



S.P.G. Chidambara Nadar - C. Nagammal Campus,
S.P.G.C. Nagar, K.Vellakulam - 625 701, Near Virudhunagar, Madurai District.
Accredited by NAAC with 'A' Grade

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CALENDAR
— 2019 - 2020 —



VISION

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

MISSION

To impart highly innovative and technical knowledge to the urban and unreachable rural student folks through “TOTAL QUALITY EDUCATION”

QUALITY POLICY

Kamaraj College of Engineering and Technology committed to impart quality Technical Education imbided with proficiency, human values and continual improvement.



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1. OUR COLLEGE

Kamaraj College of Engineering and Technology is the outcome of the cherished desire and dream of the people of Virudhunagar. It is rightly named after the son of this soil, Bharat Ratna Shri. K. Kamaraj who was the undisputed leader of the suppressed and downtrodden and a champion of free education for the masses.

Our College was established in the year 1998-1999. It is promoted and supported by Virudhunagar Hindu Nadars' Devasthanam, various Hindu Nadars' Mahamai Tharappus in Virudhunagar and other places and educational institutions of Virudhunagar. The management of the institution consists of the elected members of various Mahamai Tharappus of Virudhunagar. The Office-Bearers, the President, the Vice-President, the Secretary, the Joint Secretary and the Treasurer are elected by the Managing Board Members.

2. COURSES OFFERED

The College is a co-educational institution. At present, it offers the following courses :

UG COURSES

1. B.E. Civil Engineering	90
2. B.E. Computer Science and Engineering	120
3. B.E. Electronics and Communication Engineering	120
4. B.E. Electrical and Electronics Engineering	90
5. B.E. Electronics and Instrumentation Engineering	60
6. B.E. Mechanical Engineering	120
7. B.E. Mechatronics Engineering	60
8. B.Tech. Biotechnology	60
9. B.Tech. Information Technology	60
10. B.Tech. Polymer Technology	60

PG COURSES

1.	M.E. Communication and Networking	18
2.	M.E. Manufacturing Engineering	18
3.	M.E. Power Systems Engineering	18
4.	M.E. Structural Engineering	18
5.	M.Tech. Biotechnology	18
6.	M.Tech. Polymer Science and Engineering	9

RESEARCH CENTRES

1. Bio-Technology
2. Polymer Technology
3. Electrical and Electronics Engineering
4. Electronics and Communication Engineering
5. Mechanical Engineering
6. Physics
7. Chemistry

3. THE MANAGING BOARD

1. Er. A.S.K.A.M. Nagarajan, B.E.,(Hons), M.Sc., (Engg.), M.I.E. Patron
2. Thiru.V.A.A.N. Deenadayalan, B.A.,B.L. President
3. CA.V.K. Dharmarajan, B.B.A.,F.C.A. Vice President
4. Thiru. R. Mahesh Kumar, B.A. Secretary
5. Thiru. V.P.P.V. Periasamy, B.Com. Joint Secretary
6. Thiru. R.N. Prasanth Kumar, M.B.A. Treasurer
7. Thiru. S.R. Aravind Kumar, B.E.,M.B.A. Custodian of Documents
8. Thiru. S.S.N. Baskaran Custodian of Movable Properties
9. Thiru. A. Yavanarajan, B.Tech. (Pharma & I.T.) Custodian of Immovable Properties
10. Thiru. Sv.P.N.S.K.B. Siva Chidambaram Developer of Sports / Campus & Extra Curricular Activities

DIRECTORS

11. Thiru. N. Thileepan
12. Thiru. T. Muralidharan
13. Tmt. S.P.G.R.N.A. Chitra Ashok Kumar, B.A.
14. Tmt.M. Seethalakshmi
15. Thiru. S.M.S. Natarajan, D.E.E.E.
16. Thiru. P.M.G. Dhanabalan, B.Sc.
17. Tmt. G. Chitralatha
18. Tmt. Usha Pandiaraj
19. Thiru. V.M.G. Rajahsekeren, B.Com.
20. Tmt. P. Chandra Prabha, B.A.
21. Thiru. D. Jeyakumar
22. Tmt. Shanthi Vetriselvan, B.A.
23. Thiru. K.S.S.A. Ramasamy
24. Thiru. A.N.N. Suriya Narayanan, M.B.A.
25. Tmt. C. Srimathi Chandra Ganesh, B.E.
26. Thiru. Y. Hariharan, M.Com.
27. Thiru. R.M. Balan
28. Thiru. V.V.R.J. Senkuttuvan, B.Sc.
29. Thiru. S. Selvamani

MEMBERS

1. Er. C. Marimuthu, M.Tech.
2. Thiru.A.P. Murugan
3. Thiru.R. Shanmugam
4. Thiru.T.J. Jeyakumar, M.B.A.
5. Er.N. Anandavel, B.E.
6. Tmt.V.M.G.R. Ramani
7. Thiru.P.K.R. Vetrivel, M.Com.
8. Thiru.P.M.G. Ganesan
9. Tmt. Vani Natarajan, B.A.,M.S.
10. Thiru.M. Sankaradass
11. Thiru.K.G. Mohan
12. Thiru.N.D. Pandiaraj
13. Tmt.T.K.S.P.A.S. Porkili
14. Thiru.S.N.B.J. Senthil Prabu, D.M.E.
15. Tmt.M.P.P.N.N.R. Ayswariya Valli, B.Sc.
16. Thiru.K.V.P. Suresh
17. Thiru.D.K. Dharmarajan @ Babu, B.A.
18. Thiru.Dr.S. Pugalanthi Pandian, D.Ortho./MNAMS(Ortho.),M.Ch.,(Neu.Sur.)
19. Er.S.K.P.P.S. Kathirvel, B.E.,M.I.E., C.Eng.(I)
20. Thiru.V.N.M.A.D.R. Balamurugan, M.A.
21. Thiru.R. Kodeeswaran, M.Com.
22. Tmt. Sheela Tamilarasu
23. Thiru.R. Sankara Narayanan, B.Com.
24. Thiru.A.M.R.I. Chandra Ganesh, B.E.
25. Thiru.D. Jegatheesh Narayanan, B.Tech.,M.B.A.
26. Thiru.S. Rathinakumar, B.E.,B.GL.,M.B.A.,M.S.,M.Phil.
27. Tmt. Sujatha Senkuttuvan, B.Sc.

ALDERMEN

1. Er. R. Ravisekar, B.E.
2. Dr. A. Selvarajan, M.B.B.S.,F.C.G.P.
3. Thiru.T.K.S.P. Sankara Pandian
4. Thiru. Rm.P.T.R. Thanikodi
5. Thiru. C. Shanmuga Piria
6. Thiru. R. Lenin
7. Thiru. S.S.P.S. Pandiarajan, B.Sc., B.L.
8. Thiru. M.S.M.N. Asokan, B.A.
9. Thiru. S.K.P.P.V.B. Arumugam
10. Thiru. A.S.A.A.G. Balamurugan, M.B.A.
11. Thiru. T.K.S.P.A. Shanmugamoorthy, B.Com.,BGL.
12. Er. S.P.G.C. Srimurugan, B.E.,M.Sc.(Engg.),Manchester
13. Thiru. M.P.P.N.N. Rameshkumar, B.B.A.
14. Thiru. K.C. Umapathy
15. Thiru. S.K.P.P.S. Jeyamanickavel
16. Thiru. A. Shanmugavel
17. Thiru. G. Surulivel, B.Sc.,B.L.
18. Thiru. R.T.R. Vannianandham
19. Thiru. M.K.N.S.N. Rajkumar
20. Thiru. P.A.M.Rajasekaran
21. Thiru. S.P.G.R.N.Ashok Kumar, B.Com.
22. Thiru. K.S.K.Shanmugavel

4. GOVERNING COUNCIL MEMBERS

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- b) Member Secretary Dr. Anant Achary, M.Tech., Ph.D.
Principal
Kamaraj College of Engineering & Technology
- c) Nominee of AICTE Regional Office Southern Regional Officer,
AICTE, Chennai.
- d) Nominee of the Affiliating University -
- e) Nominee of the State Govt., DTE. Director of Technical Education,
Chennai.
- f) Industrialist/Technologist/Educationist
from the Region nominated by the State Government Dr. T.K. Shanthy, M.E., Ph.D.
- g) Member Educationist Dr. K. Sarukesi, Ph.D. (Warwick)
Dr. S. Thamarai Selvi, M.E., Ph.D.
Dr. P. Kaliraj, Ph.D.
Dr. M. Ravindran, Ph.D.
- h) Industrialist/Technologist/Educationist
nominated by the Chairman of the Regional Council Er. A.S.K.A.M. Nagarajan,
B.E.,(Hons),M.Sc.,(Engg.)M.I.E.
- i) Member Society Mr. V.A.A.N. Deenadayalan, B.A.,B.L.
CA. V.K. Dharmarajan, B.B.A., F.C.A.
Mr. V.P.P.V. Periasamy, B.Com.
Mr. R.N. Prasanth Kumar, M.B.A.
Dr. S.P.K.B. Prabhakaran, Ph.D.
Mr. T.J. Jeyakumar, M.B.A.
Mr. P.K.R. Vetrivel, M.Com.
Mr. S.N.B.J. Senthil Prabu, D.M.E.
- j) Faculty Member - Professor level Dr. S. Jeyadevi, M.E., Ph.D.
- k) Faculty Member Asst. Professor level Mrs. T. Pandiselvi, M.E., Ph.D.
- l) Special Invitee Dr. V. Ramachandran, Advisor

5. ADVISOR, PRINCIPAL & VICE PRINCIPAL

Dr. V. RAMACHANDRAN - Advisor

Dr. ANANT ACHARY, M.Tech., Ph.D. - Principal

Dr. M. VASANTHI, Ph.D. - Vice Principal

6. FACULTY MEMBERS AND TECHNICAL STAFF

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

TEACHING FACULTY

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| 2. Dr. R. MUTHU SELVI, M.E., Ph.D. | " |
| 3. Dr. A. MEENAKSHI, M.E., Ph.D. | ASSOCIATE PROFESSOR |
| 4. Dr. S.T. VEENA, M.C.A., M.E., Ph.D. | ASSISTANT PROFESSOR |
| 5. Mr. A. ANAND, M.E., M.B.A., Ph.D. | ASSOCIATE PROFESSOR |
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| 16. Mrs. T. MAHARAJOTHI, M.E. | " |
| 17. Mrs. K. LEELARANI, M.E. | " |

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17. Mrs. M.GOKILA, M.E.	"

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| 5. Mrs. L.V. REVATHI, M.E. | " |
| 6. Mr. S. RAMESH PRABHU, M.E. | " |
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| 8. Mrs. R.SANTHIYA, <u>M.E.,Ph.D.</u> | " |

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(SENIOR SCALE) |
| 2. Dr. Dr.(mont)C.T. VIJAYAKUMAR, M.Sc.,Ph.D.,Ph.D. | PROFESSOR |

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| 3. | Mr. T. SAMUVEL | ASSISTANT |

DEPARTMENT OF POLYMER SCIENCE AND ENGINEERING **(PG COURSE)**

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| 2. | Dr. M.G. SRI BALA, M.B.A.,M.Tech.,Ph.D. | ASSISTANT PROFESSOR |
| 3. | Mr. S.SIVAKUMARAVEL, M.Tech. | ” |

DEPARTMENT OF INFORMATION TECHNOLOGY

TEACHING FACULTY

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| 3. Mr. A.VENKATESH | ASSISTANT |
| 4. Mr. K. VENKATACHALAM | " |

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

TEACHING FACULTY

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| 3. Dr. M.SUDALAIMANI, M.E.,Ph.D. | ASSISTANT PROFESSOR |
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| 6. Mrs. V. CHANDRA, M.E. | " |
| 7. Mr. B.GURU KARTHIK BABU, M.E., <u>Ph.D.</u> | " |
| 8. Mr. A. AZARUDEEN, M.E. | " |
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| 10. Mr. K. GANESAN, M.E. | " |
| 11. Mr. S. JEGAN, M.E. | " |
| 12. Ms. S. VIMALA DEVI, M.E. | " |
| 13. Mrs. C. NAGA DEVI, M.E., <u>Ph.D.</u> | " |
| 14. Ms. R. REENU, M.E. | " |
| 15. Mr. A. KARTHIKEYAN, M.E., <u>Ph.D.</u> | " |
| 16. Mr. R. GANESAN, M.E. | " |
| 17. Mr. G. KARMEGAM, M.Tech. | ADJUNCT FACULTY |

NON TEACHING STAFF

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| 1. Mr. A.TAMILVANAN, D.E.C.E. | TECHNICIAN |
| 2. Mr. P. MUTHUKRISHNAN, D.E.E.E. | " |
| 3. Mr. P. SARAVANAN, D.E.C.E. | " |
| 4. Mr. P. MATHANKUMAR, D.E.E.E. | " |
| 5. Mr. M. SHANMUGAVEL, B.E. | " |
| 6. Mr. C. MANIKANDAN | ASSISTANT |

DEPARTMENT OF POWER SYSTEM ENGINEERING
(PG COURSE)

1. Dr. J. JESLIN DRUSILA NESAMALAR, M.E.,Ph.D. ASSISTANT PROFESSOR
2. Mr. A. KARUPPASAMY, M.E. ”

DEPARTMENT OF BIO-TECHNOLOGY

TEACHING FACULTY

1. Dr. M. VASANTHI, M.Sc.,Ph.D. VICE PRINCIPAL
2. Dr. ANANT ACHARY, M.Tech.,Ph.D. PRINCIPAL
3. Dr. K.GEETHA, M.Sc.,Ph.D. ASSOCIATE PROFESSOR
4. Dr. I. GANESH MOORTHY, M.Tech.,Ph.D. ”
5. Dr. S. KARTHIKUMAR, M.Sc.,M.Tech.,Ph.D. ASSISTANT PROFESSOR
6. Dr. S. MARIA AMAL RAJ, M.Tech.,Ph.D. ”
7. Mr. S. MANIBALAN, B.Pharm.,M.Tech.,Ph.D. ”
8. Dr. V.C.PADMANABAN, M.Tech.,Ph.D. ”
9. Mr. A. RONALDO ANUF, M.Tech.,Ph.D. ”

NON TEACHING STAFF

1. Mr. G. JEYAKUMAR, B.Sc. TECHNICIAN
2. Mrs. M. CHITRA, M.Sc.,M.Phil. ”
3. Mr. M. MANIKANDAN, B.Sc. ”
4. Mrs. M. DAISY RANI, B.A. ATTENDER

