,	Int.	S. Jeyadevi, M. Manikumar, P. Gayathri,	Optimizing Solar Air Heater using DE	-	2012	-

	Comm. and Networking Technology		M.Seethalakshmi, B.Mahalakshmi				
44.	Third International Conference on Intelligent Information Systems and Management	Int.	K.S. Khan Mohamed, C.Arun, J. Logeshwaran, S. Jeyadevi, S. Kalyani	Application of ANN on Reactive Power Dispatch'	-	2012	-
45.	Third Int. Conference on Intelligent Information Systems and Management	Int.	Dr.S. Jeyadevi	Solving RPD problem with FACTS devices using CMAES	-	2012.	-
46.	Second National Conf. on Tech. Advancements in Power systems and Power Electronics Engineering	Nat.	K.S. Khan Mohamed, C.Arun, J. Logeshwaran, Dr.S. Jeyadevi, Dr.S.Kalyani	Solving Reactive Power Problem using ANN	-	2012	-
47.	Fourth National Conference on Advanced Technologies in Electrical Engineering	Nat.	Dr. S. Jeyadevi, P. Gayathri, M.Seethalakshmi, B.Mahalakshmi	Optimizing Solar Air Heater using PSO	-	2012	-
48.	International Conference on Computing, Communication and Networking Technology	Int.	S.Kalyani, S.Nagalakshmi and R.Marisha	Load Frequency Control using Battery Energy Storage System in interconnected Power Systems	-	2012	-
49.	IEEE International Conference on Advances in Engineering	Int.	S.Nagalakshmi, S.Kalyani, V.Alamelu Shobana, R.Naga Ranjeni and P.Deepamangai	Estimation of ATC under normal & contingency conditions in Dereg. E.Market	-	2012	453-458
50.	Second National Conference on Tech.	Nat.	S.Nagalakshmi	Modelling And Simulation of Test System using Flexible	-	2012	393-397

	Advancements in Power Systems and Power Electronics Engineering			D-STATCOM for Power Quality Improvement			
51.	Instrumentation and Process Control	Nat.	S.Nagalakshmi	Performance Analysis of Conventional and ANN controllers in Load Frequency Control of interconnected power system	-	2012	84-89
52.	FACT12	Nat.	P.Venkata Krishnan, S.Sangeetha A.Saranya Devi	Traffic data analysis using wavelet Transform	-	2012	86-92
53.	ACMFMS12	International	P.Venkata Krishnan, S.Sangeetha M.Sundar	Analysis of life time efficiency of machines using wavelet Transform	-	2012	291-294
54.	KCET	Nat.	B.Kaviraj M.Saktheeswaran S.S.Arun R.Shanthi	Modelling of switched reluctance motor using MATLAB/Simu.	-	2012	-
55.	KCET	Nat.	G.Selvalakshmi M.Nagajothi P.Amutha R.Shanthi	Design of cascade controller for boost converter	-	2012	-
56.	Advanced Technologies in Electrical Engineering	Nat.	K.Muthulakshmi	Application of differential evolution to combined economic and emission dispatch problem	-	2011	-
57.	Advanced Technologies in Electrical Engineering	Nat.	K.Muthulakshmi	Combined Economic and Emission Dispatch using particle Swarm Optimization	-	2011	-

58.	International Conference on Recent Advancements in Electrical & Computer Engineering	Int.	S. Nagalakshmi and N.Kamaraj	Evaluation of Loadability limit of Pool model with TCSC using Optimal Featured BPNN	-	2011	454-458
59.	International Conference on Advances in Engineering and Technology	Int.	S.Nagalakshmi, R.Sriram, Z.Halith Ahamed and Amalraj	Application of Artificial Neural Network for Static Security Assessment of a Power System	-	2011	1-6
60.	India International Conference on Power Electronics	Int.	S. Nagalakshmi and N.Kamaraj	Loadability Enhancement for Pool Model with FACTS devices in Transmission System using Differential Evolution and PSO	-	2011	1-8
61.	Emerging Trends in Engineering & Technology	Nat.	S. Nagalakshmi and N.Kamaraj	Evaluation of maximum loadability of pool model with FACTS devices using Neural Network	-	2011	37
62.	Advanced Technologies in Electrical Engineering	Nat.	S. Nagalakshmi	Application of Differential Evolution to Combined Economic and Emission Dispatch Problem	-	2011	-
63.	Advanced Technologies in Electrical Engineering	Nat.	S. Nagalakshmi	Application of Artificial Neural Network for Static Security Assessment of a Power System	-	2011	-

64.	National Conference on Advanced Technologies in Electrical Engineering	Nat.	M. Kandasamy, M. Ashwini, K. Saraswathy, K. Revathy	Optimizing the Performance of Three Phase Squirrel Cage Induction Motor by injecting rotary flux	-	2011	-
65.	National Conference on Advanced Technologies in Electrical Engineering	Nat.	M. Kandasamy, R. Maheswaran, K. Pradeep Kumar	Performance Evaluation of multi-biased Zero-impedance chopper	-	2011	-
66.	National Power Engineering Conference	Nat.	S. Nagalakshmi and N.Kamaraj	Loadability Enhancement with FACTS devices in Transmission system for Hybrid Model using Particle Swarm optimization and DE	-	2010	-
67.	Emerging Trends in Power Systems	Nat.	S. Nagalakshmi	Application of Particle Swarm Optimization for Combined Economic and Emission Dispatch Problem	-	2010	-
68.	Application of Emerging Technologies A dhiyamaan College of Engineering	Nat.	S. Nagalakshmi	A Genetic Algorithm based optimized control of voltage and reactive power	-	2009	-

**Department of Electronics and Instrumentation Engineering****Details of National/International Journal**

S. No.	Journal Name	Nat./ Int	Authors	Paper Title	Vol.	Year	Page No.	IF
1	CiiT International Journal of Artificial Intelligent systems and machine Learning	Int.	M.Raja lakshmi	Non linear Identification of pH process by using NNARX Model	3	2012	12	-

**Details of National/International Conferences**

S. No.	Journal Name	Nat./ Int	Authors	Paper Title	Vol.	Year	Page No.	IF
1	National Conference on Recent trends in Communication, Electronics and Instrumentation	Nat.	M.Raja lakshmi	Online process monitoring of pH process using LABVIEW	-	April 2013	-	-
2	International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing,	Int.	M.Raja gomathi	A study of EMG signals to identify the Myopathic Abnormalities using soft computing technique	-	Mar 2013	-	-
3	International conference on Innovations in Intelligent Instrumentation, Optimization & Signal Processing,	Int.	M.Raja lakshmi	Non linear Identification of pH process using Support Vector Machine.	-	Mar 2013	-	-

**Department of Electronics & Communication Engineering****Details of National/International Journal**

S. No.	Journal Name	Nat./ Int	Authors	Paper Title	Vol.	Year	Page No.	IF
1.	Engg. today	Int.	Mr.K.Kannan Mrs.S.Bharathi	Survey of Image Denoising Methods in Spatial domain	-	May 2009	25-31	-

2.	Intelligent Computing Models	Int.	Mr.K.Kannan, AP	Image Denoising using wavelet transform	-	2009	-	-
3.	Engg. Today	Int.	Mr.K.Kannan, AP Mrs.S.Bharathi, AP	Area level Fusion of Multi-focused Images using Double Density Discrete Wavelet Transform	X	Oct 2009	210-217	-
4.	Engg. Today	Int.	K.Kannan, AP S.Bharathi, AP	Performance comparison of various spatial filters in Image Denoising	XI	Aug 2009	1-6	-
5.	Engg. Today	Int.	K.Kannan, AP	A Competitive analysis of pixel level fusion of multifocused images using discrete & Stationary wavelet transform	-	2009	-	-
6.	CIIT International Journal of Digital Image Processing	Int.	Mr.K.Kannan, AP	Area level Fusion of Multi-focused Images using Dual tree complex wavelet packet transform	1	2009	-	.65 2
7.	CIIT International Journal of Digital Image Processing	Int.	Mr.K.Kannan, AP	Area level Fusion of Multi-focused Images using Double Density DWT & DTCWT	1	Sept 2009	231-242	.65 2
8.	International Journal of Electronics & Communication Engineering	Int.	Mr.K.Kannan, AP	Performance comparison of feature based fusion of multi focused image using discrete, Stationary and Dual tree complex wave transform	2	2009	109-120	
9.	International Journal of Electronics and Communication-Science direct	Int.	Dr.K.Ramasamy, AP	Optimal Power allocation for the proposed asymmetric turbo code for 3G systems	63	2009	551-561	-
10.	International Journal of computational intelligence	Int.	Ms.S.Bharathi	QRS complex reduction using optimal discrete Wavelet	8	June 2009	97-109	-

	and applications							
11.	International Journal of Futuristic Computer Applications	Int	Mr.K.Kannan, AP	A Roadmap for designing an automated visual inspection system	-	2009	-	-
12.	EURASIP Journal on Images Video Processing	Int.	Ms.S.Veera lakshmi, AP	RVM based Human action classification in crowd through projection & star skeletonization	2009	Aug 2009	1-12	.57
13.	International Journal of Futuristic Computer Applications	Int.	Ms.S.Veera lakshmi, AP	Relevance vector machine based gender classification using gait appearance features	-	Oct 2009	-	-
14.	The Technology World, Quaterly Journal	Int.	Mrs.S.Bharathi, AP Mr.K.Kannan, AP Mr.K.Arulmozhi, AP	PSNR and MAE comparison of Image Denoising methods using Spatial Domain Filters and combination of Spatial Domain Filters	5	Oct 2009	135-142	-
15.	International Journal of Computer Applications	Int.	Mr.K.Kannan, AP	Performance of comparison various levels of fusion of multi-focused images using wavelet transform	1	2010	71-78	.821
16.	IJCEIT	Int.	Mr.K.Kannan, AP	Area level fusion of multi-focused images by combining discrete and dual tree complex wavelet	2	May 2010	88-95	-
17.	International Journal of Computer Science and Network Security	Int.	Mr.K.Arulmozhi, AP Mr.K.Kannan, AP Mrs.S.Bharathi, AP	Contrast Improvement of Radiographic Images in Spatial Domain by Edge Preserving Filters	10	Feb 2010	233-240	-
18.	International journal ,ICTACT, Chennai Journal on Communication technologies	Int.	Mr.R.Suresh babu, AP	BER Performance Comparison Of Multiple Antenna Using Space Time Block Coded OFDM System In Multipath Fading Environment	2	March 2011	277-282	-

19.	International Journal of computer science and Information	Int.	Mrs.A.Geetha , AP Mrs.C.Nagavani, , AP Mrs.T.Pandiselvi, AP	Digital image watermarking algorithm based on Wavelet packets	8	Nov 2011	403-408	-
20.	I-Manager's Journal on Electrical Engg.	Int.	Mrs.V.Jeyalakshmi, AP	Effective Scheduling Algorithm for RTPS Service in WIMAX Networks	5	2011	41	-
21.	Global Trends in Information Systems and software Applications (Springer)	Int.	Mrs.S.Jeypriya, AP	Object Recognition with Wavelet Based Salient points	-	2012	532-541	-
22.	European Journal of Scientific Research	Int.	Mr.R.Suresh Babu, AP	Estimation of Transmission power, capacity and Channel Efficiency of Cognitive Mobile ADHOC Networks	78	June 2012	633-642	.74
23.	Journal of digital imaging- Springer	Int.	Ms.B.Vijayakumari	An effective dental shape extraction algorithm using contour information and matching by mahalanobis distance	26	June 2012	259-268	1.1
24.	International Journal of Computational Engineering Research	Int.	Mrs.M.Stella Mercy, AP	Performance analysis of Epileptic Seizure Detection using DWT & ICA with Neural Networks	2	Aug 2012	1109-1113	1.145
25.	International Journal of Computer Applications in Engineering Sciences	Int.	Mrs.T.Prathiba, Mrs.N.Mary Sindhuja, , AP Mrs.S.Nisharani, AP	Edge detection of synthetic image using GHM multiwavelet Transform	2	Dec 2012	399-403	.395
26.	International Journal of Engg. Research & Technology (IJERT)	Int.	Mrs.T.Prathiba, AP Mrs.N.Mary Sindhuja, , AP Mrs.S.Nisharani, AP	Content Based Image Retrieval Based on Spatial Constraints using Lab view	2	Jan 2013	1-6	1.76

27.	International Journal of Computer Science and Mobile Computing	Int.	Mrs.T.Prathiba AP Mr.G. Ravindran, AP	Integrated Feature Extraction for Image Retrieval	2	Feb 2013	28-35	1.0 148
28.	Radio Engineering	Int.	Ms.Karuppiah Annaram	Investigation of compact low pass filter with sharp cutoff using metamaterial	22	Sept 2013	729-733	.68 7
29.	International journal of advanced research in electrical, electronics and instrumentation engineering	Int.	Ms.N.M.Mary Sindhuja	SPIHT based compression of hyperspectral images	2	Oct 2013	4933-4938	1.6 86
30.	International journal of advanced research in electrical, electronics and instrumentation engg.	Int.	Ms.C.Nagavani, Ms.T.Prathiba	An integration of live wire, graph cut and oriented active appearance model for distinctive bio-organ segmentation	2	Oct 2013	4880-4886	1.6 86
31.	International journal of advanced research in electrical, electronics and instrumentation engg.	Int.	Ms.T.Prathiba	An efficient content based image retrieval using local tetra pattern	2	Oct 2013	5040-5046	1.6 86
32.	International Journal of computational engg. research	Int.	Mr.R.S.Venkatesan	A Novel fault recovery scheme for motion analysis testing applications	3	Oct 2013	11-19	-
33.	International Journal of research in informat. technology	Int.	Ms.T.Prathiba	NN based algorithm for detection of hidden weapons from THz image	1	Nov 2013	137-146	1.7 38

34.	International journal of biomedical engg. and technology	Int	Ms.B.Vijayakumari	Missing tooth identification and teeth numbering in dental X-ray and photographic imaging	13	2013	185-200	.02
35.	The institution of engg. and technology – biometrics	Int	Ms.B.Vijayakumari	Dental radiographs and photographs in forensic identification	2	April 2013	56-63	.019
36.	International journal of education and humanities	Int.	Ms.A.Geetha	Analysis of face recognition for different data bases	2	Dec 2013	122-127-	-
37.	Journal of Electronic imaging	Int.	Ms.B.Vijayakumari	Victim identification with dental images using texture and morphological operations	23	Jan 2014	p-013004	1.12
38.	Int. journal of biomedical engg. and technology	Int.	Ms.J.Gangadevi	Classification of cardiac arrhythmias based on morphological and rhythmic features	14	2014	192-208	-
39.	Int. journal of computer science and mobile computing	Int.	Mr.J.Prabin jose	Bundle protocol along with OLSR in MANET	3	Feb 2014	889-897	1.0148
40.	Optik – Int. Journal for Light and Electron Optics (Elsevier)	Int.	Mrs.R.Gowri Manohari,	Analysis and Compensation of Polarization Mode Dispersion in Single Channel, WDM and 32-channel DWDM Fiber Optic System	125	2014	18–24	.519
41.	Int. Journal of innovative research in science engg. and technology	Int.	Mr.M.Ramesh	Performance analysis and throughput maximization using flooding approach in wireless sensor networks	3	March 2014	-	-
42.	Int. journal of innovative research in science	Int.	Ms.A.Geetha	Face detection on real life images and video frames based on LDA	3	March 2014	-	-

	engg. and technology							
43.	Int. journal of computer science and mobile computing	Int.	Mr.P.Aravind	Enhanced privacy ID for remote authentication using direct anonymous attestation scheme	3	Feb 2014	-	-
44.	Int. journal of computer science and mobile computing	Int.	Ms.N.M.Mary Sindhuja	Performance analysis of image Fusion Algorithms using HAAR Wavelet	3	Jan 2014	487-494	1.686
45.	Int. journal of engineering research and technology	Int.	Ms.C.Nagavani	Implementattion contrast image enhancement using DWT in BF532 processor	3	March 2014	708-710	1.76
46.	Int. journal of research in engineering and technology	Int.	Ms.V.Jeyalakshmi	Improving energy efficiency in wireless sensor networks using ANTNET algorithm	-	April 2014	-	0.2130
47.	Int. journal of innovative research in science engg. and technology	Int.	Ms.B.Vijayakumari	Automatic segmentation of pulmonary Lobe using Markov based Watershed algorithm	3	March 2014	1182-1187	-
48.	Int. Journal Innovative research in Science, Engg. & Tech.	Int.	Mr.K.Jeya kumar	Diversified Intrusion Detection with various detection methodologies using sensor fusion	3	March,2014	701-707	1.682
49.	Biomedical Engg. applicationb asis and communications	Int	Dr.M.Sundaram	Efficient edge emphasized mammogram image enhancement for detection of microcalcification	26	2014	-	0.23

### Details of National/International Conferences

S.No	Conf. Name	Nat./Int	Authors	Paper Title	Year	Page No.
1	International Conference on “Control, Automation, Communication and Energy Conservation”	Int.	N.M.Mary Sindhuja	Spot Edge Detection in Microarray Images using Balanced GHM Multiwavelet	2009	-
2	International Conference on Futuristic Computer Applications	Int.	K.Ramasamy	A Sierpinski fractal based microstrip patch antenna for wireless power transmission system	2010	-
3	International Conference on Computing, communication and Information technology	Int.	R.Suresh Babu	BER Performance comparison of Multiple Antenna using Space time block codes & multipath fading environment	2010	-
4	National conference on Signal processing and communication technologies	Nat.	A.Geetha	Digital Image watermarking Algorithm based on wavelet packet	2010	-
5	National Conference on CCTV’11, K.L.N College of Information Technology	Nat.	V.Jeyalakshmi	Gross Layer Design for QOS Support in WIMAX Networks	2011	-
6	International Conference on Global Trends in Information Systems and Software Applications	Int.	S.Jeypriya	Object Recognition with Wavelet Based Salient Points	2011	533-541
7	National Conference on Signal Processing and Communication Technologies at KCET	Nat.	C.Nagavani	Design and simulation of JPEG 2000 encoder using VHDL	2011	-
8	National Conference at Tamilnadu College of Engineering, Coimbatore	Nat.	Mr.R.Suresh Babu	Design and Implementation of AES Algorithm for Image Encryption and Decryption using VLSI	2011	-
9	National Conference at Tamilnadu College of Engineering, Coimbatore	Nat.	Mrs.J.Ganga Devi	RF ID based Library Management Automation	2011	-
10	National Conference at Tamilnadu College of Engineering,	Nat.	Ms.G.Premapriya	ECE VLSI Based Biotelemetry	2011	-

	Coimbatore					
11	National Conference at Mepco Schlenk Engineering College	Nat.	Mr.R.Suresh Babu	Simulation for energy efficient routing in wireless adhoc networks to control the power	2012	-
12	International Conference on Engineering & Technology (ICET 2K12)	Int.	T.Prathiba N.M.Mary Sindhuj S.Jeypriya	An Implementation of Scale Invariant Feature Transform (SIFT) Algorithm using CBIR	2012	750-755
13	National Conference at K.L.N College of Engineering	Nat.	Dr. K.Annaram	Miniaturized power dividers for wireless Applications	2012	-
14	National Conference at Sethu Institute of Technology	Nat.	Dr. K.Annaram	Miniaturized Fractal antennas for wireless Applications	2012	-
15	National Conference at K.L.N College of Engineering	Nat.	Mrs.A.Geetha	Efficient Medical Image compression using Block pixel sort algorithm	2012	-
16	National Conference at Sethu Institute of Technology	Nat.	N.M.Mary Sindhuj	Robotic Arm control using flex sensor	2012	-
17	National conference on "Computer science and informatics"	Nat.	K.Jeya kumar	Intrusion detection using ANN with best set of features	2012	-
18	National Conference at P.S.R.Rengasamy College of Engineering	Nat.	T.Prathiba	Low quality finger print image enhancement using a fast Gabor filter	2012	-
19	National Conference at P.S.R.Rengasamy College of Engineering	Nat.	T.Prathiba	Content based image retrieval using spatial information	2012	-
20	National Conference at Savitha University	Nat.	P.Subathra	Special purpose walking stick for visually challenged persons	2012	-
21	National Conference at Sethu Institute of Technology,	Nat.	T.Pandiselvi	Detection of MR images of brain tumors using neural fuzzy networks	2012	-
22	IEEE International Conference on Advanced Communication, Control and Computing Technologies	Int.	S.Vijay Prasath	Experimental Explorations on EOG Signal Processing for real time applications in LABVIEW	2012	-

23	IEEE International Conference on Advanced Communication, Control and Computing Technologies	Int.	S.Palanivel Rajan	Performance evaluation of Mobile phone radiation minimization through characteristic impedance measurement for healthcare applications.	2012	-
24	ICICIC, PSGTECH,Coimbatore	Int.	B.Vijayakumari	An Efficient and Simple Algorithm for dental Radiograph segmentation	2012	-
25	Annual IEEE India conference,INDICON'	Int.	B.Vijayakumari	Similarity and Distance metric Applied in Human Forensic Identification using Dental Radiographs	2012	-
26	MVIP'12, PSGTECH,Coimbatore	Int.	B.Vijayakumari	Dental Cysts analysis using Texture information	2012	-
27	ICGIP, ERC a co -located event, IIT, Mumbai	Int.	B.Vijayakumari	Human Forensic Identification using Dental Radiographs and Photographs	2012	-
28	ICCCNT, Vivekanandha College of Engg for Women, Namakkal	Int.	B.Vijayakumari	An Effective Numbering and Classification System for Dental Panoramic Radiographs	2013	-
29	International Conference on Innovations in intelligent Instrumentation,Optimization &Signal Processing, Karunya University	Int.	T.Prathiba G.Ravindran	Analysis of Low level Integrated Features and Individual Feature for Retrieval using CBIR	2013	1659-1662
30	National Conference on Recent advancements in Engineering and communications	Nat.	A.Geetha	Gender recognition of human based on gait in a controlled environment	2013	-
31	National Conference on Recent advancements in Engineering and communications	Nat.	A.Geetha	Gender classification through facial features extraction	2013	
32	International conference on	Int.	A.Geetha	A cognitive approach to face detection system	2013	2177-2183

	Innovations, Instrumentation, Optimization and Signal processing			for real life images		
33	National conference on “Advances in computing, Communications and Informatics”	Nat.	T.Prathiba	Advanced Local Tetra Pattern based Feature descriptor for CBIR	2013	104
34	National level conference on “ Recent trends in advanced computing and communication”	Nat.	R.Suresh babu	An efficient design of AES algorithm for IEEE802.15.4 wireless sensor networks	2013	-
35	International Conference on Electrical Engineering and Computer Science	Int.	R.S.Venkatesan	High Performance Self Test Module design of motion analysis in processing elements	2013	-
36	International Conference on Innovations in intelligent Instrumentation,Optimization &Signal Processing, Karunya University	Int.	G.Ravindran	Lossless Compression of Biomedical Images in Wavelet Domain using Hierarchial Prediction	2013	1646-1649
37	International Conference on Innovations in intelligent Instrumentation,Optimization &Signal Processing, Karunya University	Int.	K.Jeyakumar	Feature Assortment for intrusion Revealing system Based on Modified Mutual Information	2013	1616-1619
38	International Conference in Advanced Manufacturing and Automation	Int.	J.Prabin Jose	A novel method for obstacle detection and path planning for Mobile Robot	2013	-
39	NCVPRIPG, IIT, Jodhpur	Nat.	B.Vijayakumari	Person Identification	2014	-
40	International conference on Futuristic Trends in Electronics engineering	Int.	J.Prabin Jose	Bundle protocol along with OLSR in MANET	2014	167
41	International conference on Recent innovations in Science, Engineering and Technology	Int.	C.Nagavani	Location based acceleration control	2014	-
42	International	Int.	R.Ashok	Vertical handover in	2014	-

	conference on “Emerging marvels in Information and Computer science engineering”			heterogeneous wireless networks		
43	International conference on “recent trends in Computer science and Engineering”	Int.	N.M.Mary Sindhuja	Performance Evaluation of Brain Tumor detection using Wavelet and GHM Multi wavelet Transform	2014	-
44	International Conference on “Innovation in Engineering and Technology”	Int.	B.Vijaya Kumari	Automatic segmentation in Pulmonary lobe using Marker based Watershed Algorithm	2014	2319 - 8753
45	IEEE International Conference on Innovations in Engineering and Technology	Int.	K.Jeyakumar	Diversified Intrusion Detection with various detection methodologies using Sensor Fusion.	2014	
46	International Conference on emerging trends in Engineering and Technology	Int.	K.Jeyakumar	Network Traffic Classification using Hierarchial Clustering and payload based aggregation	2014	
47	IEEE International conference on Innovations in Engineering and technology	Int.	A.Geetha	Face detection on real life images and video frames based on LDA	2014	
48	International Conference on Innovations in Electronics Communications and Computing	Int.	M.Ramesh	Survey paper on Energy optimization techniques in memory with dynamic voltage scaling in VLSI	2014	291-296
49	National Conference on Advances in Computing Analysis and Applications	Nat.	M.Ramesh	Power Optimization technique for wireless networks	2014	20
50	International Conference cum Preconvention workshop on sustainable practices in Engineering Management Information Technology and Sciences	Int.	M.Ramesh	Survey on Power reduction in VLSI	2014	-

**Department of Information Technology**  
**Details of National/International Journal**

S. NO	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	IF
1	International Journal of Innovative Research in Science , Engineering and Technology	Int.	R.Alages waran	Performance Analysis and Throughput Maximization using Flooding approach in Wireless Sensor Networks	-	2014	-
2	International Journal of Engineering and Innovative Technology	Int.	N.Senthil Madasamy	Survey – Analyzing performance of File Distribution and search in Unstructured P2P Networks	2. 9	2013	-
3	International Journal of Advanced Research in Computer and Communi. Engineering	Int.	D.Kayathri Devi	Secure Cloud Storage using Decentralized Access Control with Anonymous Authentication	2.11	2013	-
4	International Journal of Computer Science and Mobile Computing	Int.	S. Radhakrishnan	Multiple Description Coding based on Hadamard Transform	2.11	2013	-
5	International Journal of Computer Science and Mobile Computing	Int.	G. Jameena	Multiple Description Coding based on Hadamard Transform	2.11	2013	-
6	International Journal of Advanced Research in Computer and Communi. Engineering	Int.	N. Senthil Madasamy	Secured Multi Message authentication Protocol for Vehicular Communication Technique	2.12	2013	-
7	International Journal of Applied Engineering Research	Int.	R.Alages waran	Comparative study of QoS and Non –QoS MAC protocols of Wireless Sensor Networks	8.20	2013	-
8	International Journal of Engineering and Innovative Technology	Int.	Mr.S.Radhakrishnan	A combined method for CFA Image compression with Haar wavelet and GPPM tree	1.3	2012	-
9	International Journal of Engineering and Innovative Technology (IJEIT)	Int.	Mr.S.Radhakrishnan	GPPM Tree in CFA image Compression	2.3	2011	-
10	International Journal of Engineering and Technology	Int.	P.Vijayalakshmi	Global Intelligent Sensor Networking System	2.1	2009	-
11	Georgian Electronic	Int.	P.Vijayala	Automatic and Robust	-	2009	-

	Scientific Journal : Computer Science and telecommunications		kshmi	object recognition in video minimizing the gradient energy function			
12	International Journal of computer science and Engineering Systems	Int.	P.Vijayala kshmi	Automatic Detection of colour objects using spatially weighted GVF	4.1	2009	-

#### Details of National/International Conferences

S. No	Conf. Name	Nat. /Int.	Authors	Paper Title	Year	Page No
1.	International conference on Innovations in Engineering and Technology – ICIET'14	Int.	R.Alageswaran	Performance Analysis and Throughput Maximization using Flooding approach in Wireless Sensor Networks	2014	-
2.	First International conference on VLSI Computation , networking , drives and system Design	Int.	Mrs. P.Antony Seba	Extirnsic Plagiarism detection using lexical analysis and longest common subsequence	2014	-
3.	Fourth National conference on Recent Trends in Computing ,Communication and Technology	Int.	Mrs. P.Antony Seba	Graphical password in virtual Operating system by cloud computing	2014	-
4.	National Conference on Emerging Trends in Information & Computer Technology	Nat.	Mr.S.Radhakrishnan	A Hybrid Method for multiple Description image Coding	2013	-
5.	International Conference on IT and Intelligent Systems(ICITIS'2013), Penang (Malaysia)	Int.	N.Senthil Madasamy	Optimization of cloud resource service adaptability using genetic algorithms	2013	-
6.	TEQIP II Sponsored National Conference on Information Technology(NCIT 2013)	Nat.	G.Ramkumar	Local Transitional Pattern on Gabor Filtered for Face Expression	2013	-
7.	International Conference on Computational Intelligence 2013	Int.	T.Akilandeswari	Candidate Tree in Bud pattern selection & Classification using Ball Scale Encoding Algorithm	2013	-
8.	AICTE Sponsored National Conference on “HI-TECH trends in emerging computational Technologies, SIT	Nat.	Ms. D.Kayathri Devi	A proposal for secured online Electronic voting system with blind signature using Dual RSA	2012	-

9.	International Conference ICETMCA'2010 Mepco Schlenk Engineering College, Sivakasi	Int.	Mr.S.Radhakrishnan	GPPM Tree in CFA image Compression	2010	-
10.	ICCCI	Int.	Mrs. P.Vijayalakshmi	Localized CBIR for Indexing Image Database	2010	-
11.	ICBIRD 2010 IMT ,Ghaziabad	Int.	Mrs. P.Antony Seba	Dynamic multimedia web services orchestration	2010	-
12.	NACIPAN'10, Department of CSE, National Engg College ,Kovipatti	Nat.	Ms. S.Arumuga Devi	A study of Color Image segmentation Algorithms using soft computing techniques	2010	-
13.	National Conference on "Image Processing" , ANJAC, Sivakasi	Nat.	Mrs. M.Chengathir Selvi	Fingerprint Recognition Algorithm Using Gabor Wavelet Multi Resolution Transform	2009	-
14.	ICOREM	Int.	Mrs. P.Vijayalakshmi	Intelligent Approach for Intruder Detection in a Video for Real Time Security Application	2009	-
15.	INCAMA	Int.	Mrs. P.Vijayalakshmi	GVF Based color objects Detection	2009	-
16.	Vision'09, A National Conference on Computing Technologies, Government College of Engineering, Tirunelveli.	Nat.	Ms. D.Kayathri Devi	Dual RSA and its Security Analysis	2009	-

**Department of Mechanical Engineering**  
**Details of National/International Journal**

S. No	Jour. Name	Nat. /Int.	Authors	Paper Title	Vol.	Year	Page No	IF
1	Journal of Scientific and Industrial research	Nat.	Dr.A.Asha and Mr.K.R.Thangadurai	Synthesis and Cold upsetting behaviour of stir casted AA6061-B <sub>4</sub> C <sub>p</sub> composites	73	2014	394-399	-
2	Applied Mechanics and Materials	Int.	Dr.A.Asha and Mr.K.R.Thangadurai	Parametric Optimization of EDM process of aluminium boron carbide composite	-	2014	684-688	-

				using desirability function approach and genetic algorithm				
3	Applied Mechanics and Materials	Int.	Dr.A.Asha and Mr.K.R.Thangadurai	Densification behaviour in forming of stir casted aluminium boron carbide composite performance during cold upsetting	-	2014	117-121	-
4	International Journal of Soft Computing	Int.	Dr.A.Asha and Mrs.A.Umarani	Removal of artefacts and measurement of stenosis for Coronary Angiographic Images	19	2014	58-66	1.77
5	Advanced Materials Research	Int.	Dr.A.Asha, Dr.Anant Achary, et al	Preparation Characterisation and engine performance characteristics of used cooking sunflower oil based bio fuels for diesel engine	-	2014	913-923	-
6	International Journal of Engineering and Advanced Technology		Dr.A.Asha and Mrs.A.Umarani	Denoising of Medical Images Using Virtual Instrumentation	2	2013	2249 – 8958	-
7	Ictact Journal On Soft Computing	Nat.	Dr. P. Manimaran and Dr. V. Selladurai	Cat Swarm Optimization For Single Stage Supply Chain Distribution System With Fixed Charges	4	2014	687-691	-
8	Expert Systems with Applications	Int.	Mr S. Senthil	A robust hybrid multi-criteria decision making methodology for contractor evaluation and selection in third party reverse logistics	141	2014	51-55	2.254
9	International Journal of Applied Engineering Research	Int.	Mr S. Senthil	Design and Fabrication of Hydrogen powered IC engine	4	2014	423-426	-
10	International Journal of Mechanical	Int.	Mr S. Senthil	A framework for evaluation of	3	2013	523-528	-

	Engineering Research			material handling equipment				
11	International Journal of Technology and Management	Int.	Mr S. Senthil	Rapid Prototyping process evaluation using inner product of vectors	6	2013	501-504	-
12	International Journal of Engineering Research and Technology	Int.	Mr S. Senthil	A comprehensive study of effect of increasing the wire rope diameter in crawler crane	6	2013	495-498	-
13	International Review of Applied Engineering Research	Int.	Mr S. Senthil	Design and Fabrication of Hydrogen Powered IC Engine	4	2014	423-426	-
14	Applied Soft Computing	Int.	Mr M.K.Marichelvam	Improved cuckoo search algorithm for hybrid flow shop scheduling problems to minimize makespan	-	2014 accepted	-	-
15	International Journal of Innovative Research in Science, Engineering and Technology		Mr.S. Thanga Kasi Rajan, et al	Effect of Sliding Distance On 10% Tungsten Reinforced Copper Composite Material	3	2014	1431-1435	-
16	International Journal of Mechanical Engineering and Research	Int.	Mr S. Senthil	A Framework for Evaluation of Material Handling Equipment	3	2013	523-528	-
17	International Journal of Engineering Research and Technology	Int.	Mr S. Senthil	A Comprehensive Study of Effect on Increasing the Wire Rope Diameter in Crawler Crane	6	2013	495-498	-
18	Journal of Renewable and Sustainable Energy	Int.	R.Mani kumar	CFD analysis of a trapezoidal cavity absorber used for the linear Fresnel reflector solar concentrator system	-	2010	-	1.23
19	Int. Jr. of Green Energy	Int.	R.Mani kumar	Numerical simulation of a trapezoidal cavity absorber in the linear Fresnel reflector solar concentrator system	-	2012	-	1.18

