

Annual Quality Assurance Report

Part – A

AQAR for the year (*for example 2013-14*)

2015 - 16

I. Details of the Institution

1.1 Name of the Institution

Kamaraj College of Engineering and Technology

1.2 Address Line 1

K. Vellakulam Panchayat

Address Line 2

Thirumangalam Taluk

City/Town

Madurai

State

TAMILNADU

Pin Code

625701

Institution e-mail address

mail@kamarajengg.edu.in

Contact Nos.

+91 4549 278171

Name of the Head of the Institution:

Dr. Anant Achary

Tel. No. with STD Code:

+91 4549 278171, 278791

Mobile:

9486823312

Name of the IQAC Co-ordinator:

Dr. T. Dhanalakshmi

Mobile:

9788902451

IQAC e-mail address:

iqac@kamarajengg.edu.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

OR

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC(SC)/09/A&A/11.1 dated 14-9-2015

1.5 Website address:

www.kamarajengg.edu.in

Web-link of the AQAR:

<http://www.kcetvnr.org/docs/AQAR 2015-16.pdf>

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.03	2015	5 years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

20/10/2015

1.8 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR ___NA_____ (DD/MM/YYYY)
- ii. AQAR_____ (DD/MM/YYYY)
- iii. AQAR_____ (DD/MM/YYYY)
- iv. AQAR_____ (DD/MM/YYYY)

1.9 Institutional Status

University State Central Deeme Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes AICTE No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

 Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

 Grant-in-aid + Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.11 Name of the Affiliating University (for the Colleges)

1.12 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

2.11 No. of meetings with various stakeholders No. Faculty
 Non-Teaching Staff Students Alumni Others

2.12 Has IQAC received any funding from UGC during the year? Yes No
 If yes, mention the amount

2.13 Seminars and Conferences (only quality related) - **NIL**

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos. International National State Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

1. Evaluation of existing teaching learning systems and documents
2. Revision of assessment tools incorporating pedagogy approach and outcome evaluation
3. Renew and revision of feedback forms to elicit opinion from different stake holders
4. Constitution of research and development cell
5. Action plan for enhancing quality of student projects (outcome based approach)

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
To apply for NBA Accreditation	Three departments EEE, BT and MECH have registered for NBA Accreditation
To offer Value added courses	19 value added courses offered for the students
Improve Co Curricular Activities	workshops, conferences, industrial visits (2 visits per year), soft skill development programmes, communication skill development programmes organised regularly.

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	5	2	7	-
PG	8	-	8	-
UG	10	-	10	19
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	-	-
Others	-	-	-	-
Total	23	2	25	19

1.2 (i) Flexibility of the Curriculum: CBCS/Core/**Elective option** / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	18
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Our college is an affiliated institution. Currently R2013 of Anna University is being followed

1.5 Any new Department/Centre introduced during the year. If yes, give details.

- KAMARAJ - SMC Pneumatics Centre for Excellence (13.03.16), Centre for Excellence in Data Science and Predictive Technologies (21.04.16) are inaugurated.
- Department of Electronics and Communication Engineering (26.05.16) and Mechanical Engineering (16.04.16) have been approved as research centres by the Anna University

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	265	217	26	22	

2.2 No. of permanent faculty with Ph.D. 44

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst.Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	16	1	-	4	-	1			16	6

2.4 No. of Guest and Visiting faculty and Temporary faculty 5

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	65	77	-
Presented papers	65	63	-
Resource Persons	2	22	24

2.6 Innovative processes adopted by the institution in Teaching and Learning:

1. Course plan indicating the course outcomes and the respective knowledge level both for theory and laboratory courses
2. Mapping of Course outcomes versus programme Outcomes
3. Initiatives to adopt blended learning – Motivation for self learning

2.7 Total No. of actual teaching days during this academic year 180

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

1. Cycle test conducted at regular time interval and common to all programmes
2. Course specific assignments to promote self learning

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

4

2.10 Average percentage of attendance of students

98

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
UG Courses						
BE CSE	129	1.55	68.22	17.83	-	87.60
BE ECE	137	2.18	81.02	-	-	83.2
BE EEE	139	2.15	68.34	20.86	-	89.21
BE EIE	59	1.69	83.05	1.69	-	86.44
BE MECH	70	4.28	71.42	14.28	-	90.00
BE CIVIL	71	-	52.11	36.61		88.73
B Tech IT	66	-	78.18	7.27		85.45
BTech PT	35	-	68.5	11.42		80.00
B Tech BT	58	9.6	86.5	3.8		89.66
PG Courses						
M Tech BT	7	57.1	42.8			100
M Tech PT	3	66.6	33.3	-	-	100
ME SE	15	5.5	88.88			94.44
ME PSE	18	22.22	72.22	-	-	94.44
ME Manufacturing Engineering	1		100			100
ME CN	11	36.33	63.63			100
ME CSE	16	12.5	87.5	-	-	100