DEPARTMENT OF BIO TECHNOLOGY (PG COURSE)

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2. Mrs. M. SOUNDARYA LAKSHMI, M.Tech.,Ph.D. ASSISTANT PROFESSOR
3. Mrs. R.AMUTHA LAKSHMI, M.Tech.,Ph.D. ”

DEPARTMENT OF MECHANICAL ENGINEERING

TEACHING FACULTY

1. Dr. S. SENTHIL, M.E.,Ph.D.	PROFESSOR
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3. Dr. P. NARAYANASAMY, M.E.,Ph.D.	ASSISTANT PROFESSOR
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5. Mr. S. CHIDAMBARAKUMARAN, M.Tech., <u>Ph.D.</u>	"
6. Mr. D. PALANIKUMAR, M.E., <u>Ph.D.</u>	"
7. Mr. P.SIVASUBRAMANIAN, M.Tech.	"
8. Mr. B. PRABHU M.E., <u>Ph.D.</u>	"
9. Mr. B. BALAVAIRAVAN, M.E., <u>Ph.D.</u>	"
10. Mr. N.R. MADHAN, M.E.,.	"
11. Mr. B.K. PARRTHIPAN M.E., <u>Ph.D.</u>	"
12. Mr. S. DEVARAJ M.E.	"
13. Mr. M. PRITHIVIRAJ M.E., <u>Ph.D.</u>	"
14. Mr. T. SURESH M.E.	"
15. Mr. A. SANKARA NARAYANA MURTHY M.E.	"
16. Mr. K. MURUGANANTHAN, M.E., <u>Ph.D.</u>	"
17. Mr. P.SENTHAMARAI KANNAN, M.E., <u>Ph.D.</u>	"
18. Mr. S. DAVID BLESSLEY M.E.	"

NON TEACHING STAFF

1. Mr. V. GANESAN, ITI.	INSTRUCTOR
2. Mr. A. VETRIVEL, ITI.	TECHNICIAN
3. Mr. P.KARTHIK, I.T.I.	"
4. Mr. G. KANAGAVEL, D.M.E.	"
5. Mr. K. MAHESWARAN, ITI.	"
6. Mr. K. MUTHU MUNIANDI, D.M.E.	"
7. Mr. M. PITCHAIKANI	BUS MECHANIC
8. Mrs. R. ANGALA ESWARI	ATTENDER

DEPARTMENT OF MANUFACTURING ENGINEERING
(PG COURSE)

- | | |
|---|---------------------|
| 1. Mr. S.THANGAKASI RAJAN, M.E., <u>Ph.D.</u> | ASSISTANT PROFESSOR |
| 2. Mr. R. SAKTHIVEL MURUGAN, M.E., <u>Ph.D.</u> | " |

DEPARTMENT OF CIVIL ENGINEERING

TEACHING FACULTY

- | | |
|--|---------------------|
| 1. Dr. P. KATHIRVEL, M.E., <u>Ph.D.</u> | PROFESSOR |
| 2. Mrs. S.THAHIRA BANU, M.E., <u>Ph.D.</u> | ASSISTANT PROFESSOR |
| 3. Mr. S.P. MURALI KANNAN, M.E., <u>Ph.D.</u> | " |
| 4. Mr. P.PONKARTHIKEYAN, M.E., <u>Ph.D.</u> | " |
| 5. Mr. N. JEGAN DURAI, M.Tech., <u>Ph.D.</u> | " |
| 6. Mr. D. VELUMANI, M.E., <u>Ph.D.</u> | " |
| 7. Mr. A. KRISHNAMOORTHY M.E. | " |
| 8. Mr. M. SUBAHAR, M.E., <u>Ph.D.</u> | " |
| 9. Mr. P.GANESH PRABHU, M.E., <u>Ph.D.</u> | " |
| 10. Mrs. B. DEEPA, M.E., <u>Ph.D.</u> | " |
| 11. Mr. A. KARTHIK, M.E., <u>Ph.D.</u> | " |
| 12. Ms. J.CHRISTIA RANI, M.Tech., <u>Ph.D.</u> | " |
| 13. Mr. R. GANESH, M.E. | " |
| 14. Ms. R. SANGEETHA, M.E. | " |
| 15. Ms. A. SHEERIN FARZANA, M.E. | " |
| 16. Ms. B. VITHYA, M.E. | " |

NON TEACHING STAFF

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|----------------------------------|------------|
| 1. Mr. T. BAGAVATH SINGH, D.C.E. | INSTRUCTOR |
| 2. Mrs. P. TAMIL SELVI, D.C.E. | TECHNICIAN |
| 3. Mrs. S. RAJESWARI, D.C.E. | " |
| 4. Mrs. S.KARPAGAVALLI, D.C.E. | " |
| 6. Mr. C. PANDI, D.C.E. | " |
| 7. Mr. C.M. SELVAKUMAR | ASSISTANT |

DEPARTMENT OF STRUCTURAL ENGINEERING (PG COURSE)

- | | |
|-------------------------------|---------------------|
| 1. Dr. R. LAKSHMI, M.E.,Ph.D. | PROFESSOR |
| 2. Ms. S. BRINTHA, M.E., | ASSISTANT PROFESSOR |

DEPARTMENT OF MECHATRONICS ENGINEERING

TEACHING FACULTY

- | | |
|--|------------------------------------|
| 1. Dr. K. KANNAN, M.E.,M.E.,Ph.D. | ASSOCIATE PROFESSOR (SENIOR SCALE) |
| 2. Mrs. G. PABITHA M.E. | ASSISTANT PROFESSOR |
| 3. Mr. G. SAKTHIVEL, M.E., <u>Ph.D.</u> | " |
| 4. Mr. A. ARULKUMAR, M.E. | " |
| 5. Mr. S. KANNAPPAN M.E., <u>Ph.D.</u> | " |
| 6. Mr. B. ARAVIND KUMAR M.E. | " |
| 7. Mr. P. BALASUNDAR, M.E., <u>Ph.D.</u> | " |
| 8. Mr. A. GANESAN, M.E. | " |

NON TEACHING STAFF

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| 1. Mr. L.S. MURUGAN, I.T.I. | TECHNICIAN |
| 2. Mr. J. ANESTRAJ, D.M.E. | " |
| 3. Mr. V. RAJESH KUMAR | ASSISTANT |

FIRST YEAR ENGINEERING

TEACHING FACULTY

- | | |
|---|---------------------|
| 1. Mr. M. RAJASEKARAN, M.E., <u>Ph.D.</u> | ASSISTANT PROFESSOR |
| 2. Ms. T. RAJASHREE, M.E. | " |
| 3. Mrs. VIDYA P. JANAKI, M.E. | " |
| 4. Mr. S. WESLEY MOSES SAMDOSS, M.E. | " |
| 5. Ms. S. KAVITHA M.E. | " |
| 6. Ms. P. KAVIYA, M.Tech. | " |
| 7. Ms. M. KANIMOZHI, M.Tech. | " |
| 8. Mr. L. LOGANATHAN, M.E., <u>Ph.D.</u> | " |

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| 9. Mr. S. MUTHU NATARAJAN, M.E., <u>Ph.D.</u> | ASSISTANT PROFESSOR |
| 10. Mr. K. HARIHARAN, M.E. | ” |
| 11. Ms. J. VIJAYAKEERTHANA, M.E. | ” |
| 12. Mr. T. HARIPRASHATH, M.E. | ” |

NON TEACHING STAFF

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| 1. Mr. M. JEYAGANESAN, B.Com. | CLERK |
| 2. Mr. R. SANTHOSH KUMAR | ASSISTANT |

DEPARTMENT OF FIRST YEAR ENGINEERING

ENGLISH

TEACHING FACULTY

- | | |
|---|---------------------|
| 1. Dr. N. PRATHEEBA, M.A.,M.Phil.,B.Ed.,Ph.D. | PROFESSOR |
| 2. Dr. N. SUNDARARAJAN, M.A.,M.Phil.,Ph.D. | ASSOCIATE PROFESSOR |
| 3. Dr. B. KAYAL VIZHI, M.A.,M.Phil.,Ph.D. | ASSISTANT PROFESSOR |
| 4. Mr. U.S. RAMASWAMY, MA.,M.Phil. | ASSOCIATE PROFESSOR |
| 5. Mr. P. VAIRAMANI, M.A.,M.Phil., <u>Ph.D.</u> | ASSISTANT PROFESSOR |
| 6. Mr. S. PRADEEP KUMAR, M.A.,M.Phil., <u>Ph.D.</u> | ” |

NON TEACHING STAFF

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|-----------------------------|------------|
| 1. Mr. N. MANOJKUMAR, B.Sc. | TECHNICIAN |
|-----------------------------|------------|

MATHS

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|---|---------------------|
| 1. Dr. K. THANALAKSHMI, M.Sc.,M.Phil.,Ph.D. | ASSOCIATE PROFESSOR |
| 2. Dr. N.KAMATCHI, M.Sc.,M.Phil.,Ph.D. | ” |
| 3. Dr. A. MAHESWARI, M.Sc.,M.Phil.,Ph.D. | ” |
| 4. Dr. A.THAMILISAI, M.Sc.,M.Phil,Ph.D. | ASSISTANT PROFESSOR |
| 5. Dr. N. MEHALA, M.Sc.,M.Phil,Ph.D. | ” |
| 6. Mrs. S. BRINDHA, M.Sc.,M.Phil., <u>Ph.D.</u> | ” |

7. Mr. K.M. SATHISH KUMAR, M.Sc.,M.Phil.	ASSISTANT PROFESSOR
8. Mrs. M. GEETHA, M.Sc.,M.Phil.	”
9. Mr. P. PANDIARAJ, M.Sc.,M.Phil.	”
10. Mrs. C. REVATHY, M.Sc.,M.Phil.	”
11. Mrs. K. ANANTHI, M.Sc.,M.Phil.	”
12. Mrs. P.MALA, M.Sc.,M.Phil., Ph.D.	”
13. Mrs. S. MEENAKSHI, M.Sc.,M.Phil.	”
14. Mr. S. GOPINATH, M.Sc.,M.Phil.,Ph.D.	”

PHYSICS

TEACHING FACULTY

1. Dr. A. YELIL ARASI, M.Sc.,M.Phil.,Ph.D.	ASSOCIATE PROFESSOR
2. Dr. M.HEMA, M.Sc.,Ph.D.	”
3. Dr. K. SAKTHIRAJ, M.Sc.,M.Phil.,Ph.D.	ASSISTANT PROFESSOR
4. Dr. M. SHANTHI, M.Sc.,M.Phil.,Ph.D.	”
5. Mrs. G. BHARATHY, M.Sc.,M.Phil.,Ph.D.	”
6. Mr. K.M.MANIKANDAN, M.Sc.,M.Phil.,Ph.D.	”

NON TEACHING STAFF

1. Mrs. M.VIJAYALAKSHMI, D.E.E.E.	TECHNICIAN
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CHEMISTRY

TEACHING FACULTY

1. Dr. T. DHANALAKSHMI, M.Sc.,M.Phil.,Ph.D.	ASSOCIATE PROFESSOR
2. Dr. S. LUNA EUNICE, M.Sc.,M.Phil.,Ph.D.	ASSISTANT PROFESSOR
3. Dr. J. DHANALAKSHMI, M.Sc.,M.Phil.,Ph.D.	”
4. Dr. S. SHAMIM RISHWANA, M.Sc.,M.Phil.,Ph.D.	”
5. Mr. A.R. SIVA KUMAR, M.Sc.,M.Phil.,Ph.D.	”
6. Mr. N. SIVA KUMAR, M.Sc.,M.Phil.,	”

NON TEACHING STAFF

1. Mrs. A. KARPAHAVALLI, B.Sc. TECHNICIAN

DEPARTMENT OF SOFTWARE SYSTEMS

1. Mrs. V. VIJAYALAKSHMI, M.C.A.,M.E. ASSISTANT PROFESSOR
2. Mrs. V. DEEPA PRIYA, M.Sc.,M.Phil.,M.E.,Ph.D. ”
3. Mrs. S. ATHILAKSHMI, M.Sc.,M.Phil.,M.E., Ph.D. ”
4. Mr. D. MUTHUKUMAR, M.Sc.,M.Phil.,M.Tech.,Ph.D. ”
5. Mr. P. PRAVEEN KUMAR, M.Sc.,M.B.A.,M.Tech.,Ph.D. ”

HINDI FACULTY

1. Mr. K.J. SRIDHAR HINDI FACULTY

DEPARTMENT OF PHYSICAL EDUCATION

1. Mr. T. PUSHPARAJ, M.P.E.S.,M.Phil. PHYSICAL DIRECTOR
2. Mr. V. LOGA NAYAGAM, M.PEd., ASSISTANT PHYSICAL DIRECTOR
3. Ms. A. AAVILA,B.A., B.P.Ed., ASSISTANT PHYSICAL EDUCATION DIRECTRESS
4. Mr. S. ARUNAGIRI, D.C.E. CIVIL SUPERVISOR
5. Mr. R. GURUSAMY HELPER
6. Mrs. S. NAGAJOTHI ”
7. Mr. R. KASI PREM ASSISTANT
8. Mrs. K.INDIRA YOGA INSTRUCTOR
9. Mrs. U.KAVITHA YOGA INSTRUCTOR
10. Mrs. M. SABITHA YOGA INSTRUCTOR
11. Mr. V.JEYAKUMAR RAJA ATHLETIC COACH
12. Mr. M.SEENIVASAN YOGA INSTRUCTOR
13. Mr. K. ANANAD KUMAR BADMINTON COACH
14. Mr. A. RAMANATHAN GYM TRAINER

STUDENT COUNSELLER

1. Dr. S. GOMATHY STUDENT COUNSELLOR

DISPENSARY

1. Mrs. B. VIJAYA, ANM. NURSE

TRAINING DEVELOPMENT AND PLACEMENT CELL

1. Mr. R. PRAVIN KUMAR, M.A.,M.Phil. LANGUAGE TRAINER
2. Mr. S. VENKATESH, M.Sc. PROGRAMMING LANGUAGE TRAINER
3. Mr. R.S. MUTHARASU, B.Sc. TECHNICIAN
4. Mr. M. NARAYANAN ASSISTANT