20	Int. J. of Logistics Systems and Management	Int.	Dr.P.Mani maran	Particle Swarm Optimisation for fixed charge transportation problem in Multi stage Supply Chain Network	9	2011	328 – 350	-
21	International Journal of Mechanical and Materials Engineering	Int.	Dr.A.Asha	Mathematical modelling of surface roughness on machining of AA6061- Boroncarbide composite in EDM through RSM	-	2012	-	0.825
22	European Journal of Scientific Research	Int.	Dr.A.Asha	Mathematical modeling of electric discharge machining process of AA 6061 – 10% B4Cp MMC through response surface methodology	-	2012	-	0.493
23	European Journal of Scientific Research	Int.	Dr.A.Asha	A novel approach to automatic digitization and subtraction of X ray image for percutaneous coronary artery using VI	-	2012	-	0.493
24	Procedia Engineering	Int.	Dr.A.Asha	Bio image processing for cardiac image using virtual instrumentation	-	2012	-	0.235
25	Procedia Engineering,	Int.	S.Senthil	A decision making methodology for the selection of reverse logistics operating channels	38	2012	418-428	-
26	IEEE Transactions on Evolutionary Computation TEVC – 00124-2012	Int.	M.K.Marichelva m	A discrete firefly algorithm for the multi-objective hybrid flowshop scheduling problems	-	2013	-	4.6
27	International Journal of Bio-inspired	Int.	M.K.Marichelva m	An improved hybrid cuckoo search	-	2012	-	-

	Computation			metaheuristics algorithm for permutation flow shop scheduling problems				
28	International journal of Information Technology and Computer Sciences Perspectives	Int.	R.Sakthivel Murugan	Automatic braking system assisted by image and video processing for pedestrian and vehicle detection using MATLAB	-	2012	-	-
29	Characterization of a novel natural cellulosic fibre from prosopis juliflora bark	Int.	S.S.Saravana Kumar	Carbohydrates Polymers	-	2012	-	3.9

**Department of Polymer Technology**  
**Details of National/International Journal**  
**Dr. C. T. Vijayakumar (2013-2014)**

S.No	Journal Name	Nat./ Int.	Co-authors (If any)	Paper Title	Volume	Month/ Year	Page. no
1.	Science jet	Int.	Gnanasekar pitchaimari, Rajendran surrender, Thangamani Rajkumar, Shanmugam Vinayagamoorthi	Bisproparagyl ether and bismaleimide blended part-II :TG Studies and degradation kinetics	3	2014	-
2.	Thermochimica Acta	Int.	R.Surender A.Mahendran A.Thamaraichelvan S.Alam	Model free kinetics- Thermal degradation of bisphenol A based polybismaleimide-cloisite 15a nano composites	562	June 2013	11-21
3.	Polymer composites	Int.	R.Surender A.Mahendran S.Alam	Indane-Based Bismaleimide-cloisite 15a Nano clay Blends :Kinetics of thermal curing and degradation of particulate Nanocomposites	34	August 2013	1279-1297
4.	Designed monomers and	Int.	S.Shamim rishwan R.Surender	Structurally diverse benzoxazines: Synthesis	17	May 2013	47-57

	polymers		N.David Mathan S.Vinayagamoorthi S.Alam	,polymerization and thermal stability			
5.	Journal of thermal analysis and calorimetry	Int.	G.Pitchaimari	Functionalized Monomers based on N-(4-Hydroxy phenyl)maleimide: Thermal polymerization and degradation	131	FEB 2014	-
6.	Journal of thermal analysis and calorimetry	Int.	D.Rajamani R.Surender A.Mahendran S.Muthusubramanian	Bismaleimide/epoxy resin reinforced composites Synthesis and thermal degradation studies	114	NOV 2013	883-893
7.	High performance polymers	Int.	J.Dhanalakshmi S.Alam	High Temperature Matrix Resins Based on Bispropargyl Ethers- Part 1: Effect of Copper salts on the thermal polymerization of Bispropargyl ether of Bisphenol A and the thermal stability of these polymers	25	Dec 2012	416-426
8.	Science Direct	Int.	A.Mahendran G.Wuzella N.Aust U.Muller	Thermal decomposition kinetics of Natural fiber Reinforced Green Composites	2	Feb 2013	34
9.	Journal of Polymer Materials	Int.	A.Sundaresan M.Annarajan N.David mathan R.Surender	Studies on maleimide functionalized phenolic resin	30	August 2013	91-102
10.	Polymer and Plastic Technology	International	R.Chitra R.Surender G.Pitchaimari K.Rajakumar	Development of photodegradable Environment Friendly Polypropylene Films	2	March 2013	22-37
11.	Journal of Saudi Chemical Society	International	M.Karunakaran D.Muthamil Selvan C.Mahesh	o-cresol,Thiourea and Formaldehyde Terpolymer- A cation Exchange Resin	17	Feb 2013	1-8
12.	Science journal	International	R.Surender G.Pitchaimari S.Vinayagamoorthi	Bispropargyl Ether and Bismaleimide Blends:part I – Isothermal Curing Studies	39	2013	1-7

**Paper publication details: (Dr. C. T. Vijayakumar)(2009-2012)**

<b>S. no</b>	<b>Journal Name</b>	<b>National (Inter national)</b>	<b>Co-authors (If any)</b>	<b>Paper Title</b>	<b>Volume No.</b>	<b>Month /Year</b>	<b>Page No</b>
1.	Journal Applied polymer Science	Inter National	R. Surendar A. Mahendran A.Thamarai chelvan S. Alam	Curing studies of bisphenol A based bismaleimide and cloisite 15a nonoclay blends using DSC and model free kinetics	128	2013	712-724
2.	Sciencejet	Inter National	R. Surendar K. Thenmozhi P. Sivasamy S. Alam	Degradation kinetics of bismaleimide – natural clay composites	1	May 2012	1 – 17
3.	Sciencejet	Inter national	N. David Mathan P. Sivasamy D. Ponraj A Thamarai chelvan	Analytical Chemistry of intumescence – Focus on the bicyclic and spirocyclic phosphorus compounds	1	July 2012	1-28
4.	Journal of Material Science	Inter National	Dr. M. Sarojadevi, R. Baskaran	Unsaturated Polyester filled with nano alumina	4	July'11	4420-4427
5.	Journal of Polymer Materials	Inter National	Dr. M. Sarojadevi, R. Baskaran	Effect of Nano Zinc Oxide on Mechanical and Thermal properties of Unsaturated Polyester/ nano Zinc Oxide Composites	28	July'11	217-231
6.	Global Journal of environmental Science and Technology	Inter national	K. Rajakumar, V.Sarasvathy A. Thamarai Chelvan, R. Chitra	Natural weathering Studies of Polypropylene	1	2011	13
7.	Journal of Thermal Analysis and calorimetry	Inter national	R. Surendran, K. rajkumar, S. Alam	Synthesis and Thermal studies of bis- phenol A besed bismalimide: Effect of nano clays	103	2011	693-699
8.	Polymers advanced technologies	Inter national	T.Raj Kumar, P. Sivasamay, B. Sreedhar,	Chlorinated thermal stabilizer for optically clear PMMA	23	2011	829-834

9.	Global Journal of Analytical Chemistry	Inter national	N.David Mathan, V.Sarasvathy, T.Rajkumar, A. Thamarai chelvan and D. Ponraju	Pyrolysis gas chromatography – mass spectrometry studies of sipro phosphate esters containing phenol and substituted phenol moieties	1	JULY 2010	1-12
10.	Nano Science & Nano Technology	National	Dr. M. Sarojadevi, R. Baskaran	Mechanical and Thermal properties of Unsaturated polyester – Silica nano composites	4 (1)	June10	1-5
11.	Journal of Applied Polymer science	Inter national	K. rajkumar, V. Srasvathy, A. Thamarai chelvan, R. Chitra	Effect of iron carboxylates on the photodegradability of polypropylene. I. Natural weathering studies	118	June 2010	2601-2612
12.	Journal of Thermal Analysis and calorimetry	Inter national	Vijayakumar saranya Nagarajan David Mathan, Thangamani Rajkumar, Durairaj Ponraju	Study of thermal properties of intumescent additive	102	Apr 2010	1071-1077
13.	Journal of Thermal Analysis and Calorimetry	Inter national	Nagarajan David Mathan, Vijayakumar Sarasvathy, Thangamani Rajkumar, Arunachalam Thamaraichelvan and Durairaj Ponraju	Synthesis and thermal properties of spiro phosphorus compounds	101	March 2010	281-287
14.	Journal of Analytical and applied pyrolysis	Inter national	T.Periya durai M. bala subramanian	Thermal Decomposition and flame retardant behavior of Sio2 – phenolic nano composites	89	2010	244-249
15.	European Polymer Journal	Inter national	Shanmugam Vinayaga moorthi & Sarfaraz Alam,Sankar Nanjundan	Structural Aspects of High Temperature Thermosets – Bismaleimide / Propargyl Terminated resin System	45	2009	1217-1231

				Polymerization and Degradation studies			
16.	Polymer-Plastics Technology and Engineering	Inter national	Thangadurai Periadurai & Sarfaraz Alam	Synthesis and Polymerization of Bismaleimide Derived from 5(6)-amino-1(4'-aminophenyl)-1,3,3'-trimethyl indane	48	2009	141-151
17.	J Polymers and Environment	Inter national	Rajakumar, V.Sarasvathy A. Thamarai Chelvan, R. Chitra	Natural weathering Studies of Polypropylene	17	Sep 2009	191-202
18.	Journal of Thermal Analysis and Calorimetry	Inter national	Thangamani Rajkumar, Palanichamy Sivasamy and Charles A. Wilkie	Thermal Degradation Studies on PMMA-HET Acid Based Oligoesters Blends	100	July 2009	651-660

**Paper Publication Details (Dr. S.Vinayagamoorthi )**

S. No.	Journal Name	Nat./ Int.	Co-authors (If any)	Paper Title	Vol. No.	Month / Year	Page No
1	Science Jet	Inter national	Chinnaswamy Thangavel Vijayakumar, Rajendran Surender, Gnanasekar Pitchaimari, T.Rajkumar S. Vinayagamoorthi	Bispropargyl Ether and Bismaleimide Blends: Part II – TG Studies and degradation kinetics	3:44	2014	1-5
2	Science Jet	Inter national	Chinnaswamy Thangavel Vijayakumar, Rajendran Surender, Gnanasekar Pitchaimari S. Vinayagamoorthi	Bispropargyl Ether and Bismaleimide Blends: Part I – Isothermal Curing Studies	2:39	2013	1-7
3	European Polymer Journal	Inter national	S. Vinayagamoorthi Chinnaswamy Thangavel Vijayakumar, Sarfaraz Alam and Sankaran	Structural Aspects of High Temperature Thermosets – Bismaleimide / Propargyl Terminated resin	45	2009	1217-1231

				System Polymerization and Degradation Studies			
4	Designed Monomers and Polymers	International	C.T.Vijayakumar, S.Shamim Rishwana, R.Surender, N.David Msthsn, S.Vinayagamoorthi and S.Alam	Structurally diverse benzoxazines: Synthesis, polymerization and Thermal stability	17-1	2014	47-57
5	Journal of Polymer Materials	International	C.T.Vijayakumar, A.Sundaresan, M.Annarajan, N.David Mathan, S.Vinayagamoorthi and R.Surender	Studies on Maleimide Functionalized resin	30:1	2013	91-102

**Paper Publication Details (Dr. R. Anbarasan )**

S. no	Journal Name	Nat. (Int.)	Co-authors (If any)	Paper Title	Vol. No.	Month / Year	Page No
1	International journal of biological macromolecules	Int.	S.Palanikumar, P.Siva, B.Meenarathi, L.Kannammal	Effect of $FE_2O_3$ on the sedimentation and structure - property relationship of starch under different PHs	9. 1	March/2014	30-35
2	International journal of biological macromolecules	Int.	-	Effect of $FE_2O_3$ on the sedimentation and structure - property relationship of starch under different PHs	67	2014	91-98
3	Journal of physics D: Applied physics	Int.	S.Palanikumar, A.yelilarasi, B.Meenarathi, L.Kannammal	Synthesis and characterization and band gap energy of poly(E- Caprolactone)/Sr – MSA nano – composites	47	2014	-
4	Synthetic Metals	Int.	S.Palanikumar B.Meenarathi, L.Kannammal A.Murugesan	Synthesis and characterization and drug release activity of poly(Caprolactone –block-anthranilicacid grafted tetrahydrofuran) block poly(Caprolactone) triblock copolymer	189	2014	143-151
5	Act Physical Polonica	Int.	-	Synthesis and characterizations of poly nano composites	125	2014	-
6	Journal of science	Nat.	S.Palanikumar B.Meenarathi, L.Kannammal, A.Udhyaranjan, H .Premkumar	Synthesis and characterization of poly(ascorbic acid) by ring opening polymerization	4	2014	66-73

7	Malaysian Polymer Journal	Int.	V.Parthasarathy, V.Dhanalakshmi	Free radical grafting of aminoisophthalate and aminocrotonate onto LDPE backbone: A post FTIR study	8	2014	1-8
8	Indian journal of science	Nat.	B.Meenarathi, L.Kannammal, K.Agathian, Siva.P	Luminol initiated ring opening polymerization of $\epsilon$ -caprolactone	5	2013	37-40
9	Indian journal of science	Nat.	K.Agathian	Synthesis and characterization of novel poly(safranin – co – luminol)	5	2013	9-13
10	Indian journal of science	Nat.	B.Meenarathi, L.Kannammal, M.G.Sribala, Hung-Hsia-Chen, Ping-HeiChen, Siva.P.	Synthesis and characterizations of poly( $\epsilon$ -Caprolactone) based hydrophobic copolymers	5	2013	41-48
11	Journal of chemical science and technology	Int.	V.Parthasarathy	Thermolysis of LDPE with mercaptoesters: A comparative thermal study	2	2013	197-208
12	Indian journal of science	Nat.	V.Dhanalakshmi, M.Fathima Parveen, S.Umapathy	Synthesis and characterization of nano sized $Al(OH)_3$ in the presence of aniline as a dispersing agent	3	2013	97-101
13	Indian journal of science	Nat.	V.Dhanalakshmi M.Fathima Parveen, S.Umapathy	Synthesis and characterization of nano sized $Cu(OH)_2$ and its surface catalytic effect on Poly(vinyl alcohol)	3	2013	111-117
14	International journal of plastics	Int.	V.Parthasarathy V.Dhanalakshmi	Thermal, melting and crystallinity behavior of ester grafted LDPE by Thermolysis method	17	2013	61-74
15	Indian journal of science	Nat.	Seethalakshmi.M, Maria Franklin Dheepa.A, Jayalakshmi.T, Dhanalakshmi.v	Synthesis and characterization of Cd-O nano rod by ultrasound assisted one pot method and its surface catalytic effect on poly(vinyl alcohol)	2	2013	121-124
16	Indian journal of science	Nat.	-	Synthesis and characterization of poly (Benzidine)/oxidized graphite nano composite.	2	2013	127-130
17	Journal of polymer science	Int.	B.Meenarathi, Hung-Hsia-Chen, Ping-HeiChen	Near infrared dye functionalized MWCNT as an effective initiator for the ring opening polymerization of caprolactone.	20	2013	118-120
18	Asian journal of	Int.	V.Parthasarathy V.Dhanalakshmi	Fictionalization of LDPE with ethylcrotonate and	25	2013	3755-3761

	chem.			ethylsalicylate in the presence of free radical initiator :FTIR-Ri kinetics study			
19	Materials letter	Int.	Hung – Hsia Chen Long – Sheng Kuo Chin Chi Hus Ping – Hei Chen Kuei – Feng Chiang	Fabrication of hierarchical structured superhydrophobic copper surface by in – situ method with micro/nano scaled particles	60	2012	299-301
20	Indian journal of science	Nat.	A.yelil Arasi M. Hema P. Tamil Selvi	Synthesis and Characterizations of Sio2 nano particles by sol – gel process	1	2012	6-10
21	Discovery Science	Nat.	V. parthasarathy V. Dhanalakshmi	Free radical grafting of ethylcrotonate and ethylsalicylate onto HDPE by thermolysis method - an FTIR approach	1	2012	29-34
22	Journal of Applied polymer Science	Int.	C. A. Peng	Effect of MWCNT and Au nano particle on the structure – property relationship of poly(N-isopropyl acrylamide)	124	2012	3996 - 4006
23	International Journal of Nano Science	Int.	S. Gandhi M. R. Gopinathan Nair	Sonochemical synthesis and characterization of nano structured Mn3O4 and its surface catalytic effect on poly(vinyl alcohol)	11	2012	
24	Journal applied polymer science	Int.	V.Dhana lakshmi	Melt Functionalization of LDPE with Thio Ester, Amino ester and Hydroxy ester by Thermolysis Method –An FTIR Study	122 (4)	April, 2011	2252-2261
25	Journal of Chil. Chem. Soc	Int.	A.Yelil Arasi, J.Juliet Latha Jeyakumar, B.Sundaresan, V. Dhana lakshmi	Synthesis and characterizations of Poly(Aniline)Sb2O3 Nano Composite	56	2011	610
26	Materials Chemistry and Physics	Int.	Hung-Hsis Chen, Long-Sheng Kuo, Ping-Hei Chen	A novel report on Eosin Y Functionalized MWCNT as an initiator for ring opening polymerization poly( $\epsilon$ -aprolactone)	126	8 jan 2011	584-590
27	Synthetic Metals	Int.	J. Juliath Latha Jeyakumari A. Yelil Arasi V.Dhana	Chemical synthesis of poly (aniline –co – o/m-toluidine)/ V2O5 nano composites and their	160	10 nov 2010	2605-2612

			lakahmi B. Sundaresan	characterizations			
28	Journal of Applied Polymer Science	Int.	P. Aravind, V.Dhanalakshmi	Synthesis and Characterization of polymethacrylamide – Clay Nano Composites	121(1)	2011	563-573
29	J. Mate. Sci.	Int.	Hung-Hsis Chen, Long-Sheng Kuo, Ping-Hei Chen	Synthesize and characterization of novel acid functionalized and fluorescent poly( $\epsilon$ -caprolactone)	46	2011	1796-1805
30	Journal of non-crystalline solids	Int.	P. Abirami priya N. Pooja J. Juliat latha Jeyakumari A. Yelil Arasi V.Dhana lakahmi M.R. Gopi nathan Nair, S. Gandhi	Synthesis and characterizations of nano sized MgO and its nano composite with poly(vinyl alcohol)	357	20 Aug 2010	181-185
31	Journal of applied spectroscopy	Int.	V. Dhanalakshmi	FTIR study of the melt grafting of high density polyethylene with amino, sulfonate, and mercapto esters	77 N5	Sep& Oct 2010	
32	International journal of polymeric materials	Int.	K.manjula V. Vimala I. Baskaran V.Dhana lakahmi	The effect of Nanosized layered materials on the structure property relationship of Poly(aniline)s: An FTIR kinetic study	60	2 june 2010	1-25
33	Journal of Applied Polymer Science	Int.	N.Nagalakshmi I. Baskaran V.Dhana lakahmi M.R. Gopinathan Nair, S.Gandhi	Synthesis and characterizations of nano sized NiO and its surface catalytic effect on poly(vinyl alcohol)	118	3 June 2010	1666-1674
34	J. Mater. Sci.	Int.	V. Dhanalakshmi, M. Sudha	Synthesis and characterization of $cd^{2+}$ $Pb^{2+}$ and $Sr^{2+}$ containing divinyl monomers and their melt grafting reaction with LLDPE an FTIR approach	44	9 March 2010	3289-3299
35	Thermo Chimica Acta	Int.	V. Paratha sarat, B. Sundaresan, V. Dhan alakshmi	Functionalization of HDPE with aminoester and hydroxyester by thermolysis –An FTIR-RI approach	510	30 June 2010	61-67

36	The Institute of Engg. and Tech	Int.	J .Juliet Latha, A.Yelil Arasi, B. Sundaresan, V. Dhana lakshmi	Synthesis and characterization of poly(aniline-co-0/m-toluidine) /Sb <sub>2</sub> O <sub>3</sub> nanocomposite	5 issue 4	15 May 2010	241-246
37	Journal of applied polymer science	Int.	M. Fathima Parveen, S. Umapathy, V. Dhana lakshmi	Synthesis and characterization of nanosized iron(II) hydroxide and Iron(II)hydroxide/poly(vinyl alcohol) nanocomposite	Vol.1 18	18 Feb 2010	1728-1737 (2010)
38	Nano-micro letters	Int.	Hung-Hsis Chen, Long-Sheng Kuo, Meng-Yu Tsai, Ping-Hei Chen, Kuen-Feng Chiang	Synthesis, characterization and hydrophobicity of micro/nano scaled heptadecafluorononanoic acid decorated copper nanoparticle	Vol.2 No.2	2010	101-105 (2010)
39	J. Mater. Sci	Int.	R. Hari Hara Subramani T. Ramakrishnan A. Sivabalan V.Dhana lakshmi M.R. Gopinathan Nair,S. Gandhi	Ultrasound assisted one pot synthesis of nano-sized CuO and its nano composite with poly(vinyl alcohol)	45	5 Jan 2010	1688-1694
40	composite interfaces	Int	M. Fathima Parveen, S. Umapathy, V. Dhana lakshmi	Synthesis and characterization of nano-sized Zn(OH) <sub>2</sub> and Zn(OH) <sub>2</sub> /PVA nano-composite	17	2010	757-774
41	Spectrochimica Acta Part A	Int.	V. Dhana lakshmi	Melt grafting of metal salts onto LLDE BACKBONE –An FTIR study	Part A 76	2010	37-44
42	J. Mater. Sci.	Int.	C.A. Peng	Synthesis and characterization of Rosenbengal/folicacid functionalized multiwall carbon nanotube.	46	2011	992-998
43	J. Mater. Sci.	Int.	S. Radhika, K. Durai Murugan, I. Baskaran, V. Dhana lakshmi	Metal oxide-assisted chemical synthesis of poly( $\alpha$ -naphthylamine) and characterization.	44	29 April 2009	3542 - 3555
44	J. Mater. Sci.	Int.	M. Fathima Parveen, S. Umapathy, V. Dhana	Synthesis and characterization of nano-sized Ni(OH) <sub>2</sub> and Ni(OH)/poly(vinyl alcohol) nano	44	1 Sep 2009	5852-5860

			lakshmi	composite			
45	Spectrochimica Acta Part A	Int.	A.Yelil Arasi, J .Juliet Latha Jeyakumari, B. Sundaresan, V. Dhana lakshmi	The structural properties of poly(aniline)-Analysis via FTIR spectroscopy	74	25 Sep 2009	1229-1234
46	journal of applied polymer science	Int.	S. Kanchana, S. Gayathri, T. Jayalakshmi, V. Dhana lakshmi	Melt functionalization of linear low density poly(ethylene) with succinimide and N-Hydroxy succinimide by thermolysis method.	Vol.1 15	27 Aug 2009	315-323
47	journal of applied polymer science	Int.	V. Dhana lakshmi K. Raja sulochana, M. Sudha, T. Jaya lakshmi	Synthesis and characterization of calcium Di(methyl) acrylate divinyl monomers and melt surface graft functionalization with linear low density poly(ethylene)	Vol.1 15	15 Oct 2009	2582-2590 (2010)
48	e-polymer 2010	Int.	A.Yelil Arasi, J .Juliet Latha Jeyakumari, B. Sundaresan, V. Dhana lakshmi	Catalytic activity of V2O5 on aniline polymerization and study of structural properties of poly(aniline)/V2O5 nanocomposite.	088	25 August 2010	1618-7229
49	Polymers and polymer composites	Int.	A.Yelil Arasi, J .Juliet Latha Jeyakumari , V. Dhana lakshmi, B. Sundaresan, V. Parthasarathy,	FTIR spectroscopy: A useful tool for structural determination of polyaniline and its nano composite.	Vol 17, no.7	6 May 2009	397
50	Journal of polymers and Technologies	Int.	V. Dhana lakshmi	Synthesis and characterization of novel polyester-copolymer	23	May - Dec 2009	149
51	World scientific	Int.	M. Fathima Parveen, S. Umapathy, V. Dhanalakshmi,	Synthesis and characterization of nanosized Mg(OH) <sub>2</sub> and its nanocomposite with poly(vinyl alcohol)	Vol4 no.3 (2009)	Sep 1, 2009	147-156

52	Polymer Engg. and Science	Int.	V. Paratha sarathy, B. Sundaresan, V. Dhanalakshmi	Melt surface grafting of HDPE with mercaptoesters by thermolysis method	50	2010	474-483
53	Journal of macromolecular science	Int.	V. Sangeeth M. Saravanan R. Raj kumar M. Anandha alaguraja V. Dhanalakshmi	Effect of substituents and dopants on the structure – property relationship of poly(aniline) – A comparative study	50	2011	1-16
54	Journal of applied polymer science	Int.	R. Pandia rajaguru R. Prabhu V. Dhanalakshmi A. Jayalakshmi B. Dhanalakshmi S. Ulfath Nisha S. Gandhi T. Jayalakshmi	Synthesis, characterizations and mechanical properties of structurally modified poly(vinyl alcohol)	117	Dec 2009	2059-2068

**List of paper Publications: S. Gandhi (2009-2012)**

S. no	Journal Name	Nat. / Int.	Co-authors (If any)	Paper Title	Vol. No.	Month /Year	Page No.
1	International Journal of Nano Science	Int.	Dr. R. Anbarasan M. R. Gopinathan Nair	Ultra sound assisted eco – friendly one pot synthesis of nano structured Mn <sub>3</sub> O <sub>4</sub> and its surface catalytic effect on poly(vinyl alcohol)	11	2012	181-185
2	Journal of non-crystalline solids	Int.	P. Abiramipriya N. Pooja J. Juliat latha Jeyakumari A. Yelil Arasi V.Dhanalakshmi M.R. Gopinathan Nair R. Anbarasan	Synthesis and characterizations of nano sized MgO and its nano composite with poly(vinyl alcohol)	357	20 Aug 2010	181-185
3	Journal of Applied Polymer Science	Int.	N.Nagalakshmi I. Baskaran V.Dhanalakshmi M.R. Gopinathan Nair R. Anbarasan	Synthesis and characterizations of nano sized NiO and its surface catalytic effect on poly(vinyl alcohol)	118	3 June 2010	1666 - 1674
4	Journal of Material Science	Int.	R. Hari Hara Subramani T. Ramakrishnan A. Sivabalan V.Dhanalakshmi M.R. Gopinathan Nair R. Anbarasan	Ultrasound assisted one pot synthesis of nano-sized CuO and its nanocomposite with poly(vinyl alcohol)	45	5 Jan 2010	1688 - 1694

5	Journal of Applied Polymer Science	Int.	R.Pandiarajaguru R. Prabhu V.Dhanalakshmi A.Jayalakshmi B.Dhanalakshmi S.Ulfath nisha R. Anbarasan T. Jayalakshmi	Synthesis, characterizations and Mechanical properties of structurally modified poly(vinyl alcohol)	117	27 Dec 2009	2059 - 2068
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**List of paper Publications: Dr. R. Baskaran (2010-2012)**

S. no	Journal Name	National (Inter national)	Co-authors (If any)	Paper Title	Vol. No.	Month /Year	Page No.
1.	Journal of Material Science	Inter national	Dr.C.T.Vijaya kumar , Dr. M. Sarojadevi	Unsaturated Polyester filled with nano alumina	46	July'11	4864-4871
2	Journal of Polymer Materials	Inter national	Dr.C.T.Vijaya kumar , Dr. M. Sarojadevi	Effect of Nano Zinc Oxide on Mechanical and Thermal properties of Unsaturated Polyester/ nano Zinc Oxide Composites	28	2011	217-231
3	Nano Science & Nano Technology	National	Dr.C.T.Vijaya kumar , Dr. M. Sarojadevi	Mechanical and Thermal properties of Unsaturated polyester – Silica nano composites	4 (1)	June10	1-5
4	Journal of Reinforced Plastics and Composites	Inter national	Dr.C.T.Vijaya kumar , Dr. M. Sarojadevi	Mechanical and thermal properties of unsaturated polyester/calcium carbonate nanocomposites	30 (3)	2011	1549-1556
5	Carbohydrate polymers	Inter national	S.S. Sarvana kumar, A. Kumaravel, T. Nagarajan	Characterization of a novel natural cellulosic fiber from prosopis juliflora bark	90	2013	1928-1933
6	Malaysian Polymer Journal	Int.	-	Mechanical and Thermal properties of granite powder filled Unsaturated Polyester Composites	9	2014	30-35

**List of paper Publications: Mr. K. Agathian (2013-2014)**

S. no	Journal Name	National (International)	Co-authors (If any)	Paper Title	Vol. No.	Month /Year	Page No.
1	Indian journal of science	Nat.	R.Anbarasan.	Synthesis and characterization of novel poly(safranin – co – luminal)	5	2013	9-13

**List of paper Publications: Mrs. M. G.Sri bala (2013-2014)**

S. no	Journal Name	National (International)	Co-authors (If any)	Paper Title	Vol. No.	Month /Year	Page No.
1	Indian journal of science	Nat.	B.Meenarathi, Hung-Hsia-Chen, Ping-HeiChen, Kannammal.L, Siva.P, Anbarasan.R	Synthesis and characterizations of poly(e-Caprolactone) based hydrophobic copolymers	5	2013	41-48

**Department of Chemistry**

**Details of National/International Journals**

S.No.	Journal Name	Nat. / Int.	Authors	Paper Title	Vol.	Year	Page No.	IF
1.	European polymer journal	Int.	S.Vinayaga moorthy	Structural aspects of high temperature thermosets- Bismaleimide/propargyl terminated resin system- polymerization and degradation studies	45	2009	1217 - 1231	-
2.	Journal of Thermal Analysis and Calorimetry	Int.	T.Rajkumar	Thermal Degradation Studies on PMMA-HET Acid Based Oligoesters Blends	100	2010	651- 660	-
3.	Journal of Thermal Analysis and Calorimetry	Int.	T.Rajkumar	Synthesis and thermal properties of spiro phosphorus compounds	101	2010	281- 287	-
4.	Journal of Thermal Analysis and Calorimetry	Int.	T.Rajkumar	Study of thermal properties of intumescent additive	-	2010	-	-
5.	Journal of Polymers and the	Int.	Dr. K. Rajakumar	Natural Weathering Studies of Polypropylene	17 (3)	2010	191- 202	-

	Environment							
6.	Journal of Applied Polymer Science	Int.	Dr. K. Rajakumar	Effect of Iron Carboxylates on the Photodegradability of Polypropylene. I. Natural Weathering Studies	118	2010	2602 - 2612	-
7.	Plastic and polymer technology	Int.	Dr. K. Rajakumar	Development of photodegradable environment friendly polypropylene films	2(1)	2013	22	-
8.	Journal of Thermal Analysis and Calorimetry	Int	Dr. K. Rajakumar	. Synthesis and Thermal Studies of Bisphenol-A based Bismaleimide – Effect of Nanoclays	103	2012	6093 - 6099	-
9.	Archives of applied science research	Int.	J.Dhanalakshmi	Crystal growth, comparison of vibrational and Thermal properties of semi organic nonlinear optical materials	1(2)	2009	81-85	-
10.	High performance polymers	Int.	J.Dhanalakshmi	High temperature matrix resins based on bispropargyl ether – part 1: effects of copper salts on the thermal polymerization of bis propargylether of bisphenol-A and thermal stability of these polymers.	25	2012	416-426	-
11.	Indian Journal of Fibre and textile research	Nat.	V. Kohila and T. Dhanalakshmi	Synthesis and spectral characterizations of poly(congored) grafted silk fibre — A kinetic approach2	39	2014	172-179	-
12.	Designed monomers and polymers	Int	S. Shamim Rishwana	Structurally diverse benzoxazines: Synthesis, polymerization and Thermal stability	17-1	2014	47-57	-
13.	High performance polymers	Int.	J.Dhanalakshmi	High temperature matrix resins based on bispropargyl ether – part 2: Curing kinetics of Structurally diverse BPEs and their blends with bismaleimides		2014	Online	-

### Details of National/International Conferences

S.NO	Conf. Name	Nat./Int.	Authors	Paper Title	Vol.	Year	Page No.	IF
1	National Conference on recent advancement and development in material science	Nat.	S.Vinayaga moorthy	Polymerization and thermal degradation studies of Bispropargylether of bisphenol A	-	2009	-	-
3	International Conference on Advances in Polymer Technology	Int.	K.Rajakumar	Role of Non-toxic Transition Metal Salts on PP Degradation	-	2010	-	-
4	National Conference on Recent Advances in Polymeric Materials	Int.	K.Rajakumar	Natural and Artificial Weathering of Polypropylene Films – a solution for littered packaging films	-	2009	-	-
5	National Conference on Frontiers in Polymer Science and Technology	Int.	K.Rajakumar	Photodegradable Polypropylene Film – a solution for the plastic packaging environmental pollution	-	2009	-	-
8	ISAMPE National Conference on Composites	Nat.	Mrs. S. Shamim Rishwana	Structurally Diverse Benzooxazines – Thermal Studies		2013		
9	ISAMPE National Conference on Composites	Nat.	Mrs. J. Dhanalakshmi	Matrix resins based on Bispropargyl ethers and bismaleimide blends – Curing studies		2013		
10	International Conference on Advances in Mechanical Engineering and its Interdisciplinary areas, College of Engineering and Management, Kolaghat	Int.	Mrs. V. Kohila	Dye Coated Polymeric Materials		2012		

**Department of English**  
**Details of National/International Journals**

S.NO	Journal Name	Nat./Int.	Authors	Paper Title	Vol.	Year	Page No.	IF
1	IJRSET	Int.	N.Pratheeba	Enhancing the corporate creativity of technologists	3	2014	62-65	-
2	Perceptual and Motor Skills	Int.	N.Pratheeba	Self-reported reading as predictor of vocabulary knowledge	117	2013	442-448	-
3	HLT (online publication)	Int.	N.Pratheeba	Walking tall with word forks	14	2012	-	-
4	The Language Teacher	Int.	N.Pratheeba	Teaching phrasal verbs with wordforks	36	2012	-	-
5	MJAL -Winter edition	Int.	N.Pratheeba	Enhancing the collocative competence	3	2011	-	-
6	Language in India	Nat.	N.Pratheeba	Mind your vocabulary	10	2010	51-58	-
7	EJEST	Nat.	N.Pratheeba	Presenting Technical Presentations	3	2009	19-22	-
8	ELT Weekly*41\11(online publication)	Int.	N.Pratheeba	Correlating the performance of ESL students	-	2009	-	-