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

- Monitoring of course file, lecture Schedule, course plan by random sampling
- Verification of cycle test analysis, question papers
- Analysis of feedback by students, Alumni, parents and employers
- Feedback Analysis of value Added programmes

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	2
UGC – Faculty Improvement Programme	-
HRD programmes	-
Orientation programmes	20
Faculty exchange programme	-
Staff training conducted by the university	-
Staff training conducted by other institutions	14
Workshops	106
Others (FDP, Seminar)	104

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	28	-	3	-
Technical Staff	60	-	10	-

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

1. Research and Development Cell has been inaugurated to assess the progress of the research work carried out by the staff members, to scrutinize the project proposals sent to funding agencies and to provide an atmosphere conducive for research.
2. On Duty to attend seminars, conferences (National, International)
3. On Duty for research fellowship of IIT, IAS, TNSCST
4. Encouraged faculty members to visit national labs and industries

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	9	1	-	3
Outlay in Rs. Lakhs	165.09	14.50		

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	16	-	-	-
Outlay in Rs. Lakhs	1.57	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	52	3	-
Non-Peer Review Journals	2	2	-
e-Journals	7	1	-
Conference proceedings	3	-	19

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	2013-2015	BRNS-BARC	1450000	
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-

Projects sponsored by the University/ College	-	-	-	-
Students research projects <i>(other than compulsory by the University)</i>	2015 12	Atmel India University Program Embedded Design Contest	ATMEL KITS worth 51,000	51,000
Any other(Specify)	-	-	-	-
Total	13	-	-	-

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from- NA

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	8	-	-	-
Sponsoring agencies	-	DBT, CSI, College, IETE	-	-	-

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	
	Granted	
International	Applied	
	Granted	
Commercialised	Applied	
	Granted	

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year

Total	International	National	State	University	Dist	College
13	-	12	-	1	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
 National level International level

3.22 No. of students participated in NCC events:

University level State level
 National level International level

3.23 No. of Awards won in NSS:

University level State level
 National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Voter Awareness programme was conducted by the NSS
- Blood Donation Camps organised by RRC and NSS
- Swach Bharat Abhiyan Mission popularised by NSS and NCC students

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	45.77	1.59		47.36
Class rooms	79	-	-	79
Laboratories	46	-		46
Seminar Halls	10	-		10
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	-	12		10
Value of the equipment purchased during the year (Rs. in Lakhs)		72.33		72.33
Others Drawing Halls	4	-		4

4.2 Computerization of administration and library

1. Effective intra and inter departmental communication through official mail system
2. WEB OPAC – software utilisation in the library for accessing books effectively
3. Digital library to access the e-journals, NPTEL videos, spoken tutorial classes

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	60518	1,70,43,626	967	2,34,030	61485	1,72,77,656
Reference Books	4197	32,47,053	120	95,945	4317	33,42,998
e-Books	-	-	-	-	-	-
Journals (mandatory)	294	56,00,501	-	-	8,46,778	64,47,279
e-Journals (mandatory)	9	1,19,62,544			25,98,651	1,45,61,195
Digital Database						
CD & Video	5169	-	54	-	5223	-
Others (specify)						

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	1436	17		65 mbps				

Added	34	1						
Total	1470							

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

1. Our campus is Wi-Fi enabled and all the computers are connected to the Internet
2. Certification courses like JAVA, CCNA, Cloud Computing, Cybersecurity, Mobile technology, Electro Pneumatics courses are regularly conducted
3. Centralised automated Hall booking system, Leave management system, Booking of seats in buses in evening

4.6 Amount spent on maintenance in lakhs :

i) ICT	-
ii) Campus Infrastructure and facilities	15,65,080.78
iii) Equipments	37,62,370.34
iv) Others	8,33,154.80
Total :	61,60,605.92

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

1. Ensuring that all the informations regarding special classes, coaching classes, or any other activities are sent through official mail.
2. Initiatives are taken to insist on collection of student's feedback for training programmes .
3. Students representative meeting is conducted to disseminate the importance of quality, assessment systems and processes.

5.2 Efforts made by the institution for tracking the progression

1. Mentors are assigned at the second year and the student profile/dossier is maintained to monitor/encourage his curricular, co-curricular and extra curricular activities.
2. Consistent efforts are made through TDP cell to make the students to be placed in jobs.