LIBRARY

1. Mrs. S. MANOHARI.,M.Com.,M.Phil.,M.L.I.Sc.,M.Phil.,Ph.D. LIBRARIAN
2. Mrs. P.PANDIRANI, M.L.I.Sc.,M.Phil. ASST. LIBRARIAN
3. Mrs. S. SUSEELA DEVI, M.C.A, M.L.I.Sc. ”
4. Mr. V. URUMA KARUPPASAMY, M.L.I.S.C.,PGDMM. LIBRARY CLERK
5. Mr. R. ANTONY RAJ, B.Com. LIBRARY CLERK
6. Mrs. S. SUMATHI BINDER
7. Mr. A.N. DOSS ASSISTANT
8. Mr. T. JHOSUVA ”
9. Mr. J.PHILIP MANUVEL ”

ADMINISTRATIVE OFFICE

1. Mr. M. RAJESH, M.Com.,PGDPMIR. OFFICE MANAGER
2. Mr. T. ASOKAN, D.M.E. SENIOR CLERK
3. Mrs. K. JEYANTHI, M.A. ”
4. Mr. B. SUNDARARAJAN, B.Com. ”
5. Mrs. S. KALAIVANI, M.Com.,M.Phil. ”
6. Mr. I. YOGARAJAN, B.Com. ”
7. Mrs. S. VASANTHI, M.Com.,M.Phil. ”
8. Mrs. S. SELVARANI, B.Com. ”
- 9 Mrs. M. MALARKODI, B.A. ”
10. Mrs. M. JEYAMANI B.Sc. ”
11. Mrs. G.THANALAKSHMI, B.Com.,P.G.D.C.A. ”
12. Mr. M. VINOTH KANNAN, B.Com. ”

13. Mrs. R. MURUGESWARI, M.Com.	ACCOUNTS CLERK CUM MESS SUPERVISOR
14. Mrs. M. LAKSHMI, M.A.	ACCOUNTS CLERK CUM CANTEEN SUPERVISOR
15. Mrs. A. GEETHA, B.A.	CLERK
16. Mr. P. KARTHIK RAJA, B.Com.	”
17. Mr. C. GURUNATHAN., B.Com.	”
18. Mr. N. SATHISHKUMAR, B.Com.,M.B.A.	”
19. Mr. B.KARTHIKEYAN, I.T.I.	SENIOR TECHNICIAN
20. Mr. A. RAJESH, B.E.	TECHNICIAN
21. Mr. D. JOHN ROBERT	SENIOR OFFICE ASSISTANT
22. Mr. P. RAMESHKUMAR	”
23. Mr. N. SIVASANKARA MOORTHY	”
24. Mr. J. KALIDOSS	ASSISTANT

POWER HOUSE

1. Mr. J. MATHIVANAN, D.C.E.	ELECTRICAL ENGINEER
2. Mr. K. VIVEKANANDAN, D.E.E.E.	ELECTRICAL SUPERVISOR
3. Mr. D.RAJA PANDIAN, D.E.E.E.	ELECTRICIAN
4. Mr. P. BALAMURUGAN, I.T.I.	ELECTRICIAN
5. Mr. M. CHANDRASEKAR	PLUMBER

PROTOTYPE & PRODUCT DEVELOPMENT CENTRE

1. Mr. K. PANDURENGAN, D.M.E.	Sr. ENGINEER
2. Mr. S. VIJAYARAGAVAN, D.R&AC.	A/C MECHANIC
3. Mr. S.S. SANKARA KUMAR, M.Tech.	INSTRUCTOR
4. Mr. N. KUMAR	TECHNICIAN
5. Mr. S. NATARAJAN, I.T.I.	TURNER

CANTEEN

1. Ms. S. TAMILARASI. B.A.	RESI. CANTEEN CLERK
2. Mrs. S. DHANAPACKIAM, B.Com.	CLERK
3. Mr. V.NAGARAJAN	CANTEEN ASSISTANT

TUCKSHOP

- | | |
|----------------------------------|-----------|
| 1. Mr. M. VANARAJ, B.Com.,M.B.A. | CLERK |
| 2. Mr. P. SELVAKUMAR | ASSISTANT |
| 3. Mr. E. SIVASANKAR, B.Com. | CLERK |

BOYS HOSTEL

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|--|----------------------------|
| 1. Mr. K.S. KASIMANI | MESS MANAGER |
| 2. Mr. P. SARAVANA KUMAR | MESS CLERK |
| 3. Mr. P. AUGUSTIAN | MESS ASSISTANT |
| 4. Mr. A. MANICKAVASAGAM, M.A. | BOYS HOSTEL SUPERINTENDENT |
| 5. Mr. M. RAJENDRAN | ELECTRICIAN |
| 6. Mr. P. MAHENTHIRA RAJA, B.Com. | RESI. HOSTEL CLERK |
| 7. Mr. D. SARAVANA GANESAN, M.Com.,B.L.I.Sc. | CLERK |
| 8. Mr. R. SINGARAVEL | HOSTEL ASSISTANT |

GIRLS HOSTEL

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|--------------------------------|-------------------------|
| 1. Ms. M. MUTHULAKSHMI, B.Com. | RESI. HOSTEL CLERK |
| 2. Ms. T. SHUNMUGATHAI | RESI. HOSTEL ASSISTANT |
| 3. Mrs. S. UMA | RESI. HOSTEL. ASSISTANT |
| 4. Ms. A. JEYASUDHA, B.Sc. | RESI. MESS CLERK |
| 5. Mrs. P. RUBYMARY, ANM. | NIGHT SHIFT NURSE |

MAINTENANCE OFFICE

- | | |
|-----------------------|----------------|
| 1. Mr. V. SUBBURAJ | MOTOR OPERATOR |
| 2. Mr. C. BALAMURUGAN | " |
| 3. Mr. V. SRINIVASAN | " |
| 4. Mr. K. MUNIPANDI | " |
| 5. Ms. M. LEELAVATHY | GARDENER |
| 6. Mr. K. MAHENDRAN | " |

DRIVERS

1. Mr. M. PANDIAN	CAR DRIVER
2. Mr. M. KALIAPPAN	BUS DRIVER
3. Mr. M. PERIYASAMY	CAR DRIVER
4. Mr. E. PALANICHAMY	”
5. Mr. A. JESURAJA	BUS DRIVER
6. Mr. C. NAVANITHA KRISHNAN	”
7. Mr. S. NAGARAJAN	”
8. Mr. K. THANGAMARIAPPAN	”
9. Mr. S. RAMAMOORTHY	”
10. Mr. P. CHANDRAN	”
11. Mr. N. MARIMUTHU	”
12. Mr. K. KUMARASAMY	”
13. Mr. S. MARUTHAPANDIAN	”
14. Mr. K. MARISELVAM	”
15. Mr. M. MUTHU PANDI	”
16. Mr. K. VAIGAIRAJA	”
17. Mr. R. TAMIL SELVAN	”
18. Mr. V. SANTHIYAGU	”

7. COLLEGE FACILITY

7.1 CREDENTIALS OF THE INSTITUTION :

- The Institution is approved by All India Council for Technical Education (AICTE), New Delhi and affiliated to Anna University, Chennai.
- As per the AICTE - Confederation of Indian Industry (CII) survey of Industry Linked Technical Institutes 2018, the Institution is ranked with **GOLD rating in a score band of 10 - 30**.
- The Institution is accredited by **NAAC with 'A' grade and a CGPA of 3.03** for a period of 5 years (2015 - 2020).
- IQAC, a post accreditation quality sustenance measure, monitors quality and functions as a part of the institution's system.
- Three of the UG programmes, B.Tech. - Biotechnology, B.E. - Electrical and Electronics Engineering, and B.E. - Mechanical Engineering are accredited by **National Board of Accreditation (NBA), New Delhi for 3 years** from July 2017 - June 2020.
- **9 UG** programmes and **1 PG** programme have obtained **Permanent Affiliation** from **Anna University, Chennai**.
- The institution is an Associate member of **ICT Academy of Tamilnadu** and **AICTE-CII** to enhance Industry-Institute partnership.
- The Institution has been awarded "**Best in Infrastructure Award**" by **Data Quest, New Delhi**.
- The Institution is a nodal center for **Spoken Tutorial & E-Yantra** of IIT Bombay.

- The Institution is awarded as the “**IAB Blind Empowerment Champions 2019 Gold Zone**” by Indian Association for the Blind.
- The Institution has received Gold Trophy in the year 2015 & 2018 - for the category of **Best Educational Institution Contributing to Plastics** bestowed by PlastIndia Foundation, Mumbai (PLASTICON AWARD).

University Examination Performance and Academic Reputation:

- The Institution is **consistently producing 10-15 University Ranks**, on an average, in **Anna University Examinations** including both UG and PG programmes every academic year. During the April-May 2018 Anna University Examinations, 15 (10-UG;5-PG) university ranks were achieved by our students. Among the 15 university rank holders, Polymer Technology Department has produced University First Rank.

S.No.	Name of the student	Department	Rank
1	P.Gowtham	B.Tech Polymer Technology	1

- The Institution is recognized as **NPTEL Local Chapter** since April 2015. Out of 1600+ NPTEL Local Chapters, two times the institution has been recognized in the top 100 Local Chapters and also recognized as a NPTEL Active Local Chapter from December 2016. Students and faculty members have completed several of the NPTEL courses in ELITE and Gold category.
- **EDUSAT Programme**—It is a live telecast of programme with special lectures by experts, telecast by **Anna University, Chennai**.

- **Eminent personalities** from various reputed academic institutions like IIT, NIT, Foreign Universities and Multi-National Companies often visit college campus to deliver guest lectures in recent technological advancements for the benefit of faculty members and students.
- **Anna University Training and Development Communication Channel (TDCC)**-Video Conferencing facility is available.
- The Institution is a nodal center for **Quality Improvement Programme (QIP) under Anna University - Center for Faculty Development (AU - CFD)**
- The Institution has an **institutional membership** in various professional bodies such as **ISTE and IE (India)**.
- The College is awarded and certified as **LabVIEW School of Academy** by **National Instruments, Bangalore**.
- The college is recognized as Advanced Partner Institute in Infosys Campus Connect.

Value Added Courses

Value added courses are being conducted for the students to bridge the gap between curriculum and industry. It helps the students to get updated on modern tools and get exposed to recent and advanced technologies. Some of the value added courses conducted includes IoT APP development, Lab View CLAD, Infosys campus connect, CCNA, REVIT ARCHITECT, STAAD PRO, Digital Prototyping using Autodesk Inventor, IBM career education program, Cloud computing, Cyber security, Mobile Technology, Optimization in Bio processing, Good Laboratory Practice, Drug Delivery, Vermicompost, Algal Tech., Skill Development for Sr. Rubber Technician. 1D and 2D signal processing using MATLAB & GUI, Industrial Automation using Pneumatics, Electrical CAD, etc.

Students are motivated to participate in various co-curricular activities such as Seminars, Symposia, Conferences and Project Contests, etc. Students have also obtained fellowships from Indian National Science Academy (INSA) and other institutes to undergo their project work. Each department organizes Workshops, Seminars, Hands-on Training, Conferences, Guest Lectures and other programs at periodic intervals every academic year under the banner of their association.

- ★ Our College has secured the 8th place in the top 10 ranked Engineering Institutions in Tamilnadu for on campus placements.
- ★ 595 students have been placed so far during the last academic year 2018-19.

Infrastructural Facility

- + The total area of construction of our college is 7,00,303 sq.ft
- + Computer Centres - 1489 systems with Xeon servers.
- + Bandwidth: 85 Mbps Leased line connectivity enabling high speed access to the Internet from Reliance Infocom with dedicated 1:1 connectivity and NKN additional 40 Mbps through BSNL.
- + Automatic Restoration Generator Set with capacity of 1075 KVA.
- + Green campus with 30 kW solar power grid and thirty solar street lights.
- + RO water plant and water coolers inside the campus.
- + Well furnished Library with more than 67,200 volumes of Text and Reference books and digital section for e-journals.
- + Spacious Multipurpose Hall to accommodate 1750 students.

- + APPLE LAB is established in our campus with 34 Apple iMAC systems to expose our students to the latest technologies and also to provide a 21st century learning environment in our campus.
- + Our college is an approved CISCO Networking Academy through which we conduct CCNA certification courses at our college by collecting a nominal fee.
- ★ An MoU has been signed between our college and SMC Pneumatics (India) Pvt. Ltd., Mahindra City, Kanchipuram District.

7.2 COMMON FACILITY

I. Library

The digital library has a good collection of books in digital formats (as opposed to print, microform or other media) and accessible by computers. The digital content is stored locally, and can be accessed remotely via computer networks.

Our Library has :

- ◆ a built up area of 1981.08 sq.m. with an air - conditioned EDUSAT Hall.
- ◆ a collection of 67,200 volumes of books and 12,800 titles in a variety of Engineering subjects and digital resources of 5275 CDs / DVDs.
- ◆ a subscription of 138 National Journals and 195 E - Journals.

Interlibrary Borrowing Facility : DELNET in our library provides borrowing facility through inter Library Loan for getting books, journal articles and CD-ROM databases.

Book Bank

SC / ST Book Bank scheme has a collection of 160 Volumes which are lent separately.

Digital Section

The Digital section has forty five Personal Computers with CD writers, Pen drive and internet connectivity.

Career Development Programme

- ◆ NPTEL (National Programme on Technology Enhanced Learning) - to enhance the quality of engineering education by IIT Madras.
- ◆ Anna University TDCC (Training and Development Communication Channel) - Video Conferencing programme has also been installed in our college.
- ◆ EDUSAT - live interactive audio-video lecture programmes from Anna University / Affiliated colleges.

Library Working Hours :

Working days	:	8.00 a.m. to 8.00 p.m.
Sunday	:	9.00 a.m. to 1.00 p.m.
Other holidays	:	9.00 a.m. to 1.00 p.m.

Book Borrowing Status :

Teaching Staff	:	12 Books
Non-Teaching Staff	:	2 Books
UG / PG Students	:	5 Books

II. WI-FI Campus :

The whole campus is well connected through wire / wireless networks. Students have access to internet with 125 Mbps connectivity. The coverage of Wi-Fi is not only restricted to class rooms but also extended to all the areas including library, auditorium, cafeteria, and hostels. Eventually, it enables Kamaraj College of Engineering and Technology to switch over to innovative and recent teaching and learning methodologies.

III. RO Water Facility :

Water points are available at appropriate places in and around the campus to quench the thirst of the students. “Water, the elixir of Life” is purified using the reverse osmosis method, and supplied hygienically. This, in turn, protects the students from health hazards and helps them to lead a healthy life.