**Details of National/International Conferences**

S.NO	Conf. Name	Nat./Int.	Authors	Paper Title	Vol.	Year	Page No.	IF
1	IV International Conference Of Organization for Studies in Literature and Environment-India (OSLE-India) on Ecology : texts and contexts	Int.	N.Sundara rajan	Allan Sealy's "The Everest Hotel" : An Eco Critical Analysis"	-	2009	-	-
2.	National Seminar On Multiculturalism In Literature: Canada and India'	Nat.	N.Sundara rajan	Diasporic mind of an Anglo Indian with reference to Allan Sealy's Trotter Nama'	-	2010	-	-
3	National Seminar On' Multiculturalism In Literature: Canada and India'	Nat.	K.Rathiga	The fabric of multicultural identity in Nayantara Sahgal's MistakenIdentity	-	2010	-	-

4	National Seminar On' Issues and Challenges in teaching rural students	Nat.	U.S.Rama Swamy	Word forks an innovative technique	-	2010	-	-
5	National level Conference on Modern Methodologies in Teaching English Language Skills	Nat.	N.Sundara rajan	Video as an aid in the English class room on the at on	-	2011	-	-
6	UGC-sponsored National Seminar on Indian English Fiction of the New Millennium	Nat.	N.Sundara rajan	Narrative as a tool in Allan Sealy's Red	-	2013	-	-
7	State Level Seminar on Indian Writing in English.(Sponsored by TANSCHÉ)	Nat.	N.Sundara rajan	Predicaments of Marginalized in Allan Sealy's, Red.,	-	2009	-	-

### Department of Mathematics

#### Details of National/International Journals

S.NO	Journal Name	Nat./ Int.	Authors	Paper Title	Vol.	Year	Page No.	IF
1	Adv.REs.Pure Maths	Nat.	K.Thanalakshmi V.Renuga Devi	Characterizations of generalized opensets via generalized closure and interior operaors	1	2009	14-22	-
2	International Journal of Mathematical Archieve	Int.	K.Thanalakshmi	Note on delda-semiopen sets	2	2011	740-744	-
3	International Journal of Mathematical Archieve	Int.	K.Thanalakshmi	Characterizations of some generalized open sets	2	2011	982-987	-
4	Kochi.JMath.,	Nat.	K.Thanalakshmi	On Theta- I – open sets and * - extremely disconnected spaces	7	2012	17-33	-
5	Open journal of Discrete Mathematics	Nat.	A.Maheswari	Some results on vertex equitable labeling	2	2012	37-51	-
6	SUT Journal of Mathematics	Nat.	A.Maheswari	3-product cordial labelling	48	2012	231-240	-
7	Journal of Algorithms and computation	Int.	A.Maheswari	Vertex equitable labeling of Transformed Trees	-	2013	-	-
8	Fundamental Informaticae	Int.	E.K.R. Nagarajan D.Umadevi	Algebra of rough sets based on Quasi order	126	2013	83-101	-

9	On the uniqueness of D-vertex magic constants	Nat.	S.Arumugam , N.Kamatchi G.R. Vijayakumar	Discussions of Mathematical Graph theory	-	2013	-	-
10	Journal Of Scientific Research	Int.	A.Maheswari	3-product cordial labelling of some graphs on Mathematical Combinatorics	-	2012	96-105	-
11	Utitlas Mathematics	Int.	A.Maheswari	On Mean Labelling of some trees	-	2012	-	-
12	Journal Of Scientific Research	Int.	A.Maheswari	Vertex Equitable Labeling of Cyclic Snakes and Bistar Graphs	6	2014	79-85	-

### Department of Physics

#### Details of National/International Journals

S.NO	Journal Name	Nat ./ Int.	Authors	Paper Title	Vol .	Year	Page No.	IF
1.	Recent Research in science and Technology	Int.	K. Balachandra Kumar	Synthesis and Characterization of Nano Zinc oxide by Sol Gel Spi coating	-	2011	-	-
2.	Journal of nanotechnology	Int.	K. Balachandra Kumar	Synthesis and Humidity sensing properties of Sn doped nano TiO <sub>2</sub>	-	2011	-	-
3.	Asian. J. Spectroscopy	Int.	K. Bala chandra Kumar	Evaluation of transition probability parameter for astrophysically significant AlCl and AlF molecules	17	2013	-	-
4.	Journal of Applied Spectroscopy	Int.	B. Karthikeyan	Spectral dataset for an astrophysical molecule BaF	80	2013	799-805`	-
5.	Ionics	Int	H.Nithya, S.Selvasekarapandian, P. Christopherselvin, D.ArunKumar, M. Hema	Structural and ionic conductivity studies on P(ECH-EO):γ-BL: LiClO <sub>4</sub> plasticized polymer electrolyte	17 (7)	2011	587-593	1.674
6.	Indian journal of Science	Nat	A.Yelil arasi, M.Hema, P.Tamilselvi, R.Anbarasan	Synthesis and characterization of SiO <sub>2</sub> nanoparticles by sol-gel process	1	2012	6-10	-
7.	Ionics	Int.	D.ArunKumar, S.Selvasekarapandian, H.Nithya, M.Hema.	Synthesis, micro-structural, and electrical and electrical analysis on lanthanum fluoride	18	2012	461-471	1.674

8.	International journal of Nanotechnology and Applications	Nat .	A.Yelilarasi, M.Hema, A.Tamilselvi	Characterization of Titania nano particles	6	2012	202-206	-
9.	Journal of solid state electrochemistry	Int	H.Nithya, S.Selvasekarapandian, P.Christopherselvin , D.ArunKumar, M.Hema, Junichi Kawamura	Laser Raman and conductivity studies of plasticized polymer electrolyte P(ECH-EO):propylenecarbonate: - butyrolactone:LiClO <sub>4</sub>	16	2012	1791 - 1797	2.279
10.	Chemical Science Transaction	Nat .	M.Hema, A.Yelilarasi, P.Tamilselvi, R.Anbarasan	Titania Nano particles synthesized by Sol-Gel Technique	2	2013	239-245	-
11.	Nano bulletin	Int.	P. Tamilselvi, A. Yelilarasi, M Hema, R Anbarasan	Synthesis of hierarchical structured MgO by sol-gel method	1	2013	103-106	-
12.	Ionics	Int.	K. P. Radha, S. Selvasekarapandian , S. Karthikeyan, M. Hema, C. Sanjeeviraja	Synthesis and impedance analysis of proton-conducting polymer electrolyte PVA:NH <sub>4</sub> F	19	2013	1437 - 1447	1.6
13.	Ionics	Int.	K. P. Radha, S. Selvasekarapandian , S. Karthikeyan, M. Hema, C. Sanjeeviraja	Synthesis and impedance analysis of proton-conducting polymer electrolyte PVA:NH <sub>4</sub> F	19	2013	1437 - 1447	1.6
14.	Physica Condensed Matte	B: Int.	P.Tamilselvi, M.Hema	Conductivity studies of LiCF <sub>3</sub> SO <sub>3</sub> doped PVA: PVdF blend polymer electrolyte	437	2014	53-57	1.3
15.	International Journal of ChemTech Research.	Int.	P.Tamilselvi, M.Hema	Impedance studies of polymer electrolyte based on PVA: PVdF: LiCF <sub>3</sub> SO <sub>3</sub> ,	6(3)	2014	1864 - 1866	
16.	Spectrochim. Acta Part A	Int.	A.Yelilarasi	The Structural Properties of Poly(aniline) - Analysis via FTIR Spectroscopy	74	2009	1229 - 1234	-
17.	Polym. Polym. Compos	Int.	A.Yelilarasi	Post Determination of As <sub>2</sub> O <sub>3</sub> Assisted Aniline Polymer Nano composite Kinetics Through FTIR spectroscopy	17	2009	-	-
18.	E.Polym	Int.	A.Yelilarasi	Catalytic Activity of V <sub>2</sub> O <sub>5</sub> on Aniline Polymerization and the Study of Structural Properties of Poly(Aniline)/V <sub>2</sub> O <sub>5</sub> Nano Composite	88	2010	-	-
19.	Nano Micro Lett	Int.	A.Yelilarasi	Synthesis and characterisations of	5	2010	-	-

				poly(aniline-co-o/m-toluidine)/Sb <sub>2</sub> O <sub>3</sub> Nano composites				
20.	Synth. Met	Int.	A.Yelilarasi	Chemical Synthesis of Poly(aniline-co-o/m-toluidine)/V <sub>2</sub> O <sub>5</sub> Nano composites and their Characterizations	160	2010	-	-
21.	J.Chil.Chem.Soc	Int.	A.Yelilarasi	Synthesis and characterizations of Poly(aniline)/Sb <sub>2</sub> O <sub>3</sub> nano composite	56	2011	-	-
22.	J. Non-cryst. Solids	Int.	A.Yelilarasi	Synthesis and characterizations of nano sized MgO and its nano composite with Poly (vinyl alcohol)	357	2011	-	-
23.	International journal of Nanotechnology and Applications	Int.	A.Yelilarasi	Characterization of Titania nanoparticles	6	2012	202-206	-
24.	Indian journal of Science	Nat .	A.Yelilarasi	Synthesis and characterization of Poly(benzidine) and Poly (o-toluidine) Nano Composites- A comparative Study	1	2012	105-112	
25.	Synthesis of hierarchical structured MgO by sol-gel method	Int.	A.Yelilarasi ,M.Hema	Nano bulletin	1	2013	103-106	-
26.	Acta Physica Polonica	Int	A.Yelilarasi, J.Juliet latha Jeyakumari, R.Anbarasan	Effect of nano sized clay and tio <sub>2</sub> on the structure and thermal stability of poly(aniline-co-o-toluidine	125	2014	23-28	-
27.	D: Applied Physics	Int	L. Kannammal, S. Palanikumar, B. Meenarathi, A Yelilarasi and R.Anbarasan1	Synthesis,characterization and band gapenergy of poly(ε-caprolactone)/Sr-MSAnano-composite	47	2014	1-10	
28.	ChemTech Research	Int	K.Sakthiraj, K.Balachandra kumar	Effect of Ti doping on the structural and optical properties of tin oxide nanoparticles	Vol 6 No .3	2014	2216 - 2219	
29.	D: Applied Physics	Int	L. Kannammal, S. Palanikumar, B. Meenarathi, A Yelilarasi and R.Anbarasan1	Synthesis,characterization and band gapenergy of poly(ε-caprolactone)/Sr-MSAnano-composite	47	2014	1-10	

**Department of Physics**

**Details of National/International Conferences**

<b>S. NO</b>	<b>Conf. Name</b>	<b>Nat. /Int.</b>	<b>Authors</b>	<b>Paper Title</b>	<b>Vol.</b>	<b>Year</b>	<b>Page No.</b>
1	International Conference on Nano Science & Nano Technology	Int.	K. Bala Chandra Kumar	Synthesis and characterization of ZnO on FTO substrate by sol gel spin coating	-	2010	-
2	International Conference on Advanced Materials	Int.	B. Karthikeyan, K. Bala Chandra Kumar	Spectroscopic parameters for certain parameters of nano barium monoflouride	-	2012	-
3	International Conference on Advanced Materials (ICAM).	Int.	K. Bala Chandra, B. Karthikeyan Kumar	Vibrational temperature of aluminium monoflouride molecule	-	2012	-
4	2nd National Conference on Hierarchically Structured Materials (NCHSM 2014) held at SRM University, Ramapuram Campus, Chennai during 24th to 25th Mar 2014.	Nat	B. Karthikeyan, K. Balachandrakumar, G. Shanmuga Priya	Zn-doped forsterite nanoparticle – Synthesis and Characterization	-	2014	-
5	International conference on advanced materials and its applications	Int.	M.Hema, S. Selvasekerapandian, R. Baskaran, Junichi Kawamura	Proton transport in PVA-NH <sub>4</sub> NO <sub>3</sub> polymer electrolyte	-	2011	-
6	National conference on Nanomaterials	Nat.	M.Hema, A.Yelil arasi, P.Tamilselvi, R.Anbarasan	Characterisation of Titania Nanoparticles		2012	
7	National Seminar in Irradiation Techniques in Science, Engineering and Medical Field	Nat.	A.Yelil arasi, M.Hema, P.Tamilselvi, R.Anbarasan,	Ultrasound assisted Sol-Gel Synthesis of SiO <sub>2</sub> Nanoparticles		2012	
8	International conference of	Int.	A.Yelil arasi, M.Hema,	Synthesis and characterization of cost effective SiO <sub>2</sub> nanoparticles		2012	

	Advanced Materials -2012		P.Tamilselvi, R.Anbarasan				
9	International Conference on Recent Trends in Science & Technology	Int.	P.Tamilselvi, M.Hema	Dielectric and Impedance studies of PVA/PVdF/Lithium triflate blend polymer electrolytes.	-	2013	
10	Second national seminar on New Materials Research and Nanotechnology	Nat.	P.Tamilselvi, M.Hema	Effect of Nano fillers on ionic conductivity of PVA/PVdF composite polymer electrolytes		2013	
11	Technologically Important Amorphous and Crystalline Solids	Nat.	M. Hema, P. Tamilselvi, G. Hiran Kumar	AC Impedance Studies On Poly (Acrylamide) Based Polymer Electrolyte		2013	
12	Nano India	Nat.	A.Yelil arasi, M.Hema, P.Tamilselvi, R.Anbarasan	Synthesis and characterization of Novel silica and magnesia Nanoparticles		2013	
13	Second International Conference on Advanced Materials Processing and Characterization	Int.	A.Yelil arasi, M.Hema, P.Tamilselvi, R.Anbarasan	Ultrasonical Assisted Sol-Gel Synthesis And Characterization Of MgO Nanoparticles		2013	
14	National conference on Advanced Materials	Nat.	M. Hema, P. Tamilselvi, G. Hiran Kumar	Conductivity of PVA: PVdF blend polymer electrolytes,		2013	
15	National seminar on material Science	Nat.	A.Yelilarasi	Synthesis and characterization of PANI/TiO2 nanocomposite	-	2009	-
16	National symposium on Emerging Concept and trends in Bioinorganic chemistry	Nat.	A.Yelilarasi	Structural properties of PANI/Clay nanocomposites	-	2011	-
17	National Conference On	Nat.	A.Yelilarasi	comparison of Polymer nanocomposites	-	2011	-

	Recent Trends in Nanotechnology						
18	National Seminar in Recent trends in chemistry	Nat.	A.Yelilarasi	Thermal and structural properties of PANI/Sb <sub>2</sub> O <sub>3</sub> nanocomposites	-	2011	-
19	International conference on Advanced material	Int.	A.Yelilarasi	Cost effective method for the synthesis of nano particle (ICAM)	-	2012	-
20	National Seminar in Irradiation techniques in Science	Nat.	A.Yelilarasi	Engineering and Medical field ultra sonicated assisted Solgel method for nanomaterials	-	2012	-
21	National conference on Nanomaterials	Nat.	A.Yelilarasi	Synthesis and Charecterization of Tio <sub>2</sub> nanomaterials	-	2012	-
22	Second International Conference on Advanced in Materials Processing And Charecterisation	Int.	A.Yelilarasi	Synthesis of Mgo nanoparticle	-	2013	-
23	Nano India	Nat.	A.Yelilarasi	nano particle synthesis by solgel method	-	2013	-
24	International Conference on Recent Trends in Science & Technology	Int.	M.Hema	Dielectric and Impedance studies of PVA/PVdF/Lithium triflate blend polymer electrolytes.	-	2013	27-29
25	Second national seminar on New Materials Research and Nanotechnology	Nat.	M.Hema	Effect of Nano fillers on ionic conductivity of PVA/PVdF composite polymer electrolytes	-	2013	-
26	Technologically Important Amorphous and Crystalline Solids, Organized by Kalasalingam University, Krishnan koil	Nat.	M.Hema	AC Impedance Studies On Poly (Acrylamide) Based Polymer Electrolyte	-	2013	1-2

27	Nano India, Organized by CSIR-NIIST, Trivandrum	Nat.	M.Hema	Synthesis and characterization of Novel silica and magnesia Nanoparticles	-	2013	19- 20
28	National conference on Advanced Materials organized by PSN College of Engineering and Technology	Nat.	M.Hema	Conductivity of PVA: PVdF blend polymer electrolytes	-	2013	23- 25
29	National conference on Nanomaterials” organized by Karunya University, Coimbatore	Nat.	M.Hema	Characterisation of Titania Nanoparticles	-	2012	-
30	National Seminar in Irradiation Techniques in Science, Engineering and Medical Field	Nat.	M.Hema	Ultrasound assisted Sol-Gel Synthesis of SiO <sub>2</sub> Nanoparticles	-	2012	-
31	International conference of Advanced Materials - 2012” organized by Loyola College, Chennai	Int.	M.Hema	Synthesis and characterization of cost effective SiO <sub>2</sub> nanoparticles	-	2012	-
32	International Conference on Materials and Characterization Techniques	Int.	M. Hema P. Tamilselvi	Impedance studies of polymer electrolyte based on PVA:PVdF:LiCF <sub>3</sub> SO <sub>3</sub>		2014	
33	5'th International conference organized by Marivanis college Trivandrum	Int	A.Yelilarasi, B.Jancirani, R.Anbarasan	Michale addition polymerization of mono ethylene glycol diacrylate with aniline		2014	
34	International seminar on crystalline	Int	K.Sakthiraj, K.Balachandra Kumar	Synthesis of Ti doped Tin oxide (SnO <sub>2</sub> ) Nanoparticles by sol-gel route		2014	

	materials and optoelectronic devices						
35	International Conference on Materials and Characterization Techniques Organized by VIT university, Vellore.	Int	K.Sakthiraj, K.Balachandra Kumar	Effect of Ti doping on the structural and optical properties of tin oxide nanoparticles		2014	

## CRITERION IV : INFRASTRUCTURE AND LEARNING RESOURCES

### *Criterion IV : Annexure - I (Refers 4.1.2)*

#### INFRASTRUCTURE FACILITIES FOR CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

ROOM TYPE	NUMBERS	ROOM ID	Area of Each	Total area (in sqm)
<b>Administrative Block (Ground Floor)</b>				
Seminar Hall	1	Seminar Hall	104.50	104.50
<b>Administrative Block (First Floor)</b>				
Classrooms	5	A1 to A5	77.92	389.6
Laboratories	1	Physics Lab	157.66	157.66
Laboratories	1	Physics Lab II	77.92	77.92
<b>Administrative Block (Second Floor)</b>				
Auditorium	1	Auditorium	561.59	561.59
<b>Bio-Technology Block(Ground Floor)</b>				
Laboratories	1	BT Lab – I	244.27	244.27
Laboratories	1	BT Research Lab	77.92	77.92
Laboratories	1	Language Lab	96.66	96.66
Laboratories	1	IT Lab	350.69	350.69
Staff Room	1	Staff Room	63.00	63.00
Staff Room	1	HOD BT Cabin	23.81	23.81
<b>Bio-Technology Block(First Floor)</b>				
Classrooms	2	PG3,4	33.39	66.78
Classrooms	3	B1,2,3	74.18	222.54
BT Department Library	1	BT Department Library	32.71	32.71
Laboratories	1	BT Lab – II	319.25	319.25
Laboratories	1	IT Lab III	96.66	96.66
Laboratories	1	Physics R & D Lab	23.81	23.81
<b>Bio-Technology Block(Second Floor)</b>				
Tutorial rooms	2	B4,5	74.18	148.36
Classrooms	4	B7,8,9,10	86.16	344.64
Laboratories	1	BT Lab – III	74.18	74.18
Laboratories	1	BT Lab – IV	96.66	96.66
Staff Room	1	HOD Room	24.77	24.77

<b>Computer Block(Ground Floor)</b>				
Tutorial rooms	2	C1,2	74.18	148.36
Exam Cell	1	C3	74.18	74.18
Counseling Room	1	Counseling Room	23.57	23.57
Seminar Hall	1	Seminar Hall	96.66	96.66
CSE Department Library	1	CSE Department Library	40.89	40.89
Laboratories	1	CSE Lab – I	169.56	169.56
Laboratories	1	CSE Lab – II	169.56	169.56
<b>Computer Block(First Floor)</b>				
Tutorial rooms	1	C18	23.51	23.51
Classrooms	1	C7	54.8	54.8
Classrooms	1	C8	78.65	78.65
Classrooms	1	C9	83.81	83.81
Classrooms	1	C10	51.16	51.16
Classrooms	2	PG1,2	33.77	67.54
Classrooms	3	C4,5,6	74.18	222.54
Staff Room	1	Staff Room	96.66	96.66
<b>Computer Block(Second Floor)</b>				
Tutorial rooms	1	C13	74.18	74.18
Tutorial rooms	1	C19	23.57	23.57
Classrooms	2	C11, 12	74.18	148.36
Classrooms	4	C14,15,16,17	85.42	341.68
Staff Room	1	Staff Room	96.66	96.66
<b>Library Block</b>				
Library	1	Library	1107.46	1107.46
Seminar Hall	1	Seminar Hall – I	241.97	241.97
Seminar Hall	1	Seminar Hall – II	76.12	76.12
<b>Canteen Block(First Floor)</b>				
Seminar Hall	1	Seminar Hall	270	270
Tutorial rooms	2	Tutorial room1,2	33.46	66.92
<b>Workshop Block (Ground Floor)</b>				
Laboratories	1	Mechanical Lab - II	438.64	438.64
Laboratories	1	Mechanical Lab - I	401.48	401.48
Laboratories	1	EEE Lab – I	401.48	401.48
Laboratories	1	Chemistry Lab	356.00	356.00

Laboratories	1	Polymer Lab – I	408.70	408.70
Laboratories	1	Civil Engineering Lab - I	401.48	401.48
Laboratories	1	Polymer Lab – II	96.00	96.00
Workshop	1	Additional Workshop	278.81	278.81
<b>Workshop Block (First Floor)</b>				
Laboratories	1	Electronics & Instrumentation lab - I	424.72	424.72
Laboratories	1	Civil Lab – II	424.72	424.72
Laboratories	1	EEE Lab – II	424.72	424.72
Laboratories	1	ECE Lab – I	424.72	424.72
Laboratories	1	ECE Lab – II	424.72	424.72
Workshop	1	Additional Workshop	401.48	401.48
<b>Academic Block III (Ground Floor)</b>				
Laboratories	1	Civil Lab III (E1)	77.93	77.93
Laboratories	1	Civil Lab IV	39.50	39.50
Laboratories	1	Polymer Lab III (E2)	77.93	77.93
Laboratories	1	Polymer Lab IV (E3)	77.93	77.93
Laboratories	1	Civil Lab V	77.93	77.93
Laboratories	1	Common Computer Lab with UPS	233.77	233.77
<b>Academic Block III (First Floor)</b>				
Drawing Hall	1	E4 – II	157.66	157.66
Classrooms	4	E4, 5, 6, 7	77.93	311.72
Staff Room	1	Staff Room	24.77	24.77
Staff Room	1	Staff Room	39.50	39.50
Staff Room	2	HOD Room 1,2	25.67	51.34
<b>Academic Block III (Second Floor)</b>				
Tutorial rooms	1	E12	77.93	77.93
Classrooms	4	E8,9,10,13	77.93	311.72
Staff Room	1	Staff Room 1	39.50	39.50
Staff Room	1	Staff Room 2	24.77	24.77
Laboratories	1	Mechanical Lab (E11)	131.01	131.01
<b>Academic Block III (Third Floor)</b>				
Tutorial rooms	2	E14,15	77.92	155.84
Tutorial rooms	1	E18	51.32	51.32
Classrooms	1	E16	77.92	77.92

Classrooms	1	E19	77.93	77.93
Staff Room	1	Staff Room 1	39.49	39.49
Staff Room	1	Staff Room 2 (E17)	157.66	157.66
Staff Room	1	Staff Room 3	24.77	24.77
<b>Academic Block III (Fourth Floor)</b>				
Classrooms	4	E20,21,22,25	77.92	311.68
Classrooms	1	E24	51.34	51.34
Seminar Hall	1	Seminar Hall (E23)	157.66	157.66
Staff Room	1	Staff Room 1	39.50	39.50
Staff Room	1	Staff Room 2	24.76	24.76
<b>Academic Block IV (Ground Floor)</b>				
Class Rooms	1	D1	77.93	77.93
Class Rooms	1	D2	67.05	67.05
Seminar Hall	1	CSE Seminar Hall	77.93	77.93
Tutorial Rooms	1	PG5	51.35	51.35
Class Rooms	1	PG6	40.47	40.47
Staff Room	2	Staff Room 1&2	24.758	49.52
Staff Room	4	Individual Cabin 1-4	9.522	39.03
Staff Room	2	Staff Cabin 3 & 4	12.061	24.122
Library	1	CSE Dept Library	45.91	45.91
Staff Room	1	CSE HOD Cabin	24.77	24.77
Administrative Room	1	CSE Office Room	24.77	24.77
Administrative Room	1	CSE Meeting Hall	24.77	24.77
Laboratories	1	CSE Lab-III & UPS Room	262.17	262.17
Conference Hall	1	CSE Conference Hall	184.25	184.25
Tutorial room	1	D 24	24.75	24.75
<b>Academic Block IV (First Floor)</b>				
Class Rooms	1	D3	77.89	77.89
Class Rooms	1	D4	67.02	67.02
Seminar Hall	1	IT Seminar Hall	77.89	77.89
Tutorial Rooms	1	PG7	51.32	51.32
Class Rooms	1	PG8	40.45	40.45
Staff Room	3	Staff Room 1-3	24.758	74.27
Staff Room	4	Individual Cabin 1-4	9.522	39.03
Library	1	IT Dept Library	45.89	45.89

Staff Room	1	IT HOD Cabin	24.75	24.75
Administrative Room	1	IT Office Room	24.75	24.75
Administrative Room	1	IT Meeting Hall	24.75	24.75
Laboratories	1	CSE Lab-IV & UPS Room	256.45	256.45
Laboratories	1	IT Lab-II	155.85	155.85
Laboratories	1	Research Lab	24.76	24.76
<b>Academic Block IV (Second Floor)</b>				
Class Rooms	3	D5,8,9	77.92	233.76
Class Rooms	1	D6	67.05	67.05
Class Rooms	1	D7	72.49	72.49
Class Rooms	1	D10	66.44	66.44
Tutorial Rooms	1	PG10	51.35	51.35
Class Rooms	1	PG9	51.35	51.35
Staff Room	2	Staff Room 1&2	24.758	49.52
Staff Room	4	Individual Cabin 1-4	9.522	39.03
Library	1	ECE Dept Library	45.91	45.91
Staff Room	1	ECE HOD Cabin	24.76	24.76
Administrative Room	1	ECE Office Room	24.76	24.76
Administrative Room	1	ECE Meeting Hall	24.76	24.76
Laboratories	1	ECE Research and Specialization Lab & UPS Room	150.13	150.13
Laboratories	1	ECE Research and Specialization Lab	131.08	131.08
Laboratories	1	Research Lab	24.76	24.76
<b>Academic Block IV (Third Floor)</b>				
Class Rooms	2	D11, 17	77.92	155.84
Class Rooms	1	D12	67.05	67.05
Class Rooms	1	D13	72.49	72.49
Tutorial Rooms	3	D14,15,16	51.34	154.02
Class Rooms	1	PG11	40.47	40.47
Class Rooms	1	PG12	51.34	51.34
Staff Room	2	Staff Room 1&2	24.758	49.52
Staff Room	4	Individual Cabin 1-4	9.522	39.03
Library	1	EIE Dept Library	45.91	45.91
Staff Room	1	EIE HOD Cabin	24.76	24.76

Administrative Room	1	EIE Office Room	24.76	24.76
Administrative Room	1	EIE Meeting Hall	24.76	24.76
Laboratories	1	EIE Lab-III & UPS Room	150.13	150.13
Laboratories	1	EIE Lab-II	131.08	131.08
Laboratories	1	Research Lab	24.76	24.76
<b>Academic Block IV (Fourth Floor)</b>				
Class Rooms	3	D18,21,22	77.93	233.79
Class Rooms	1	D19	67.05	67.05
Class Rooms	1	D20	72.49	72.49
Class Room	1	D23	66.45	66.45
Class Rooms	1	PG13	40.47	40.47
Class Rooms	1	PG14	51.34	51.34
Staff Room	2	Staff Room 1 & 2	24.758	49.52
Staff Room	4	Individual Cabin 1-4	9.522	39.03
Library	1	EEE Dept Library	45.91	45.91
Staff Room	1	EEE HOD Cabin	24.76	24.76
Administrative Room	1	EEE Office Room	24.76	24.76
Administrative Room	1	EEE Meeting Hall	24.76	24.76
Laboratories	1	EEE Lab-III & UPS Room	150.13	150.13
Laboratories	1	EEE Lab-II	131.08	131.08
Laboratories	1	Research Lab	24.76	24.76
<b>Canteen Block (1st Floor)</b>				
Seminar Hall	1	Seminar Hall	413	418
<b>Near Canteen Block</b>				
Laboratories	1	Structural Engineering Lab	139.39	139.39

**Total Area** : **45.27 Acres**  
**Total Builtup space** : **61143.95 Sq.m**

**Criterion IV : Annexure 2 (Refers to 4.1.3)**

The following equipments were purchased/augmented during the past 4 years to match the growth of the college:

Dept.	Year	Equipment Purchased/Augmented	Necessity	Amount Spent in Rs.
Civil	2010-2011	Establishment of Survey Lab	To meet UG course need	8,70,475
EIE		Establishment of Virtual Instrumentation lab with 50 user LABVIEW software and microprocessor and microcontroller lab	To conduct add on courses and to promote research activity.	16,74,483
BT		Laboratory Shaker	To meet PG course Requirement	2,13,750
		Liquid Nitrogen Container		1,68,750
		2-D gel electrophoresis (incl. custom clearance fee)		8,49,475
		Laboratory Shaker	For Promoting Research Activity (Purchased under Research Promotion Scheme)	1,36,750
English		Multimedia kit (DVD Player with Amplifier and speakers)	Change in curriculum (On Introduction of English Language Practical Lab)	18,510
CSE		1GB RAM (DDR2)Qty 34.	Up gradation to the existing system.	35,360
		ID Card Printer	To meet increased intake requirement for printing ID card.	1,07,000
		Core i3 PC Qty-02	To meet increased intake need(Lateral Entry).	40,000
		Computer Rolling Chair Qty-06	To meet increased intake need(Lateral Entry).	13,104
IT		Acer PC (Core 2 Quad/2GB RAM/320 GB HDD/TFT)	To meet the increased intake	13,86,000

			need	
		Server PC	To meet the increased intake need	69,750
<b>ECE</b>		Digital Multimeter – 6 Nos	To improve capacity of DSP Lab & VLSI Lab to meet the increased intake	9,120
		Analog and Digital Trainer		5,200
		20MHz Digital Storage Oscilloscope – 5 Nos		1,05,000
		TLT-B Basic Transmission Line Trainer		22,200
		Intel Core i3 HCL Systems – 40 Nos		13,00,000
<b>ECE</b>	2011-12	Gunn Power Supply	To meet increased intake need.	8,400
		Gunn Oscillator with Micrometer		14,680
		Microwave Power meter with sensor & coaxial to wave Guide Adapter		9,50,000
		Pin Modulator		5,580
		Pin Diode – 3 Nos		2,400
		3/10 MHz Function Generator – 10 Nos		65,000
		Decade Inductance Box – 5 Nos		9,725
		30MHz 2 Channel 2 trace Oscilloscope – 10 Nos		64,350
		Tanner Software – 10 users		5,95,238
		8051 Primer Board – 3 Nos		19,500
<b>EEE</b>		Following equipments purchased for Electrical machines lab: Analog tachnometer Sliding rheostat(various ranges)	To meet curriculum need	53,025 40,267

Chem	2011-2012	Conductivity meter, pH meter, potentiometer, platinum electrodes and calomel electrodes were purchased	To meet increased intake need.	90,000
EIE	2011-2012	Establishment of Transducer lab with Tachometer, UPF wattmeter, Ammeter, Voltmeter	To meet curriculum need	14,931
Physics		Fiber optical kit	To meet Additional Intake requirement	8190
		Digital Ultrasonic Bath	For Promoting Research work	91,600
Civil		Establishment of Concrete and Highway Engineering Lab	To meet UG course need	11,67,294
		Establishment of Soil Mechanics Lab	To meet UG course need	4,40,715
		Establishment of Environmental Engineering Lab	To meet UG course need	4,58,926
BT		Bio-Informatics Lab is formed with HCL computers – 23 nos	To meet the PG course need	4,60,000
		Cooling Centrifuge		7,43,800
		15KVA Stabilizers		1,28,000
English		Sony LCD Projector	To conduct class effectively.	29,483
		Orell Techno System Software	Upgradation of existing Renet Software	2,40,000
CSE		Ground Floor building in Academic Block IV exclusively for CSE (1918 Sq.m)	New setup to meet the additional intake need.	2,11,89,000
		HCL Core i3 PC(2GB RAM/500GB HDD/TFT) Qty-100	New lab setup to meet Additional intake need	20,00,000
		HCL Core i3 PC(2GB RAM/500GB HDD/TFT) Qty-45	New lab setup to meet Additional intake need	9,00,000
		UPS Battery Qty-70	For use in New lab setup to meet Additional intake	3,10,000

CSE			need	
		Online UPS Capacity 15KVA Qty-02	For use in New lab setup to meet Additional intake need	1,42,000
		Online UPS Capacity 20KAV	For use in New lab setup to meet Additional intake need	93,000
		OHP	To meet additional intake need	9,225
		Online UPS Capacity 10KVA	For use in New lab setup to meet Additional intake need	50,000
		HCL Core i3 PC(2GB RAM/500GB HDD/TFT) Qty-43	For use in New lab setup to meet Additional intake need	8,60,000
		Microsoft Win 7 Base License Qty 200	To meet increased intake need	4,20,000
		Upgrading of Existing Cyberoam 500i UTM Firewall	For improved security	1,57,250
		Dot Matrix Printer Qty-06	For use in New lab setup to meet Additional intake need	74,950
		CISCO 2911W Router	For use in New lab setup to meet Additional intake need	77,840
		DELL Power Edge R710 Rack Mount Server	For use in New lab setup to meet Additional intake need	4,95,000
		42U Rack for Server	For use in New lab setup to meet Additional intake need	36,869
		ATEN 8 Port Combo KVM Switch & ATEN 1U Rack Mount 17" LCD Monitor	For use in New lab setup to meet Additional intake need	61,425