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
3233	131	-	-

(b) No. of students outside the state

3

(c) No. of international students

-

No	%		No	%	
1771	52.65	Men	1593	47.35	Women

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
90	237	1	2058	-	2386	11	280	1	2970	-	3364

Demand ratio - Dropout % -

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- GATE/TANCET/CSIR NET Coaching was given to the students
- Hours have been allotted in the usual time table for conceptual learning and assessment are also done

No. of students beneficiaries

250

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Activities	No of Students benefitted
Mentor – Mentee System	2600
Tutor – Chairperson System	760
Workshop on Career guidance and entrepreneurship	400
Availability of professional counsellor	200

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
19	600	210	104

5.8 Details of gender sensitization programmes

- Guest lecture on Challenges of Adolescence was arranged for all the first years
- Essay writing competition was arranged on the eve of Women's day

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from government (Scholarship)	1106	1,47,18,900
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives NIL

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____

1. Number of buses increased based on student request
2. Number of routes for college buses increased
3. Boys rest zone created
4. Expansion of Ladies Rest room with bathing facility

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

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”.

6.2 Does the Institution has a management Information System

Yes

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Bridging the gap by delivering value added courses and content beyond concepts/ Lab experiments

6.3.2 Teaching and Learning

1. ICT enabled campus
2. Encouraging faculty to attend FDPs, Workshops, conferences etc
3. Student feedback on various aspects of teaching
4. Initiatives on Blended learning approach
5. Inauguration of Prototype Centre
6. Encouraging students to enrol in NPTEL courses

6.3.3 Examination and Evaluation

End semester examination is conducted by affiliated university. However continuous assessment of the students are done with slip test, assignments, seminars and mini

6.3.4 Research and Development

A separate Research and Development Cell is functioning with an aim to improve the quality of the research. To improve the quality of the research projects, rubrics have been created by the IQAC cell and it has been disseminated to all the faculty.

6.3.5 Library, ICT and physical infrastructure / instrumentation

1. Library details updated in our college website and can be accessed through LAN
2. Many labs and class rooms have LCD projectors
3. Our college is a Member of DELNET. Through this, a large number of books and journals can be accessed.
4. Lectures from Anna University are beamed live through EDUSAT.

6.3.6 Human Resource Management

1. Honouring the best performing faculty under various categories during the college day celebrations
2. Staff orientation programmes
3. Rank holders are given incentives to retain the best talent
4. Paid maternity leave
5. Sabbatical leave for faculty members who are in the verge of submitting their PhD thesis
6. Encouragement to publish in high Impact Factor Journals

6.3.7 Faculty and Staff recruitment

1. Recruitment is based on merit basis, Rank holders preferred
2. Staff must have no history of arrears in their study period
3. Written test followed by interview by the panel of experts

6.3.8 Industry Interaction / Collaboration

1. Industry – Interaction Cell is functioning in our college to provide a platform for the students and staff to share the projects they have done in the industry or about their industrial visit.
2. Final year students are motivated to do projects or internships in the industry.
3. These effort have resulted in the creation of Centre of excellence in Automation along with SMS Pnuematics.
4. Analog lab (TIAL) created in collaboration with Texas Instruments

6.3.9 Admission of Students

65% of students are admitted through Counseling and the remaining seats are filled under management quota.

6.4 Welfare schemes for

Teaching faculty	PF, Gratuity and group insurance scheme Yearly tour has been arranged
Non teaching faculty	PF, Gratuity, ESI and group insurance scheme College transportation free
Students	Group insurance scheme Bank loan is arranged for the students through Canara Bank Free medical Facility Counselling, Book Bank Schemes

6.5 Total corpus fund generated

Rs. 31, 11, 46, 540

6.6 Whether annual financial audit has been done

Yes No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	Audit by Prof. N. Kamaraj	Yes	HoD
Administrative	yes	Audit by Prof. N. Kamaraj	Yes	College

6.8 Does the University/ Autonomous College declares results within 30 days? **NA**

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

1. Alumni delivers guest lectures/motivational talks
2. Help the TDP cell in recruitment
3. Help in networking with industries
4. Help in arranging industry personnel for guest lectures

6.12 Activities and support from the Parent – Teacher Association

There is no registered Parent Teacher Association. However

1. Participation of the parents in the department wise and year wise Parents Teachers meeting is enabled.
2. Parents feedback also collected and their perspectives on the needs and demands of their wards are consolidated and addressed.
3. Parents are made as representatives in various committees like IQAC, Anti-ragging committee/Department Advisory Committee..