IV. Tamilnad Mercantile Bank’s Extension Counter & ATM

An extension counter of Tamilnad Mercantile Bank Ltd., Virudhunagar has been functioning in our College since 2001. Students are advised to deposit their money in the Extension Counter and pay all College fees through Bank only. For the convenience of students an ATM Counter is also functioning.

V. Hostel :

Separate hostels are run for boys and girls within our College Campus. Both the hostels have the following facilities.

- ◆ Modern Kitchen and Mess Hall
- ◆ Solar Water heater
- ◆ RO Water for drinking
- ◆ Tuck shop with all amenities
- ◆ Phone booth
- ◆ Reading Hall with weekly magazines and newspapers
- ◆ TV hall with DVD player and Tape recorder
- ◆ Gym Hall
- ◆ Speakers in each wing
- ◆ Systems with Wi-Fi facility.
- ◆ For worshipping God, “Arulmigu Om Sri Sakthi Vinayagar” temple has been constructed in the Girl’s Hostel.

- ◆ Parents Waiting Hall - Girls Hostel.
- ◆ Girls Hostel capacity is around 800 and Boys Hostel capacity is around 500.

VI. Canteen

A canteen providing good hygienic food is available in our College Campus.

VII. College tuckshop

For the benefit of the students and members of the staff, a Tuckshop is run in the College campus. Stationery goods, Note books, Paper, etc. are sold here. Snacks and Soft drinks are also available here.

VIII. College buses

College buses ply across Virudhunagar, Madurai, Tirumangalam, Sattur, Kovilpatti, Rajapalayam, Thalavaipuram, Srivilliputtur, Vilampatti, Sithurajapuram, Sivakasi, Peraiyur, T. Kallupatti, Aruppukottai and Kalkurichi, Kariapatti.

Buses start from a fixed place at a fixed time and reach the College campus. The buses will stop only at the fixed stops on the way and not in any other place.

IX. Other amenities

- ◆ Automatic instant power restoration within 5 seconds, when EB supply fails.
- ◆ STD facility
- ◆ Photo Copier Centre
- ◆ Water Cooler
- ◆ Courier Service facility

8. CO-CURRICULAR ACTIVITIES

i) Industry Institute Interaction Cell

Mr. K. Ganesan, (EEE) and Mr. P. Sivasubramanian (Mech) are the co-ordinators. The functions of Industry Institute Interaction Cell include the following :

- ◆ To give industry exposure to faculty members and students by enabling them to tune their knowledge to cope with the industrial culture.
- ◆ To sign Memoranda of Understanding between the institute and industries and to bring the two sides emotionally and strategically closer.
- ◆ To create R&D Laboratories sponsored by industries at the institute.

ii) Personality Development Programme

Students must be equipped with multifaceted skills. With this aim, many steps have been taken to impart personality development among students. Special lectures by eminent experts are arranged every month to shape the personality of the students. Students are expected to prepare articles, based on the topics dealt in the Personality Development Classes.

9. CLUBS OF KCET

Become member ... to become a leader

1 KCET Hindi Club

Mr. D. Mariappan, AP, EEE

To generate interest among students in spoken Hindi.

2 KCET NCC

Dr. S. Senthil, HoD, Mech

To develop character, discipline, leadership, secular outlook, spirit of adventure and patriotism among the youth of the country.

3 KCET Tech Band

Dr. S. Senthil, HoD, Mech

To gain familiarity and make students play different types of musical instruments.

4 KCET French Club

Dr. B. Kayalvizhi, AP, English

To improve conversation skills and knowledge of Francophone culture and language in a casual setting.

5 JCI Virudhunagar KCET Mellow

Mr. L. Loganathan, AP, Mech

To be the member of the leading global network of young active citizens.

6 KCET Water Recycling Club

Mr. K. Pandurengan, Instructor, Mech

To enable students to learn recycle and use the waste water effectively.

7 KCET Robotics Club

Mr. G. Sakthivel, AP, MTRE

To provide opportunities for students in robotics innovation and explore new avenues in technical field, embedded with values.

8 KCET Entrepreneur

Mr. S. Chidambara Kumaran, AP, Mech

To inculcate Entrepreneurial qualities among students.

9 KCET Editorial Board Club

Dr. N. Pratheeba, Prof, English

To sharpen the writing and technical skills of the students through creativity and innovation.

10 KCET Walkers Club

Ms. A. Aavila, Assistant Physical Director

To cultivate healthy habits among students so as to have a sound body and sound mind.

11 KCET NSS Club

Mr. P. Ganesh Prabhu, AP, Civil.

To identify the needs and problems of the community and involve them in problem solving process.

12 Students Welfare Supportive Club

Mr. M. Rajesh (Office Manager)

To provide parental care for the students

13 KCET Prototype

Dr. R. Lakshmi, HoD, Civil

To kindle the students innovative thinking and to apply their theoretical knowledge to fabricate working models.

14 KCET Photographic Club

Dr. M. Shanthi, AP, Physics

To enhance the ability of taking photography and videography by providing hands on training.

15 KCET Library Club

Mrs. S. Manohari, Librarian

A place to discover scholars and a chance to self-develop

16 KCET Tech Beats

Dr. D. Prince Winston, Prof, EEE

To showcase the talent of students in singing and playing musical instruments.

17 KCET Sports Club

Ms. A. Aavila, Assistant Physical Director

To strengthen the physical and mental health of the students and mould them to be focused, disciplined and committed.

18 KCET Fine Arts Club

Dr. S. Luna Eunice, AP, Chemistry

To tap out the innate potentials of the students pertaining to artistic skill, imagination and creative ability.

19 KCET Toast Masters Club

Mr. S. PRADEEP KUMAR, AP, English

To foster and encourage students for “Better Listening, Thinking and Speaking”.

20 KCET Techie Talks

Mr. P. Vairamani, AP, English

To make the Students “Get The Gift Of The Gab”.

21 KCET Debate Club

Dr. N. Sundararajan, ASP, English

To display intellectual and independent thinking skills and imbibe a sense of confidence.

22 Innovators Club

Mr. G. Srinivasan, AP, CSE

To motivate our students to ideate and develop novel innovative projects for societal / Industry needs.

23 Rotaract Club

Dr. K. Sakthiraj, AP, Physics

To aim at self development fellowship through service.

24 Programmer's Club

Mrs. R. Ramya AP, CSE

To kindle the interest of students in programming and improve their employability skills.

25 Research Club

Dr. S. Kailash, AP, PT

Dr. V.C. Padmanaban, AP, BT

Lectures by experts on "How to identify the problem statement".

To explore the various possibilities of research collaborations outside college (Fellowships / internships)

26 Gardening Club

Dr. S. Karthikumar, AP, BT

To stimulate interest among students in gardening and promote excellence in gardening practices.

27 Aero modelling

Mr. M. Prithviraj, AP, Mech

To cultivate, explore and learn about aviations / aerodynamics.

28 SAE India Club

Mr. N. R. Madhan, AP, Mech

To provide to its members access to SAE International programs and services globally enabling them to practice world class standard in productivity and quality.

29 Electronics Club

Mr. K. Ganesan, AP, EEE

To make students to understand the functions of basic electronic instruments and enable them to assemble electronic circuits on their own for their projects

30 Green Energy Club

Mr. A. Karuppasamy, AP, EEE

To impart technical knowledge on renewable energy, its production, working system and benefits of renewable energy sources.

31 Youth Red Cross

Mr. K. Agathian, AP, PT

To protect human life by donating blood.

32 Parents Club

Dr. I. Ganesh Moorthy, ASP, BT

*To collect the opinion of parents regarding infrastructure of college, academic excellence and holistic development of the students.*To establish a network amongst parents that would enable exchange of information and seek guidance of potential parents towards in-plant training, industrial visits and employability skills of the students.

33 Yoga Club

Mr. T. Pushparaj, Physical Director

To enable students to obtain self discipline, self control and acquire strong mental health.

RSDC's SRT Programme

Value Added Training Programme in "Rubber Technology" for the job role of "Senior Rubber Technician (SRT)" is organised for B.Tech. (Polymer Technology) graduates. The course is affiliated to RSDC, New Delhi. Our college won the special award for Best College 2016-2017 for Offering Certification programme of Senior Rubber Technician at New Delhi on 10-11-2017.

10. ANNA UNIVERSITY, CHENNAI - UG

REGULATIONS 2013

(Common to all B.E. / B.Tech. Degree (8 Semesters) Full Time Programmes of Affiliated Institutions)

CREDIT SYSTEM

AFFILIATED COLLEGES

DEGREE OF BACHELOR OF ENGINEERING / BACHELOR OF TECHNOLOGY

This Regulations is applicable to the students admitted to B.E./B.Tech. Programmes at all Engineering Colleges affiliated to Anna University, Chennai (other than Autonomous Colleges) and to all the University Colleges of Engineering of Anna University, Chennai from the academic year 2013-2014.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- I) **“Programme”** means Degree Programme, that is B.E./B.Tech. Degree Programme.
- II) **“Discipline”** means specialization or branch of B.E./B.Tech. Degree Programme, like Civil Engineering, Textile Technology, etc.
- III) **“Course”** means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, etc.
- IV) **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the Academic Programmes for implementation of relevant rules of this Regulations pertaining to the Academic Programmes.
- V) **“Chairman”** means the Head of the Faculty.
- VI) **“Head of the Institution”** means the Principal of the College.
- VII) **“Head of the Department”** means head of the Department concerned.
- VIII) **“Controller of Examinations”** means the authority of the University who is responsible for all activities of the University Examinations.
- IX) **“University”** means ANNA UNIVERSITY, CHENNAI.

2. ADMISSION

- 2.1 Candidates seeking admission to the first semester of the eight semester B.E. / B.Tech. Degree Programme:

Should have passed the Higher Secondary Examinations of (10+2) Curriculum (Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects of study under Part-III or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

(OR)

Should have passed the Higher Secondary Examination of Vocational stream (Vocational groups in Engineering / Technology) as prescribed by the Government of Tamil Nadu.

2.2 Lateral entry admission

- (i) The candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamilnadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. in the branch corresponding to the branch of study.

(OR)

- (ii) The candidates who possess the Degree in Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. Such candidates shall undergo two additional Engineering subject(s) in the third and fourth semesters as prescribed by the University.

3. PROGRAMMES OFFERED

B.E. / B.Tech. Programmes under the Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Electrical Engineering, Faculty of Information and Communication Engineering and Faculty of Technology.

4. STRUCTURE OF PROGRAMMES

4.1 Every Programme will have curricula with syllabi consisting of theory and practical courses such as:

- (i) General core courses comprising Mathematics, Basic sciences, Engineering sciences, Humanities and Management.
- (ii) Core courses of Engineering/Technology.
- (iii) Elective courses for specialization in related fields.
- (iv) Workshop Practice, Computer Practice, Engineering Graphics, Laboratory work, Industrial Training, Seminar presentation, Project work, Educational tours, Camps etc.
- (v) NCC / NSS / NSO / YRC activities for character development There shall be a certain minimum number of core courses and sufficient number of elective courses that can be opted by the students. The blend of different courses shall be so designed that the student, at the end of the programme, would have been trained not only in his / her relevant professional field but also would have developed as a socially conscious human being.

4.2 Each course is normally assigned a certain number of credits with 1 credit per lecture period per week, 1 credit per tutorial period per week, 1 credit for 2 periods of laboratory or practical or seminar or project work per week (2 credits for 3 or 4 periods of practical).

- 4.3 Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 and practical courses not exceeding 4. However, the total number of courses per semester shall not exceed 10.
- 4.4 For the award of the degree, a student has to earn certain minimum total number of credits specified in the curriculum of the relevant branch of study.
- 4.5 **The medium of instruction is English for all courses, examinations, seminar presentations and project / thesis / dissertation reports except for the programmes offered in Tamil Medium.**

5. DURATION OF THE PROGRAMME

- 5.1 A student is ordinarily expected to complete the B.E. / B.Tech. Programme in 8 semesters (four academic years) but in any case not more than 14 Semesters for HSC (or equivalent) candidates and not more than 12 semesters for Lateral Entry Candidates.
- 5.2 Each semester shall normally consist of 90 working days or 450 periods of 50 minutes each. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.
- 5.3 The Head of the Institution may conduct additional classes for improvement, special coaching, conduct of model test etc., over and above the specified periods. But for the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 6) by the students, following method shall be used. Percentage of Total no. of periods attended in all the courses per semester

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per semester}}{(\text{No. of periods / week as prescribed in the curriculum}) \times 15} \times 100$$

taken together for all courses of the semester

The University Examination will ordinarily follow immediately after the last working day of the semester as per the academic schedule prescribed from time to time.

- 5.4 The total period for completion of the programme reckoned from the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study (vide clause 18.4) in order that he/she may be eligible for the award of the degree (vide clause 15).

6. ATTENDANCE REQUIREMENTS FOR COMPLETION OF THE SEMESTER

- 6.1 A Candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester. Ideally every student is expected to attend all classes and secure 100% attendance. However, in order to give provision for certain unavoidable reasons such as Medical / participation in sports, the student is expected to attend atleast 75% of the classes. Therefore, he/she shall **secure not less than 75%** (after rounding off to the nearest integer) of overall attendance as calculated as per clause 5.3.

- 6.2 However, a candidate who secures overall attendance between 65% and 74% in the current semester due to medical reasons (prolonged hospitalization / accident / specific illness) / Participation in Sports events may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate / sports participation certificate attested by the Head of the Institution. The same shall be forwarded to the Controller of Examinations for record purposes.
- 6.3 Candidates who **secure less than 65% overall attendance and candidates who do not satisfy the clause 6.1 and 6.2** shall not be permitted to write the University examination at the end of the semester and not permitted to move to the next semester. They are required to repeat the incomplete semester in the next academic year, as per the norms prescribed.

7. CLASS ADVISOR

There shall be a class advisor for each class. The class advisor will be one among the (course-instructors) of the class. He / She will be appointed by the HoD of the department concerned. The class advisor is the ex-officio member and the Convener of the class committee. The responsibilities for the class advisor shall be:

- ◆ To act as the channel of communication between the HoD and the students of the respective class.
- ◆ To collect and maintain various statistical details of students.
- ◆ To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- ◆ To monitor the academic performance of the students including attendance and to inform the class committee.
- ◆ To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

8. CLASS COMMITTEE

- 8.1. Every class shall have a class committee consisting of teachers of the class concerned, student representatives and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include
- ◆ Solving problems experienced by students in the class room and in the laboratories.
 - ◆ **Clarifying the regulations of the degree programme and the details of rules therein particularly (clause 5 and 6) which should be displayed on college Notice-Board.**
 - ◆ Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.