	MS Windows 2008 Server License Qty-20 MS Windows Server Standard Edition 2008 Qty-04	For use in New lab setup to meet Additional intake need	35,296
	Red Hat Enterprise Linux Server Standard Licence -02	For use in New lab setup to meet Additional intake need	72,992
	Computer Rolling Chair Qty-146	For use in New lab setup to meet Additional intake need	3,06,600
	24 Port Gigabit Switch Qty-02	For use in New lab setup to meet Additional intake need	35,360
	24 Port Gigabit Switch Qty-08	For use in New lab setup to meet Additional intake need	1,41,440
	HP Switch with Premium Software	For use in New lab setup to meet Additional intake need	67,310
	HP 875W ZL Power Supply Qty-02	For use in New lab setup to meet Additional intake need	44,400
	HP 12-Port Gig Switch	For use in New lab setup to meet Additional intake need	1,08,482
	HP X1211G SFP LC Lx Transceiver Qty-11	Security Purpose	2,10,589
	HP E-MSM765 ZL Mobility Controller	Security Purpose	1,62,750
	HP E-MSM 313 Access Point Qty-15	Security Purpose	3,18,339
	HP 1 Port Power Injector Qty-15	Security Purpose	32,271
	First Floor building in Academic Block IV exclusively for IT (1859 Sq.m)	To meet increased intake need	1,20,58,000
<b>CSE</b>			
<b>IT</b>			

		Desktop PC i3 – 150 Nos	To meet increased intake need	30,00,000
		UPS	To meet increased intake need	1,64,000
		Server Rack	To meet increased intake need	43,424
		Web managed Gigabit Switch	To meet increased intake need	1,59,210
		Jack panel	To meet increased intake need	47,790
		Dot matrix printer-06 Nos	To meet increased intake need	64,050
PT	2011-2012	Gas Chromatography	Research Purpose	12, 00, 000
Civil	2012-13	Establishment of Structural Engineering Lab	To meet newly established PG course need	19,45,020
PT		UV – visible Spectroscopy	Research Purpose	28,00,000
EIE		Third Floor building in Academic Block IV exclusively for EIE (1859 Sq.m)	To meet increased intake need	1,14,95,800
		Level measurement trainer-1,vacuum pressure measurement trainer-1,viscosity measurement trainer-1,pH measurement trainer-1,RTD sensor-1	Industrial Instrumentation lab	86,974
BT		Fluorescence Spectrophotometer	To promote Research activity in BT	8,78,764
		Ultra filtration	For Research purpose (Purchased under MODROBES scheme)	4,24,724
		Photo Bioreactor		7,60,093
English		Windows PC (HCL System)( To act as server to serve the Orell Software)	To meet the increased intake need	20,000
		Head Set	To conduct University Practical	12,857

<b>CSE</b>		Online UPS Capacity 15KVA	To replace the existing one	71,000
		Win 7 OS License Qty 200	To meet increased intake need	4,40,000
		OHP Projector Qty-02	To meet increased intake need	14,999
		LCD Projector Qty-02	To meet increased intake need	58,967
<b>English</b>		HCL System with Window Server 2003 (To install the Orell Software).	To meet increased intake need	20,000
		Head Set	To meet increased intake need	12,857
<b>IT</b>		Server Rack		36,869
		Switch & LCD console		61,425
		Jack panel-5Nos.		23,875
		Gigabit switch 5 Nos.		85,000
		Server PC (Dell Xeon)		4,95,000
<b>ECE</b>		Second Floor building in Academic Block IV exclusively for ECE (1859 Sq.m)	To meet increased intake need	1,12,27,500
		20KVA UPS with 30 batteries		93,000
		MSP430 F5529 Experimenter Board with USB debugger – 2 Nos		48,500
		MSP430F2013 Starter Kit		
		Interfacing Board for Stepper Motor		8,438
		1 MHz Function Generator – 4 Nos		
		30MHz 2 Channel 2 Trace Oscilloscope – 4 Nos		63,384
		Digital IC Trainer Kit 16 Bit – 7 Nos		57,548
		Universal IC Tester		29,000
<b>EEE</b>	2012-13	Following Equipment purchased for LIC Lab: Traffic Light Controller	To meet syllabus requirement	1,244
		Following Equipment purchased for EDC Lab:	To meet change in curriculum need	31,185 70,165

MECH		Dual Rps-5 CRO-5 Thermistor water Bath		5,250
		Fourth Floor building in Academic Block IV exclusively for EEE (1859 Sq.m)	To meet increased intake need	1,33,11,900
	2013-14	Solid Works 2013(Up gradation from version 2009)	To meet the additional intake and Introduction of PG Course	1,12,000
		Automation Studio	Introduction of PG Course	3,36,000
		NX (CAD/CAM/CAE) – 1 user FEMAP NASTRAN – 40 user	As an alternative to ANSYS software since upgrading cost is more than the software cost	5,65,000
		MASTER CAM	To meet the additional intake and Introduction of PG Course	2,45,000
		Dell I3 3 rd Generation 4 GB RAM AMD RADEON Graphics Card 500 GB Hard disk with DVD writer 17 “ monitor- 36 Nos	To meet the additional intake	12,96,000
		HP CP1025 Colour Jet Printer	To meet the additional intake	14,500
		Planer Machine	To meet the additional intake	4,64,100
		8KVA Braze Welding Equipment	To meet the additional intake	55,335
		Equipment to determine strain hardening exponent and strain rate sensitivity index	To meet the requirements of PG Course	2,13,098
		Equipment to construct formability limit diagram	To meet the requirements of PG Course	51,975
		Equipment to determine efficiency in water hammer forming	To meet the requirements of PG Course	61,425
		Equipment of determine interface friction factor	To meet the requirements of PG Course	44,415

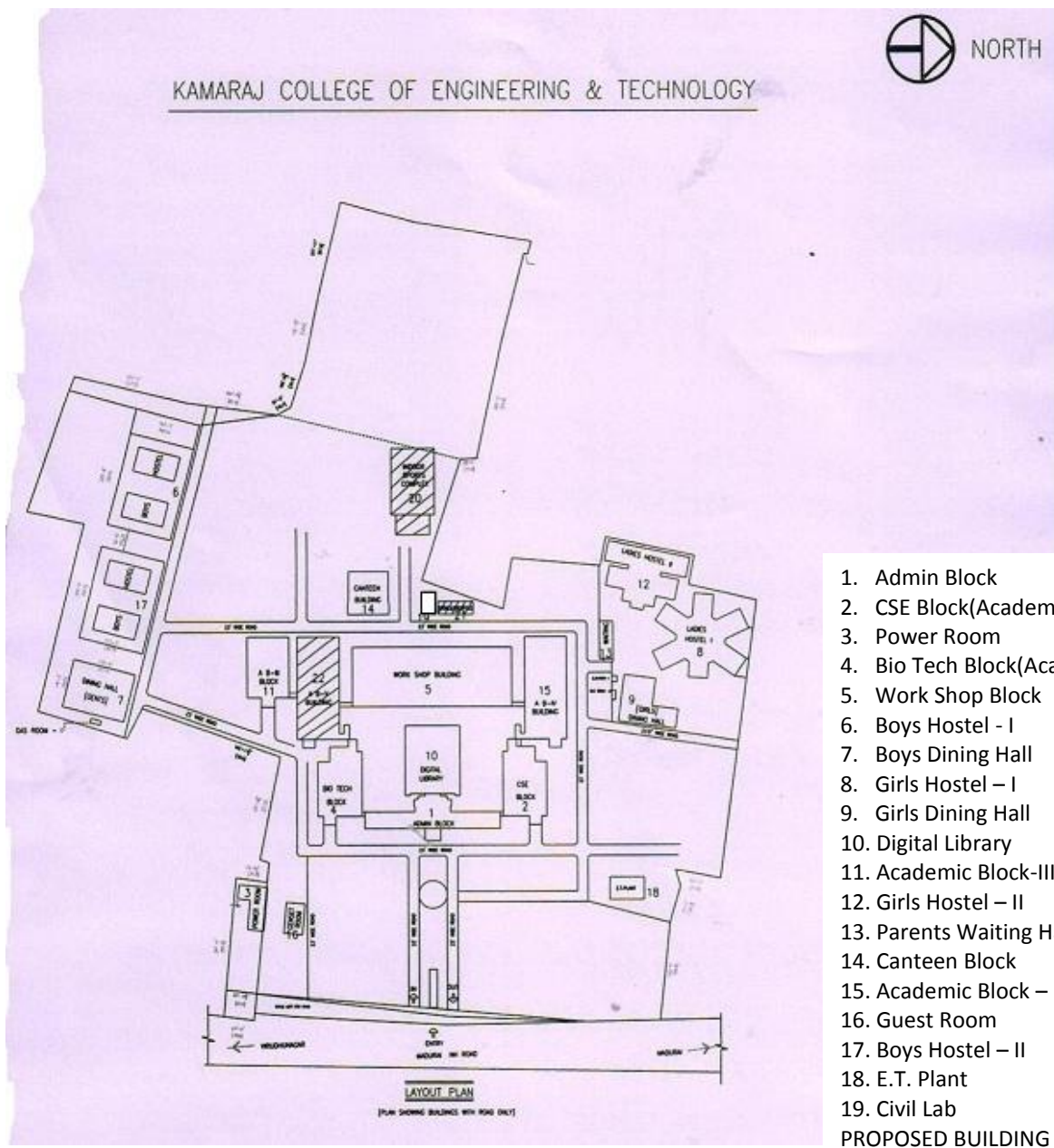
<b>Civil</b>		Equipment to determine extrusion load	To meet the requirements of PG Course	80,325
		Mini Rolling Mill	To meet the requirements of PG Course	2,22,075
		Computer Aided Design and Drawing Lab is Established	To meet increased intake in UG and newly started PG course need	25,00,000
		Charts & Models	To improve the methodology	90,050.00
<b>EIE</b>		XILINX software, NEXYS 3-Spartan FPGA board –degilent-2, Virtex 5 Genesys-1, Tyro Spartan 3 FPGA start kit-12, LABVIEW RIO evaluation kit-5, Vi 2148 ARM evaluation board-4, Load cell trainer module, Photo electric pickup trainer, strain measurement trainer, Digital PID controller trainer, DRB, DCB, LCR meter, Crompton potentiometer, Gauss meter	For use in the VLSI lab for promoting research activity	6,15,981
<b>English</b>		HCL System with Window Server 2003	To install the Orell Software.	20,000
<b>IT</b>		Transceiver -2 nos.	To meet increased intake need.	27,500
		24 port Switch 2Nos		1,11,825
<b>EEE</b>	2013-2014	Following Equipment purchased for Electric Circuits Lab: Dural Trace Oscilloscope-6 Signal generator-2 Regulated Power supply-5 Digital Multimeter-2 LCR meter	To meet Increased Intake need	1,10,250 18,375 23,625 3,780 15,970

		Following Equipment purchased for Microprocessor & Microcontroller laboratory: 8085 MP Kit (5 Nos) 8051 MC Kit (5 Nos) 8251 & 8253 I.B (4 Nos) 8259 I.B (4 Nos) 8279 I.B (4 Nos) 8255 I.B (4 Nos) 8254 I.B (4 Nos) Stepper motor module (4 Nos) Traffic module (5 Nos) ADC (4 Nos) DAC (4 Nos)	To meet Increased Intake need	5,280 7,190 2,300 2,720 3,130 2,720 2,300 3,925 1,290 2,520 2,985
		Following Equipment purchased for M&I lab.: <b>LVDT Kit</b> Bourdon Pressure transducer kit Maxwell's inductance and capacitance bridge kit Schering bridge kit Wheatstone bridge kit Kelvin double bridge kit	To meet Increased Intake need	<b>11,466</b> 13,178  3,938 3,864 3,486 3,013
	EEE	Following Equipment purchased for Electrical Machines Lab: Watt meters, Ammeters, Voltmeters, 2point , 3point starter <b>Digital Tachometers</b>	To meet Increased Intake need	1,36,374 <b>15,750</b>
		Following Equipment purchased for Control Systems Lab: DC Position Control System Transfer Function of 2 Phase AC Servo Motor <b>AC Position Control System</b>	To meet Increased Intake need	37,460 44,950 <b>40,082</b>
		Following Equipment purchased for Electronics Devices Lab: Various ranges of Ammeters, Voltmeters,	To meet Increased Intake need	<b>71,190</b>
	2013-14			

<b>Chem</b>	2013-2014	pH meter, potentiometer and conductivity cells were purchased	Increase in intake	<b>55,000</b>
<b>BT</b>	2013-14	UV-Spectrophotometer Incubator and Shaker Electronic Balance Spinwin Digital pH meter	Funder Research Project: BARC-BRNS, Mumbai-YSRA	4,86,000 2,00,000 80,000 40,000 8,800
<b>ECE</b>	2013-14	8086 Microprocessor Trainer Kit- 10 Nos	To meet Increased Intake need	98,900
		8255 Interface Board-3 Nos		8,160
		8259 Interface Board-3 Nos		8,160
		8251 & 8253 – VBMB – 004-3- Nos		6,900
		2 channel DAC Interface Board – 3 Nos		8,955
		8 channel ADC VBMB – 003 -3 Nos		7,560
		Stepper Motor Controller with motor – 3 Nos		11,775
		DC Motor Speed Measurement & Controller Module – 3 Nos		21,300
		Vector Network Analyzer – 1 set		4,20,000
		Microwave Test Bench X-0 – 3 set		2,08,119
		Microwave Test Bench X-1 – 2 set		1,41,828
		Fiber optic Trainer kit - 5 set		86,250
		Sampling and TDM Trainer Kit – 1		12,750
		PAM/PWM/PPM Modulation and Demodulation Kit – 1		12,750
		Pulse Code Modulation and Demodulation Kit – 1		12,750
		ASK Modulation and Demodulation Kit – 1		10,490
		PSK Modulation and Demodulation Kit -1		11,985

		FSK Modulation and Demodulation Kit -1		15,250
		Data Conditioning and Reconditioning Kit - 1		11,985
		QPSK,DQPSK Modulation and Demodulation Kit – 1		15,500
		Delta, Sigma delta, ADM Modulation and Demodulation Kit – 1		22,480
<b>CIVIL</b>	2014-15	To improve the consultancy needs	Standard Penetration test unit, Soil samplers SBC test unit	1,00,000 75,000 1,50,000
		To improve the software knowledge in civil engineering field	MSP/Primavera software Arc GIS software	1,50,000 1,50,000
		Project and Research work	Cube mould, Cylinder mould and Beam mould	55,200
		Online UPS Capacity 15KVA Qty-02	For use in New lab setup to meet Additional intake need	1,42,000

**Criterion IV : Annexure 3 (Refers to 4.1.3) KCET Master Plan**



1. Admin Block
2. CSE Block(Academic Block-I)
3. Power Room
4. Bio Tech Block(Academic Block-II)
5. Work Shop Block
6. Boys Hostel - I
7. Boys Dining Hall
8. Girls Hostel - I
9. Girls Dining Hall
10. Digital Library
11. Academic Block-III
12. Girls Hostel - II
13. Parents Waiting Hall
14. Canteen Block
15. Academic Block - IV
16. Guest Room
17. Boys Hostel - II
18. E.T. Plant
19. Civil Lab
- PROPOSED BUILDING
20. Indoor Sports Complex
21. Store & Site Office
22. Academic Block - V

**Criterion IV : Annexure 4 (Refers to 4.4.1)**

**FUND ALLOTTED AND UTILIZED FOR MAINTENANCE OF INFRASTRUCTURE FACILITIES**

Item	2010 - 11		2011 – 12		2012 – 13		2013-14	
	Budget	Actual	Budget	Actual	Budget	Actual	Budget	Actual
a. Building	5,90,00,000	4,42,25,341	4,92,00,000	3,77,08,630	4,55,00,000	4,88,25,105	3,25,00,000	5,17,46,340
b. Furniture	25,00,000	21,03,173	15,00,000	11,72,350	25,00,000	39,97,760	15,00,000	34,42,060
c. Equipments	89,40,000	40,00,898	1,38,95,000	39,69,931	83,05,000	48,53,765	85,25,000	75,45,169
d.CSE & IT lab equipments	37,00,000	34,15,412	19,25,000	14,31,075	8,50,000	-	7,50,000	1,79,333
e. Computers	<b>Refer 4.3.4</b>							
f. Vehicles	-	10,85,000	-	36,80,759	-	9,14,497	-	40,30,000

## CRITERION V: STUDENT SUPPORT AND PROGRESSION

### *Criterion V : Annexure – 1 (Refers 5.1.2)*

#### Endowments provided by the Institution

**Table 1: I Year Endowments**

SI No.	Name	Category
1	S.P.G.C. Nagammal Gold Medal Endowment	I Year Best All Rounder
2	Prof.R. Surendran Gold Medal Endowment	First in Technical Communication English
3	Prof.R. Surendran & Sons Gold Medal Endowment	First in English (M.Sc. Software Engineering)
4	P.M.A. Narayana Nadar – Saraswathiammal Centenary 2000 Memorial Gold Medal Endowment	First rank in I Year B.E. Computer Science and Engineering
5	M.S.G. Murugan – Jeeva Gold Medal Endowment	First rank in I Year B.E. Electronics & Communication Engineering
6	Principal Dr.K.Rajakumar & Packialeela Rajakumar Gold Medal Endowment	First rank in I Year B.E. Electronics & Instrumentation Engineering
7	V.M.A.R. Thanapalan – T. Dhanalakshmi Endowment Gold Medal Endowment	First rank in I Year B.Tech. Polymer Technology
8	S. Mariappa Nadar – M. Packialakshmi Ammal Memorial Gold Medal Endowment	First rank in I Year B.Tech. Information Technology
9	V.V.S. Pandurangan – Bala Saraswathi Ammal Gold Medal Endowment	First rank in I year B.E. Electrical & Electronics Engineering
10	Jamnagar O.T.A.V. Nagarathina Nadar – N. Manoranjeetham Gold Medal Endowment	First rank in I Year B.Tech. Bio-Technology
11	KCET STAFF CLUB – 2006 Gold Medal Endowment	First rank in I year B.E. Mechanical Engineering
12	KCET STAFF CLUB – 2004 Gold Medal Endowment	First rank in I year M.Sc. Software Engineering
13	Sv.P.S.P. Rajeshwari Gold Medal Endowment	First rank in I year Civil Engineering
14	A.S.K.S. Thangarajan-Sakunthala Devi Gold Medal Endowment	First rank in I year Computer Science and Engineering 'B' Section
15	T.Ramachandran- R. Mareeswari Gold Medal Endowment	First rank in I year B.E. Mechanical Engineering – B section

**Table 2:II Year Endowments**

SI No.	Name	Category
1	V.M. Gnanasabapathy – Saraswathiammal Gold Medal Endowment	II Year Best All Rounder
2	M.Duraipandian and M.Karuppiah Memorial Gold Medal Endowment	First in II Year Computer Science and Engineering

3	Kaki Nada Kodangi K. Dhasaradha Nadar – Kasthuri Ammal Gold Medal Endowment	First in II Year Electronics & Communication Engineering
4	Prof.R. Surendran – S. Vasuki Gold Medal Endowment	First in II Year Electronics & Instrumentation Engineering
5	S. Chidambaram – Thenammal Memorial Gold Medal Endowment	First in II Year Polymer Technology
6	S.P. Thaayammal Gold Medal Endowment	First in II Year Information Technology
7	Calcutta P. Bose – Janaki Gold Medal Endowment	First in II Year Electrical & Electronics Engineering
8	Prof. Damayanti Rajadurai, M.A., Gold Medal Endowment	First in II Year Bio-Technology
9	V.V. Dhanushkodi Nadar Gold Medal Endowment	First in II Year Mechanical Engineering
10	Theni A.M.R. Rathinasabapathy – Sakunthala Gold Medal Endowment	First in II Year M.Sc. Software Engineering
11	V.N.R.T. Gurusamy Nadar – Rajammal Memorial Gold Medal Endowment	First in II Year Civil Engineering
12	M.S.Balasubramanian-B.Banumathi Memorial Gold Medal Endowment	I rank in II Year ECE 'B'
13	M.S.Balasubramanian-B.Banumathi Memorial Gold Medal Endowment	I rank in II Year CSE 'B'

**Table 3:III Year Endowments**

SI No.	Name	Category
1	K.C.S.K. Ravindran – R. Meena Gold Medal Endowment	III Year Best All Rounder
2	A.S.K.A. Mariappa Nadar – Balammal Gold Medal Endowment	First in III Year Computer Science and Engineering(A Sec)
3	A. Rajalakshmi Ammal – Ayyemperumal Nadar Gold Medal Endowment	First in III Year Electronics & Communication Engineering
4	C.V. Dhanabalan Gold Medal Endowment	First in III Year Information Technology
5	N.G. Vishnu Rajan Gold Medal Endowment	First in III Year Electrical & Electronics Engineering
6	G. Subramanian & Brothers Chennai Gold Medal Endowment	First in III Year Bio – Technology
7	KCET Site Engineer Mr. P. Madasamy, L.C.E. Memorial Gold Medal Endowment	III Year Civil Engineering
8	P.M.S.P. Nagasamy - Janaki Gold Medal Endowment	First in III Year Computer Science and Engineering (B Sec)
9	Kamaraj College of Engineering & Technology Managing Board Gold Medal	First in III Year Electrical & Instrumentation Engineering
10	Kamaraj College of Engineering & Technology Managing Board Gold Medal	First in III Year Polymer Technology

11	Kamaraj College of Engineering & Technology Managing Board Gold Medal	First in III Year Mechanical Engineering
12	Mr. P.Madasamy, Site-Engineer of KCET Gold Medal Endowment	First in III Year Civil Engineering

**Table 4:IV YEAR Endowments**

SI No.	Name	Category
1	M.Nagarajan - N.Asha Devi in Memory of V.P.S.A. Sundara Nadar Gold Medal Endowment	IV Year Best All Rounder
2	G.Nagamani Memorial Gold Medal Endowment	First in IV Year Computer Science and Engineering
3	Rathina Nadar Pushpammal Gold Medal Endowment	First in IV Year Electronics & Communication Engineering
4	Kalimark Sri.K.P. Ganesan Memorial Gold Medal Endowment	First in IV Year Electronics & Instrumentation Engineering
5	V.P.M. Amirthalingam - A. Jothi Ammal Gold Medal Endowment	First in IV Year Polymer Technology
6	V.P.S.A. Sundara Nadar Gold Medal Endowment	First in IV Year Information Technology
7	V.M.K. Chinnapalam - C. Nagarathinam Gold Medal Endowment	First in IV Year Electrical & Electronics Engineering
8	V.P.S.A. Paramasiva Nadar - Thillai Sivakami Ammal Gold Medal Endowment	First in IV Year Biotechnology
9	K.S.S. Ayyasamy - Poornammal Gold Medal Endowment	First in IV Year Mechanical Engineering
10	P.M.S.P. Nagasamy - Janaki Gold Medal Endowment	First in IV Year M.Sc. Software Engineering
11	K.S.S. Ayyasamy - Poornammal Gold Medal Endowment	First in IV Year Civil Engineering
12	T.C.S.P.Seeniapanadar-Thamayanthi son T.C.S.P.S. ramanoorthy- Seethalakshmi Gold Medal Endowment	First in IV Year Mechanical Engineering – B section

**Endowment for M.Sc. Vth year**

T.R. Thomas Nadar Gold Medal Endowment for First in V Year M.Sc. Software Engineering

**Best All Round NCC Cadet Endowments**

Theni.M.S.Gurusamy - M.S.G.Thangammal Endowment

**Table 5:Gold medals endowment (2009-2010)**

Batch	Year	2008	I	2007	II	2006	III	2005	IV	2004	V	Total
CSE		1		1		1		1		-		4
ECE		1		1		2		1		-		5
EIE		2		1		1		1		-		5
PT		1		2		1		1		-		5
IT		2		1		1		1		-		5
EEE		1		2		1		1		-		5
BT		1		1		1		2		-		5
MECH		1		1		1		1		-		4
MSC		2		1		1		1		1		6

**Table 6:Gold medals endowment (2010-2011)**

Batch	Year	2009	I	2008	II	2007	III	2006	IV	2005	V	Total
CSE		2		1		1		1		-		5
ECE		2		1		1		1		-		5
EIE		1		1		1		1		-		4
PT		1		1		2		1		-		5
IT		1		1		1		1		-		4
EEE		1		2		1		2		-		6
BT		1		2		1		1		-		5
MECH		1		1		1		1		-		4
CIVIL		2		-		-		-		-		2
MSC		2		1		1		1		1		6

**Table 7:Gold medals endowment (2011-2012)**

Batch	Year	2010	I	2009	II	2008	III	2007	IV	2006	V	Total
CSE		2		2		1		1		-		6
ECE		3		1		1		1		-		6
EIE		1		1		1		1		-		4
PT		1		1		1		2		-		5
IT		1		1		1		1		-		4
EEE		1		1		1		1		-		4
BT		1		2		2		1		-		6
MECH		1		2		1		1		-		5
CIVIL		1		1		-		-		-		2
MSC		-		-		1		1		1		3

**Table 8:Gold medals endowment (2012-2013)**

Batch	Year	2011	I	2010	II	2009	III	2008	IV	2007	V	Total
CSE		3		2		3		1		-		9
ECE		2		1		1		1		-		5
EIE		1		1		1		1		-		4
PT		1		1		1		1		-		4
IT		2		1		1		1		-		5
EEE		1		2		1		1		-		5
BT		1		2		2		2		-		7
MECH		1		1		1		2		-		5
CIVIL		1		2		1		-		-		4
MSC		-		-		-		1		1		2

**Table 9:Gold medals endowment (2013-2014)**

Batch	Year	2012	I	2011	II	2010	III	2009	IV	2008	V	Total
CSE		2		3		2		2		-		9
ECE		3		3		2		1		-		9
EIE		1		1		1		1		-		4
PT		1		1		1		1		-		4
IT		1		1		1		1		-		4
EEE		3		1		1		1		-		6
BT		3		2		1		2		-		8
MECH		2		2		1		1		-		6
CIVIL		1		1		1		1		-		4
MSC		-		-		-		-		1		1

**Criterion V : Annexure 2 (Refers 5.1.4)****Table 10: English training**

Batch	Year	Activity	Number of Students Attended
2009-2013	2011-2012	English Lab ( 4 hours per week)	130
2009-2013	2012-2013		129
2010-2014	2011-2012		137
2010-2014	2012-2013		141
2010-2014	2013-2014		139
2011-2015	2012-2013		141
2011-2015	2013-2014		762

**Table 11: Lab View Academy & Core 1 & 2 training**

Sl. No.	Year	Activity	NO. of Students Attended
1.	2010-11	Fourth National Conference on Intelligent Computing & Automation	195
2.	2011 - 12	Lab View Core 1 & Core 2 at Bangalore	3
		Three days training on LabVIEW Core1	37
		Two days training on LabVIEW Core2	33
		3 days training on "LabVIEW Core1"	26
		Fifth National Conference on Intelligent Computing & Automation	201
3	2012 - 13	Lab View Core 1 in KCET, Virudhunagar.	15
		5 days training on "LabVIEW Core1 & Core2"	22
		5 days training on "LabVIEW Core1 & Core2"	31
		3 days training on "LabVIEW Core1"	28
4	2013-14	Kamaraj College of Engineering and Technology at Virudhunagar inaugurated <b>Society of Automotive Engineers</b> (SAE) India Collegiate club on 22/01/2013. The chief guest Er. K.Srikanth Director, ALFA Rubber and Springs (P) Ltd., member and Vice Chair of SAE Southern Section inaugurated the club.	50
		One Day Workshop on Rapid Prototyping at PSG College of Technology, Coimbatore. (Tentative date is 28/02/2014) (Waiting for approval)	40
		Planned to invite Mr. Pavithiran Chairman of Motorindia association for Guest Lecture on the topic of Race Car (Tentative date is 3 <sup>rd</sup> week of March/2014) (Waiting for approval)	180
		Inauguration of NI LabVIEW Academy and LabVIEW club	191
		Three days training programme on LabVIEW core -1	87

**Table 12: Hindi training**

Sl. No.	Year	Activity	Number of Students Attended
1	2009-2010	Hindi class	300
2	2010-2011		420
3	2011-2012		325
4	2012-2013		463
5	2013-2014		615

**Table 13: Aptitude, Technical & Tutorial training**

Sl. No.	Year	Activity	Number of Students Attended
1	2009-10	Aptitude, Verbal ability, Reasoning, Technical & Tutorial classes	300
2	2010-11		420
3	2011-12		325
4	2012-13		463
5	2013-14		1165

**Table 14: Infosys Campus Connect:**

S. No.	Department	Year	No. of students attended
1	CSE	2011-2012	110
2		2012-2013	22
3		2013-2014	310

**Table 15: CLHRD: (01/07/13 TO 10/07/13)**

S. No.	Department	Year	Batch	No. of students attended
1	CSE	2013-2014	2012-2016 Batch (IIInd Year Students only)	120
2	ECE			120
3	EIE			58
4	PT			24
5	IT			55
6	EEE			116
7	BT			58
8	MECH			60
9	CIVIL			61
TOTAL				672

**Criterion V : Annexure 3 (Refers 5.1.4)**

**Table 16: Counseling & Reappearance Coaching**

Sl. No.	Department	Year	Activity	Number of Students Attended
1.	CSE	2011-12	Arrear Coaching	133
		2012-13	Arrear Coaching	14
		2013-14	Arrear Coaching	152
2.	ECE	2011 - 12	Coaching Class & Retest	20
		2012 – 13	Coaching Class & Retest	12
		2013-14	Coaching Class & Retest	68
3.	EIE	2008-2009	Counseling and motivation	190
4.		2009-2010	Counseling and motivation	65
5.		2010-2011	Counseling and motivation	64
6.		2011-2012	Counseling and motivation	200
			Coaching Class	45
7.		2012-2013	Counseling and motivation	64
			Coaching Class	40
		2013-2014	Counseling and motivation	10
			Coaching Class	40
8.	PT	2008-09	Coaching Classes and Retest.	12
9.		2009-10	Coaching Classes and Retest	12
10.		2010-11	Coaching Classes and Retest	10
11.		2011-12	Coaching Classes and Retest	11
12.		2012-13	Coaching Classes and Retest	12
		2013-14	Coaching Classes and Retest	12
13.	IT	2012-13	Coaching class	59
		2013-14	Coaching class	27
14.	EEE	2008-09	-	-
15.		2009-10	Counseling and motivation	16
16.		2010-11	Counseling and motivation	13
17.		2011-12	Counseling and motivation	15
		2013-14	Counseling and motivation	273
18.	BT	2011-12	Arrear Coaching	45

19.		2012-13	Arrear Coaching	12
20.		2013-14	Arrear Coaching	48
21.	MECH	2011-2013	Arrear Coaching class (4 hours per week)	22
22.		2012-2013	Arrear Coaching class (4 hours per week)	18
23.		2013-2014	Arrear Coaching class	112
24.	CIVIL	2012-2013	Arrear Coaching class (5 hours per week)	27
25.		2013-14	Counseling	40

**Criterion V : Annexure 4 (Refers 5.1.9)**

**Table 17: Pre-Placement Training (Consolidated Report) (2009-2013)**

Year	Area	Number of Trainings	Number of Students	Company
2009-2010	Business Communication Skills	1	480	CLHRD, Mangalore
	Aptitude	1	489	Dr.Sekar free lancer
	Soft Skills	1	480	Mafoi Academy, Chennai
	Attitudinal and Study skills training	-	-	-
	<b>Total</b>	<b>3</b>	<b>1449</b>	-
2010-2011	Business Communication Skills	1	480	RS Tech, Madurai
	Aptitude	1	480	SMART, Chennai
	Soft Skills	2	480	Fresher's World & Jaycees
	Attitudinal and Study skills training	1	480	IMS, Madurai
	<b>Total</b>	<b>5</b>	<b>1920</b>	-
2011-2012	Business Communication Skills	-	-	-

	Aptitude	2	480	SMART, Chennai
	Soft Skills	1	480	Mafoi Academy, Chennai
	Attitudinal and Study skills training	1	612	Work senses, Chennai
	<b>Total</b>	<b>4</b>	<b>1572</b>	-
2012-2013	Business Communication Skills	-	-	-
	Aptitude	2	612	SMART, Chennai
	Soft Skills	1	612	IMS, Madurai
	Attitudinal and Study skills training	1	2014 Batch 2015 Batch	CLHRD, Mangalore
	<b>Total</b>	<b>5</b>	<b>1224</b>	-
2013-14	Business Communication Skills	1	767	KCET Staff
	Aptitude	1	656	SMART, Chennai
	Programming skills	1	458	Find Mind, Chennai
	Skill Development Programme	1	764	KCET Staff
	<b>Total</b>	<b>3</b>	<b>2645</b>	-

**Table 18: Unique features of Placement Cell / Assistance Provided**

Sl. No.	Feature	Activity
	Campus Connect Programme in association with Infosys. Well qualified training and placement officer, Well-equipped rooms, Placement hour in regular time table, Clerical assistant, Placement cell maintains database of companies and of students who have got placed.	<ol style="list-style-type: none"> <li>1. Training Program for Students <ol style="list-style-type: none"> <li>a. Technical</li> <li>b. Soft skills</li> </ol> </li> <li>2. FDP <ol style="list-style-type: none"> <li>a. Technical</li> <li>b. Soft skills</li> </ol> </li> <li>3. Webinars on latest topics.</li> </ol>

**Table 19:** Compulsory Pre-Placement Training / Workshops for Students

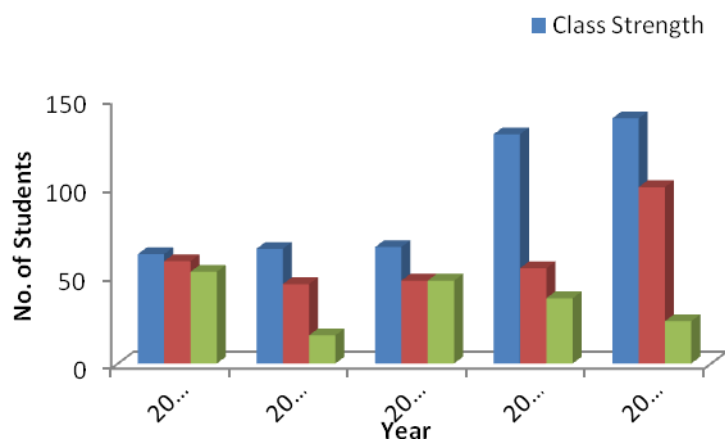
Year	Skills	No. of Students
2009-2010	-	-
2010-2011	-	-
2011-2012	Aptitude	368
	Soft Skills	368
	Technical	368
	<b>Total</b>	<b>1104</b>
2012-2013	Aptitude	205
	Soft Skills	205
	Technical	205
	<b>Total</b>	<b>615</b>
2013-2014	Aptitude	213
	Soft Skills	213
	Technical	213
	<b>Total</b>	<b>639</b>