6.13 Development programmes for support staff

Language Skill Development Programme was conducted for the office staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

1. To ensure green cover in the campus, periodically trees are planted, planted trees are watered and maintained.
2. Maintenance of Waste water recycling plant
3. Utilisation of Solar power, Solar water heaters in the hostels, Solar street lights around the campus
4. Using Energy efficient rated appliances, CFL and LED lamps in the premises.
5. Replacing about 80% of CRT monitors in the Laboratory with TFT monitors and CRT monitors with LCD and LED monitors
6. Maintenance of Water harvesting mechanisms
7. Ensuring paperless communication by effective usage of official mail
8. Awareness on minimization of wastage of energy and water

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

1. Course Plan has details of Course outcomes mapped with program outcomes and the knowledge level for a particular course outcome
2. Rubrics have been created to evaluate lab courses
3. Structured Feedback formats have been created to elicit opinion of stake holders (alumni, parents, employers, exit survey to final year students) on infrastructure, teaching learning process, value added programmes etc
4. To improve placements, conceptual learning and placement related training have been strengthened and their impact has been assessed using feedback to refine for the successive years
5. Attendance monitoring system is effectively followed both for the Forenoon and Afternoon session

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

1. Industrial Visits are arranged. Two visits are arranged per year/class
2. One classroom per department is fitted with LCD projectors
3. 19 Value added courses organised
4. A lot of workshops, guest lectures, training programmes were organized

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Students Attendance Monitoring System

Improving Teaching and learning process by adopting processes of outcome based education

****Provide the details in annexure (annexure need to be numbered as i, ii,iii)***

7.4 Contribution to environmental awareness / protection

1. Environmental studies paper for all the second year under graduates students.
2. Awareness programmes, camps, rallies etc are organised under NCC and NSS schemes
3. 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
4. Solar street lights (Thirty in Nos)
5. 30 kW Solar Photo voltaic based power plant on gird.

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

Strength:

1. Excellent Academic Performance.
2. Qualified faculty members.
3. Excellent Infrastructure facilities

Weakness:

1. Department-level entrepreneurship development initiatives
2. Need to get more consultancy and funded projects

Opportunities:

1. Faculties are financially supported by the management to present their work in conferences and to attend FDP/Seminar/Workshop
2. Placement efforts have been strengthened.
3. Students have the opportunity to work on inter disciplinary projects.

Challenges:

1. Mushrooming of engineering colleges in the vicinity of the college
2. Competition from Arts and Science colleges
3. General recession in employment

8. Plans of institution for next year

Initiatives to make attendance entry online
Ensuring all eligible departments to apply for NBA
Improvement of Quality of research and consultancy

Name Dr. T. DHANALAKSHMI

Name ANANT AWARY

T. Dhanalakshmi

Anant Awary

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

BEST PRACTICE I

1. Title of the Practice – Students Attendance Monitoring System

2. Objectives of the Practice : Improving attendance

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.

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.

5. Evidence of Success

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

Best Practice II

1. Title of the Practice - Improving Teaching and learning process by adopting processes of outcome based education

2. Objectives of the practice

The objective to make the students technically strong and to induce them to be innovative.

3. The Context

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. Various ICT based teaching practices are complimented with the teaching learning process. The performance is assessed by cycle test, slip test and assignments. Various co-curricular activities such as Paper presentations, project presentations, seminars and technical quiz are also organized for the students. Students are encouraged to participate in NPTEL courses, online courses and other value added programmes.

5. Evidence of success

Quality education and placements are assured through educating the students and staffs through various training and development programs. High pass percentage, placements and meeting the Industry standards are some of the milestones achieved in the journey.

Calendar for Activities of IQAC 2015-2016

Sl. No	Date	Activity
1	20.10.15	Inauguration of IQAC
2	30.01.16	Second internal Meeting of IQAC
3	16.04.16	Internal meeting of IQAC
4	18.04.16	Student representatives meeting
5	May – June, 2016	Academic Audit by External Expert
6	June, 2016	Preparation of AQAR

Calendar for Activities of IQAC 2016-2017

Sl. No	Date	Activity
1	16.07.16	IQAC meeting
2	26.07.16	Student representatives meeting
3	22.08.16	Student representatives meeting
4	27.08.16	Parent Teachers meeting
5	August End	Internal Academic Audit by random checking
6	2.09.16	Submission of AQAR
7	30.09.16	Feedback on Teaching, Analysis, Action Taken
8	5.10.16	Student representatives meeting
9	15.10.16	IQAC meeting
10	19.11.16	Faculty meeting
11	11.01.17	Student representatives meeting
12	21.01.17	IQAC meeting
13	10.02.17	Tentative date for Conference on “Innovative Strategies to enhance teaching learning process”
14	25.02.17	Parent teacher Meeting
15	March	Internal Academic Audit by random checking
16	30.03.17	Feedback on Teaching, Analysis, Action Taken
17	12.04.17	Student representatives meeting

18	29.04.17	Internal meeting of IQAC
19	During May	Academic Audit
20	June, 2017	Preparation of AQAR