- ◆ Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / project work / seminar etc.) the breakup of marks for each experiment / exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.
 - ◆ Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
 - ◆ Identifying the weak students, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.
- 8.2 The class committee for a class under a particular branch is normally constituted by the Head of the Department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Head of the Institution.
- 8.3 The class committee shall be constituted within the first week of each semester.
- 8.4 At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee.
- 8.5 The Chairperson of the class committee may invite the Class adviser(s) and the Head of the Department to the class committee meeting.
- 8.6 The Head of the Institution may participate in any class committee of the institution.
- 8.7 The chairperson is required to prepare the minutes of every meeting, submit the same to Head of the Institution within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the Management by the Head of the Institution.
- 8.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. **The Class Committee Chairman shall put on the Notice Board the cumulative attendance particulars of each student at the end of every such meeting to enable the students to know their attendance details to satisfy the clause 6 of this Regulation.** During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

9. COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one discipline or group, shall have a “Course Committee” comprising all the teachers teaching the common

course with one of them nominated as Course Coordinator. The nomination of the Course Coordinator shall be made by the Head of the Department / Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The 'Course committee' shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests. Wherever feasible, the course committee may also prepare a common question paper for the internal assessment test(s).

10. SYSTEM OF EXAMINATION

- 10.1 Performance in each course of study shall be evaluated based on (i) continuous internal assessment throughout the semester and (ii) University examination at the end of the semester.
- 10.2 Each course, both theory and practical (including project work & viva voce Examinations) shall be evaluated for a maximum of 100 marks. For all theory and practical courses including project work, the continuous internal assessment will carry **20 marks** while the End - Semester University examination will carry **80 marks**.
- 10.3 Industrial training and seminar shall carry 100 marks and shall be evaluated through internal assessment only.
- 10.4 The University examination (theory and practical) of 3 hours duration shall ordinarily be conducted between October and December during the odd semesters and between April and June during the even semesters.
- 10.5 The University examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner and an internal examiner, followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the supervisor of the project group and an internal examiner.
- 10.6 For the University examination in both theory and practical courses including project work the internal and external examiners shall be appointed by the Controller of Examinations.

11. PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

For all theory and practical courses (including project work) the continuous assessment shall be for a maximum of 20 marks. The above continuous assessment shall be awarded as per the procedure given below:

11.1 (a) Theory Courses

Three tests each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all tests put together out of 300, shall be proportionately reduced for 20 marks and rounded to the nearest integer (This also implies equal weightage to all the three tests).

(b) Practical Courses:

The maximum marks for Internal Assessment shall be 20 in case of practical courses. Every practical exercise / experiment shall be

evaluated based on conduct of experiment / exercise and records maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 20 is as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be reduced to 20 and rounded to the nearest integer.

(c) Theory Courses with Laboratory Component:

If there is a theory course with Laboratory component, there shall be three tests: the first two tests (each 100 marks) will be from theory portions and the third test (maximum mark 100) will be for laboratory component. The sum of marks of first two tests shall be reduced to 60 marks and the third test mark shall be reduced to 40 marks. The sum of these 100 marks may then be arrived at for 20 and rounded to the nearest integer.

- 11.2 (a)** The seminar / Case study is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar, marks can be equally apportioned. The three member committee appointed by Head of the Institution will evaluate the seminar and at the end of the semester the marks can be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).
- (b)** The Industrial / Practical Training, Summer Project, Internship shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical training / internship / Summer Project, the candidate shall submit a certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a Viva- Voce Examination, conducted internally by a three member Departmental Committee constituted by the Head of the Institution. The certificates (issued by the organization) submitted by the students shall be attached to the mark list sent by the Head of the Institution to the Controller of Examinations.

11.3 Project Work:

Project work may be allotted to a single student or to a group of students not exceeding 4 per group. The Head of the Institutions shall constitute a review committee for project work for each branch of study. There shall be three reviews during the semester by the review committee. The student shall make presentation on the progress made by him / her before the committee. The total marks obtained in the three reviews shall be **reduced for 20 marks** and rounded to the nearest integer (as per the scheme given in 11.3.1).

- 11.3.1** The project report shall carry a maximum 30 marks. The project report shall be submitted as per the approved guidelines as given by Director, Academic Courses. Same mark shall be awarded

to every student within the project group for the project report. The vivavoce examination shall carry 50 marks. Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

Review I	Review II	Review III	End semester Examinations				
			Thesis Submission (30)		Viva-Voce (50)		
5	7.5	7.5	Internal	External	Internal	External	Supervisor
			15	15	15	20	15

11.3.2 If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-enroll for the same in a subsequent semester.

11.4 Internal marks approved by the Head of the Institution shall be displayed by the respective HODs within 5 days from the last working day.

11.5 Attendance Record

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topic covered), separately for each course. This should be submitted to the Head of the department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the department will put his signature and date after due verification. At the end of the semester, the record should be verified by the Head of the Institution who will keep this document in safe custody (for five years). The University or any inspection team appointed by the University may verify the records of attendance and assessment of both current and previous semesters.

12. REQUIREMENTS FOR APPEARING FOR UNIVERSITY EXAMINATIONS

A candidate shall normally be permitted to appear for the University Examinations of the current semester if he/she has satisfied the semester completion requirements (subject to Clause 6) and has registered for examination in all courses of the semester. Registration is mandatory for current semester examinations as well as arrear examinations, failing which the candidate will not be permitted to move to the higher semester.

A candidate who has already appeared for any subject in a semester and passed the examination is not entitled to reappear in the same subject for improvement of grades.

13. PASSING REQUIREMENTS

13.1 A candidate who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester University Examinations] with a minimum of 45% of the marks prescribed for the end-semester

University Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and practical courses (including project work).

- 13.2 If a candidate fails to secure a pass in a particular course, it is mandatory that he/she shall register and reappear for the examination in that course during the subsequent semester when examination is conducted in that course; he/she should continue to register and reappear for the examinations in the failed subjects till he / she secures a pass.
- 13.3 The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass. However, from the third attempt onwards if a candidate fails to obtain pass marks (IA + End Semester Examination) as per clause 13.1, then the candidate shall be declared to have passed the examination if he/she secure a minimum of 50% marks prescribed for the university end semester examinations alone.

14. AWARD OF LETTER GRADES

- 14.1 All assessments of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the candidate in each subject as detailed below:

Letter grade	Grade Points	Marks Range
S	10	91 – 100
A	9	81 – 90
B	8	71 – 80
C	7	61 – 70
D	6	57 – 60
E	5	50 – 56
U	0	< 50 (or e" 50 but not satisfying clause 13.1)
W	0	

A student is deemed to have passed and acquired the corresponding credits in a

particular course if he/she obtains any one of the following grades: "S", "A", "B", "C", "D", "E". 'SA' denotes shortage of attendance (as per clause 6.3) and hence prevention from writing the end semester examination. 'SA' will appear only in the result sheet. "U" denotes **Reappearance** (RA) is required for the examination in the course. "W" denotes **withdrawal** from the exam for the particular course. (The grades U and W will figure both in Marks Sheet as well as in Result Sheet) **Grade sheet** After results are declared, Grade Sheets will be issued to each student which will contain the following details:

The college in which the candidate has studied

The list of courses enrolled during the semester and the grade scored.

The Grade Point Average (GPA) for the semester and

The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards. GPA for a semester is the ratio of the sum of the products of the number of credits for courses acquired and the corresponding points to the sum of the number of credits for the courses acquired in the semester. CGPA will be calculated in a similar manner, considering all the courses registered from first semester. "U", and "W" grades will be excluded for calculating GPA and CGPA.

$$\text{GPA / CGPA} = \frac{\sum_{i=1}^n C_i \text{ GPI}}{\sum_{i=1}^n C_i}$$

where **C_i** is the number of Credits assigned to the course **GPI** is the point corresponding to the grade obtained for each course **n** is number of all courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA

15. ELIGIBILITY FOR THE AWARD OF THE DEGREE

15.1 A student shall be declared to be eligible for the award of the Degree if he/she has „h Successfully gained the required number of total credits as specified in the Curriculum corresponding to his/her Programme within the stipulated time.

- ★ No disciplinary action is pending against him/her.
- ★ The award of the degree must be approved by the Syndicate.
- ★ Successfully completed any additional courses prescribed by the Director, Academic Courses, whenever any candidate is readmitted under Regulations other than R – 2013 (clause 18.2).

16. CLASSIFICATION OF THE DEGREE AWARDED

16.1 FIRST CLASS WITH DISTINCTION

A candidate who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction.

Should have passed the End semester examination in all the courses of all the eight semesters (six semesters in the case of lateral entry) in his/her First Appearance within four years (three years in the case of lateral entry). Withdrawal from examination (vide Clause 17) will not be considered as an appearance. One year authorized break of study (if availed of) is permitted in addition to four years (three years in the case of lateral entry) for award of First class with Distinction.

Should have secured a CGPA of not less than 8.50.

16.2 FIRST CLASS

A candidate who satisfies the following conditions shall be declared to have passed the examination in First class.

Should have passed the End semester examination in all the courses of all the eight semesters (six semesters in the case of lateral entry) within five years (four years in the case of lateral entry). One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of five years (four years in the case of lateral entry) for award of First class.

Should have secured a CGPA of not less than 6.50.

16.3 SECOND CLASS

All other candidates (not covered in clauses 16.1 and 16.2) who qualify for the award of the degree (vide Clause 15) shall be declared to have passed the examination in **Second Class**.

- 16.4** A candidate who is absent in semester examination in a course / project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification. (subject to clause 17 and 18)

16.5 Photocopy / Revaluation

A candidate can apply for photocopy of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of Institutions. The answer script is to be valued and justified by a faculty member, who handled the subject and recommend for revaluation with breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Institutions. Revaluation is not permitted for practical courses and for project work.

A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.

16.6 Review

Candidates not satisfied with Revaluation can apply for Review of his/her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to Controller of Examination through the Head of the Institution. Candidates applying for Revaluation only are eligible to apply for Review.

17. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

- 17.1** A candidate, may for valid reasons and on prior application, be granted permission to withdraw from appearing for the examination of any one

course or consecutive examinations of more than one course in a semester examination.

- 17.2 Such withdrawal shall be permitted **only once during the entire period** of study of the degree programme.
- 17.3 Withdrawal application is valid only if it is made within 10 days prior to the commencement of the examination in that course or courses and recommended by the Head of the Institution and approved by the Controller of Examinations.
 - 17.3.1 Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- 17.4 Withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction.
- 17.5 Withdrawal from the End Semester Examination is **NOT** applicable to arrears subjects of previous semesters.
- 17.6 The candidate shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.
- 17.7 Withdrawal shall not be permitted in the final semester examinations.

18. PROVISION FOR AUTHORISED BREAK OF STUDY

- 18.1 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Director, Student Affairs in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Institution stating the reasons therefore and the probable date of rejoining the programme.
- 18.2 The candidates permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply to the Director, Academic Courses in the prescribed format through Head of the Institution at the beginning of the readmitted semester itself for prescribing additional courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.
- 18.3 The authorized break of study will not be counted towards the duration specified for passing all the courses for the purpose of classification (vide Clause 16.1).
- 18.4 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted

shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.

- 18.5 If any student is prevented for want of required attendance, the period of prevention shall not be considered as authorized 'Break of Study' (Clause 18.1)

19. INDUSTRIAL VISIT

Every student is required to undergo one Industrial visit for every theory course offered, starting from the third semester of the Programme. Every teacher shall take the students at least for one industrial visit in a semester.

20. PERSONALITY AND CHARACTER DEVELOPMENT

All students shall enroll, on admission, in any one of the personality and character development programmes (the NCC / NSS / NSO / YRC) and undergo training for about 80 hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid.

National Cadet Corps (NCC) will have about 20 parades. **National Service Scheme (NSS)** will have social service activities in and around the College / Institution. **National Sports Organization (NSO)** will have sports, Games, Drills and Physical exercises. **Youth Red Cross (YRC)** will have activities related to social services in and around college / institutions. While the training activities will normally be during weekends, the camp will normally be during vacation period. Every student shall put in a minimum of 75% attendance in the training and attend the camp compulsorily. The training and camp shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement in the second year.

21. DISCIPLINE

21.1 Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College. The Head of Institution shall constitute a disciplinary committee consisting of Head of Institution, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious disciplinary action which leads to suspension or dismissal, then a committee shall be constituted including one representative from Anna University, Chennai. In this regard, the member will be nominated by the University on getting information from the Head of the Institution.

21.2 If a student indulges in malpractice in any of the University / internal examination he / she shall be liable for punitive action as prescribed by the University from time to time.

22. REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The University may from time to time revise, amend or change the Regulations, Curriculum, Syllabus and scheme of examinations through the Academic Council with the approval of Syndicate.

11. ANNA UNIVERSITY, CHENNAI

REGULATIONS 2013

CREDIT SYSTEM

AFFILIATED COLLEGES

POST-GRADUATE PROGRAMMES

The following Regulations is applicable to the students admitted to M.E / M.Tech., M.C.A and M.B.A. Programmes at all Engineering Colleges affiliated to Anna University, Chennai (other than Autonomous Colleges) and to all the University Colleges of Engineering of Anna University, Chennai from the academic year 2013-2014.

1 PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- i. **“Programme”** means Post graduate Degree Programme e.g. M.E., M.Tech. Degree Programme.
- ii. **“Branch”** means specialization or discipline of M.E. / M.Tech. Degree Programme like “Structural Engineering”, “Engineering Design”, etc.
- iii. **“Course”** means Theory or Practical subject that is normally studied in a semester, like Applied Mathematics, Advanced Thermodynamics, etc.
- iv. **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the University for implementation of relevant Rules and Regulations.
- v. **“Chairman”** means the Head of the Faculty.
- vi. **“Head of the Department”** means Head of the Department concerned.
- vii. **“Head of the Institution”** means the Principal of a College / Institution who is responsible for all academic activities of that College / Institution and for implementation of relevant Rules and Regulations.
- viii. **“Controller of Examinations”** means the Authority of the University who is responsible for all activities of the University Examinations.
- ix. **“University”** means ANNA UNIVERSITY, CHENNAI.