**Table 20: Placement Details (Consolidated)**

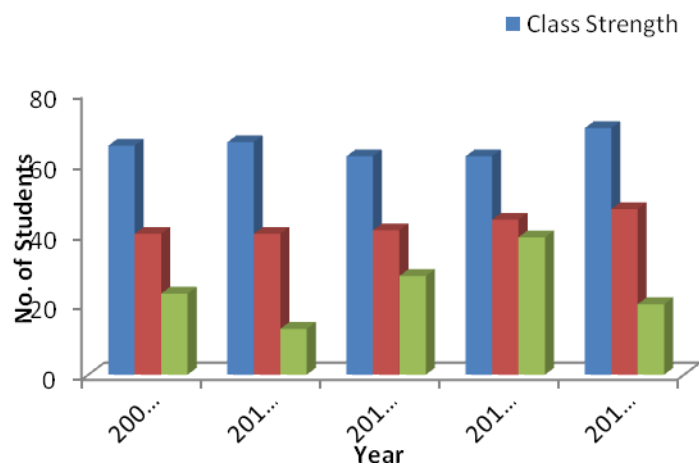
Department	Category	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
CSE	Class Strength	62	65	66	130	139
	Eligible & Interested Number	58	45	47	54	100
	Placed	52	16	47	37	24
IT	Class Strength	65	66	62	62	70
	Eligible & Interested Number	40	40	41	44	47
	Placed	23	13	28	39	20
ECE	Class Strength	61	66	65	63	70
	Eligible & Interested Number	45	40	50	40	46
	Placed	38	34	18	40	28
EEE	Class Strength	67	60	65	65	68
	Eligible & Interested No.	30	30	45	54	45
	Placed	14	14	19	31	09

EIE	Class Strength	64	65	65	64	72
	Eligible & Interested Number	30	40	44	34	40
	Placed	09	24	22	14	12
PT	Class Strength	27	24	30	48	41
	Eligible & Interested Number	23	24	28	28	18
	Placed	19	21	26	19	06
BT	Class Strength	52	63	61	60	56
	Eligible & Interested Number	15	38	53	43	42
	Placed	01	23	25	17	18
MECH	Class Strength	32	30	33	65	71
	Eligible & Interested Number	20	25	19	38	49
	Placed	03	23	18	24	16
CIVIL	Class Strength	NA	NA	NA	64	70
	Eligible & Interested Number	NA	NA	NA	48	34
	Placed	NA	NA	NA	14	06

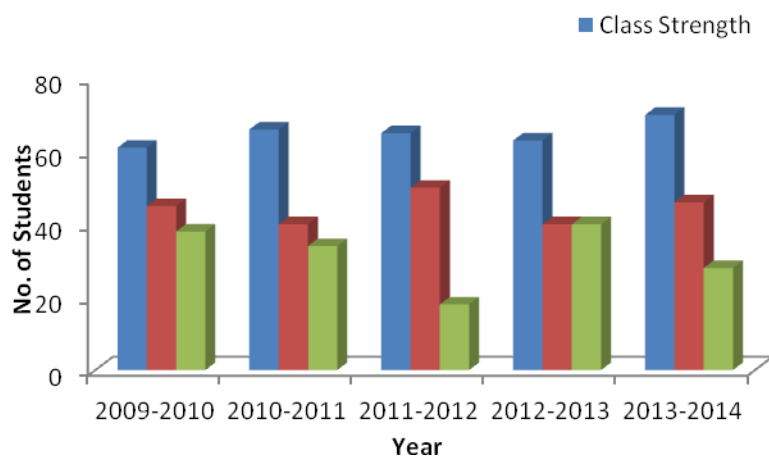
### Department of Computer Science



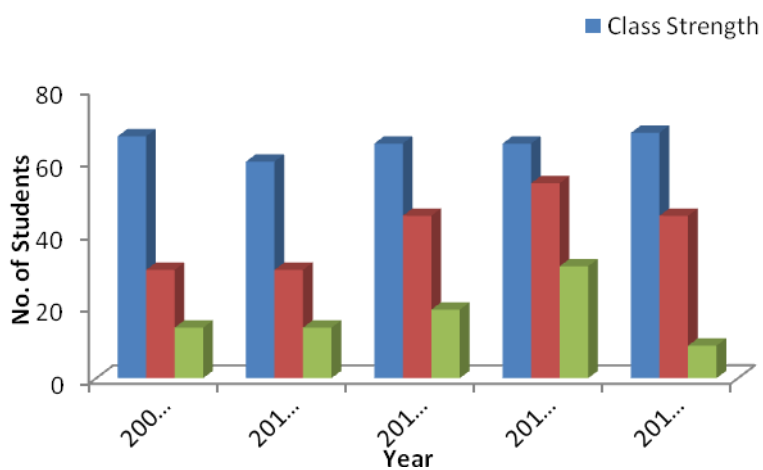
## Department of Information Technology



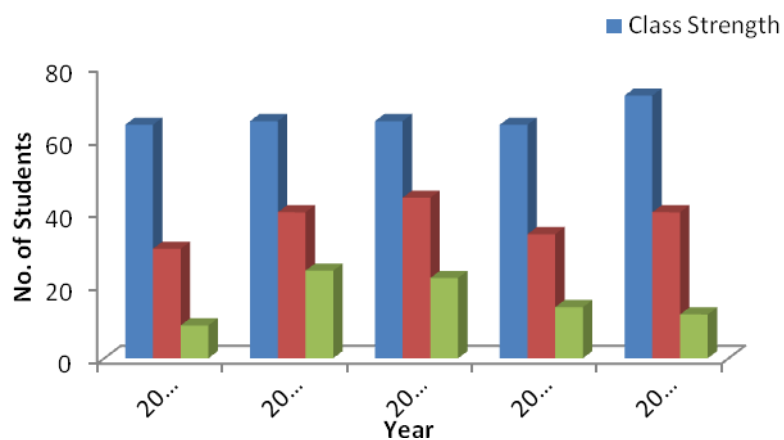
## Department of Electronics & Communication Engineering



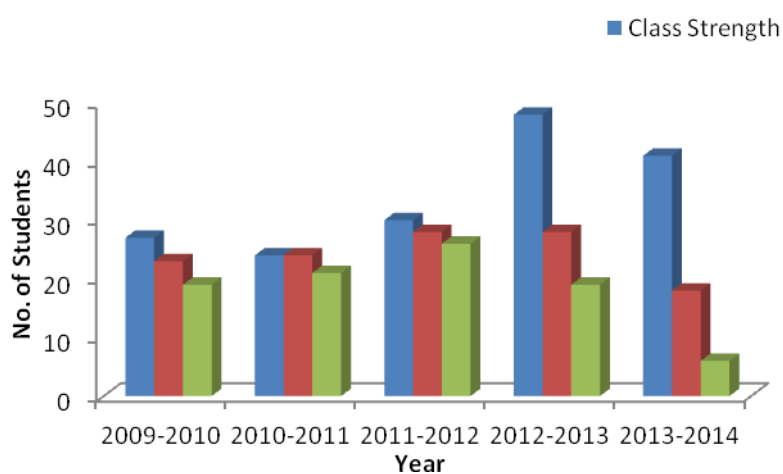
## Department of Electrical & Electronics Engineering



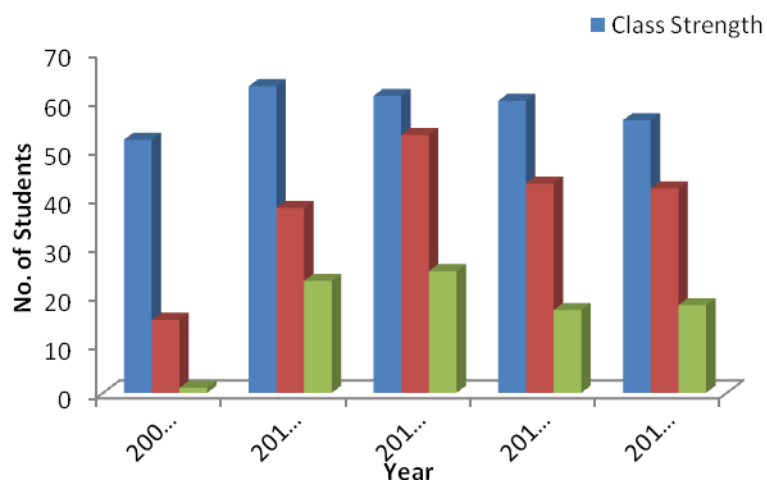
## Department of Electrical & Instrumentation Engineering



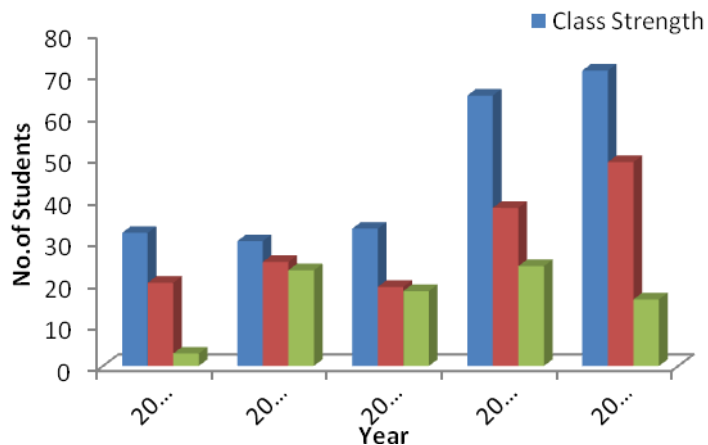
## Department of Polymer Technology



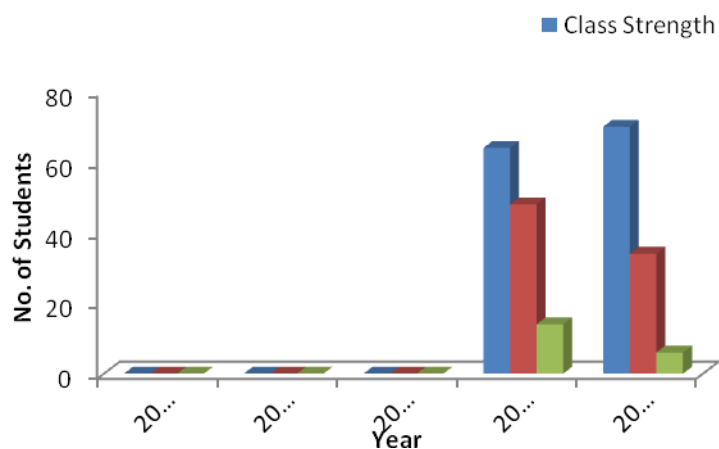
## Department of Biotechnology



## Department of Mechanical Engineering



## Department of Civil Engineering



**Table 21: Placement Statistics for the PG Program (Consolidated Report)**

Category	2009-2010	2010-2011	2011-2012	2012-2013	2013-2014
Total Strength	NA	19	20	27	18
Eligible No	NA	19	20	25	12
Placed	NA	10	10	5	01

**Criterion V : Annexure 5 (Refers 5.1.10)**

**Complaints cum Redressal committee members(2013 -2014)**

**CO-ORDINATOR** :Dr.K. Thanalakshmi, Associate Professor / Maths

**OUTSIDE ACTIVIST** :Mrs.R. Premavathy, M.Sc., M.Ed.,  
Maths Assist.,  
P.S. Chidambara Nadar Senior English School,  
Virudhunagar.

**STAFF MEMBERS**

1. Mrs. T. Manonmani, Asst. Professor / CSE
2. Mrs.J. Ganga Devi, Asst. Professor / ECE
3. Mrs.M. Raja Gomathi, Asst. Professor / EIE
4. Mr.A. Murugesan, Asst. Professor / PT
5. Mr.N.Senthilmadasamy, Asst. Professor / IT
6. Mrs.K. Muthulakshmi, Asso. Professor / EEE
7. Dr. Shyamkumar, Professor / BT
8. Mr. J. Ramesh, Asst. Professor / Mech.
9. Ms.T. Meena, Asst. Professor / Civil
10. Ms.D. Vijayalakshmi, Associate Professor / SE
11. Dr.T. Dhanalakshmi, Associate Professor / Chemistry
12. Dr.A. Yelilarasi, Associate Professor / Physics
13. Dr.N.Sundararajan, Associate Professor / English

**STUDENT MEMBERS**

- |     |                       |   |             |
|-----|-----------------------|---|-------------|
| 1.  | Ms. Kanchana Devi     | - | IV CSE      |
| 2.  | Mr.Saravanakumar      | - | IV CSE      |
| 3.  | Mr.M. Anandamoorthi   | - | IV ECE      |
| 4.  | Ms.N. Dhivya          | - | IV ECE      |
| 5.  | Mr. Cibiraj           | - | IV EIE      |
| 6.  | Ms. Vishali           | - | III EIE     |
| 7.  | Mr.S. Mathan Mukesh   | - | III PT      |
| 8.  | Ms.S. Sowmiya         | - | II PT       |
| 9.  | Mr.K. Mano Ganesh     | - | III IT      |
| 10. | Ms.R. Muthu Meenakshi | - | IV IT       |
| 11. | Mr.Balamurugan        | - | III EEE - B |
| 12. | Ms. Shunmugapriya     | - | III EEE - A |
| 13. | Mr.S. Parameswaran    | - | V M.Sc.     |
| 14. | Ms.K. Pavithra        | - | V M.Sc.     |
| 15. | Mr.V.C. Venkat        | - | IV Mech.    |
| 16. | Mr. Amudhan           | - | III Mech.   |
| 17. | Mr. Thiagarajan       | - | IV Civil    |
| 18. | Ms. Ramya             | - | IV Civil    |
| 19. | Mr. Seshan            | - | IV BT       |
| 20. | Ms.Soundarya Priya    | - | III BT      |
| 21. | Ms. V. Raashmi        | - | I IT        |
| 22. | Mr.K. Karthikeyan     | - | I ECE - A   |

**Criterion V : Annexure 6 (Refers 5.1.12)****Table 22: ANTI RAGGING COMMITTEE**

S. No	Name	Designation	Contact No.	Mail ID
1.	Dr. Anant Achary	Principal	09486823312	achyanant@yahoo.com

**Nodal officer**

1.	Dr.K. Thanalakshmi	HOD / Maths Deputy Warden / Girls Hostel	9442326977	thanalakshmi_kasi@yahoo.co.in
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**Members of Monitoring Cell****Academic Block - I**

1.	Dr.K. Balachandra Kumar	HOD / Physics	9486963247	dkbaldr@rediffmail.com
2.	Dr.B. Karthikeyan	Co-ordinator/ I Year	9843566445	karthi.madhubalan@gmail.com

**Academic Block - II**

1.	Mr.S. Gandhi	HOD / PT	9443413431	gandhi_as@rediffmail.com
2.	Dr.S. Kalyani	HOD / EEE	9443726963	skalyani.mdu@gmail.com

**Academic Block - III**

1.	Dr.T. Dhanalakshmi	HOD/Chemistry	9788902451	mtddhanalakshmi@gmail.com
2.	Dr. R. Lakshmi	HOD / Civil	9443731155	lakshmiciv@gmail.com
3.	Dr. N. Pratheebea	HOD / English	9486286491	pratheebea.bose@yahoo.com

**Academic Block - IV**

1.	Dr. R. Muthuselvi	HOD / CSE	9443829654	mselvi17@yahoo.co.in
2.	Er. R. Alageswaran	HOD / IT	9787715335	alageswaranr@yahoo.com
3.	Mr.G. Dhanabalan	HOD / EIE	9894955190	dhanabalang@yahoo.com

**Canteen Block**

1.	Mr. T. Pushparaj	Director / Physical Education	9994530375	pushparajkcet@gmail.com
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**Boys Hostel**

1.	Mr.R. Siddharthan	AP / Mech	9865299491	siddharth_022@yahoo.co.in
2.	Mr.S. Manibalan	AP / BT	7373237303	manebalan@gmail.com

**Girls Hostel**

1.	Ms.B. Krishnalakshmi	AP / CSE	9486245169	sivakanaga_m@yahoo.com
2.	Ms.V. Kohila	AP/Chemistry	8883127747	kohilavenkatraman2011@gmail.com
3.	Ms.B. Sathyapriya	AP / Civil	9597745959	jansy18@gmail.com
4	Ms.S. Priyadharsini	AP / CSE	9786049066	priyadharshiniog@gmail.com

**Anti Ragging Squad Leaders**

1.	<b>Academic Block - I</b> Dr.M. Vasanthi	HOD / BT	9345256476	vasanthimadurai@gmail.com
2.	<b>Academic Block - II</b> Dr. S. Vinayagamoorthy	Professor / PT	9486314670	kcet_vinayagamoorthy@yahoo.com
3.	<b>Academic Block - III</b> Dr.A. Asha	HOD /MECH	9994167508	ashaa200@yahoo.co.in
4.	<b>Academic Block - IV</b> Dr.M. Sundaram	HOD / ECE	9443086948	cm_sundaram2001@yahoo.co.in
5.	<b>Canteen Block</b> Mr. D. Sudarsan	Placement officer	9442325070	talk2sudarsan@gmail.com
6.	<b>Boys Hostel</b> Mr.K. Rathinakumar	HOD / M.Sc., Deputy Warden / Boys Hostel	9894277326	Rathinakumar.kcet@gmail.com
7.	<b>Girls Hostel</b> Ms.G. Jameena	AP/IT/Hostel Suprintentent	9789592456	jameena_it@rediffmail.com

**Student members**

1.	Ms.Kanchana Devi	IV CSE
2.	Mr.Seshan	IV BT
3.	Mr.Balamurugan	III EEE - B
4.	Ms.S.Sowmiya	II PT
5.	Ms.V.Raashmi	I IT
6.	Mr.K.Karthikeyan	I ECE - A

**Non Teaching Staff**

1. Mr. R. Muthuvel, Public relation officer
2. Mr. M. Rajesh, Office Manager

**Civil and Police Administration**

1. Mr. D.S.Palanivel, 14<sup>th</sup> Ward Councilor - 7639307639
2. Mrs. J. Devaki, Virudhunagar Municipal Council, 29<sup>th</sup> ward – 9790446999

**Local Media**

1. Mr. Ganesh Nath, Newspaper / Local TV, Makkal Kural - 9843271707
2. Mr. R.Maheshwari, Viruthai Malar – 9842543498

**Non Government Organization**

1. Rtn. M.V.R.R.Manickavel, B.Sc., Rotary Elite, Virudhunagar - 9655218631
2. Rtn. G.Ashok, Rotary Elite, Virudhunagar – 9843046803

**Parents**

1. Mrs. A.Mohini - 9488001807 (Y.Raja Varshini - IV CSE)
2. Mr. N.Muthukumar - 9843046803 (M.Vikram – II CSE)
3. Mrs. R.Karpagam - 9894054623 (R.Praveen – I Civil)
4. Mr. S.K.Venkataraman - 9442997397 (V.Raashmi – I IT)

**ANTI RAGGING TOLL FREE HELP LINE NO: 1800 - 180 – 5522**

**Criterion V : Annexure 7 (Refers 5.3.1)****Extracurricular Activities – Sports:**

**Table 23: ACHIEVEMENTS IN ANNA UNIVERSITY 10TH ZONE GIRLS TOURNAMENTS - 2009-2010**

S.No	Name	Game/Event	Venue	Achievement
1 2 3	R.Vaishnavi M.Suguna P.Chris Diana	X – Zone Table Tennis –Women 20.08.2009 & 21.08.2009	Dr.Sivanthi Adithanar college of Engineering, Tiruchendur	Winner
1	V.T.Dilip Sakeran P.Ajay Eswar S.Ganesh Paramasivan M.Ayyappan J.Eugene sam Jacob	X – Zone Badminton –Men 20.08.2009 & 21.08.2009	Dr.Sivanthi Adithanar college of Engineering, Tiruchendur	Winner
1 2 3 4 5 6 7 8	A.MuthuAbinaya M.Jeeva Nandhini S.Asvena M.Eswari A.Krishnapriya A.Annie Jovitha S.Kannika Parameswari R.Suba	X – Zone Volley ball - Women	Dr.G.U.Pope Engineering college, Sawerpuram	Winner

9	S.Saranya			
10	S.Sheela			
1	D.Subasini	X- Zone	Kamaraj college of	Winner
2	S.Tharanya	Ball Badminton-	Engineering and	
3	R.Karpagam	Women	Technology,	
4	C.Kiruthika		Virudhunagar	
5	A.Nathira Banu	10.08.2009 &		
6	R.Ramya	11.08.2009		
7	S.K.S.Radha Gowri			
8	R.Revathi			
1	V.Jaya Gowri	X- Zone Basketball –	Kamaraj college of	Third
2	K.G.Javitha	Women	Engineering and	
3	P.Chris Diana		Technology,	
4	G.Nivedhidha	10.08.2009 &	Virudhunagar	
5	S.Tharanya	11.08.2009		
6	A.Muthu Abinaya			
7	M.Jeeva Nandhini			
1	S.Singamuthu	X- Zone	Jeyaraj	Runner
2	S.Siva	BallBadminton-Men	Annapackiam	
3	C.Veerabahu		Engineering	
4	V.Sankarakumar	10.08.2009 &	college,	
5	A.Manoharan	11.08.2009	Nazareth	
6	C.B.Indrajith			
7	R.Chandra sekara Pandian			
8	N.Gowtham Govind			

**Table 24:ACHIEVEMENTS IN ANNA UNIVERSITY 10TH ZONE BOYS TOURNAMENTS - 2009-2010**

S.No	Name	Game/Event	Venue	Achievement
1	J.Joshuva Gnanadurai	X – Zone Chess	Infant Jesus college of	Winner
2	P.Ragavendran	Men	Engineering,	
3	C.Dhanasekara		Keelavalanadu	
4	Pandian	11.08.2009 to		
5	V.M.RajMohan	13.08.2009		
6	G.Lenin Kumar			
	V.M.Vinoth Kumar			
1	M.Shobana	X- Zone	P.S.R.Engineering	Winner
2	S.Murugeshwari	Badminton	college,Sevelpatti	
3	R.Karpagam			
4	N.Poongodi	09.09.2009 &		
		10.09.2009		
1	S.Singamuthu	X – Zone Tennis	G.U.Pope college of	Third
2	C.Veerabahu		Engineering,Sawerpuram	
3	V.Sankar	04.09.2009 to		
4	J.Eugene Sam Jacob	06.09.2009		
1	J.Eugene Sam Jacob	X- Zone	Dr.Sivanthi Adithanar	Triple Jump-
		Athletics-men	college of Engineering,	Silver
			Tiruchendur	High jump-Silver

2	T.Muthukumar	11.09.2009 to 13.09.2009		200m-Silver 400m Gold
3	R.Jayanant			Polevault- Bronze
1	J.Anusuya devi	X- Zone Athletics-Women  11.09.2009 to 13.09.2009	Dr.Sivanthi Adithanar college of Engineering, Tiruchendur	Discus-Gold
2	S.Tharanya			Hammer,Javelin- Gold Discus, Shotput- Silver
3	M.Sumitha			Triple jump- Gold, 100mts hurdles- Silver Longjump- Bronze
4	E.Tamilnila			Shotput-Bronze
5	N.Poongodi			Highjump- Bronze

**Our college has achieved Over all championship Trophy in the AnnaUniversity 10th Zone tournaments during the year 2009-2010**

**Table 25: Achievements in the ANNA University Tirunelveli tournaments - 2010-2011**

S.N O	NAME	GAME/ EVENT	DATE/VENUE	ACHIEVEMENT
1 2 3 4 5	K.G.Arun B.Vishnu G.Perinkumar T.Kaliyarasan T.Apruthapandian	Table tennis	02.09.10&03.09.10 Dr.SivanthiAditanar College of Engineering	Third
1 2	B.SahanaponSakthi A.Subhalakshmi	Athletics Athletics	05.09.10 to 08.09.10 PSN college of Engineering,Tirunelveli	Hammer-Silver Heptathlon- Bronze
1 2 3 4	K.Chandrasekaran K.Gnanaraj P.kathirvelMurugan B.Pandiyarajan	Weightlifting	19.10.10 & 20.10.10 Dr.SivanthiAditanar College of Engineering	Third
1 2 3 4 5	S.Senthilkumaran V.B.Manimaran R.Sithik B.Selvaraj U.Rajavel	Chess	09.11.10 to11.11.10 Infant Jesus College Of Engineering,Tirunelveli	Runner
1 2	A.Subhalakshmi B.Sahanaponsakthi	Cricket	18.03.11&19.03.11 Kamaraj College of	Runner

3	D.Santhana		Engineering	and	
4	Veeralakshmi		technology,		
5	V.Sugumari		Virudhunagar		
6	M.Usha				
7	S.Shiyamaladevi				
8	S.AnanthaSuganya				
9	S.Sriswapana				
10	M.Bhuvanamalini				
11	R.Iniya				
12	R.Subara				
13	K.Thangashobana				
14	G.Akila				
15	S.Sivasangari				
16	S.Arunadevi				
	Anupriyasrinivasan				

**Table 26: Achievements in the ANNA University Tirunelveli boys tournaments – 2011-2012**

S NO	NAME	GAME / EVENT	DATE & VENUE	ACHIEVEMENT
1.	V. Sugirdev	Swimming	02.09.2011 P.S.N. College of Engineering & Technology	200 M – Silver
1 2 3 4	S. Periyasamy S.I. Vignesh E. Vijay Raj P. Hari Sankar	Tennis	29.08.2011 & 30.08.2011 Dr.Sivanthi Adithanar college Of Engg & Techonology, Tiruchendur.	THIRD PLACE
1 2. 3.	B. Pandiarajan K. Chandrasekaran P. Kathirvel Murugan	Weight Lifting & Power Lifting	Sathyam College of Engineering, Nagercoil.	1. Bronze – Weight Lifting 2. Bronze- Weight Lifting Silver – Power Lifting 3. Bronze – Weight Lifting
1 2 3 4	B. Selvaraj S.I. Vignesh R. Dinesh A. Sachin Edberg	Chess	05.02.2011 & 06.02.2011 G.U. Pope College of Engineering, Tirunelveli.	RUNNER

**Table 27: Achievements in the ANNA University Tirunelveli girls tournaments - 2011-2012**

<b>S. No.</b>	<b>NAME</b>	<b>GAME / EVENT</b>	<b>DATE AND VENUE</b>	<b>ACHIEVEMENTS</b>
1. 2. 3.	R. Ramya Jenefer Grace S. Hemalatha M. Geethanjali	Table Tennis	23.08.2011 & 24.08.2011 Velammal College of Engineering, Madurai	Third Place
1. 2. 3. 4. 5. 6. 7.	A. Subhalakshmi R. Ramya Jenefar Grace B. Sahana Pon Sakthi G. Akila S. Priya V. Vinodhini K. Mahalakshmi	Athletics	30.09.2011 to 02.10.2011 Dr.ShivanthiAdit	Hepthalon – Silver 400 M Hurdles – Silver Long Jump – Silver Triple Jump – Bronze 100 M Hurdles – Silver Shotput – Bronze Hammer – Gold Overall Championship – Third Place
1. 2. 3. 4. 5. 6. 7.	E. Pitchammal @ Anu G. Yamini A. Renuka Devi A. Nithya B. Lakshmi Priya S. Anantha Suganya A. Subhalakshmi	Ball Badminton	22.12.2011 & 23.12.2011	Third Place

**Table 28: Achievements in the Anna University 17<sup>th</sup> Zone Girls Tournaments –2012-2013**

<b>S. No.</b>	<b>NAME</b>	<b>GAME / EVENT</b>	<b>DATE AND VENUE</b>	<b>ACHIEVEMENTS</b>
1 2 3 4	S. NithyaBharathi A. Nithya L. Nivetha A. Renuka Devi	Badminton	18/09/12 to 19/09/12, P.S.N.A. College of Engg& Tech	Runners
1 2 3 4 5 6 7 8	A, SubhaLakshmi L. Nivetha A. Nithya E. Pitchammal @ Anu J.S. BagiyaSree P. Vaishnavi D. DivyaJothy A. RenukaDevi	Ball Badminton	03/10/12 to 04/10/12, P.S.N.A. College of Engg. & Tech., Dindigul	Third Place

1	A.Subhalskshmi	Basket Ball	11/10/12 to 12/10/12, Chettinad College of Engg& Tech., Karur.	Third Place
2	K. Mahalskshmi			
3	S. Priya			
4	M.P. Ilakiya			
5	Y. Reichal			
6	S. Shahila			
7	T. Sangeetha			
8	K. Yogeswari			
1	R. Subara	Volley Ball	13/10/12 to 14/10/12, Kamaraj College of Engg. & Tech., Virudhunagar	Winner
2	S. Priyadharshini			
3	P. Pandiselvi			
4	B. Sindhuja			
5	A. Subhalakshmi			
6	P. Muthulakshmi			
7	K. Vidhya			
8	R. Agatha			
9	K.M.S. Sindhuja			
10	K.Kiruthika			
11	R.Chithra			
1	A. Subhalakshmi	Athletics	28/12/12, P.S.N.A. College of Engg. & Tech, Dindigul	High Jump-Silver Triple Jump - Gol- Hammer-Gold Discus-Gold Long Jump & Triple Jump - Sil-er Hammer - Sil-er 200 Mts - Gol- 100 Mts - Sil-er 5 Km – Silver, 800Mts – Gold
2	B. SahanaPonsakthi			
3	R. RamyaJenefar			
4	Grace			
5	G. Akila			
6	S. Priya K. Kiruthika			
1	A. Subhalakshmi	Inter Zone Cricket	Kamaraj college of Engg&Tech,Virudhunagar  01.02.2013 to 03.02.2013	Runner
2	B. SahanaPonsakthi			
3	R. RamyaJenefar			
4	Grace			
5	G. Akila			
6	S. Priya			
7	M.P. Ilakiya			
8	Y. Reichal			
9	S. Shahila			
10	S.Nithyabharathi			
11	M.Usha			
12	V.Sugumari			
13	K.Kaleeswari			
14	K.Mahalakshmi			
15	S.Shahila V.Vinothini			

**Table 29: Achievements in the Anna University 17<sup>th</sup> Zone Boys Tournaments –2012-2013**

S NO	NAME	GAME / EVENT	DATE & VENUE	ACHIEVEMENT
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15	S. Kabeer Ali R. Jim Rogland S. Raja A. Muneeswaran A. Pandiaya Raj K. Abdul Rahmaan Siddik G. Alagar Raja T. Jebin Burk R. Vigneshwaran R. Rajadurai K.R.S. Vigneshwaran M. Muthukumara Swamy G.S. Govindan B. Gunamasan	Hand Ball	20/09/12 & 22/09/12, Chettinad College of Engg& Tech., Karur	Runner
1	B. Vasanth	Boxing	21/09/12&22/09/12, Oxford Engineering College	Silver Bronze
1 2 3 4 5 6 7 8 9 10	C. Venkatadui S. Arun Mugesh S. Sankar G. Murali R. Jeyakumar R. Venkatesan S. Vignesh P. Ajaybinash S. Aravinth. J. Rajasekar	Ball Badminton	01/10/12 & 02/10/12, Sri Vidhya College of Engineering	Runner
1 2 3 4	E.Vjay Raj S.I. Vignesh S. Haris Shankar S.M. Muthu	Tennis	18/10/12 & 19/10/12, KCET, VNR	Winner
1 2 3 4	C. GajendraPerumal C. RajeshKumar M. Ananth Sridev M. Rajapalavasa Muthu	Table Tennis	15/10/12 P.S.N.A. College of Engg&Tech,Dindigu I	Runner
1	R. Vinoth Kumar	Boxing	21/09/12&22/09/12, Oxford Engineering College	Silver
		Boxing	Inter zone Valliammai College of Engineering	Silver

**Table 30: Achievements In Anna University 17<sup>th</sup> Zone Boys Tournaments 2013-14**

S.No	Name	Game	Date & Venue	Achievement
1 2 3 4 5 6 7 8 9 10	S.Aravinth J.Rajasekar S.Satheesh R.Venkatesan R.Rakesh M.Bharathiraja S.Sankar R.Jeyakumar C.Venkatadri S.ArunMugesh	BallBadminton	24.08.13 & 25.08.13 SreeSowdambika college of Engineering	Third place
1 2 3 4	R.Saravanan E.VijayRaj S.I.Vignesh S.Birla	Tennis	30.08.13 Kamaraj college of Engg& Tech, Virudhunagar	Runner up
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16	J.Ponraj P.RaviChandran S.SankaraPandian S.Harish R.Munishwaran S.Mohan A.Albert S.Birla S.Sudarsan L.Jeyanthan R.DhineshKanna N.Madhavan P.Arjun S.R.SrishKumar N.Gowtham R.RajaDurai	Cricket	02.09.13 to 09.09.13 R.V.S college of Engg& Tech	Third place
1 2 3	R.Senathipathi S.Ayyanan P.Arjun	Athletics	21.09.13 &22.09.13 Kamaraj college of Engg& Tech, Virudhunagar	400M-III Place 20Km walk- II Place Javelinthrow-I Place
1 2 3 4 5	N.SivaChandran S.NavinShankar P.RajaPandi M.SyedInzamam-u-deen R.Yuvaraj	TableTennis	20.09.13 Kamaraj college of Engg& Tech, Virudhunagar	Runner Up
1 2	K.HareesRaman S.BrownDuraiRaj	Hockey	30.09.13 Sri Vidhya college	Third Place

3	K.Balaji		of	
4	R.NarendraSingaRajan		Engg&Tech, Virudh	
5	N.Lakshmikanth		unagar	
6	N.VigneshKumar			
7	E.Abraham			
8	M.KasiVisvanathan			
9	M.SureshRaja			
10	G.SunilKumar			
11	M.SathishKumar			
12	S.PranaveSathyaMoort			
13	hy			
14	J.Promodh			
15	M.VijayaKumar			
16	K.VijayaVel Vasanth			

**Table 31: Achievements in Anna University 17<sup>th</sup> Zone Girls Tournaments 2013-14**

S.NO	Name	Game	Date & Venue	Achievement
1. 2. 3.	S.NithyaBharathi P.Divya A.Renukadevi	Badminton	29.08.13 P.S.N.A College of Engg& Tech, Dindigul	Runner Up
1. 2. 3. 4. 5. 6. 7. 8. 9.	A.Renukadevi L.Nivetha P.Divyajothy P.Vaishnavi J.S.Bagiyashree S.Nathinidevi L.Monika S.Durga M.Kaladevi	Ball Badminton	28.08.13 Kamaraj college of Engg& Tech, Virudhunagar	Third Place
1 2 3 4 5 6 7 8 9	S.Priyadharshini G.Akila K.Vidhya K.Vinothini S.Shahila B.Ragini P.MuthuLakshmi R.Agatha B.Sindhuja	Volleyball	16.09.13 &17.09.13 Cheran college of Engineering, Karur	Runner Up

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	S.Priya G.Akila K.Mahalakshmi K.Vinothini S.Vickneswari K.Kiruthika S.Priyadharshini C.Boomanikam S.Shahila R.RamyaJenefarGrace P.Jeyachitra S.NithyaBharathi	Athletics	21.09.13& 22.09.13 Kamaraj College of Engg& Tech, Virudhunagar	200m-II place 4*100m Relay-II Hammerthrow-I HighJump-III 100mHurdles-III Javelin-III Shotput-III 5Km walk-III HalfMarathon-III 400mHurdles-III 400mHurdles-II 4*100m Relay-II 100mHurdles-I 400mHurdles-I 100mHurdles-I 4*100m Relay-II Triplejump-III 400m-III 4*100m Relay-II
1 2 3 4 5 6 7 8	K.Mahalakshmi S.Shahila A.GnanaSowmiya S.Gayathri A.TamilSelvi S.Priya M.P.Ilakya Y.Reichal	Basketball	08.10.13 & 09.10.13 Chettinad college of Engg&Tech,Karur	Runner Up

**Table 32: Consolidated Club Activities and Extra-curricular Activities**

S.N o	Club	Academi c Year	Event	No of Activitie s	No of Student s
A	YRC	2013-14	Blood donation Camp	5	380
			Two wheeler and four wheeler license	1	133
			Passport Arrangement	1	320
			Received Runner Shield for Blood Donation	1	-
		2012-13	Blood donation Camp	1	100
			Two wheeler and four wheeler license	1	100
			Competition for Students	4	70
		2011-12	Blood donation Camp	4	300
			Two wheeler and four wheeler license	1	80

		<b>2010-11</b>	Blood donation Camp	3	225
		<b>2009-10</b>	Blood Donation Camp	3	90
			Eye Doanation Awareness Programme	1	50
			Fire Fighting Awareness Programme	1	40
			Stress Management	1	40
			Carrier Guidance	1	50
<b>B</b>	<b>RRC</b>	<b>2013-14</b>	Blood Donation Camp	2	40
			Competition for Students	3	54
			Awareness Programme	3	139
		<b>2012-13</b>	Blood Donation Camp	1	80
			Computer Refresher Training for District Aids Control members	1	46
		<b>2011-12</b>	Blood Donation Camp	2	110
			World AIDS day Celebration & pledge taken	1	50
		<b>2010-11</b>	Blood Donation Camp	2	120
		<b>2009-10</b>	Blood Donation Camp	2	90
<b>C</b>	<b>NCC</b>	<b>2013-14</b>	NCC cadets training, Guest lecture & Competition	31	All NCC Cadets
		<b>2012-13</b>	NCC cadets training, Guest lecture & Competition	9	All NCC Cadets
		<b>2011-12</b>	NCC cadets training, Guest lecture & Competition	12	All NCC Cadets
		<b>2010-11</b>	NCC cadets training, Guest lecture & Competition	9	All NCC Cadets
		<b>2009-10</b>	NCC cadets training, Guest lecture & Competition	22	All NCC Cadets
<b>D</b>	<b>NSS</b>	<b>2013-14</b>	Blood Donation	1	30
			Eye Check up camp	1	16
			Awareness programme	1	42
			Competition for Students	1	21
		<b>2012-13</b>	Orientation Programme	2	100
			Awareness Programme	6	1050
			Competition for Students	2	117
			Personality Development Programme	3	164
			Special Camp	1	50
			Donation	2	20
		<b>2011-12</b>	Special Camp	1	50
			Awareness programme	2	120
		<b>2010-11</b>	Special Camp	1	50
			Orientation Programme	1	50
			Awareness programme	1	120

		<b>2009-10</b>	Special Camp	1	50
			Competition for students	2	110
			Orientation Programme	1	50
<b>E</b>	<b>Tech-Beats</b>	<b>2013-14</b>	Vijaya Dasami Celebration	1	10
			16 <sup>th</sup> College Day	1	25
			68 <sup>th</sup> KVS Exhibition	1	26
			Inauguration of Axis-V Creatives Training Programme	1	15
<b>F</b>	<b>Tech Band</b>	<b>2013-14</b>	Independence Day was celebrated in our college. Our techband played musical instruments to honour the chief guest.	1	12
			Sports day celebration-Playing musical instruments for Marchpast	1	12
<b>G</b>	<b>FINE ARTS</b>	<b>2009-10</b>	Quiz	1	2 teams
			Tamil essay writing, Tamil Elocution	1	2
			Singing Competition	1	5
			Flower Rangoli	1	1
			Flower Rangoli, you as a Journalist, Non-Classical Dance, clay modeling, Face masking, Fusion Dance, Folk Dance, Clone a character	1	15
			Flossy steps, Su-Do-Ku, Visualize collage, Turn –a-coat, JAM, Fashion Parade, Vivatham	1	25
		<b>2010-11</b>	Quiz		2
			Vocal Solo, Solo Dance, Variety Programme, Flower Arrangement, Painting , Rangoli, Art from waste, Individual talent, Group Dance		20
			Talentia-2011		20
			Rotinival 2010		20
			Euphemoz'10,Quiz		2
			Rangoli,Neeya Nana ,Kojam Nadinga, Painting		15
			Tamil Essay Writing, English Essay writing Tamil Elocution		
			Boy's Solo Singing, Girl's Solo Singing, Duct Round		6
			Music Competition		6
			Oratorical Competition		5

			Painting, Rangoli, Western Group Dance, Solo Singing Adzap, Debate, Art from waste, Clay Modelling, Individualact, Treasure hunt skit, Classical dance, Dumb-c		40
		<b>2011-12</b>	Rangoli ,Neeya Nana ,Kojam Nadinga, Painting Tamil Essay Writing, English Essay writing Tamil Elocution		15
			Boy's Solo Singing, Girl's Solo Singing, Duct Round		6
			Music Competition Oratorical Competition		6 5
			Painting, Rangoli, Western Group Dance, Solo Singing Adzap, Debate, Art from waste, Clay Modelling, Individualact, Treasure hunt skit, Classical dance, Dumb-c		40
		<b>2012-13</b>	Theeyaa Pathil Sollungaa Boss(Quiz), Sinthanaisai, Painting, Rangoli, Manada Kuyil Padaa(Dance), Konjam Nadinga Boss Neeya Nana ,Classical Art		20
			Miming, Antakshori, cine-Quiz Spent Quiz Solo Dance, Girl's Solo classical, Ground act, One act		19
			Quiz		3 Teams
			Music Competition Oratorical Competition		4 5
			Tamil Essay Writing, Tamil Elocution		4
			Solo singing Solo Dance Variety entertainment Group Dance , Short film Adzap		25
			Orchestra, Choreo boom, Individual Event, Art from waste, Rangoli, Kavithidal,Quiz		20
			English elocution competition		3
			Miming, Antakshari, cine quiz, spent quiz		8
			Music concert		11

		<b>2013-14</b>	District level Quiz competition		2
			Elocution(Tamil)		3
			Fashion parade		6
			Recitation (Bharathidasan Kavithaigal)		5

**A) YRC ACTIVITIES**

S.NO	DATE	ACTIVITY	ORGANIZER	Total
YRC ACTIVITIES				
2009- 2010				
1	31.07.2009	Blood Donation Camp	Government Hospital, Kallikudi.	7
2	21.08.2009	Blood Donation Camp	Dr.V.DhanasamyParimala Devi Trust, Virudhunagar.	
3	25.08.2009	Eye Donation Awareness Programme	Lions Club Virudhunagar.	
4	04.09.2009	Fire Fighting Awareness Programme	Fire Divisional Officer, Madurai.	
5	09.09.2009	Stress Management	Meenakshi Mission Hospital, Madurai.	
6	09.09.2009	Carrier Guidance	Meenakshi Mission Hospital Research Centre, Madurai.	
7	03.02.2010	Blood Donation Camp	Dr.V.DhanasamyParimala Devi Trust, Virudhunagar.	
2010 – 2011				
1	13.08.2010	Blood Donation Camp	Dr.V.DhanasamyParimala Devi Trust, Virudhunagar.	3
2	09.09.2010	Blood Donation Camp	Dr.V.DhanasamyParimala Devi Trust, Virudhunagar.	
3	01.09.2010	World Blood Donation Day	Received Runner up Shield for donating more no of blood units at V.H.S.N College, Virudhunagar.	
2011- 2012				
1	08/07/2011	Blood donation camp	V.DhanasamiParimala Devi Medical Blood Bank Trust, Virudhunagar.	5
2	30/09/2011	Blood donation camp	V.DhanasamiParimala Devi Medical Blood Bank Trust, Virudhunagar.	
3	01/10/2011	National Blood donation day 2011	Meenakshi Mission Hospital, Madurai	
4	10/11/2011	Arranging Two wheeler and four wheeler licence for students and staff	Virudhunagar Parasakthi Mariamman Driving school, Virudhunagar.	
5	30/03/20	Blood donation camp	V.DhanasamiParimala Devi	

	12		Medical Blood Bank Trust, Virudhunagar.	
2012 - 2013				
1	21/01/2013	Art Competition on the topic “Global Warming”	YRC, KCET	5
2	28/01/2013	Essay writing competition on the topic “Awareness on Blood Donation”	YRC, KCET	
3	07/02/2013	Arranging Two wheeler and four wheeler licence for students and staff	Virudhunagar Parasakthi Mariamman Driving school, Virudhunagar.	
4	11/02/2013	Slogan writing competition on the topic “Anti Drugs”	YRC, KCET	
5	15/02/2013	Blood donation camp	V.DhanasamiParimala Devi Medical Blood Bank Trust, Virudhunagar.	
2013-14				
1.	15.08.2013	Blood Donation Camp for second Year	Dhanasamy Parimala Devi Trust, Virudhunagar	90
2.	18.09.2013	Blood Donation Camp for Third Year	Dhanasamy Parimala Devi Trust, Virudhunagar	100
3.	01.10.2013	Received “Runner” Shield for Blood Donation in District Level	V.Dhanasami Parimala Devi Medical Blood Bank Trust, Virudhunagar.	10
4.	11.01.2014	Blood Donation Camp for third Year	Dhanasamy Parimala Devi Trust, Virudhunagar	120
5.	14.02.2014	Blood Donation Camp	TNSTC, Madurai.	30
6.	10.02.2014	Arranged Driving License For the students and Staffs	Virudhunagar Parasakthi Mariamman Driving School.	133
7.	17.02.2014	Arranged Passport For the students and Staffs	Sun Birds and Tours Travels, Virudhunagar.	320
8.	25.6.2014	Celebrate world Blood Donors Day and Conducted Blood Donation Camp	Supported by V. Dhanasamy Parimala Devi Medical Trust Blood Bank, Virudhunagar	300

### **RRC Club Activities**

Sl. No.	Date	Name of the Activity	Organized By/for	Number of Volunteers / Staff & Students	No of activities
<b>RRC ACTIVITIES</b>					
<b>2013 -2014</b>					
1.	11.1.2014	Blood Donation Camp	Unjha.V.Dhanasamy	10	<b>7</b>

			Parimala Devi Medical Trust, Virudhunagar.		
2.	8.3.2014	Awareness video show for Blood Donation and Donating Human Organs	By our RRC Volunteers for Chithoor Village people.	50	
3.	31.3.2014	Drug free Society awareness Competitions - Rangoli	For All our college students by RRC volunteers	36	
4.	31.3.2014	'Love Yourself. Be Drug free" – Skit competition	For All our college students by RRC volunteers	42	
5.	10.4.2014	Visit ART Centre, HIV/AIDS Counselling centre and Blood bank in Governement Headquarter Hospital, Virudhunagar.	For RRC members.	50 Students and 3 Staff Members.	
6.	25.6.2014	Celebrate world Blood Donors Day and Conducted Blood Donation Camp	Supported by V. Dhanasamy Parimala Devi Medical Trust Blood Bank, Virudhunagar	5 volunteers+30 Donors	
7.	1.8.2014	Drawing and Rangoli completion under the topic "The tobacco free youth"	By RRC Members	12 RRC Volunteers	

## B) NCC ACTIVITIES

S.No	DATE	ACTIVITY	Organized By/For	No. of NCC Cadets
<b>NCC ACTIVITIES</b>				
<b>2013 -2014</b>				
1	05.08.13	1 <sup>st</sup> year Cadets were enrolled after various physical testing	28 (TN) BN NCC	30
2	08.08.13	Battle craft (Line Formation).Cadets were trained to face the battle with a knowledge of war ethics	Senior officer under T.Shriraman	23
3	12.08.13	Cadets were trained regarding need and necessity of basic first aid terms	Senior officer under T.Shriraman	35

4	14.08.13	National Integration pledge has been taken to realize the thought on unity In diversity.	Cadet under officer S.MANOJ KUMAR	55
5	15.08.13	Independence Day was celebrated in our college. Our college NCC cadets performed programmes regarding national integration.	KCET	55
6	26.08.13	Principles of NCC, Aims of NCC and Aims of NCC DRILL were explained.	Senior under officer T.Shriraman	30
7	09.09.13	Anti-Dowry Oath taken by NCC cadets	All NCC cadets	52
8	16.09.13	Pride Of Indian Soldiers were explained to our cadets	Senior under officer T.Shriraman	40
9	23.09.13	Environmental Awareness program was conducted.	All NCC cadets	52
10	07.10.13	Guest lecture on the usage of plastic	Mr.S.Gandhi, HOD Polymer Technology	35
11	16.10.13	Cycle Rally was organized to create awareness on cancer (55 kms from virudhunagar to gopalsamymalai)	KCET	27
12	04.11.13	Cadets were made aware on Energy Saving In Electrical Appliances & Electricity Safety.	Cadet under officer M. Senthil Kumar	45
13	14.11.13	Guest lecture was arranged on the theme -awareness on blood donation	Coy. Commander Lt. S.Senthil	43
14	20.11.13 TO 29.11.13	Combined Annual Training Camp (CATC) (covering military history, weapon training, firing practice, map reading, health and hygiene)	28 TN(BN) NCC	10
15	25.11.13	Cadets were trained to face adventures in Trekking	Coy. Commander Lt. S.Senthil	18
16	01.12.13	Awareness about HIV affairs were discussed on World Aids Awareness Day	Cadet under officer S.MANOJ KUMAR	34
17	02.12.13	Dengue Awareness Videos were shown to our cadets	Cadet under officer M. Senthil Kumar	45
18	03.01.14	Indian Army Engineers selection at National College, Trichy	University Entry Scheme	20
19	19.01.14	Various competitions such as Elocution, Essay writing, Slogan writing competition were organized on road safety	Regional Transport Office, Virudhunagar	40

		awareness (Cadets participated and got a first prize on district level in Elocution)		
20	20.01.14	Anti-Corruption oath was taken	All NCC cadets	46
21	20.01.14	Fire Safety Training given to our college NCC cadets to be dare on fire accidents	Cadet under officer M. Senthil Kumar	39
22	23.01.14	Demo regarding first aid of various accidents and injuries	Senior under officer T.Shriraman	48
23	26.01.14	Republic Day was grandly celebrated in our college campus and NCC cadets performed various drill events.	KCET	52
24	30.01.14	Cadets observed silence For Martyr's Day for 2 minutes	Coy. Commander Lt. S.Senthil	48
25	02.02.14	Our college NCC organized a marathon named Kamaraj Greenathon to create awareness among village people about environmental awareness and the NCC cadets won the first three places.	KCET	159
26	03.02.14	National Integrity oath was taken	All NCC cadets	52
27	06.02.14	Senior NCC cadets showed a demo on Caution Drill	Cadet under officer M. Senthil Kumar	15
28	08.02.14	On sports Day our chief guest was honored with our college NCC guard troop	KCET	49
29	17.02.14	Mock C - certificate exam.	KCET	20
30	19.02.14	Special Training (covering military history, arms drill weapon training, firing practice, map reading)	28 (TN) BN NCC	20
31	23.2.14	C- Certificate Examination	Ministry of defence & 28 TN BN NCC	20

#### D) NSS CLUB ACTIVITIES

Sl.No	Date	Name of the Activity	Organized by/for	No. of Volunteers /Staff & students
<b>NSS CLUB ACTIVITIES(2009-10)</b>				
1	5.08.2009	Orientation Programme		50
2	15.8.2009	Independence day celebration by NSS volunteers		12

3	05.09.2009	Teachers day Celebration		10
4	20.03.2010 to 26.03.2010	7 Day Special Camp	K.Vellakulami Village	50 Volunteers & 3 Staffs
<b>NSS CLUB ACTIVITIES (2010-11)</b>				
1	26.08.2010	Orientation Programme	KCET	50
2	05.09.2010	Teachers day Celebration	KCET Staffs	10
3	10.03.2011 to 16.03.2011	7 Day Special Camp	Myttanpatti Village	50 Volunteers & 3 Staffs
<b>NSS CLUB ACTIVITIES (2011-12)</b>				
1	01.03.2012 to 07.03.2012	7 Day Special Camp	K.Usilampatti	50 Volunteers
2	03.09.11	Orientation Programme	KCET	50 Volunteers
3	05.09.11	Teachers day Celebration	KCET	10
<b>NSS CLUB ACTIVITIES (2012-13)</b>				
1	03.09.12	Orientation Programme (Introduced New members and assigned NSS Works to the volunteers)	KCET	50
2	05.09.12	Teachers day Celebration (Greeting Cards & Gift distributed to all the Teaching staff members)	KCET Staffs	10
3	15.09.12	Road Safety Awareness Programme (Mr.Karuppasamy, RTO delivered the speech to NSS Volunteers)	NSS Volunteers	62
4	21.09.12	Visited to Usilampatti Govt. School and Sponsored water filters	Usilampatti Govt. School	12
5	26.09.12	Personality Development Programme (Thiru. M.A.P.Rengasamy, Industrialist,Virudhunagar delivered the lecture about Ethics and Human Values for Society)	NSS Volunteers	57
6	03.09.12	Orientation Programme	KCET	50

		(Introduced New members and assigned NSS Works to the volunteers)		
7	05.09.12	Teachers day Celebration (Greeting Cards & Gift distributed to all the Teaching staff members)	KCET Staffs	10
8	15.09.12	Road Safety Awareness Programme (Mr.Karuppasamy, RTO delivered the speech to NSS Volunteers)	NSS Volunteers	62
9	21.09.12	Visited to Usilampatti Govt. School and Sponsored water filters(2 Nos.)	Usilampatti Govt. School	12
10	26.09.12	Personality Development Programme (Thiru. M.A.P.Rengasamy, Industrialist,Virudhunagar delivered the lecture about Ethics and Human Values for Society	NSS Volunteers	57
11	01.10.12	Blood Donation Camp was conducted and 150 units were donated to Dhanasamy Parimala devi Trust.	V.Dhanasamy Parimala Devi Trust, Virudhunagar	20
12	22.10.12	Yoga Awareness Programme (Mr. Seenivasu, Yoga Master, Virudhunagar delivered the Speech about "Living with Awareness – Yoga for Life with greater Joy and Productivity")	NSS Volunteers	57
13	17/11/12	Dengue awareness video show provided by Anna University is screened to all First Year students	KCET Students	65 Volunteers + 600 students.
14	20/11/12	Visited Usilampatti and K.Vellakulam Village for screening the Dengue awareness video show	K.Usilampatti & K.Vellakulam School Students & Village Peoples	15
15	24/11/12	Drawing competition conducted for NSS students on behalf of "Communal Harmony week'	NSS Volunteers	57
16	27/11/12	Flag Day Fund Collected and the amount sent to The National Foundation for Communal Harmony, New Delhi.	National Foundation for Communal Harmony, New Delhi	6

17	1/12/2012	World Aids Day (Students and staff members had taken pledge)	KCET Staff & Students	50 Volunteers, Students and Staff Members
18	11-12-12 & 12-12-12	Computer Refresher Training Programme conducted to Virudhunagar District Aids Control club members (38)	District AIDS control Club, Virudhunagar.	10
19	20/12/12	Aids Day Programme (Drawing, Essay Writing, Slogan Writing competitions were conducted)	KCET Students	45 Vounteers+ 85 Students
20	08.01.13	Swamy Vivekananda 150 <sup>th</sup> Birth Day Celebration (Essay Writing, Drawing & Speech Competitions were conducted)	KCET Students	50 Volunteers + 600 Students
21	11.01.13	150 <sup>th</sup> Birth Day Anniversary Celebration of Swamy Vivekananda (Presided over by Dr.R.Vanniarajan, Retd. Principal, Vivekananda College, Thiruvudagam)	KCET	KCET all students & staff members
22	21.01.2013	NSS Students are motivated by Mr.D.Muthukumar, KCET about the Rules & Responsibility of NSS Volunteers in Public Service	KCET	50
23	24.01.2013	Voters Day Pledge was taken by Students and staff members	KCET Students & Staff	50 Volunteers, Students and Staff Members
24	29.01.2013	NSS Volunteers involved in Campus Cleaning Programme	NSS Volunteers	50
25	15.02.2013	Blood Donation Camp was conducted and 110 units were donated to Dhanasamy Parimala devi Trust.	V.Dhanasamy Parimala Devi Trust, Virudhunagar	20
26	18.02.2013	"Energy Saving in Home Electrical Appliances & Electricity Safety" Guest Lecture delivered by Dr.S.Jeyadevi, Ph.D., Prof./EEE, KCET	KCET	50
27	19.02.2013	Medical Fund Collected & Handed over to Second EIE Student M.Karthiga Devi for her sister's medical expenses	KCET Staff & Students	7

28	27.02.2013	Road Safety Awareness Programme (Speech delivered by Mr.N.Judson, Ind-Bharath Power Infra Ltd., Tuticorin)	KCET	15 Drivers & 86 Volunteers
29	01.03.2013 to 07.03.2013	7 Day Special Camp at Chithoor Village (Conducted Rally for Village people, Screened awareness videos, Events for Women and school students, Skill development programme for NSS Volunteers)	KCET	50 Volunteers & 5 Staffs
30	18.03.2013	Visiting Servaikaranpatti Govt. school and conducting various competitions.	KCET	12 Volunteers & 3 Staffs.
<b>2013-14</b>				
1	17.3.2014	Debate "Usage of cellphone is boon or bane?"	By Our NSS Volunteers	21
2	24.3.2014	Environment pollution control awareness competitions "Use for Used"	For All year students	42
3	7.4.2014	'More panthal' Butter milk and water distribution for Virudhunagar pongal festival	By Our NSS Volunteers	8
4	9.5.2014	Eye checkup camp	For our students and staff members By Vasan Eye care, Madurai	16
5	25.6.2014	Celebrate Blood Donars Day and Conducted Blood Donation Camp	Supported by V. Dhanasamy Parimala Devi Medical Trust Blood Bank, Virudhunagar	5 volunteers +30 Donors

#### E) Tech-Beats Activities

S.No	Date	Name of the Activity	Organized By	Number of Volunteers / Staff & Students
<b>Tech-Beats Activities</b>				
<b>2009-10</b>				
1	27/10/2009	Vijaya Dasami Celebration	KVS Managing Board, Virudhunagar	10
2	26/03/2010	12th College Day	KCET, Virudhunagar	10
3	01/04/2010	KVS Exhibition	KVS Managing Board, VNR	10
<b>2010-11</b>				
1	17/10/2010	Vijaya Dasami Celebration	KVS Managing Board, Virudhunagar	10

2	19/03/2011	13 <sup>th</sup> College Day	KCET, Virudhunagar	10
3	01/04/2011	KVS Exhibition	KVS Managing Board, VNR	10
<b>2011-12</b>				
1	06/10/2011	Vijaya Dasami Celebration	KVS Managing Board, Virudhunagar	15
2	26/02/2012	VVV College Golden Jubilee Carnival	VVV College, Virudhunagar	13
3	17/03/2012	14th College Day	KCET, Virudhunagar	18
4	06/04/2012	KVS Exhibition	KVS Managing Board, VNR	13
5	21/04/2012	College Farewell Day	KCET, Virudhunagar	10
<b>2012-13</b>				
1	24/10/2012	Vijaya Dasami Celebration	KVS Managing Board, Virudhunagar	24/10/2012
2	16/03/2013	15th College Day Celebration	KCET, Virudhunagar	16/03/2013
3	05/04/2013	KVS Exhibition	KVS Managing Board, VNR	05/04/2013
<b>2013-14</b>				
1	14/10/2013	Vijaya Dasami Celebration	KVS Managing Board, Virudhunagar	10
2	29/03/2014	16th College Day	KCET, Virudhunagar	25
3	04/04/2014	68th KVS Exhibition	KVS Managing Board, Virudhunagar	26
4	23/06/2014	Inauguration of Axis-V Creative Training Programme	KCET, Virudhunagar	15

#### F)Tech Band Activities

S.No	DATE	Name of the activity	Organized By	No. of students
<b>Tech Band Activities</b>				
<b>2013-14</b>				
1	15.08.13	Independence Day was celebrated in our college. Our techband played musical instruments to honour the chief guest.	KCET	12
2	08.02.14	Sports day celebration-Playing musical instruments for Marchpast	KCET	12

#### G) FINE ARTS ACTIVITIES FOR CULTURAL ACTIVITIES FOR (2009-2010)

S.no	Date	Event	Organizer	Participant	Award
1.	16.7.09	Quiz	KVS –OBA Association, VNR.	2 teams	II prize III prize
2	11.8.09	Tamil essay writing, Tamil Elocution	Tamil Development Department , Tamil	2	II prize II prize

			Nadu government		
3	12.8.09	Singing Competition	Rotary club of Sivakasi central	5	I prize II prize
4	12.9.09	Flower Rangoli	Rotary club of Sivakasi central	1	II prize
5	13.9.09	Flower Rangoli, you as a Journalist, Non-Classical Dance, clay modeling, Face masking, Fusion Dance, Folk Dance, Clone a character	ICI, Sivakasi	15	I prize I prize I prize I prize II prize II prize Overall winner –I prize
6	24.9.09	Flossy steps, Su-Do-Ku, Visualize collage, Turn –a-coat, JAM, Fashion Parade, Vivatham	Pattaka, Sivakasi	25	I prize I prize I prize I prize I prize II prize II prize II prize Overall winner –I prize

#### CULTURAL ACTIVITIES FOR (2010-2011)

S.no	Date	Event	Organizer	Participan t	Award
1.	19.6.11	Quiz	Literary Association of Fisheries College and Research Institute	2	Cash Award Rs 10000/-
2	21.6.11	Vocal Solo, Solo Dance, Variety Programme, Flower Arrangement, Painting , Rangoli, Art from waste, Individual talent, Group Dance	“Fish Fest” - Fisheries College and Research Institute	20	II prize III prize I prize II prize I prize II prize III prize II prize
3	10.3.11	Talentia-2011	Tamilnadu Agricultural University.	20	Total number of Prizes- 10
4	25.9.10	Rotinival 2010	Rotary Club, Sivakasi.	20	Two First Prizes, Five

					Second Prizes, Three Third Prizes
5	9.9.10	Euphemoz'10,Quiz	Kalasalingam University	2	I prize

#### **CULTURAL ACTIVITIES FOR (2011-2012)**

S.no	Date	Event	Organizer	Participant	Award
1.	25.7.12	Rangoli ,Neeya Nana ,Kojam Nadinga, Painting Tamil Essay Writing, English Essay writing Tamil Elocution	ICI, Sivakasi	15	II prize II prize II prize II prize III prize I prize I prize
2	15.9.12	Boy's Solo Singing, Girl's Solo Singing, Duct Round	Padum Paravaigal, Rotary club, Sivakasi	6	II prize I prize II prize I prize II prize
3	27.9.12	Music Competition Oratorical Competition	Tamil Issay Sangam	65	II prize III prize I prize I prize
4.	19.3.12	Painting, Rangoli, Western Group Dance, Solo Singing Adzap, Debate, Art from waste, Clay Modelling, Individualact, Treasure hunt skit, Classical dance, Dumb-c	CECRI, Karaikudi	40	II prize III prize I prize I prize II prize II prize II prize I prize II prize I prize II prize I prize III prize Overall Championship I place

**CULTURAL ACTIVITIES FOR (2012-2013)**

S.no	Date	Event	Organizer	Participant	Award
1	25.7.12	Rangoli ,Neeya Nana ,Kojam Nadinga, Painting Tamil Essay Writing, English Essay writing Tamil Elocution	ICI, Sivakasi	15	II prize II prize II prize II prize III prize I prize I prize
2	15.9.12	Boy's Solo Singing, Girl's Solo Singing, Duct Round	Padum Paravaigal, Rotary club, Sivakasi	6	II prize I prize II prize I prize II prize
3	27.9.12	Music Competition Oratorical Competition	Tamil Issay Sangam	6 5	II prize III prize I prize I prize
4	25.5.13	Theeyaa Pathil Sollungaa Boss(Quiz), Sinthanaisei, Painting, Rangoli, Manada Kuyil Padaa(Dance), Konjam Nadinga Boss Neeya Nana ,Classical Art	ICI, Sivakasi	20	II prize II prize II prize II prize III prize I prize I prize II prize II prize II prize II prize Overall Winner-I prize

**CULTURAL ACTIVITIES FOR (2013-2014)**

S.no	Date	Event	Organizer	Participant	Award
1	10.6.13	Miming, Antakshori, cine-Quiz Spent Quiz Solo Dance, Girl's Solo classical, Ground act, One act	Madras Medical College, Chennai	19	II prize I prize II prize I prize II prize III prize III prize
2	18.8.13	Quiz	All India Quiz Competition Meenakshi College	3 Teams	II prize

			of Women, Chennai		
3	24.9.13	Music Competition Oratorical Competition	Tamil Issay Sangam	4 5	II prize III prize I prize I prize II prize III prize
4	20.10.13	Tamil Essay Writing, Tamil Elocution	Siddar Kudam, Seva Aramba Palli, Kalikudi	4	II prize II prize
5	28.10.13	Solo singing Solo Dance Variety entertainment Group Dance , Short film Adzap	Pranaya-2013 Karpagam University,coimbatore	25	II prize III prize I prize I prize II prize III prize
6	21.8.13	Orchestra, Choreo boom, Individual Event, Art from waste, Rangoli, Kavithidal,Quiz	Legacy 13 Mepco Schlenk engineering college Sivakasi	20	II prize I prize II prize I prize II prize III prize III prize
7	5.2.2014	English elocution competition	Y's men club of Virudhunagar	3	I prize I prize II prize
8		Miming, Antakshari, cine quiz, spent quiz	V.H.N.S.N. Men's college	8	II prize II prize II prize II prize III prize
9		Music concert	Sarang14 , IIT Madras	11	Participated

**Criterion V : Annexure 8 (Refers 5.3.2)**

**Table 33: Co-curricular Activities -Consolidated**

Year	No of Students	Activity	Level (University / State / Zonal / National / International)
2009-2010	49	Workshop	National
	7	Paper presentation	
	28	Poster presentation	

	1	Technical Symposium	
	2	Quiz	
	1	Best Manager	
	1	Multimedia	
2010-2011	4	Workshop	National
	26	Paper presentation	
	34	Poster presentation	
	12	Seminar	
	2	Treasure hunt	
	5	TechnoQuiz	
	1	Googly	
	1	Counter Mind	
	1	DumbC	
	3	Marketing	
2010-2011	7	Multimedia Presentation	National
	1	Mr./Ms. UPGRADE EVENT	
	2	Creative Display	
	1	Code Debugging	
	2	Mad ads (Adzap)	
2011-2012	1	LAN Gaming	National
	1	Street Play	
	2	Creative Writer	
	1	Dumb Sharades	
	1	Sports Quiz	
	1	Choreography	
	2	Mediawars	
	2	CRUX	
	1	Debugging	
	2	Mr./Ms.Extrovert	
	1	Mind Sweeper (Debugging)	
	2	Magi (Placement)	
	2	Cyber-IQ(Quiz)	
	3	Blue Eye (Multimedia)	
	4	The Cosmopolitan	
	2	Quiz	
	3	Symposium	
	3	Paper presentation	
	5	Poster presentation	
	4	Seminar	
2012-2013	22	Paper presentation	National
	9	Poster presentation	
	7	Seminar	
	2	Workshop	
	3	Debugging	
	2	Pictionary	

2013-2014	108	Paper presentation	National
	4	Poster presentation	
	3	Seminar	
	165	Workshop	
	30	Competitions	
	2	Project presentation	
	4	National conference	
	56	Symposium	
	9	Debugging	
	9	Multimedia	
	4	Quiz	
	1	National Conference	
	41	InPlant Training	

**Criterion V : Annexure 9 (Refers 5.3.5)**

**Girl's Hostel Student Council Members**

Ms. S. Harunya (BT) - **General Secretary**

**IV Year Representatives**

- |                                       |                     |
|---------------------------------------|---------------------|
| 1. Ms. R. Chithra (CSE)               | - Mess              |
| 2. Ms. A. Renuka Devi (ECE)           | - General Amenities |
| 3. Ms. V. Vengadeshwari (BT)          | - Academic          |
| 4. Ms. N. R. Sasi Rekha (IT)          | - Gardening         |
| 5. Ms. V. Balakrishna @ Sudha (CIVIL) | - Sports            |

**III Year Representatives**

- |                                |                     |
|--------------------------------|---------------------|
| 1. Ms. Rohini (CSE)            | - Mess              |
| 2. Ms. D. Kavitha (CIVIL)      | - General Amenities |
| 3. Ms. Reenu (EEE)             | - Academic          |
| 4. Ms. A. Karthika (BT)        | - Gardening         |
| 5. Ms. S. Priyadharshini (ECE) | - Sports            |

**II Year Representatives**

- |                                    |                     |
|------------------------------------|---------------------|
| 1. Ms. M. Siva Sangari (IT)        | - Mess              |
| 2. Ms. R. Nivetha (EEE)            | - General Amenities |
| 3. Ms. V. Grace Vinila Selin (CSE) | - Academic          |
| 4. Ms. S. Vasuki (CIVIL)           | - Gardening         |
| 5. Ms. R. Jeya Bharathi (EIE)      | - Sports            |