2 PROGRAMMES OFFERED, MODES OF STUDY AND ADMISSION REQUIREMENTS

2.1 P.G. PROGRAMMES OFFERED:

1. M.E
2. M.Tech.
3. M.B.A.
4. M.C.A.

2.2 MODES OF STUDY:

2.2.1 Full-Time:

Candidates admitted under 'Full-Time' should be available in the College / Institution during the entire duration of working hours (From Morning to Evening on Full-Time basis) for the curricular, co-curricular and extra-curricular activities assigned to them.

The Full-Time candidates should not attend any other Full-Time programme(s) / course(s) or take up any Full-Time job / Part-Time job in any Institution or Company during the period of the Full-Time programme. Violation of the above rules will result in cancellation of admission to the PG programme.

2.2.2 Part-Time – Day Time Mode:

This mode of study is applicable to those candidates admitted under sponsored category (Teacher candidates only). In this mode of study, the candidates are required to attend classes along with Full-Time students for the required number of courses and complete the programme in three years.

2.2.3 Conversion from one mode of study to the other is not permitted.

2.3 ADMISSION REQUIREMENTS:

2.3.1 Candidates for admission to the first semester of the Post-Graduate Degree Programme shall be required to have passed an appropriate Under-Graduate Degree **Examination of Anna University** or equivalent as specified under qualification for admission as per the Tamil Nadu Common Admission (TANCA) criteria.

Note: TANCA releases the updated criteria during the admissions every academic year. Admission shall be offered only to the candidates who possess the qualification prescribed against each programme. Any other relevant qualification which is not prescribed against each programme shall be considered for equivalence by the committee constituted for the purpose. Admission to such degrees shall be offered only after obtaining equivalence to such degrees.

2.3.2 However, the Syndicate of the University may decide to restrict admission in any particular year to candidates having a subset of qualifications prescribed at the time of admission.

2.3.3 Notwithstanding the qualifying examination the candidate might have passed, he/she shall have a minimum level of proficiency in the appropriate programme / courses as prescribed by the Syndicate of the University from time to time.

2.3.4 Eligibility conditions for admission such as the class obtained, the number of attempts in qualifying examination and physical fitness will be as prescribed by the Syndicate of the University from time to time.

2.3.5 All Part-Time (Day-Time mode) candidates should satisfy other conditions regarding Experience, Sponsorship etc. that may be prescribed by the Syndicate from time to time.

3 DURATION AND STRUCTURE OF THE PROGRAMMES:

3.1 The minimum and maximum period for completion of the P.G. Programmes are given below:

Programme	Min. No. of Semesters	Max. No. of Semesters
M.E. / M.Tech. (Full-Time)	4	8
M.E. / M.Tech. (Part Time)	6	12
M.C.A. (Full Time)	6	12
M.B.A. (Full Time)	4	8
M.B.A. (Part Time)	6	12

3.2 Every **Programme** will have a curriculum and syllabus consisting of core courses, elective courses and project work. The Programme may also include seminar, practical, practical / Industrial training, Summer project if they are specified in the curriculum.

3.3 The Curriculum and Syllabi of all the P.G. Programmes shall be approved by the Academic Council of Anna University. The number of Credits to be earned for the successful completion of the programme shall be as specified in the Curriculum of the respective specialization of the P.G. Programme

3.4 Each semester shall normally consist of 90 working days or 350 periods of each 50 minutes duration, for full-time mode of study (400 Periods for M.B.A.) or 200 periods for part-time mode of study. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught. For the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 9) by students, following method shall be used.

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per semester}}{(\text{No. of periods / week as prescribed in the curriculum}) \times 15 \text{ taken together for all courses of the semester}} \times 100$$

End Semester Examinations conducted by the University will be scheduled after the last working day of the semester.

- 3.5 The minimum prescribed credits required for the award of the degree shall be within the limits specified below:

PROGRAMME	PRESCRIBED CREDIT RANGE
M.E. / M.Tech.	65 to 75

PROGRAMME	PRESCRIBED CREDITS
M.C.A.	119
M.B.A.	96

- 3.6 Credits will be assigned to the courses for different modes of study as given below :

- 3.6.1 The following will apply to all modes of P.G. Programmes.

- ★ One credit for each lecture period allotted per week
- ★ One credit for each tutorial period allotted per week
- ★ One credit for each seminar/practical session/project work of two periods designed per week (2 credits for 3 or 4 periods of practical).

- 3.6.2 Two weeks of practical training in any industrial / research laboratory correspond to one credit, and is applicable to all modes of study.

- 3.6.3 Practical training or Industrial Training if specified in the Curriculum should be organized by the Head of the Department / Institution for a duration not exceeding 4 weeks.

- 3.6.4 Summer project if specified in the Curriculum, should be organized by the Head of the Department / Institution for a duration not exceeding 6 weeks.

- 3.7 The electives from the curriculum are to be chosen with the approval of the Head of the Department. A candidate may be permitted by the Head of the Department to choose a maximum of two electives from other P.G. Programmes offered in the Department /any other Department of the Institutions during the period of his/her study, provided the Head of the Department offering such course also approves such requests subject to no clash in the time-table for the lecture classes of both departments.

- 3.8 The medium of instruction shall be English for all courses, examinations, seminar presentations and project thesis/dissertation reports.

4. PROJECT WORK

- 4.1 The project work for M.E. / M.Tech. Programmes consist of Phase-I and Phase-II. The Phase-I is to be undertaken during III semester and Phase-II, which is a continuation of Phase-I is to be undertaken during IV semester.

- 4.2 In case of candidates of M.E. / M.Tech. Programmes not completing Phase-I of project work successfully, the candidates can undertake Phase-I again

in the subsequent semester. In such cases the candidates can enroll for Phase-II, only after successful completion of Phase-I.

- 4.3 Project work shall be carried out under the supervision of a “qualified teacher” in the Department concerned. In this context “qualified teacher” means the faculty member possessing (i) PG degree with a minimum of 3 years experience in teaching or (ii) Ph.D. degree.
- 4.4 A candidate may, however, in certain cases, be permitted to work on projects in an Industrial/Research Organization, on the recommendations of the Head of the Department Concerned. In such cases, the Project work shall be jointly supervised by a supervisor of the department and an expert, as a joint supervisor from the organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.
- 4.5 The Project work (Phase II in the case of M.E/M.Tech.) shall be pursued for a minimum of 16 weeks during the final semester.
- 4.6 The deadline for submission of final Project Report is 60 calendar days from the last working day of the semester in which project / thesis / dissertation is done. However, the Phase-I of the Project work in the case M.E. / M.Tech. Programmes shall be submitted within a maximum period of 30 calendar days from the last working day of the semester as per the academic calendar published by the University.

5 EVALUATION OF PROJECT WORK

The evaluation of Project Work for Phase-I & Phase-II in the case of M.E. / M.Tech. and project work of M.B.A and M.C.A shall be done independently in the respective semesters and marks shall be allotted as per the weightages given in Clause 5.1.

- 5.1 There shall be three assessments (each 100 marks) during the Semester by a review committee. The Student shall make presentation on the progress made before the Committee. The Head of the Institution shall constitute the review committee for each branch of study. The total marks obtained in the three assessments shall be reduced to 20 marks and rounded to the nearest integer (as per the Table given below). There will be a vice-voce Examination during End Semester Examinations conducted by a Committee consisting of the supervisor, one internal examiner and one external examiner. The internal examiner and the external examiner shall be appointed by the Controller of Examination. The distribution of marks for the internal assessment and End semester examination is given below :

Internal Assessment (20 Marks)			End semester Examinations (80 Marks)			
Review I	Review II	Review III	Thesis Submission (30)	Viva-Voce (Rounded to 50 Marks)		
			External Examiner	Internal	External	Supervisor
5	7.5	7.5	30	15	20	15

- 5.2** The Project Report prepared according to approved guidelines as given by Director, Academic Courses and duly signed by the supervisor(s) and the Head of the Department concerned shall be submitted to the Head of the Institution.
- 5.3** If the candidate fails to obtain 50% of the internal assessment marks in the Phase-I and Phase-II / final project, he/she will not be permitted to submit the report for that particular semester and has to re-enroll for the same in the subsequent semester. If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-enroll for the same in a subsequent semester. This applies to both Phase-I and Phase-II in the case of M.E. / M.Tech. Project Work and the Final Project work of M.B.A. / M.C.A. If a candidate fails in the end semester examinations of Phase-I, he/she has to resubmit the Project Report within 30 days from the date of declaration of the results. If he / she fails in the End semester examination of Phase-II of Project work of M.E. / M.Tech. or the Final Project work of M.B.A. / M.C.A, he/she shall resubmit the Project Report within 60 days from the date of declaration of the results. The resubmission of a project report and subsequent viva-voce examination will be considered as reappearance with payment of exam fee. For this purpose the same Internal and External examiners shall evaluate the resubmitted report.
- 5.3.1** A copy of the approved Project Report after the successful completion of vivavoce examinations shall be kept in the library of the college / institution.
- 5.3.2** Practical / Industrial Training, Summer Project if specified in the Curriculum shall not exceed the maximum duration of 4 weeks and should be organized by the Head of the Department for every student.
- 5.3.3** At the end of Practical / Industrial Training, Summer Project the candidate shall submit a certificate from the organization where he/she has undergone training and also a brief report. The evaluation for 100 marks will be carried out internally based on this report and a Viva-Voce Examination will be conducted by a Departmental Committee constituted by the Head of the Institution. Certificates submitted by the students shall be attached to the mark list sent by the Head of the Institution to the Controller of Examination.

6 CLASS ADVISER

There shall be a class advisor for each class. The class advisor will be one among the (course-instructors) of the class. He / She will be appointed by the Head of the department concerned. The class advisor is the ex-officio member and the Convener of the class committee. The responsibilities for the class advisor shall be:

- ★ To act as the channel of communication between the HoD and the students of the respective class.

- ★ To collect and maintain various statistical details of students.
- ★ To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- ★ To monitor the academic performance of the students including attendance and to inform the class committee.
- ★ To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

7 CLASS COMMITTEE

- 7.1** A Class Committee consists of teachers of the concerned class, student representatives and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include:
- ★ Solving problems experienced by students in the class room and in the laboratories.
 - ★ Clarifying the regulations of the programme and the details of rules therein.
 - ★ Informing the student representatives, the "academic schedule" including the dates of assessments and the syllabus coverage for each assessment period.
 - ★ Informing the student representatives, the details of regulations regarding the weightage used for each assessment. In the case of practical courses (laboratory / project work / seminar etc.) the breakup of marks for each experiment/ exercise/ module of work, should be clearly discussed in the class committee meeting and informed to the students.
 - ★ Analyzing the performance of the students of the class after each test and finding the ways and means of improving the Students Performance
 - ★ Identifying the weak students, if any, in any specific subject and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students as frequently as possible.
- 7.2** The class committee for a class under a particular programme is normally constituted by the Head of the Department. However, if the students of different programmes are mixed in a class, the class committee is to be constituted by the Head of the Institution.
- 7.3** The class committee shall be constituted on the first working day of any semester or earlier.
- 7.4** At least 2 student representatives (usually 1 boy and 1 girl) shall be included in the class committee.

- 7.5 The chairperson of the class committee shall invite the Class adviser(s) and the Head of the Department to the meeting of the class committee.
- 7.6 The Head of the Institution may participate in any class committee of the institution.
- 7.7 The Chairperson of the Class Committee is required to prepare the minutes of every meeting, submit the same to the Head of the Institution within two days of the meeting and arrange to circulate among the concerned students and teachers. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the management by the Head of the Institution.
- 7.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held at suitable intervals. During these meetings the student members, representing the entire class, shall meaningfully interact and express the opinions and suggestions of the class students to improve the effectiveness of the teaching-learning process.

8 COURSE COMMITTEE FOR COMMON COURSES

Each common course offered to more than one group of students shall have a "Course Committee" comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Head of the Department / Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The 'Course committee' shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. Wherever it is feasible, the course committee may also prepare a common question paper for the Assessment Test(s).

9 ATTENDANCE REQUIREMENTS FOR COMPLETION OF A SEMESTER

- 9.1 A candidate who has fulfilled the following conditions shall be deemed to have satisfied the attendance requirements for completion of a semester. Ideally every student is expected to attend all classes and earn 100% attendance. However in order to allow provision for certain unavoidable reasons such as prolonged hospitalization / accident / specific illness the student is expected to earn a minimum of 75% attendance to become eligible to write the End-Semester Examinations. Therefore, every student shall secure not less than 75% of overall attendance in that semester as per clause 3.4.
- 9.2 However, a candidate who secures overall attendance between 65% and 74% in that current semester due to medical reasons (prolonged hospitalization / accident / specific illness / participation in sports events) may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate / sports participation certificate to the Head of the Institution. The same shall be forwarded to the Controller of Examinations for record purposes.

- 9.3** Candidates who could secure less than 65% overall attendance and **Candidates who do not satisfy the clauses 9.1 & 9.2** will not be permitted to write the endsemester examination of that current semester and are not permitted to go to next semester. They are required to repeat the incomplete semester in the next academic year.

10 PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT (IA)

The maximum marks assigned to different courses shall be as given below: Each of the theory and practical courses (including project work) shall carry a maximum of 100 marks of which 20 marks will be through internal assessment and the End Semester Examination (ESE) will carry 80 marks.

- 10.1** The marks for the continuous assessment shall be awarded as per the procedure given below:

(i) Theory Courses:

Three tests each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all tests put together out of 300, shall be proportionately reduced for 20 marks and rounded to the nearest integer (This also implies equal weightage to all the three tests).

(ii) Practical Courses:

The maximum marks for Internal Assessment shall be 20 in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 20 is as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be reduced to 20 and rounded to the nearest integer.

(iii) Theory Courses with Laboratory component:

The maximum marks for Internal Assessment shall be 20 in case of theory courses with Laboratory component. For a theory course with Laboratory component, there shall be three assessments: the first two assessments (each with a maximum of 100 marks) will be from theory portions and the third assessment (maximum marks 100) will be for laboratory component. The sum of marks of all three assessments shall be reduced to 20 marks and rounded to the nearest integer.

(iv) Seminar / Professional Practices / Case Study:

The seminar / Case study is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar marks can be equally apportioned. The three member committee appointed by Head of the Institution

will evaluate the seminar and at the end of the semester the marks can be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).

- (v) The Industrial / Practical Training shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical training / internship / Summer Project, the candidate shall submit a certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a Viva-Voce Examination, conducted internally by a three member Departmental Committee constituted by the Head of the Institution. Certificates submitted by the candidate shall be attached to the mark list sent by the Head of the Department.