**I Year Representatives**

- |                                    |                     |
|------------------------------------|---------------------|
| 1. Ms. Shurya (BT)                 | - Mess              |
| 2. Ms. Vyshali Rajeswari (CSE)     | - General Amenities |
| 3. Ms. Sowmya (CSE)                | - Academic          |
| 4. Ms. Jani Begam (MTR)            | - Gardening         |
| 5. Ms. Monica Munesh Narmadha (IT) | - Sports            |

**Boy's Hostel Student Council Members**

Mr. B. Vasanth (PT)	- General Secretary
Mr. R. Arun Kumar	- Deputy General Secretary
Mr. Vincent Ramesh Kumar	- PG Coordinator
Mr. S. Purushothaman	- I Yr Coordinator
Mr. P.Sivarajan	- II Yr Coordinator
Mr. T. Santhano Vignesh	- III Yr Coordinator
Mr. C. Gajeenthiran	- IV Yr Coordinator

**IV Year Representatives**

1. Mr. B. Ashok Kumar (CSE) & Mr. E. Selva Kumar (MECH)	-General Maintenance
2. Mr. M. Eshwaran (IT) & Mr. K. Ram Kumar (EEE)	-Mess
3. Mr. S. Sudharsan (CIVIL) & Mr. A. Rajadurai (EIE)	- Sports

**III Year Representatives**

1. Mr. P. Arun (MECH)	-General Maintenance
2. Mr. R. Rengarajan (IT)	-Mess
3. Mr. J. Venkatesh (CIVIL)	- Sports

**II Year Representatives**

1. Mr. T. Thilipan (ECE)	-General Maintenance
2. Mr. P. Kamaraj Pandian (EEE)	-Mess
3. Mr. K. Prahaspathi (PT)	- Sports

**I Year Representatives**

1. Mr. V. Alagu Shankar (CIVIL)	-General Maintenance
2. Mr. O. V. Sasidharan (EIE)	-Mess
3. Mr. B. Nageshwaren (PT)	- Sports

**Criterion V : Annexure 10 (Refers 5.3.6)****Table 34: ISTE Activities-Student Chapter**

.	CSE	IT	MECH	Civil	EIE	EEE	ECE	PT	BT
Total no of ISTE members	1	2	6	6	4	12	1	6	5

**ISTE-Bio technology****Student Representatives:**

S.No	Name of the representative	Year of study
1.	Girls :Mira Chares, Hema, Sowmiya, Sruthi, Karthikeyan, Ashok Raj, Jaya Prakash	II B.Tech., Biotech
2.	SoundaryaPriyaHarunya, Mukesh B Kishore Promod	III B.Tech. Biotech
3.	Sheshan, Neelakandan	IV B.Tech.Biotech

**ISTE Activity :**

S. No	Academic Year	Date	Name of the Activity/ event	Number of students participated
1.	2013-2014	22.08.2013	Crossword Puzzle	14
2.		23.08.2013	Mish Mash	48
3.		27.08.2013	Kurukshetra (Technical Quiz)	22
4.		29.08.2013	Pix it right	33
5.		30.08.2013	Sync Struck	36
6.		03.09.2013	Model making	18

**ISTE- Civil Engineering  
Student Representatives**

S.No	Name of the representative	Year of study
1.	S.Karthik, S.NithyaGayathri	IV B.E, Civil
2.	J.K.RoopaSalette, P.Ravichandran	III B.E, Civil
3.	S. Jothiroshini, K.Manikandan	II` B.E, Civil

**ISTE Activity :**

S. No	Academic Year	Date	Name of the Activity/ event	Number of students participated
1.	2013-2014	06/08/13 & 07/08/13	CADD Contest / Compression Test (Final Year)	14
2.		31/08/13	Model Making (Third year)	48
3.		12/08/13	Power Point Presentation (Second Year)	22
4.		11/10/13	Guest Lecture Er.S.Kalirajan Additional Chief Engineer, Koodankulam Nuclear Power Corporation (Third Year)	33

**ISTE- Electronics and Communication Engineering  
Student Representatives**

S.No	Name of the representative	Year of study
1.	Mr. E. Vijay Raj	IV B.E, ECE

**ISTE Activity :**

S. No	Academic Year	Date	Name of the Activity/ event	Number of students participated
1.	2013-2014	06.07.13	Guest Lecture on career opportunities in core companies	140
2.		05.10.13	SPECTRUM'T13	137

**ISTE- Information Technology**  
**Student Representatives**

S.No	Name of the representative	Year of study
1.	Aravind.L	IV B.Tech., IT
2.	Mathangi.G	IV B.Tech., IT

**ISTE Activity**

S. No	Academic year	Date	Name of the Activity/ event
1.	2013-2014	29.07.2013	Technical Newspaper
2.		12.09.2013	Role Play
3.		12.09.2013	Technical Quiz
4.		03.03.2014	Code Debugging
5.		04.03.2014	Multimedia Presentation
6.		17.03.2014	Website Design Context

**ISTE- Computer Science and Engineering**  
**Student Representatives**

S.No	Name of the representative
1.	R.NavanethaKrishnan

**Student Activity**

S. No	Academic Year	Date	Name of the Activity/ event	Number of students participated
1.	2013-2014	18.09.2013	Technical Quiz Competition	132
2.		23.09.2013	Multimedia Design Contest	20
3.		10.10.2013	Debugging Contest	107
4.		04.02.2014	Imagination Pick N Splash	70
5.		27.03.2014	Creative Paper Presentation	10
6.		29.03.2014	Poster Presentation	5

**ISTE- Polymer Technology****Student Representatives**

S.No	Name of the representative
1.	Mr.Lokesh
2.	S.Anita
3.	K.DivyaBharathi
4.	R.Kodeeswaran
5.	K.Akilan
6.	Mr.NagarajanIyer

**Student Activity**

S. No	Academic Year	Date	Name of the Activity/ event	Number of students participated
1.	2013-2014	12.9.13	Industry Defined Problems	27
2.		12.9.13	Technical Quiz	27
3.		1.3.14	Brand Ambassador	10
4.		1.3.14	Tech Draw	10
5.		1.3.14	Polymer Awareness	15
6.		1.3.14	Application Display	12

**ISTE- Electrical and Electronics Engineering****Student Activity**

S.no	Academic Year	Date	Event name	Jury	No of students enrolled
<u>1</u>	2013-2014	18-10-13	Technical debate contest	Dr. D.Prince Winston	
<u>2</u>		AP/EEE,KCET	10		
<u>3</u>		18-01-14	Short film contest	Dr. D.Prince Winston	
<u>4</u>		AP/EEE,KCET			

**ISTE- ELECTRONICS AND INSTRUMENTATION ENGINEERING**

The following members are nominated as ISTE Student Chapter members for the academic year 2013-14.

**STUDENT CHAIR PERSON:**

Mahalakshmi.K(Final EIE)

**STUDENT SECRETARY:**

Cibiraj.N (Final EIE)

**STUDENT REPRESENTATIVES:**

S. No	Class	Names
1.	II EIE	Balakrishnan.K
2.	II EIE	Mirunalini.R
3.	III EIE	Vishnuganesh.V
4.	III EIE	Visali.K
5.	IV EIE	Jeevaraj.V.P
6.	IV EIE	MerylinAmrithaSing.D

**ISTE SUDENT CHAPTER EVENT DETAILS – 2013-14**

S.N O	DATE	EVENT	No of participan ts	RESOURCE PERSON
1	05.08.13	Drawing Competitio n	10	Mrs.J.Umamaheswari, AP/EIE, Kamaraj College of Engineering & Technology.
				Mrs.M.Rajagomathi, AP/EIE, Kamaraj College of Engineering & Technology.
2	14.09.13	Technical Quiz	48	ISTE third year representatives
3	17.10.13	Technical paper presentatio n	15	Mr.G.Dhanabalan, Head of the department, AP/EIE, Kamaraj College of Engineering & Technology.
4	22/01/20 14	Poster Presentatio n	14	B.Parameswaran
5	19/02/20 14	Guest Lecture on “Energy Conservati on	50	Er.T.Ravindrran.B.E,ExecutiveEngineer,TNEB,Sank arankovil
6	25/03/20 14	Guest Lecture on “Motivatio n”	50	Cr.Joel, Principal, British, American &Commenwealth Literature, Phonetics
7	10/04/20 14	Manageme nt War	20	Students

**ISTE-Mechanical Engineering**

Name of the student representatives during the academic year 2013-2014:

- 1) V.C.Venkat – IV Year
- 2) M.Bharathi Raja – IV Year
- 3) G.Gurusaravanan – III Year
- 4) K.G.DineshChand – III Year
- 5) .D.Sivaramakrishnan – II Year
- 6) K.VijayaBharathi – II Year

**Details of event:**

Sl. No	Event	Date	Total number of Stedents
1	Technical Quiz ( II Year)	08.10.2013	56
2	Technical Quiz ( III Year)	23.08.2013	60
3	Picture Perception ( IV Year)	08.10.2013	31
4	Picture Perception ( II Year)	03.03.2014	26(appro.)
5	Product Design ( III Year)	29.02.2014	32(appro.)

**Table 35: Class committee members**

	CSE	IT	MECH	Civil	EIE	EEE	ECE	PT	BT
Total no of Class committee members	24	12	18	20	4	16	20	6	12

**Table 36: CSI Activities for the academic year 2013-2014 (Dept:CSE)**

S.No.	Date	Name of the Event	No of Students
1	19.09.13	Seminar on Neural Network and its applications	139
2	21.09.13	Web Designing Contest	40
3	28.09.13	Rich Internet Application Workshop	60
4	5.10.13	Seminar on Data Mining	139
5	28.01.14	Guest Lecture on Grid Computing	139
6	15.02.14	Guest Lecture on “Writing syntax Directed Translation Rules	127
7	18.02.14	Language Explorer Contest	144
8	21.02.14	Workshop on Matlab and its Applications for Engineering Computations	135

**Table 37: TRAINING PROGRAMMES ORGANISED DURING 2013 – 2014**  
2014 BATCH

S.No.	Dates	Programme	Conducted by	No. of Participants
1.	03.09.2013 TO 07.09.2013	Question Paper Discussion	SMART	656

2015 BATCH

S.No.	Dates	Programme	Conducted by	No. of Participants
1	Throughout II Semester (For all branches)	Internal Trainers (Faculty members of all Dept.)	Skill Development Programme	764

2017 BATCH

S.No.	Dates	Programme	Conducted by	No. of Participants
1.	Throughout VI Semester ( For CSE, IT, EEE, ECE, EIE Students)	Programming	Find mind	458

**Table 38: GARDENING CLUB ACTIVITIES (2013-14)**

Sl.No.	EVENT / Activity	DATE	Total No. of Students Participated
1	Introduction to Gardening	20/01/2014	58
2	Campus Garden visit	27/01/2014	46
3	Soil conditioning (soil mixture preparation & filling in polythene pocket / pot)	03/02/2014	21
		10/02/2014	30
4	Seedling / cutting plantation in pocket / pot	03/02/2014	24
		10/02/2014	19
5	Cross pollination & Crossing in Hybiscus plant	17/03/2014	28
		24/03/2014	24
6	Overview of common medicinal plants and usage	21/04/2014	36

**Table 39: Quality circle members (2013-14)**

<b>2013-14</b>	<b>CSE</b>	<b>IT</b>	<b>MECH</b>	<b>Civil</b>	<b>EIE</b>	<b>EEE</b>	<b>ECE</b>	<b>PT</b>	<b>BT</b>
Total no of quality circle members	4	4	4	4	4	4	4	4	4

**Table 40: Placement cell members (2013-14)**

<b>2013-14</b>	<b>CSE</b>	<b>IT</b>	<b>MECH</b>	<b>Civil</b>	<b>EIE</b>	<b>EEE</b>	<b>ECE</b>	<b>PT</b>	<b>BT</b>
Total no of placement cell members	2	2	2	2	2	9	2	2	6

# **SUPPORTING DOCUMENTS**



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

F.No. Southern/1-2017272151/2014/EOA

Date: 04-Jun-2014

To,  
The Principal Secretary  
(Higher Education) Govt. of Tamil Nadu,  
N. K. M. Bld. 6th Floor Secretariat,  
Chennai-600009

Sub: Extension of approval for the academic year 2014-15

Ref: Application of the Institution for Extension of approval for the academic year 2014-15

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	Southern	Application Id	1-2017272151
		Permanent Id	1-10939912
Name of the Institute	KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY	Institute Address	S.P.G.C.NAGAR POST BOX 12 K. VELLAKULAM VIRUDHUNAGAR, VIRUDHUNAGAR, VIRUDHUNAGAR, Tamil Nadu, 626001
Name of the Society/Trust	KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY MANAGING BOARD	Society/Trust Address	S.P.G. CHIDAMBARA NADAR - C. NAGAMMAL CAMPS, S.P.G.C. NAGAR, POST BOX NO.12,VIRUDHUNAGAR,VIRUDHUNAGAR,Tamil Nadu,626001
Institute Type	Unaided - Private		

Opted for change from Women to Co-ed	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

to conduct following courses with the intake indicated below for the academic year 2014-15

Application Number: 1-2017272151\*

Page 1 of 5

Note: This is a Computer generated Letter of Approval.No signature is required.

Letter Printed On:5 June 2014

Printed By : AE3371043



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

Application Id: 1-2017272151			Course	Affiliating Body	Mode of Study	Duration (Months)	Medium of Instruction	Language of Instruction	Mode of Assessment	Mode of Admission
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	BIOMETRICS & CYBER SECURITY	FULL TIME	Anna University, Chennai	0	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	BIOTECHNOLOGY	FULL TIME	Anna University, Chennai	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMMUNICATION AND NETWORKING	FULL TIME	Anna University, Chennai	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	0	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MANUFACTURING ENGINEERING	FULL TIME	Anna University, Chennai	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POLYMER SCIENCE & ENGINEERING	FULL TIME	Anna University, Chennai	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER SYSTEMS ENGINEERING	FULL TIME	Anna University, Chennai	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Anna University, Chennai	18	18	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	BIOTECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	NA	NA	N

Page 2 of 5

Application Number: 1-2017272151\*

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Application Id: 1-2017272151			Course	Duration	Applying Body	1st Year	2nd Year	3rd Year	4th Year	5th Year
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND INSTRUMENTATION ENGINEERING	FULL TIME	Anna University, Chennai	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS & COMMUNICATION ENGG	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Anna University, Chennai	60	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Anna University, Chennai	120	120	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHATRONICS	FULL TIME	Anna University, Chennai	0	60	NA	NA	N
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	POLYMER TECHNOLOGY	FULL TIME	Anna University, Chennai	45	60	NA	NA	N



All India Council for Technical Education  
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001  
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 [www.aicte-india.org](http://www.aicte-india.org)

- Validity of the course details may be verified at [www.aicte-india.org](http://www.aicte-india.org)>departments>approvals

The above mentioned approval is subject to the condition that KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY shall follow and adhere to the Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal and subsequently upload and update the student/ faculty/ other data on portal as per the time schedule which will be intimated by AICTE.

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

(Dr. Kuncheria P. Isaac)

Member Secretary, AICTE

Copy to:

1. **The Regional Officer,**  
All India Council for Technical Education  
Shastri Bhawan 26, Haddows Road  
Chennai - 600 006, Tamil Nadu
2. **The Director Of Technical Education,**  
Tamil Nadu
3. **The Registrar,**  
Anna University, Chennai
4. **The Principal / Director,**  
KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY  
S.P.G.C.NAGAR POST BOX 12  
K. VELLAKULAM  
VIRUDHUNAGAR,  
VIRUDHUNAGAR,VIRUDHUNAGAR,  
Tamil Nadu,626001
5. **The Secretary / Chairman,**  
KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY MANAGING BOARD  
S.P.G. CHIDAMBARA NADAR - C. NAGAMMAL CAMPS, S.P.G.C. NAGAR,

Application Number: 1-2017272151\*

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Letter Printed On:5 June 2014

23236351, 23232701, 23237721, 23234116  
23235733, 23232317, 23236735, 23239437

[www.ugc.ac.in](http://www.ugc.ac.in)

F. 8-339/2006 (CPP-I)

The Registrar,  
Anna University,  
Chennai-600 025 (Tamilnadu)



विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110 002

UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110 002

June, 2007

12 JUN 2007

**Sub:- List of Colleges prepared under Section 2 (f) of the UGC Act, 1956-Inclusion of New College-**

Sir,

I am directed to refer to the letter No. KCET/UGC/2007-08/1261 dated 17.04.2007 received from the College on the subject cited above and to say that the name of the following College has been included in the list of Colleges prepared under Section 2 (f) of the UGC Act, 1956 under the head Non-Government Colleges teaching upto Post Graduate Degree:-

Name of the College	Year of Establishment	Remarks
Kamaraj College of Engineering & Technology, S.P.G. C. Nagar, Post Box No. 12, Virudhunagar-626 001 (Tamilnadu). <u>(On temporary affiliation)</u>	1998	The College is <u>not</u> eligible to receive Central assistance in terms of the Rules framed under Section 12-B of the U.G.C Act, 1956.

The documents submitted in respect of the above College have been accepted by the Commission.

Yours faithfully

(Mrs. Urmil Gulati)  
Under Secretary

Copy to:-

1. The Principal, Kamaraj College of Engineering & Technology, S.P.G. C. Nagar, Post Box No. 12, Virudhunagar-626 001 (Tamilnadu).
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Secondary & Higher Education, Shastri Bhawan, New Delhi-110 001.
3. The Secretary to the Government of Tamilnadu, Department of Higher Education, Chennai (Tamilnadu).
4. The Joint Secretary, UGC, South Eastern Regional Office, P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad-500 001 (A.P).
5. Publication Officer (Website-UGC), New Delhi.
6. Section Officer, FD-III Section, UGC, New Delhi.
7. All Sections, UGC, New Delhi.
8. Guard file.

(Mrs. Urmil Gulati)  
Under Secretary

# ANNA UNIVERSITY

CHENNAI - 600 025, INDIA

Phone : (O) 22352161, 22357004

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

REGISTRAR

Lr No. 02 /AFFLN/CAI/AU/TVL/2014-15/9204

Date: 05-07-2014

To

The Principal,  
Kamaraj College of Engineering and Technology, S.P.G  
Chidambaram Nadar, C. Nagammal campus, S.P.G  
C.Nagar, Post Box.No:12, Virudhunagar-626001

Sir,

Sub: AU - AFFILIATION - Provisional Affiliation for the existing course(s) / New course(s) / variation in intake - U.G. / P.G. for the academic year 2014-15 Granted - Reg.

- Ref: 1. Your application for affiliation for the academic year 2014-15  
2. AICTE Approval for the academic year 2014-15.

I am to inform that under the provisions of Section 7.6.1 of the Statutes for affiliation of Anna University, Chennai, **Provisional Affiliation** for the continuation of the existing course(s) / new course(s) / variation in intake in the existing course(s) is granted for the following U.G / P.G. courses with the sanctioned intake mentioned against each course for the academic year **2014-15** at Kamaraj College of Engineering and Technology, S.P.G Chidambaram Nadar, C. Nagammal campus, S.P.G C.Nagar, Post Box.No:12, Virudhunagar-626001.

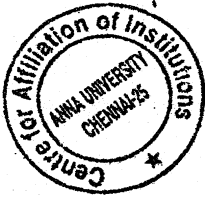
Sl. No.	Degree	Course(s)	Sanctioned Intake	
			2013-14	2014-15
1	B.E.	Civil Engineering	120	120
2	B.E.	Computer Science and Engineering	120	120
3	B.E.	Electrical and Electronics Engineering	120	120
4	B.E.	Electronics and Communication Engineering	120	120
5	B.E.	Electronics and Instrumentation Engineering	60	60
6	B.E.	Mechanical Engineering	120	120
7	B.Tech.	Bio-Technology	60	60
8	B.Tech.	Information Technology	60	60
9	B.Tech.	Polymer Technology	45	60
10	M.E.	Communication and Networking	18	18
11	M.E.	Manufacturing Engineering	18	18
12	M.E.	Power System Engineering	18	18
13	M.E.	Structural Engineering	18	18
14	M.Tech.	Bio-Technology	18	18
15	M.Tech.	Polymer Science and Engineering	18	18
16	M.E.	Computer Science and Engineering	-	18
17	B.E.	Mechatronics	-	60
18	M.E.	Biometrics & Cyber Security	-	18
19	M.Sc.	Software Systems	-	60

The above said Provisional Affiliation is being granted subject to the fulfillment of the conditions mentioned below:

- Production of Originals of AICTE / COA / DGS approval and all other related documents for verification, whenever demanded by the University.
- Verification by a committee towards the fulfillment of the conditions mentioned above and the continued fulfillment of the requirements for the above-mentioned course(s) as per the norms and standards of AICTE and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for the above courses. In the event of any violation/infringement of the above said conditions and / or the provisions of Anna University, Chennai Act / Statutes / Regulations, AICTE Act, norms & standards / regulations / guidelines or any other law time being in force, suitable action including suspension / withdrawal of affiliation of course(s) may be initiated against the college.
- Under no circumstances, fresh admission be made in the above course(s) during the academic year 2015-16, until and unless the continuation of provisional affiliation is obtained from the University.

The Provisional Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of TAMILNADU Reforms (LC) Act 1961 subject to the decision of the Hon'ble High Court of Madras in W.A. No. 3454 / 2002 batch and W.A. No. 3482 / 2002 batch.

The Chairman should submit an undertaking duly signed on a Rs.100/- non-judicial stamp paper to The Registrar, Anna University, Chennai 600 025, within 15 days from the date of receipt of this letter stating that the conditions specified above be fulfilled and The Chairman is aware of the fact that the University may conduct surprise inspections to verify the fulfillment of requirements as per the norms and standards of Anna University for the continuation of affiliation.



Copy to:

Yours sincerely,

  
REGISTRAR  
REGISTRAR  
ANNA UNIVERSITY  
CHENNAI-600 025

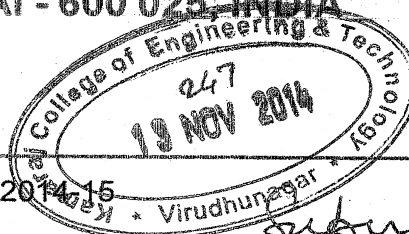
1. The Commissioner of Technical Education, DOTE campus, Chennai - 600 025.
2. The Regional Officer, Southern Regional Office, AICTE, 26, Haddows Road, Shastri Bhawan, Chennai 600 006.
3. The Controller of Examinations, Anna University, Chennai - 600 025.
4. The Director, Student Affairs, Anna University, Chennai - 600 025.
5. Master file.



# ANNA UNIVERSITY

CHENNAI - 600 025, INDIA

REGISTRAR



Phone : (O) 22352161, 22357004

Fax : 91-44-2235 1956

Gram : ANNATECH

E-mail : registrar@annauniv.edu

Lr. No. 467 / CAI / Permanent Affln. / 2014-15

Dated: 10.11.2014

To

The Principal,  
**Kamaraj College of Engineering and Technology,**  
S.P.G. Chidambara Nadar – C. Nagammal Campus,  
S.P.G.C Nagar, NH – 7, Virudhunagar – Madurai Road,  
Post Box.No.12, Virudhunagar District - 626 001.

*Submitted to*  
*The Secretary*  
*13/11/14*

Sir,

Sub: **Permanent Affiliation** - Granting of Permanent Affiliation for the existing programmes – 2014-15 – Reg.

Ref: Your application for the grant of Permanent Affiliation.

\*\*\*\*\*

I am to inform that under the provisions of section 7.6.2 of the Anna University statutes for affiliation, **Permanent Affiliation** for the existing programme(s) is granted for the following B.E. / B.Tech. / B.Arch. / M.E. / M.Tech. / M.B.A / M.C.A programme(s) with the sanctioned intake indicated against each from the academic year 2014-15 at **Kamaraj College of Engineering and Technology, S.P.G.ChidambaraNadar–C.Nagammal Campus, S.P.G.C Nagar, NH–7, Virudhunagar–Madurai Road, Post Box.No.12, Virudhunagar District - 626 001.**

Sl. No.	Degree	Programme(s)	Sanctioned intake	Year from which Permanent Affiliation is granted
1	B.E.	Computer Science and Engineering	120	2014-15
2	B.E.	Electrical and Electronics Engineering	120	
3	B.E.	Electronics and Communication Engineering	120	
4	B.E.	Electronics and Instrumentation Engineering	60	
5	B.Tech.	Bio-Technology	60	
6	B.Tech.	Information Technology	60	

The above said status of Permanent Affiliation is granted subject to the following conditions:

1. The college should obtain extension of approval by the UGC / AICTE / COA / DGS as applicable for every academic year for the above mentioned programmes with the corresponding sanctioned intake. In the absence of extension of approval from the appropriate authority, the Permanent Affiliation now granted will not be valid.

2. In case of increase in intake granted by the appropriate authority for a permanently affiliated programme, the college should apply to the University for the grant of affiliation for the increased intake and orders of the University should be obtained for increasing the intake of the permanently affiliated programme.
3. The college should continue to fulfill the requirements for the above mentioned programmes as per the norms and standards of the University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for these programmes.
4. The college should strictly adhere to and comply with the provisions of Anna University Act / Statutes / Regulations norms and standards / guidelines or any other law time being in force.
5. The permanent affiliation granted may be suspended / withdrawn after adopting the procedures laid down in the Regulations, if the college fails to comply with the provisions made in this behalf or the college has failed to observe / implement any of the conditions of affiliation or the college has conducted in a manner which is prejudicial to the interests of University education and/or students.
6. Notwithstanding the granting of Permanent Affiliation, the university reserves its right to inspect the college to verify the continued fulfillment of the affiliation requirements as prescribed by the University for the Programmes concerned.
7. The Permanent Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of Tamil Nadu Land Reforms (LC) Act 1961 subject to the decision of the Hon'ble High Court of Madras in W.A.No. 3454 / 2002 batch and W.A.No. 3482 / 2002 batch.
8. The Management is directed to submit a duly signed undertaking on a Rs.100/- non-judicial stamp paper to the Registrar, Anna University Chennai, Chennai-600 025, within 15 days from the date of receipt of this letter to the effect that the conditions specified above will be fulfilled.

Yours sincerely



*15/11/14*  
*hs 10/11/14*  
**REGISTRAR**  
**REGISTRAR**  
**ANNA UNIVERSITY**  
**CHENNAI-600 025**

*Ch*  
Copy to:

1. The Commissioner of Technical Education, Chennai – 600 025.
2. The Controller of Examinations, Anna University Chennai, Chennai – 600 025.
3. The Director, Student Affairs, Anna University Chennai, Chennai – 600 025.
4. The Director, Academic Courses, Anna University Chennai, Chennai – 600 025.
5. Master File.



BT  
ANNA UNIVERSITY OF TECHNOLOGY TIRUNELVELI  
TIRUNELVELI - 627 007  
CENTRE FOR RESEARCH

**Dr.M.SUBRAMANIAN, Ph.D.**  
**Director**

Office: 0462-2551298

E-mail: directorresearchtvl@gmail.com

Lr. No. 226/IR/ENG/Kamaraj/Bio Tech/2011

Date: 16.03.2011

To

The Principal,  
Kamaraj College of Engineering & Technology  
S.P.G Chidambaram Nadar  
C.Nagammal Campus  
S.P.G C. Nagar, Post Box.No:12,  
Virudhunagar - 626 001.

Sir,

Sub: Anna University of Technology Tirunelveli - Ph.D. / M.S. (By Research) Programme -  
Collaborative Research Programme with Anna University of Technology Tirunelveli -  
Recognition of department - Orders - Communicated.

Ref: Research Committee meeting held on: 15.03.2011

\*\*\*\*\*

I am pleased to inform you that the Department of Biotechnology of your Institution has been recognized as a research centre with effect from March 16, 2011. The faculty members of this department can interact with Anna University of Technology Tirunelveli for Collaborative research for the purpose of pursuing Ph.D. / M.S (By Research) programmes.

The recognized supervisors working in the above department may be permitted to guide candidates to carryout Ph.D. / M.S. (By Research) in the above department relevant to their field of specialization. Please refer "Clause 7" of Ph.D. / M.S. (By Research) regulations.

The above recognition shall be renewed once in three years in compliance with the required norms for research centre including the availability of two faculty members with Ph.D. Degree in the broad area of research.

The next renewal application shall be made during March 2014 with renewal fee of Rs.5,000/-

Yours faithfully,

*U. Subramanian*  
16/3/11  
**DIRECTOR**  
**DIRECTOR (RESEARCH)**  
ANNA UNIVERSITY TIRUNELVELI  
TIRUNELVELI - 627 007

Encl: Norms for Institute Recognition.



ANNA UNIVERSITY OF TECHNOLOGY TIRUNELVELI  
TIRUNELVELI - 627 007  
CENTRE FOR RESEARCH

Dr.M.SUBRAMANIAN, Ph.D.  
Director

Office: 0462-2551298

E-mail: directorresearchtv1@gmail.com

Lr. No. 255/DR/ENG/Kamaraj/Chemistry/2011

Date: 08.06.2011

To

To  
The Secretary  
Kamaraj  
9.6.11

Seen  
Kumar  
9/6

The Principal,  
Kamaraj College of Engineering & Technology  
S.P.G Chidambaram Nadar  
C.Nagammal Campus  
S.P.G C. Nagar, Post Box.No:12,  
Virudhunagar – 626 001.

S.,

Sub: Anna University of Technology Tirunelveli – Ph.D. / M.S. (By Research) Programme –  
Collaborative Research Programme with Anna University of Technology Tirunelveli –  
Recognition of Research Department – Orders – Communicated.

Ref: Research Committee meeting held on: 08.06.2011

\*\*\*\*\*

I am pleased to inform you that the Department of Chemistry of your Institution has been recognized as a Research Department with effect from June 08, 2011. The faculty members of this department may interact with Anna University of Technology Tirunelveli for collaborative research for the purpose of pursuing Ph.D. / M.S (By Research) programmes.

The recognized supervisors working in the above department may be permitted to guide candidates to complete Ph.D. / M.S. (By Research) in the above department relevant to their field of specialization. Please refer "Clause 7" of Ph.D. / M.S. (By Research) regulations.

The above recognition shall be renewed once in three years in compliance with the required norms for Research Department including the availability of two faculty members with Ph.D. Degree in the broad area of research.

The next renewal application shall be made during June 2014 with renewal fee of Rs.5,000/-

Yours faithfully,

U. Subramanian  
DIRECTOR

DIRECTOR (Research)  
ANNA UNIVERSITY OF TECHNOLOGY TIRUNELVELI  
TIRUNELVELI - 627 007

Encl: Norms for Institute Recognition.

8/11/11

1/2



Prof. USHA NATESAN, Ph.D.  
DIRECTOR

ANNA UNIVERSITY  
CENTRE FOR RESEARCH  
Sardar Patel Road  
Chennai - 600 025, India

Lr. No.959/IR/EEE/AR1

To  
The Principal  
Kamaraj College of Engineering & Technology  
S.P.G.C. Nagar  
Virudhunagar – 626 001.

Date: 4 .01.2013

TO  
The Secretary  
for  
9.1.13

Sir/Madam,

Sub: Ph.D. / M.S. (By Research) Programme – Collaborative research programme  
– Recognition as research centre – Orders - Communicated.

Ref: Res.No.20.06 of the 20<sup>th</sup> Research Board Meeting held on 30.11.2012.

\*\*\*\*\*

I am by direction to inform that the Department of Electrical and Electronics Engineering of your Institution has been recognized as a research centre with effect from January 2013. The faculty members of this department can interact with Anna University for collaborative research for the purpose of pursuing Ph.D. / M.S. (By Research) programmes.

The recognized supervisors working in the above department may be permitted to guide candidates to carryout Ph.D./M.S.(By Research) programme relevant to their field of specialization. Please refer "clause 7" of Ph.D./M.S. (By Research) Regulations.

The above recognition shall be renewed once in three years in compliance with the required norms for research centre including the availability of two faculty members with Ph.D. Degree in the broad area of research.

The next renewal application in the prescribed format available in our website: [www.annauniv.edu/research](http://www.annauniv.edu/research) along with the number of papers published in SCI journals during the recognized period shall be made during **December 2015** with a renewal fee of Rs.5,000/-.

Usha Natesan  
DIRECTOR

Encl: 1. Norms for Institute Recognition.  
2. Ph.D. and M.S. (By Research) Regulations.

BY  
4/1 @ 04/1/13

TO  
D:  
F: 4/1  
M:



*Physics*

**CENTRE FOR RESEARCH  
ANNA UNIVERSITY  
CHENNAI - 600 025**

Dr. USHA NATESAN  
Director

Office : +91 44 2235 0361  
          +91 44 2235 7025  
          +91 44 2235 7027  
Fax : +91 44 2220 1213  
E-mail : [dirresearch@annauniv.edu](mailto:dirresearch@annauniv.edu)  
          [dirresearch@gmail.com](mailto:dirresearch@gmail.com)

Lr. No.959/IR/Physics/ARI

Date: 21.08.2012

To  
The Principal  
Kamaraj College of Engineering & Technology  
S.P.G.C. Nagar, Virudhunagar - 626 001.

*30*  
*The Secretary*  
*for*  
*filed*

Sir/Madam,

Sub: Ph.D. / M.S. (By Research) Programme – Collaborative research programme  
– Recognition as research centre – Orders - Communicated.

Ref: Res.No.19.04 of the 19<sup>th</sup> Research Board Meeting held on 02.07.2012.

\*\*\*\*\*

I am by direction to inform that the Department of Physics of your Institution has been recognized as a research centre with effect from July 2012. The faculty members of this department can interact with Anna University for collaborative research for the purpose of pursuing Ph.D. / M.S. (By Research) programmes.

The recognized supervisors working in the above department may be permitted to guide candidates to carryout Ph.D./M.S.(By Research) programme relevant to their field of specialization. Please refer "clause 7" of Ph.D./M.S. (By Research) Regulations.

The above recognition shall be renewed once in three years in compliance with the required norms for research centre including the availability of two faculty members with Ph.D. Degree in the broad area of research.

The next renewal application in the prescribed format along with the number of papers published in SCI journals during the recognized period shall be made during June 2015 with a renewal fee of Rs.5,000/-.

*Usha Natesan*  
**DIRECTOR**

- Encl: 1. Norms for Institute Recognition.  
2. Ph.D. and M.S. (By Research) Regulations.