10.2 Internal marks approved by the Head of the Institution shall be displayed by the respective HODs within 5 days from the last working day.

10.3 Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topics covered), separately for each course. This should be submitted to the Head of the Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the department will put his signature and date after due verification. At the end the semester, the record should be verified by the Head of the institution who will keep this document in safe custody (for five years). The university or any inspection team appointed by the University may inspect the records of attendance and assessments of both current and previous semesters.

11 REQUIREMENTS FOR APPEARING FOR SEMESTER EXAMINATION

11.1 A candidate shall normally be permitted to appear for the University examinations of the current semester if he/she has satisfied the semester completion requirements as per clause 9.1 & 9.2 and has registered for examination in all courses of the current semester.

11.2 Further, registration is mandatory for all the courses in the current semester as well as for arrear(s) course(s) for the university examinations failing which, the candidate will not be permitted to move to the higher semester.

11.3 A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a course or the aggregate marks / CGPA.

12 UNIVERSITY EXAMINATIONS

12.1 There shall be an End- Semester Examination of 3 hours duration in each lecture based course. The examinations shall ordinarily be conducted between October and December during the odd semesters and between April and June in the even semesters. For the practical examinations

(including project work), both internal and external examiners shall be appointed by the University.

12.2 WEIGHTAGE

The following will be the weightage for different courses.

- i) Lecture or Lecture cum Tutorial based course:
 - Internal Assessment - 20%
 - End Semester Examination - 80%
- ii) Laboratory based courses
 - Internal Assessment - 20%
 - End Semester Examination - 80%
- iii) Project work
 - Internal Assessment - 20%
 - Evaluation of Project Report by external examiner - 30%
 - Viva-Voce Examination - 50%
- iv) Practical training / summer project / seminar
 - Internal Assessment - 100%

13 PASSING REQUIREMENTS

- 13.1** A candidate who secures not less than 50% of total marks prescribed for the course with a minimum of 50% of the marks prescribed for each of the course of the End-Semester University Examination in both theory and practical courses shall be declared to have passed in the course and acquired the relevant number of credits.
- 13.2** If the candidate fails to secure a pass in a particular course as per clause 13.1, it is mandatory that the candidate shall register and re-appear for the examination in that course during the subsequent semester when examination is conducted for that course. Further, the candidate should continue to enroll and reappear for the examination till a **pass** is secured in such arrear course.
- 13.3** The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass. However, from the third attempt onwards if a candidate fails to obtain pass marks (IA + End Semester Examination) as per clause 13.1, then the candidate shall be declared to have passed the examination if he/she secure a minimum of 50% marks prescribed for the university end semester examinations alone.

14 ELIGIBILITY FOR THE AWARD OF THE DEGREE

- 14.1 A student shall be declared eligible for the award of the degree if he/she has :
- (i) Successfully passed all the courses as specified in the curriculum corresponding to his/her programme within the stipulated period. (as per clause 3.1)

- (ii) No disciplinary action is pending against him/her.
- (iii) The award of the degree must have been approved by the syndicate.
- (iv) Successfully completed any additional courses prescribed by the Director, Academic Courses

15 AWARD OF LETTER GRADES

15.1 All assessments of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain points specified, will be awarded as per the range of total marks (out of 100) obtained by the candidate (Regular or Arrear), as detailed below:

Letter grade	Grade Points	Marks Range
S	10	91 – 100
A	9	81 – 90
B	8	71 – 80
C	7	61 – 70
D	6	57 – 60
E	5	50 – 56
U	0	< 50 (or e" 50, but not satisfying clause 13.1)
W	0	

A student is deemed to have passed and acquired the corresponding credits in a particular course if he / she **obtained** any one of the following grades: "S", "A", "B", "C", "D", "E". '**SA**' denotes shortage of attendance (as per Clause 6) and hence prevented from writing end semester examination. 'SA' will appear only in the result sheet. 'U' denotes Reappearance (RA) is required for the examination in that particular course. 'W' denotes withdrawal from exam for the particular course. (The grades U and W will figure both in Mark Sheet as well as in Result Sheet)

15.2 GRADE SHEET

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

The college in which the candidate has studied.

The list of courses enrolled during the semester and the grades scored.

The Grade Point Average (GPA) for the semester and

The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards. GPA for a semester is the ratio of the sum of the products of the number of credits for courses acquired and the

corresponding points to the sum of the number of credits for the courses acquired in the semester. CGPA will be calculated in a similar manner, considering all the courses registered from first semester.

$$\text{GPA / CGPA} = \frac{\sum_{i=1}^n C_i \text{GP}_i}{\sum_{i=1}^n C_i}$$

where

C_i is the number of credits assigned to the course

GP_i is the Grade point corresponding to the grade obtained for each Course

n is number of all Courses successfully cleared during the particular semester

in the case of GPA and during all the semesters in the case of **CGPA**.

“U”, “I” and “W” grades will be excluded for calculating GPA and CGPA.

16 CLASSIFICATION OF THE DEGREE AWARDED

16.1 FIRST CLASS WITH DISTINCTION:

A candidate who satisfies the following conditions shall be declared to have passed the examination in **First class with Distinction**:

M.E. / M.Tech. M.B.A.(Full Time)

- ★ Should have passed the End semester examination in all the courses of all the four semesters in his/her **First Appearance** within two years. Withdrawal from examination (vide Clause 17) will not be considered as an appearance. One year authorized break of study (if availed of) is permitted in addition to two years for award of First class with Distinction.
- ★ Should have secured a CGPA of not less than 8.50

M.E. / M.Tech. M.B.A.(Part Time) and M.C.A (Full Time)

- ★ Should have passed the End semester examination in all the courses of all the six semesters in his/her **First Appearance** within three years. Withdrawal from examination (vide Clause 17) will not be considered as an appearance. One year authorized break of study (if availed of) is permitted in addition to three years for award of First class with Distinction.
- ★ Should have secured a CGPA of not less than 8.50.

16.2 FIRST CLASS:

A candidate who satisfies the following conditions shall be declared to have passed the examination in **First class** :

M.E. / M.Tech. M.B.A.(Full Time)

- ★ Should have passed the End semester examination in all the courses of all the four semesters within three years. One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the three years.
- ★ Should have secured a CGPA of not less than 6.50.

M.E. / M.Tech. M.B.A. (Part Time) and M.C.A (Full Time)

- ★ Should have passed the End semester examination in all the courses of all the six semesters within four years. One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the four years.
- ★ Should have secured a CGPA of not less than 6.50.

16.3 SECOND CLASS:

All other candidates (not covered in clauses 16.1 and 16.2) who qualify for the award of the degree (vide Clause 14) shall be declared to have passed the examination in **Second Class**.

- 16.4. A candidate who is absent in semester examination in a course / project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification.

16.5 Photocopy / Revaluation

A candidate can apply for photocopy of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of Institutions. The answer script is to be valued and justified by a faculty member, who handled the subject and recommend for revaluation with breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Institutions. Revaluation is not permitted for practical courses and for project work. A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.

16.6 Review

Candidates not satisfied with Revaluation can apply for Review of his/her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to Controller of Examination through the Head of the Institution. Candidates applying for Revaluation only are eligible to apply for Review.

17 PROVISION FOR WITHDRAWAL FROM EXAMINATION:

A candidate may for valid reasons and on prior application, be granted permission to withdraw from appearing for the examination of any one course or consecutive examinations of more than one course in a semester examination.

17.1 Such withdrawal shall be permitted only once during the entire period of study of the degree programme.

17.2 Withdrawal application is valid only if it is made within 10 days prior to the commencement of the examination in that course or courses and recommended by the Head of the Institution and approved by the Controller of Examinations.

17.3 Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

17.4 Withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction. Withdrawal is not permitted in the final semester.

17.5 Withdrawal from the End semester examination is **NOT** applicable to arrears subjects of previous semesters

17.6 The candidate shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.

18 AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

18.1 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the **Director, Student Affairs** in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Institution stating the reasons therefor and the probable date of rejoining the programme.

- 18.2 The candidates permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply to the Director, Academic Courses in the prescribed format through Head of the Institution at the beginning of the readmitted semester itself for prescribing additional courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.
- 18.3 The authorized break of study (for a maximum of one year) will not be counted for the duration specified for passing all the courses for the purpose of classification. (vide Clause 16.1). However, additional break of study granted will be counted for the purpose of classification.
- 18.4 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 3.1 irrespective of the period of break of study (vide clause 18.1) in order that he/she may be eligible for the award of the degree.
- 18.5 If any student is detained for want of required attendance, the period spent in that semester shall not be considered as authorized 'Break of Study' is not applicable for this case.

19 DISCIPLINE

- 19.1 Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College. The Head of Institution shall constitute a disciplinary committee consisting of Head of Institution, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious disciplinary action which leads to suspension or dismissal, then a committee shall be constituted including one representative from Anna University, Chennai. In this regard, the member will be nominated by the University on getting information from the Head of the Institution.
- 19.2 If a student indulges in malpractice in any of the University / internal examination he / she shall be liable for punitive action as prescribed by the University from time to time.

20 REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The University may from time to time revise, amend or change the Regulations, Curriculum, Syllabus and scheme of examinations through the Academic Council with the approval of Syndicate.

AFFILIATED INSTITUTIONS

REGULATIONS 2017

CHOICE BASED CREDIT SYSTEM

Common to all B.E. / B.Tech. Full-Time Programmes

**(For the students admitted to B.E. / B.Tech. Programme at various
Affiliated Institutions)**

DEGREE OF BACHELOR OF ENGINEERING / BACHELOR OF TECHNOLOGY

This Regulations is applicable to the students admitted to B.E./B.Tech. Programmes at all Engineering Colleges affiliated to Anna University, Chennai (other than Autonomous Colleges) and to all the University Colleges of Engineering of Anna University, Chennai from the academic year 2017-2018 onwards.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- I) **“Programme”** means Degree Programme, that is B.E./B.Tech. Degree Programme.
- II) **“Discipline”** means specialization or branch of B.E./B.Tech. Degree Programme, like Civil Engineering, Textile Technology, etc.
- III) **“Course”** means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, etc.
- IV) **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the Academic Programmes for implementation of relevant rules of this Regulations pertaining to the Academic Programmes.
- V) **“Chairman”** means the Head of the Faculty.
- VI) **“Head of the Institution”** means the Principal of the College.
- VII) **“Head of the Department”** means head of the Department concerned.
- VIII) **“Controller of Examinations”** means the authority of the University who is responsible for all activities of the University Examinations.
- IX) **“University”** means ANNA UNIVERSITY, CHENNAI.

2. ADMISSION

- 2.1 Candidates seeking admission to the first semester of the eight semester B.E. / B.Tech. Degree Programme :

Should have passed the Higher Secondary Examinations of (10+2) Curriculum (Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects

of study under Part-III or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

(OR)

Should have passed the Higher Secondary Examination of Vocational stream (Vocational groups in Engineering / Technology) as prescribed by the Government of Tamil Nadu.

2.2 Lateral entry admission

- (i) The candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamilnadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. in the branch corresponding to the branch of study.

(OR)

- (ii) The candidates who possess the Degree in Science (B.Sc.,) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. / B.Tech. Such candidates shall undergo two additional Engineering subject(s) in the **third and fourth semesters** as prescribed by the University.

3. PROGRAMMES OFFERED

B.E. / B.Tech. Programmes under the Faculty of Civil Engineering, Faculty of Mechanical Engineering, Faculty of Electrical Engineering, Faculty of Information and Communication Engineering and Faculty of Technology.

4. STRUCTURE OF PROGRAMMES

4.1 Categorization of Courses

Every B.E. / B. Tech. Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

- i. **Humanities and Social Sciences (HS)** courses include Technical English, Engineering Ethics and Human Values, Communication skills, Environmental Science and Engineering.
- ii. **Basic Sciences (BS)** courses include Mathematics, Physics, Chemistry, Biology, etc.
- iii. **Engineering Sciences (ES)** courses include Engineering practices, Engineering Graphics, Basics of Electrical / Electronics / Mechanical / Computer Engineering, Instrumentation etc.
- iv. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/branch.

- v. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.
- vi. **Open Elective (OE)** courses include the courses from other branches which a student can choose from the list specified in the curriculum of the students B.E. / B. Tech. / B. Arch. Programmes.
- vii. **Employability Enhancement Courses (EEC)** include Project Work and/or Internship, Seminar, Professional Practices, Case Study and Industrial/Practical Training.

4.2 Personality and Character Development

All students shall enroll, on admission, in any one of the personality and character development programmes (NCC/NSS/NSO/YRC) and undergo training for about 80 hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid.

National Cadet Corps (NCC) will have about 20 parades.

National Service Scheme (NSS) will have social service activities in and around the College / Institution.

National Sports Organization (NSO) will have sports, Games, Drills and Physical exercises.

Youth Red Cross (YRC) will have activities related to social services in and around College/Institutions.

While the training activities will normally be during weekends, the camp will normally be during vacation period.

4.3 Number of courses per semester

Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 and Laboratory courses and Employability Enhancement Course(s) not exceeding 4. Each Employability Enhancement Course may have credits assigned as per clause 4.4. However, the total number of courses per semester shall not exceed 10.

4.4 Credit Assignment

Each course is assigned certain number of credits based on the following:

Contact period per week	CREDITS
1 Lecture Period	1
2 Tutorial Periods	1
2 Laboratory Periods (also for EEC courses like / Seminar / Project Work / Case study / etc.)	1

The Contact Periods per week for Tutorials and Practical can only be in multiples of 2.

4.5. Industrial Training / Internship

The students may undergo Industrial training for a period as specified in the Curriculum during summer / winter vacation. In this case the training has to be undergone continuously for the entire period.

The students may undergo Internship at Research organization / University (after due approval from the Department Consultative Committee) for the period prescribed in the curriculum during summer / winter vacation, in lieu of Industrial training.

4.6 Industrial Visit

Every student is required to go for at least one Industrial Visit every year starting from the second year of the Programme. The Heads of Departments shall ensure that necessary arrangements are made in this regard.

4.7 Value Added Courses

The Students may optionally undergo Value Added Courses and the credits earned through the Value Added Courses shall be over and above the total credit requirement prescribed in the curriculum for the award of the degree. One / Two credit courses shall be offered by a Department **of an institution with the prior approval from the Head of the Institution**. The details of the syllabus, time table and faculty may be sent to the Centre for Academic Courses and the Controller of Examinations after approval from the **Head of the Institution** concerned atleast one month before the course is offered. **Students can take a maximum of two one credit courses / one two credit course** during the entire duration of the Programme.