*Seen*  
*21/8*  
*21/8/12*  
*16/10/12*



PT  
ANNA UNIVERSITY TIRUNELVELI  
TIRUNELVELI – 627 007  
CENTRE FOR RESEARCH

DIRECTOR

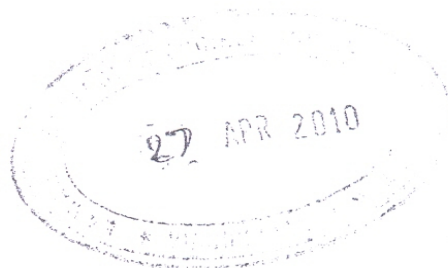
Lr. No. 104/IR/ENG/Kamaraj/Polv Tech/2010

To

The Principal,  
Kamaraj College of Engineering & Technology  
S.P.G Chidambaram Nadar  
C.Nagammai campus  
S.P.G C.Nagar, Post Box.No:12,  
Virudhunagar – 626 001

submitted to secretary

27/4  
Date: 23.04.2010



Sir,

Sub: Anna University Tirunelveli – Ph.D. / M.S. (By Research) Programme –  
Collaborative Research Programme with Anna University Tirunelveli –  
Recognition of department – Orders – Communicated.

Ref: Research Committee meeting held on: 22.04.2010

\*\*\*\*\*

I am Pleased to inform you that the Department of Polymer Technology of your Institution has been recognised as a research centre with effect from April 23, 2010. The faculty members of this department can interact with Anna University Tirunelveli for Collaborative research for the purpose of pursuing Ph.D. / M.S (By Research) programmes.

The recognised supervisors working in the above department may be permitted to guide candidates to carryout Ph.D. / M.S. (By Research) in the above department relevant to their field of specialization. Please refer "Clause 7" of Ph.D. / M.S. (By Research) regulations.

The above recognition shall be renewed once in three years in compliance with the required norms for research centre including the availability of two faculty members with Ph.D. Degree in the broad area of research.

The next renewal application shall be made during April 2013 with renewal fee of Rs.5,000/-

Yours faithfully,

M. [Signature]  
23/4/10

DIRECTOR

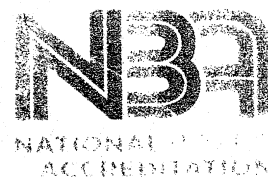
DIRECTOR (RESEARCH)  
ANNA UNIVERSITY TIRUNELVELI  
TIRUNELVELI - 627 007

Encl: Norms for Institute Recognition.

Seen  
R. Mahalingam

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisham Pitamah Marg  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682

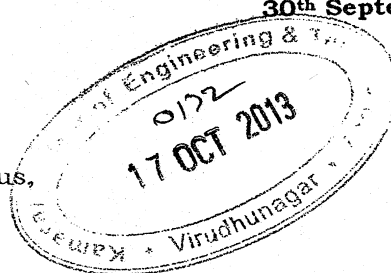


F. No.33-231/2010/NBA

30<sup>th</sup> September, 2013

To

The Principal  
Kamaraj College of Engineering and Technology  
S.P.G Chidambara Nadar – C. Nagammal Campus,  
S.P.G.C Nagar, Post Box No. 12,  
Virudhunagar – 626 001  
Tamil Nadu



**Sub: Accreditation status of programmes applied by Kamaraj College of Engineering and Technology, Tamil Nadu**

Dear Sir/ Madam

This has reference to your application dated 16.02.2012 seeking accreditation of National Board of Accreditation to various Programmes offered by your institution.

2. An Expert Committee conducted an on-site evaluation of the programmes during 5<sup>th</sup> – 7<sup>th</sup> July, 2013. The report submitted by the Expert Committee was considered by the Engineering Accreditation Evaluation Committee (EAEC) at its meeting held on 5<sup>th</sup> – 7<sup>th</sup> September, 2013. The recommendations of EAEC were considered by the Sub- Committee of Academic Advisory Committee at its meeting held on 11.09.2013. The Executive Committee of the National Board of Accreditation considered the recommendations of Sub-Committee at its meeting held on 18<sup>th</sup> September, 2013. The Executive Committee approved the accreditation status of the programmes as given in the table below:

Sl. No	Name of the Programme	Accreditation Status	Period of validity w.e.f. 18.09.2013	Remarks
(1)	(2)	(3)	(4)	(5)
1	B. Tech- Biotechnology	Provisional accreditation	2 years	Accreditation status granted is valid for the period indicated in col.4 or till the programme has the approval of the competent authority, whichever is earlier.
2	B.E.- Electrical and Electronics Engineering	Provisional accreditation	2 years	

3. The accreditation status awarded to the programmes as indicated in the above table does not imply that the accreditation has been granted to Kamaraj College of Engineering and Technology, Tamil Nadu as a whole. **As such the institution should nowhere along**

*D. K. Balivol*

with its name including on its letter head etc., write that it is accredited by NBA because it is programme accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the programme(s) accredited, level of programmes (UG or PG as the case may be) and the period of validity of accreditation, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

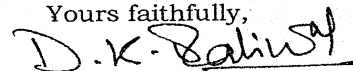
4. The accreditation status of the above programmes is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programmes as indicated in the table in paragraph 2, appears on the website and information bulletin of your institution.

5. The accreditation status awarded to the programmes as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

6. Copies of the Comprehensive Report submitted by the Chairman of the Expert Committee along with the detailed reports submitted by the Expert team which visited your institution for the programme evaluated are enclosed for reference and for taking necessary action to overcome the shortcomings, if any, pointed out by the Expert Team.

7. If the institution is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,



(Dr. D.K. Paliwal)  
Member Secretary

**Note:** - Under Para 3.4.4 of Chapter 3 of the Manual of Accreditation 2013, it is provided that the application for accreditation received in an academic year will be considered in next academic year. Therefore, the institute may apply, if it so desires, in the academic year 2014-15 for full accreditation of the provisionally accredited programmes in order to have continuation of accreditation.

**Encls:** Copies of Comprehensive Report of Chairman and Expert Report of the Visiting Team

**Copy to:**

1. The Member Secretary,  
AICTE, Chanderlok Building,  
Janpath, New Delhi- 110 001
2. The Vice Chancellor  
Anna University, Guindy  
Chennai - 600 025
3. The Secretary,  
Department of Technical Education  
Government of Tamil Nadu, Chennai - 600 009, Tamil Nadu

4. The Regional Officer  
All India Council for Technical Education  
Southern Regional Office, 26, Haddows Road,  
Shastri Bhawan, Chennai- 660 006
5. Accreditation File
6. Master Accreditation file of the State.

# NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4<sup>th</sup> Floor, Bhisham Pitamah Marg,  
Pragati Vihar, New Delhi-110 003  
Tel: +91 11 2436 0620, 2436 0654 Telefax: +91 11 2436 0682



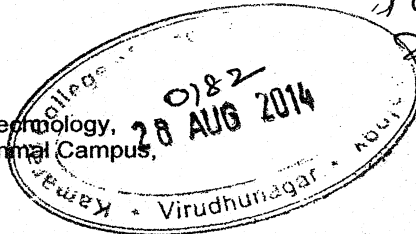
NATIONAL BOARD  
of ACCREDITATION

22<sup>nd</sup> August, 2014

File No. 33-231/2010/NBA

To,

The Principal  
Kamaraj College of Engineering & Technology,  
S.P.G Chidambara Nadar - C.Nagamalai Campus,  
S.P.G Nagar, Post box no 12,  
Virudhunagar - 626 001  
Tamil Nadu



10  
The Secretary  
for  
28/8/14

**Subject:** Decision on appeal against non- accreditation of UG- Polymer Technology program of Kamaraj College of Engineering & Technology, Tamil Nadu.

Sir,

This has reference to appeal dated 20.06.2014 filed by you against the decision not to grant accreditation to UG- Polymer Technology program of your College.

2. The Appeal was considered by the Appellate Committee of NBA in its meeting held on 18.07.2014. The recommendation of the Appellate Committee was considered by the Sub-Committee of General Council of NBA at its meeting held on 06<sup>th</sup> August 2014. Based on the decision taken by the Sub-Committee, accreditation status of the program is given in the table below:

Sl. No	Name of the Program	Basis of Evaluation	Accreditation Status	Period of validity w.e.f. 06.08.2014	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	UG- Polymer Technology	May 2011 Document	Provisional Accreditation	2 years	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.

3. The accreditation status awarded to the program as indicated in the above table does not imply that the accreditation has been granted to Kamaraj College of Engineering & Technology, Tamil Nadu as a whole. **As such the College should nowhere along with its name including on its letter head etc., write that it is accredited by NBA because it is program accreditation and not institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously.** Complete name and level of the program accredited and the period of validity of accreditation, as well as the date from which the accreditation is effective, should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

4. The accreditation status of the above program is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited program as indicated in the table in paragraph 2, appears on the website and information bulletin of your College.

5. The accreditation status awarded to the program as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

Yours faithfully,

(Dr. Anil Kumar Nassa)  
Member Secretary

Copy to:

1. The Member Secretary,  
AICTE, Chanderlok Building,  
Janpath, New Delhi- 110 001

Contd...

2. The Vice Chancellor  
Anna University, Guindy  
Chennai – 600 025  
Tamil Nadu
3. The Secretary,  
Department of Technical Education,  
Government of Tamil Nadu  
Sardar Patel Road, Guindy, Chennai – 600 025  
Tamil Nadu
4. The Regional Officer  
All India Council for Technical Education  
Southern Regional Office, 26, Haddows Road,  
Shastri Bhawan, Chennai- 660 006  
Tamil Nadu
5. Accreditation File
6. Guard File.

**KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, VIRUDHUNAGAR.**  
**COLLEGE A/C**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2010**

EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
" Teaching Staff - Salary	3,73,82,805.00	By Tuition Fees	7,63,69,850.00
" Administrative Staff - Salary	45,40,333.00	" Development Fees	4,32,000.00
" Printing & Stationery	6,43,019.95	" Computer Amenities	16,23,000.00
" Principal - Salary	7,90,698.00	" Entrepreneurship Development Program Fees	5,41,000.00
" Honorarium Payments	29,06,005.00	" Course Fees	8,70,000.00
" Establishment	10,71,523.00	" Internet Facility	1,08,000.00
" Building Maintenance	9,12,892.70	" EDU - SAT Programme Fees	1,08,000.00
" Medical Expenses	26,656.00	" Stamp & Postage Fees	1,51,800.00
" Postage & Telegram, Telephone	1,54,991.54	" Unit Tests	19,90,750.00
" Traveling Expenses	3,73,918.50	" Education tours, visits, etc.	2,84,000.00
" Function Expenses	2,64,684.97	" Association & Seminar	7,10,262.08
" Extra Curricular Activities	1,34,666.93	" Industrial visit, PD program, EDP program, etc.	35,52,250.00
" Transport Expenses	3,23,693.00	" Exam and revaluation fees	82,475.00
" Sundry expenses	12,99,507.88	" Application Forms	8,450.00
" Temporary Shed Expenses	3,08,900.00	" Library Fine	10,753.00
" Gardening Expenses	8,40,847.00	" Dot Net- Technical Course Fees	14,700.00
" Equipments Maintenance	14,10,064.68	" Books Records & Instruments	9,35,002.80
" Two Wheeler TVS 50 Maintenance	6,115.25	" Lab Broken Articles Recovery	11,704.75
" Campus Improvements	3,56,838.00	" Tancet' 09	56,237.51
" University (Affiliation & Other) Fees	11,30,201.00	" ID Card	15,355.00
" Sports Activities	3,59,030.23	" Interest	9,60,701.00
" Maintenance expenses	10,10,494.90		
" Tech -Beats Expenses	12,233.00		
" Tech-O-Fest Expenses	32,858.00		
" Staff Development Expenses	1,07,447.25		
" Membership Fees	97,610.00		
" LIC group insurance	31,306.00		
" DTE, AICTE fees	1,15,460.00		
" Electrical Charges	31,00,500.00		
" News Papers and Magazine	11,64,632.20		
" Open House Programme	1,97,683.07		
" Bank Charges	11,168.00		
" Internet Charges	7,91,950.00		
" Provident Fund	26,96,027.00		
" Seminar Meeting Expenses	1,28,003.62		
" Depreciation	91,13,983.00		
C/f	7,38,48,747.67	C/f	8,88,36,291.14

EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
B/f	7,38,48,747.67	B/f	8,88,36,291.14
" Advertisement	4,64,321.80		
" General Repaires	76,539.00		
" Research & Development Programme	90,243.00		
" Placement Cell Expenses	6,277.00		
" Insurance Expenses	2,61,643.00		
" Staff Selection Expenses	49,877.30		
" Teaching Aid	63,000.00		
" Elect. & Comm. Lab Consumable	3,294.00		
" Polymer Lab Consumable	60,175.00		
" Workshop Consumable	44,465.00		
" Computer Lab Consumables	8,880.00		
" Elect. & Instru. Lab Consumable	29,727.50		
" Electrical & Electronics Lab Consumable	18,956.25		
" Mechanical Lab consumables	58,505.00		
" IT and Software Lab Consumables	1,977.00		
" Biotechnology Lab Consumable	2,86,724.00		
" Education tours, visits, etc.	5,54,894.00		
" Personality & Character Development	37,195.00		
" CCNA Fees	24,840.00		
" Uniform and Overcoat	61,560.65		
" Alumni Meeting Expenses	9,170.29		
" Excess of Income over Expenditure			
Transfer to KCET General Account	1,27,75,278.68		
<b>TOTAL</b>	<b>8,88,36,291.14</b>	<b>TOTAL</b>	<b>8,88,36,291.14</b>

Place : VIRUDHUNAGAR  
Date : 02.06.2010

(Er.S.P.G.C. SRIMURUGAN)  
PRESIDENT

(M.V.R.R. MANICKAVEL)  
SECRETARY

(V.V.R.J. SENKUTTUVAN)  
TREASURER



(R. RAJKUMAR)  
CHARTERED ACCOUNTANT  
M.No:27469

(S.C.N. THILEEBAN)  
VICE PRESIDENT

(S.S.S.M. SELVARAJAN)  
JOINT SECRETARY

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, VIRUDHUNAGAR.  
COLLEGE A/C  
INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2011

EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
" Teaching Staff - Salary	5,21,66,744.00	By Tuition Fees	10,05,35,926.00 ✓
" Administrative Staff - Salary	33,49,199.00	" Development Fees	43,993.00 ✓
" Principal - Salary	7,49,620.00	" Entrepreneurship Development Program Fees	22,42,000.00 ✓
" Honorarium Payments	5,78,662.00	" Course Fees	2,28,300.00 ✓
" Provident Fund	32,66,770.00	" Personality Development Programme Fees	22,42,000.00 ✓
" Employee State Insurance Corporation (ESI)	1,03,213.00	" Stamp & Postage Fees	2,11,950.00 ✓
" Establishment Expenditure	7,94,879.00	" Unit Tests	11,59,500.00 ✓
" Medical Expenses	35,300.50	" Placement Training Program	72,000.00 ✓
" Building Maintenance	45,008.00	" Special Amenities Fees	1,00,89,000.00 ✓
" Postage & Telegram, Telephone	1,87,560.54	" Uniform & Over Coat	1,27,788.00 ✓
" Travelling Expenses	5,72,462.25	" Books, Records & Instruments	41,31,509.90 ✓
" Function Expenses	6,42,013.49	" Education tours, visits, etc.	60,730.00 ✓
" Extra Curricular Activities	55,818.00	" Exam and revaluation fees	24,28,425.00 ✓
" Transport Expenses	32,487.00	" Application Forms	1,25,800.00 ✓
" Sundry expenses	16,03,726.09	" Library Fine	10,377.00 ✓
" Temporary Shed Expenses	8,451.00	" Lab Broken Articles Recovery	20,290.50 ✓
" Gardening Expenses	3,46,177.50	" Tancet' 10	67,431.50 ✓
" Equipments Maintenance	12,70,610.00	" Interest	15,44,702.00 ✓
" Two Wheeler TVS XL Super Maintenance	3,529.00	" CCNA Fees	8,000.00 ✓
" Campus Improvements	5,01,296.75	" TANCA '10	32,000.00 ✓
" University (Affiliation & Other) Fees	6,18,830.00	" VAO '11 Govt Exam	4,000.00 ✓
" Sports Activities	2,38,206.50		
" Maintenance expenses	18,28,446.04		
" Tech-Beat Expenses	19,557.00		
" Tech-O-Fest Expenses	33,384.75		
" Staff Development Expenses	1,27,803.50		
" Membership Fees	9,62,851.00		
" AICTE (Approval & Other) Fees	3,00,100.00		
" Workers Refreshment Expenses	87,720.00		
" Electricity Charges	27,22,263.00		
" News Papers and Magazine	14,62,681.30		
" Meeting Expenses	2,12,893.80		
" Bank Charges	10,401.00		
" Internet Charges	13,64,595.23		
" Printing & Stationery	6,64,767.45		
" Depreciation	94,15,961.00		
C/f	8,63,83,988.69	C/f	12,53,85,722.90



EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
B/f	8,63,83,988.69	B/f	12,53,85,722.90
" Advertisement	9,67,683.00		
" General Repaires	2,61,191.79		
" Research & Development Programme	93,786.00		
" Placement Training Programme Expenses	7,82,077.50		
" LIC Group Insurance	51,918.00		
" Insurance Expenses	2,99,055.00		
" Staff Selection Expenses	1,42,616.00		
" Teaching Aid	1,17,788.00		
" Elect. & Comm. Lab Consumable	41,724.00		
" Polymer Lab Consumable	48,325.06		
" Civil Lab Consumable	10,699.00		
" Computer Lab Consumables	632.50		
" Elect. & Instru. Lab Consumable	19,933.00		
" Electrical & Electronics Lab Consumable	3,818.00		
" Mechanical Lab consumables	16,570.00		
" Physics Lab consumables	940.01		
" IT and Software Lab Consumables	1,040.00		
" Biotechnology Lab Consumable	3,06,449.00		
" Education tours, visits, etc.	9,01,464.50		
" Personality Development Programme Expenses	2,50,000.00		
" Enterpreneurship Devt Programme Expenses	5,000.00		
" TN State Level Placement Programme (TCS '10)	8,579.83		
" ID Card Expenses	67,144.00		
" Group Gratuity	17,44,344.00		
" CCTV Camera Expenses	5,84,760.00		
" Alumni Meeting Expenses	1,59,931.00		
" Excess of Income over Expenditure			
Transfer to KCET General Account	3,21,14,265.02		
<b>TOTAL</b>	<b>12,53,85,722.90</b>	<b>TOTAL</b>	<b>12,53,85,722.90</b>

Place : VIRUDHUNAGAR  
Date : 30.05.2011

(Er.S.P.G.C. SRIMURUGAN)  
PRESIDENT

(M.V.R.R. MANICKAVEL)  
SECRETARY

(V.V.R.J. SENKUTTVAN)  
TREASURER

(R. RAJKUMAR)  
CHARTERED ACCOUNTANT  
M.No:27469



(S.C.N. THILEEBAN)  
VICE PRESIDENT

(S.M.S. NATARAJAN)  
JOINT SECRETARY

**KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, VIRUDHUNAGAR.**

**COLLEGE A/C**

**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2012**

<b>EXPENDITURE</b>	<b>AMOUNT(Rs.)</b>	<b>INCOME</b>	<b>AMOUNT(Rs.)</b>
" Teaching Staff - Salary	7,06,29,405.00	By Tuition Fees	11,54,48,317.00
" Administrative Staff - Salary	62,62,708.00	" Entrepreneurship Development Program Fees	24,58,000.00
" Principal - Salary	11,15,040.00	" University Fees	33,400.00
" Honorarium Payments	7,67,856.00	" Personality Development Programme Fees	75,76,500.00
" Provident Fund	42,97,412.00	" Stamp & Postage Fees	3,70,910.00
" Employee State Insurance Corporation (ESI)	6,14,753.00	" Unit Tests	1,52,500.00
" Establishment Expenditure	8,76,078.00	" Education tours, visits, etc.	17,767.20
" Medical Expenses	35,272.00	" Special Amenities Fees	1,10,61,000.00
" Building Maintenance	3,95,101.50	" Application Forms	1,06,500.00
" Postage & Telegram, Telephone	2,40,860.12	" Library Fine	2,980.00
" Travelling Expenses	8,97,092.25	" Books Records & Instruments	3,98,070.98
" Function Expenses	9,04,148.02	" Lab Broken Articles Recovery	19,670.00
" Extra Curricular Activities	2,25,533.00	" Spark Programme Fees	1,25,450.00
" Transport Expenses	88,806.00	" Interest	28,06,226.00
" Sundry expenses	13,56,679.66	" CCNA Fees	4,000.00
" Temporary Shed Expenses	1,59,096.00	" Placement Training Program	14,36,175.00
" Gardening Expenses	3,96,411.00	" Uniform & Over Coat	71,746.00
" Equipments Maintenance	5,09,073.00	" Other receipts	5,76,514.50
" Two Wheeler TVS XL Super Maintenance	3,548.00		
" Campus Improvements	9,13,249.00		
" University (Affiliation & Other) Fees	7,00,925.00		
" Sports Activities	3,12,425.00		
" Maintenance expenses	35,71,959.75		
" Tech-Beats Expenses	34,044.50		
" Tech-O-Fest Expenses	59,888.00		
" Staff Development Expenses	1,11,943.50		
" Membership Fees	4,28,571.00		
" AICTE (Approval & Other) Fees	2,00,000.00		
" Workers Refreshment Expenses	1,18,520.00		
" Electricity Charges	37,68,982.00		
" News Papers and Magazine	24,35,976.45		
" Meeting Expenses	1,20,967.00		
" Bank Charges	5,435.00		
" Internet Charges	17,55,168.00		
" Printing & Stationery	7,27,543.90		
" Depreciation	1,00,22,226.00		
<b>C/F</b>	<b>11,50,62,696.65</b>	<b>C/F</b>	<b>14,26,65,726.68</b>

EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
B/F	11,50,62,696.65	B/F	14,26,65,726.68
" Advertisement	14,24,101.00		
" General Repairs	5,10,697.25		
" Research & Development Expenses	3,15,296.00		
" Placement Training Programme Expenses	29,32,802.70		
" LIC Group Insurance	43,410.00		
" Insurance Expenses	2,92,607.00		
" Staff Selection Expenses	59,826.00		
" Teaching Aid	90,150.00		
" Elect. & Comm. Lab Consumable	6,38,228.00		
" Polymer Lab Consumable	68,502.00		
" Civil Lab Consumable	5,41,132.00		
" Computer Lab Consumables	1,627.00		
" Elect. & Instru. Lab Consumable	8,891.00		
" Electrical & Electronics Lab Consumable	14,194.00		
" Mechanical Lab consumables	86,553.00		
" Physics Lab consumables	9,575.01		
" Chemistry Lab Consumables	91,635.00		
" Biotechnology Lab Consumable	4,74,755.96		
" Education tours, visits, etc.	561.40		
" Examination fees	7,12,105.00		
" NBA expenses	15,06,000.00		
" ID Card Expenses	1,00,540.00		
" Group Gratuity	10,38,730.00		
" Alumni Meeting Expenses	1,08,921.00		
" Chief Ministers Relief Fund	2,00,000.00		
" CCTV Camera Expenses	12,18,088.80		
" Excess of Income over Expenditure			
Transfer to KCET General Account	1,51,14,100.91		
<b>TOTAL</b>	<b>14,26,65,726.68</b>	<b>TOTAL</b>	<b>14,26,65,726.68</b>

*S.V.P.N.S.S. Chandrasekaran*

Place : VIRUDHUNAGAR

(S.V.P.N.S.S. CHANDRASEKARAN)

*R.M.V.R.R. Manickavel*

(M.V.R.R. MANICKAVEL)

*S.N.B.J. Senthil Prabu*

(S.N.B.J. SENTHIL PRABU)

Date : 06.06.2012

PRESIDENT

SECRETARY

TREASURER

*(R. RAJKUMAR)*

CHARTERED ACCOUNTANT

M.No:27469



*P.M.G. Ganesan*

(P.M.G. GANESAN)

VICE PRESIDENT

*(P.K.R. Vetrivel)*

(P.K.R. VETRIVEL)

JOINT SECRETARY

**KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY, VIRUDHUNAGAR.**  
**COLLEGE A/C**  
**INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2013**

<b>EXPENDITURE</b>	<b>AMOUNT(Rs.)</b>	<b>INCOME</b>	<b>AMOUNT(Rs.)</b>
To Teaching Staff - Salary	8,12,63,691.00	By Tuition Fees	13,54,57,100.00
" Administrative Staff - Salary	1,15,43,448.00	" University Fees	12,68,600.00
" Principal - Salary	12,57,420.00	" Personality Development Programme Fees	2,19,83,500.00
" Honorarium Payments	6,00,000.00	" Stamp & Postage Fees	3,12,300.00
" Provident Fund	48,73,207.00	" Examination Fees	5,30,290.00
" Employee State Insurance Corporation (ESI)	7,08,290.00	" Education tours, visits, etc.	10,802.95
" Establishment Expenditure	9,23,173.00	" Application Forms	2,69,000.00
" Basic Workers Salary	9,55,803.00	" Library Fine	4,270.00
" Medical Expenses	21,486.00	" Books Records & Instruments	66,80,282.42
" Building Maintenance	9,40,388.00	" Lab Broken Articles Recovery	28,075.50
" Postage & Telegram, Telephone	1,99,279.42	" Insurance Claim	15,024.00
" Travelling Expenses	6,22,214.50	" Interest	26,73,265.00
" Function Expenses	6,01,512.90	" IPI Membership Fees	17,350.00
" Extra Curricular Activities	72,010.50	" Placement Training Program	1,11,050.00
" Transport Expenses	21,297.00	" Infosys Campus Connect Program fees	60,000.00
" Sundry Expenses	12,27,222.13	" Books, Over Coat & Course Material	57,09,378.00
" Temporary Shed Expenses	26,511.00	" Other receipts	2,21,786.00
" Gardening Expenses	4,57,933.00	" AICTE (ECE Dept) CSIR	30,000.00
" Equipments Maintenance	2,68,606.00	" AICTE Grant for National Conference	7,750.00
" Two Wheeler TVS XL Super Maintenance	4,089.75	" Unit Test	1,40,000.00
" Campus Improvements	6,05,296.50	" TANCET '12	57,533.00
" University (Affiliation & Other) Fees	2,85,270.00	" Institutional Charges	7,31,194.00
" Sports Activities	4,48,208.00		
" Maintenance expenses	41,98,527.01		
" Tech-Beat Expenses	35,575.00		
" Tech-O-Fest Expenses	30,227.00		
" Staff Development Expenses	1,41,460.82		
" Membership Fees	91,448.00		
" AICTE (Approval & Other) Fees	2,00,000.00		
" Workers Refreshment Expenses	3,05,360.00		
" Electricity Charges	30,54,167.00		
" News Papers and Magazine	24,10,785.50		
" Meeting Expenses	1,25,011.75		
" Bank Charges	10,218.35		
" Internet Charges	23,49,697.00		
" Networking Expenses	76,382.00		
" Printing & Stationery	8,63,857.35		
" Depreciation	1,01,97,852.00		
<b>C/f</b>	<b>13,20,16,925.48</b>	<b>C/f</b>	<b>17,63,18,550.87</b>

Contd..2

EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
B/f	13,20,16,925.48	B/f	17,63,18,550.87
" Advertisement	20,86,720.00		
" General Repairs	4,01,155.10		
" Research & Development Programme	3,25,477.50		
" Placement Training Programme Expenses	38,58,103.75		
" LIC Group Insurance	57,134.00		
" Insurance Expenses	3,37,683.00		
" Staff Selection Expenses	30,762.00		
" Teaching Aid	89,999.00		
" Elect. & Comm. Lab Consumable	26,431.00		
" Polymer Lab Consumable	25,389.52		
" Civil Lab Consumable	1,23,261.00		
" Computer Lab Consumables	760.00		
" Elect. & Instru. Lab Consumable	20,874.00		
" Electrical & Electronics Lab Consumable	8,39,001.00		
" Mechanical Lab Consumables	94,918.50		
" Language Lab Consumables	2,40,000.00		
" Chemistry Lab Consumables	93,104.00		
" Biotechnology Lab Consumable	3,73,641.00		
" Software Lab Consumables	1,050.00		
" NI Lab View Academy Programme	12,627.00		
" Exam Cell Expenses	19,446.00		
" NBA Expenses	49,247.00		
" ID Card Expenses	17,242.00		
" Group Gratuity	13,23,515.00		
" Alumni Meeting Expenses	86,868.48		
" CCTV Camera Expenses	38,679.00		
" TANCET 2013 Expenses	300.00		
" Pollution Control Board Fees	1,99,260.00		
" AICTE Application Fees	20,000.00		
" Uniform & Over Coat	2,94,930.00		
" CCNA Fees	2,000.00		
" Excess of Income over Expenditure			
Transfer to KCET General Account	3,32,12,046.54		
<b>TOTAL</b>	<b>17,63,18,550.87</b>	<b>TOTAL</b>	<b>17,63,18,550.87</b>

Place : VIRUDHUNAGAR  
Date : 08.06.2013

Sd....  
(Sv.P.N.S.S.CHANDRASEKARAN)  
PRESIDENT

Sd....  
(M.V.R.R. MANICKAVEL)  
SECRETARY

Sd....  
(S.N.B.J. SENTHIL PRABU)  
TRFASIIRFR

Sd....  
(R. RAJKUMAR)  
CHARTERED ACCOUNTANT  
M.No:27469

Sd...  
(P.M.G. GANESAN)  
VICE PRESIDENT

Sd...  
P.K.R. VETRIVEL  
(JOINT SECRETARY)

# KAMARAJ

COLLEGE OF ENGINEERING & TECHNOLOGY

VIRUDHUNAGAR

COLLEGE A/C

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31.03.2014



EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
To Staff Salary	10,80,69,799.00	By Tuition Fees	15,13,54,252.00
" Honorarium Payments	10,20,890.00	" University Fees	22,46,160.00
" Provident Fund	49,75,883.00	" Personality Development Programme Fees	2,16,15,000.00
" Employee State Insurance Corporation (ESI)	6,71,716.00	" Stamp & Postage Fees	1,20,082.70
" Establishment Expenditure	33,27,638.00	" Education tours, visits, etc.	1,35,756.50
" Medical Expenses	26,497.00	" Application Forms	2,44,000.00
" Building Maintenance	5,43,319.00	" Library Fine	5,513.00
" Postage & Telegram, Telephone	2,09,022.98	" Common Fine	5,09,550.00
" Travelling Expenses	8,63,337.00	" Lab Broken Articles Recovery	15,652.00
" Function Expenses	13,10,280.08	" Interest	34,92,314.00
" Extra Curricular Activities	1,31,710.50	" Books, Over Coat & Course Material	1,85,57,808.00
" Transport Expenses	38,912.00	" Unit Test	42,500.00
" Sundry Expenses	1,39,034.87	" Institutional Charges	7,35,743.00
" Temporary Shed Expenses	9,568.00	" Revaluation Fees	21,450.00
" Gardening Expenses	5,52,060.00	" Other receipts	5,79,996.50
" Equipments Maintenance	74,142.00		
" Two Wheeler TVS XL Super Maintenance	4,663.00		
" Books & Instruments	86,26,956.20		
" Campus Improvements	3,93,651.00		
" University (Affiliation & Other) Fees	14,75,000.00		
" Examination Fees	26,33,150.00		
" Sports Activities	7,28,659.50		
" Tech-Beat Expenses	47,119.00		
" Maintenance expenses	53,63,744.06		
" Staff Development Program Expenses	2,83,786.75		
" Membership Fees	51,725.00		
" Town Planning & Approval Fees	3,56,359.00		
" Basic Workers Refreshment Expenses	3,30,362.00		
" Electricity Charges	60,01,494.50		
" Stability Certificate Fees	18,000.00		
" News Papers and Magazine	30,54,638.00		
" Meeting Expenses	6,19,208.31		
" Workshop Re-Organisation Expenses	34,02,264.07		
" Bank Charges	8,185.50		
C/f	15,53,62,775.32	C/f	19,96,75,777.70

Contd..2

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EXPENDITURE	AMOUNT(Rs.)	INCOME	AMOUNT(Rs.)
B/f	15,53,62,775.32	B/f	19,96,75,777.70
" Internet /Networking Expenses	23,93,602.00		
" Printing & Stationery	10,05,746.30		
" Depreciation	1,04,60,329.00		
" Advertisement Expenses	19,05,768.00		
" General Repairs	5,27,602.00		
" Research & Development Programme	1,56,433.00		
" Guest Refreshment Expenses	66,789.00		
" Placement Training Fees Refund	57,600.00		
" LIC Group Insurance	66,083.00		
" Insurance Expenses	3,12,782.00		
" Staff Selection Expenses	97,239.00		
" Teaching Aid	1,48,070.00		
<b>Lab Consumables</b>			
" Physics Lab	4,920.01		
" Chemistry Lab	36,000.00		
" Computer Lab	2,500.00		
" Elect. & Communication Lab	65,250.75		
" Elect. & Instru. Lab	42,393.00		
" Polymer Lab	18,332.00		
" Electrical & Electronics Lab	39,993.00		
" Biotechnology Lab	4,73,139.38		
" Mechanical Lab	1,19,590.00		
" Civil Lab	9,096.00		
" Language Lab	155.00		
" NBA Expenses	9,11,649.00		
" ID Card Expenses	24,508.00		
" Group Gratuity	14,13,858.00		
" Alumni Meeting Expenses	1,14,637.50		
" TANCET Expenses	11,962.00		
" Pollution Control Board Fees	2,49,570.00		
" Insurance Claim	50,000.00		
" Software AMC Charges	51,499.00		
" Software Purchase	4,54,500.00		
" Professional Charges	40,000.00		
" Lab View Academy Expenses	6,757.00		
" Excess of Income over Expenditure			
Transfer to KCET General Account	2,29,74,649.44		
<b>TOTAL</b>	<b>19,96,75,777.70</b>	<b>TOTAL</b>	<b>19,96,75,777.70</b>

Place : VIRUDHUNAGAR  
Date : 04.06.2014

T.C.S.P.S. KRISHNAMOORTHY  
PRESIDENT

(C.MARIMUTHU)  
SECRETARY

(M.S.P.R.NAVARAJAN)  
TREASURER

(R. RAJKUMAR)  
CHARTERED ACCOUNTANT  
M.No:27469



(A.S.A.A.G.BALAMURUGAN)  
VICE PRESIDENT

(V.V.R.J.SENKUTTUVAI)  
JOINT SECRETARY