4.8 Online Courses

4.8.1 Students may be permitted to credit only one online course of 3 credits with the approval of **Head of the Institution** and Centre for Academic Courses.

4.8.2 Students may be permitted to credit one online course (which are provided with certificate) subject to a maximum of three credits. The approved list of online courses will be provided by the Centre for Academic courses from time to time. The student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Controller of Examinations, Anna University. The details regarding online courses taken up by students should be sent to the Controller of Examinations, Anna University and Centre for Academic Courses one month before the commencement of End Semester Examination.

- 4.9** The students satisfying the following conditions shall be permitted to carry out their final semester Project work for six months in industry/research organizations.

The student should not have current arrears and shall have CGPA of 7.50 and above.

The student shall undergo the eighth semester courses in the sixth and seventh semesters.

The Head of Department, in consultation with the faculty handling the said courses shall forward the proposal recommended by the Head of Institution to the Controller of Examinations through the Director, Centre for Academic courses for approval at least 4 weeks before the commencement of the sixth semester of the programme for approval.

4.10 Medium of Instruction

The medium of instruction is English for all courses, examinations, seminar presentations and project / thesis / dissertation reports except for the programmes offered in Tamil Medium.

5. DURATION OF THE PROGRAMME

- 5.1 A student is ordinarily expected to complete the B.E. /B.Tech. Programme in 8 semesters (four academic years) but in any case not more than 14 Semesters for HSC (or equivalent) candidates and not more than 12 semesters for Lateral Entry Candidates.

5.1.1 A student is ordinarily expected to complete the B.E. Mechanical Engineering (Sandwich) Programme in 10 semesters (five academic years) but in any case not more than 18 Semesters for HSC (or equivalent) candidates.

- 5.2 Each semester shall normally consist of 75 working days or 540 periods of 50 minutes each. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.

- 5.3 The Head of the Institution may conduct additional classes for improvement, special coaching, conduct of model test etc., over and above the specified periods. But for the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 6) by the students, following method shall be used.

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per semester}}{(\text{No. of periods / week as prescribed in the curriculum}) \times 15 \text{ taken together for all courses of the semester}} \times 100$$

The University Examination will ordinarily follow immediately after the last working day of the semester commencing from I semester as per the academic schedule prescribed from time to time.

- 5.4 The total period for completion of the programme reckoned from the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study (vide clause 18) in order that he/she may be eligible for the award of the degree (vide clause 16).

6. COURSE REGISTRATION

- 6.1 The Institution is responsible for registering the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester (with the facility to drop courses to a maximum of 6 credits (vide clause 6.5). The student can also register for courses for which the student has failed in the earlier semesters.

The registration details of the candidates may be approved by the Head of the Institution and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations. No Elective course shall be offered by any department of any institution unless a minimum 10 students register for the course. However, if the students admitted in the associated Branch and Semester is less than 10, this minimum will not be applicable.

The courses that a student registers in a particular semester may include

- i. Courses of the current semester.
- ii. The core (Theory/Lab /EEC) courses that the student has not cleared in the previous semesters.
- iii. Elective courses which the student failed (either the same elective or a different elective instead)

6.2 Flexibility to Drop courses

- 6.2.1 A student has to earn the total number of credits specified in the curriculum of the respective Programme of study in order to be eligible to obtain the degree.
- 6.2.2 From the III to final semesters, the student has the option of dropping existing courses in a semester during registration. Total number of credits of such courses cannot exceed 6.
- 6.2.3 The student shall register for the project work in the final semester only.

7. ATTENDANCE REQUIREMENTS FOR COMPLETION OF THE SEMESTER

- 7.1 A Candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester.

Ideally every student is expected to attend all classes of all the courses

and secure 100% attendance. However, in order to give provision for certain unavoidable reasons such as Medical / participation in sports, the student is expected to attend atleast 75% of the classes.

Therefore, he/she shall **secure not less than 75%** (after rounding off to the nearest integer) of overall attendance as calculated as per clause 5.3.

7.2 However, a candidate who secures overall attendance between 65% and 74% in the current semester due to medical reasons (prolonged hospitalization / accident / specific illness) / Participation in Sports events may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate / sports participation certificate attested by the Head of the Institution. The same shall be forwarded to the Controller of Examinations for record purposes.

7.3 Candidates who **secure less than 65% overall attendance and candidates who do not satisfy the clause 7.1 and 7.2** shall not be permitted to write the University examination at the end of the semester and not permitted to move to the next semester. They are required to repeat the incomplete semester in the next academic year, as per the norms prescribed.

8. CLASS ADVISOR

There shall be a class advisor for each class. The class advisor will be one among the (course-instructors) of the class. He / She will be appointed by the HoD of the department concerned. The class advisor is the ex-officio member and the Convener of the class committee. The responsibilities for the class advisor shall be:

- ★ To act as the channel of communication between the HoD and the students of the respective class.
- ★ To collect and maintain various statistical details of students.
- ★ To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- ★ To monitor the academic performance of the students including attendance and to inform the class committee.
- ★ To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

9. CLASS COMMITTEE

9.1. Every class shall have a class committee consisting of teachers of the class concerned, student representatives and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teachinglearning process.

The functions of the class committee include

- ★ Solving problems experienced by students in the class room and in the laboratories.
- ★ **Clarifying the regulations of the degree programme and the details of rules therein particularly (clause 5 and 7) which should be displayed on college Notice-Board.**
- ★ Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- ★ Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / project work / seminar etc.) the breakup of marks for each experiment / exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.
- ★ Analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
- ★ Identifying the weak students, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.

9.2 The class committee for a class under a particular branch is normally constituted by the Head of the Department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Head of the Institution.

9.3 The class committee shall be constituted within the first week of each semester.

9.4 At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee.

9.5 The Chairperson of the class committee may invite the Class adviser(s) and the Head of the Department to the class committee meeting.

9.6 The Head of the Institution may participate in any class committee of the institution.

9.7 The chairperson is required to prepare the minutes of every meeting, submit the same to Head of the Institution within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the Management by the Head of the Institution.

- 9.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. **The Class Committee Chairman shall put on the Notice Board the cumulative attendance particulars of each student at the end of every such meeting to enable the students to know their attendance details to satisfy the clause 6 of this Regulation.** During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

10. COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one discipline or group, shall have a "Course Committee" comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the Course Coordinator shall be made by the Head of the Department / Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The 'Course committee' shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests. Wherever feasible, the course committee may also prepare a common question paper for the internal assessment test(s).

11. SYSTEM OF EXAMINATION

- 11.1 Performance in each course of study shall be evaluated based on (i) continuous internal assessment throughout the semester and (ii) University examination at the end of the semester.
- 11.2 Each course, both theory and practical (including project work & viva voce Examinations) shall be evaluated for a maximum of 100 marks.
- For all theory and practical courses including project work, the continuous internal assessment will carry **20 marks** while the End - Semester University examination will carry **80 marks**.
- 11.3 Industrial training and seminar shall carry 100 marks and shall be evaluated through internal assessment only.
- 11.4 The University examination (theory and practical) of 3 hours duration shall ordinarily be conducted between October and December during the odd semesters and between April and June during the even semesters.
- 11.5 The University examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner and an internal examiner, followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, the supervisor of the project group and an internal examiner.

11.6 For the University examination in both theory and practical courses including project work the internal and external examiners shall be appointed by the Controller of Examinations.

12. PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

For all theory and practical courses (including project work) the continuous assessment shall be for a maximum of 20 marks. The above continuous assessment shall be awarded as per the procedure given below:

12.1 THEORY COURSES

Three tests each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all tests put together out of 300, shall be proportionately reduced for 20 marks and rounded to the nearest integer (This also implies equal weightage to all the three tests).

12.2 LABORATORY COURSES

The maximum marks for Internal Assessment shall be 20 in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 20 is as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be reduced to 20 and rounded to the nearest integer.

12.3 THEORY COURSES WITH LABORATORY COMPONENT

If there is a theory course with Laboratory component, there shall be three tests: the first two tests (each 100 marks) will be from theory portions and the third test (maximum mark 100) will be for laboratory component. The sum of marks of first two tests shall be reduced to 60 marks and the third test mark shall be reduced to 40 marks. The sum of these 100 marks may then be arrived at for 20 and rounded to the nearest integer.

12.4 PROJECT WORK

Project work may be allotted to a single student or to a group of students not exceeding 4 per group.

The Head of the Institutions shall constitute a review committee for project work for each branch of study. There shall be three reviews during the semester by the review committee.

The student shall make presentation on the progress made by him / her before the committee. The total marks obtained in the three reviews shall be **reduced for 20 marks** and rounded to the nearest integer (as per the scheme given in 12.4.1).

12.4.1 The project report shall carry a maximum 30 marks. The project report shall be submitted as per the approved guidelines as given by Director, Academic Courses. Same mark shall be awarded to every student within the project group for the project report. The viva-voce examination shall carry 50 marks. Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination.

Review I	Review II	Review III	End semester Examinations				
			Thesis Submission (30)		Viva-Voce (50)		
5	7.5	7.5	Internal	External	Internal	External	Supervisor
			15	15	15	20	15

12.4.2 If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-register for the same in a subsequent semester.

12.5 OTHER EMPLOYABILITY ENHANCEMENT COURSES

- (a) The seminar / Case study is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar, marks can be equally apportioned. The three member committee appointed by Head of the Institution will evaluate the seminar and at the end of the semester the marks can be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper (40%), presentation (40%) and response to the questions asked during presentation (20%).
- (b) The Industrial / Practical Training, Summer Project, Internship, shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical training / internship / Summer Project, the candidate shall submit a certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a Viva-Voce Examination, conducted internally by a three member Departmental Committee constituted by the Head of the Institution. The certificates (issued by the organization) submitted by the students shall be attached to the mark list sent by the Head of the Institution to the Controller of Examinations.

12.6 ASSESSMENT FOR VALUE ADDED COURSE

The one / two credit course shall carry 100 marks and shall be evaluated through **continuous assessments only**. Two Assessments shall be conducted during the semester by the Department concerned. The total

marks obtained in the tests shall be reduced to 100 marks and rounded to the nearest integer. A committee consisting of the Head of the Department, staff handling the course and a senior Faculty member nominated by the Head of the Institution shall monitor the evaluation process. The list of students along with the marks and the grades earned may be forwarded to the Controller of Examinations for appropriate action at least one month before the commencement of End Semester Examinations.

12.7 ASSESSMENT FOR ONLINE COURSES

Students may be permitted to credit one online course (which are provided with certificate) subject to a maximum of three credits. The approved list of online courses will be provided by the Centre for Academic courses from time to time. **This online course of 3 credits can be considered instead of one elective course.** The student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Anna University. **The course shall be evaluated through the End Semester Examination only conducted by Controller of Examinations, Anna University.**

12.8. Internal marks approved by the Head of the Institution shall be displayed by the respective HODs within 5 days from the last working day.

12.9 Attendance Record

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topic covered), separately for each course. This should be submitted to the Head of the department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the department will put his signature and date after due verification. At the end of the semester, the record should be verified by the Head of the Institution who will keep this document in safe custody (for five years). The University or any inspection team appointed by the University may verify the records of attendance and assessment of both current and previous semesters.

13. REQUIREMENTS FOR APPEARING FOR UNIVERSITY EXAMINATIONS

A candidate shall normally be permitted to appear for the University Examinations for all the courses registered in the current semester (vide clause 6) if he/she has satisfied the semester completion requirements (subject to Clause 7).

A candidate who has already appeared for any subject in a semester and passed the examination is not entitled to reappear in the same subject for improvement of grades.

14. PASSING REQUIREMENTS

- 14.1 A candidate who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End semester University Examinations] with a minimum of 45% of the marks prescribed for the end-semester University Examination, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and practical courses (including project work).
- 14.2 If a student fails to secure a pass in a theory course in the current semester examination, he/she is allowed to write arrear examinations for the next three consecutive semesters and their internal marks shall be carried over for the above mentioned period of three consecutive semesters. If a student fails to secure a pass in a course even after three consecutive arrear attempts, the student has to redo the course in the semester in which it is offered along with regular students.

That is, the students should have successfully completed the courses of (n minus 4)th semester to register for courses in nth semester.

Based on the above, the following prerequisites shall be followed for completing the degree programme :

- i. To enter into Semester V, the student should have no arrear in Semester I. Failing which the student shall redo the Semester I course/courses along with the regular students.
- ii. To enter into Semester VI, the student should have no arrear in Semester II. Failing which the student shall redo the Semester II course/courses along with the regular students.
- iii. To enter into Semester VII, the student should have no arrear in Semester III. Failing which the student shall redo the Semester III course/courses along with the regular students.
- iv. To enter into Semester VIII, the student should have no arrear in Semester IV. Failing which the student shall redo the Semester IV course/courses along with the regular students.

In case, If he/she has not successfully completed all the courses of semester V at the end of semester VIII, he/she shall redo the Semester V courses along with regular students. For the subsequent semesters of VI, VII and VIII, the same procedure shall be followed, subject to the maximum permissible period for this programme.

Note :

The students who are admitted in **2017-2018** and **2018-2019** are permitted to appear for arrears upto VI semesters and will be allowed to move to VII semester only on completion of all the courses in the I semester.

In addition the following prerequisites shall be followed for completing the degree programme.

- i. To enter into Semester VII, the student should have no arrear in Semester I. Failing which the student shall redo the Semester I course/ courses along with the regular students.
- ii. To enter into Semester VIII, the student should have no arrear in Semester II. Failing which the student shall redo the Semester II course/courses along with the regular students.

In case, If he/she has not successfully completed all the courses of semester III at the end of semester VIII, he/she shall redo the Semester III courses along with regular students. For the subsequent semesters of IV, V, VI, VII and VIII, the same procedure shall be followed, subject to the maximum permissible period for this programme.

- 14.3 If a student fails to secure a pass in a laboratory course, **the student shall register** for the course again, when offered next.
- 14.4 If a student fails to secure a pass in project work, **the student shall register** for the course again, when offered next.
- 14.5 The passing requirement for the courses which are assessed only through purely internal assessments (EEC courses except project work), is 50% of the internal assessment (continuous assessment) marks only.
- 14.6 A student can apply for revaluation of the student's semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee along with prescribed application to the COE through the Head of the Institution. The COE will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the Institution. Revaluation is not permitted for laboratory course and project work.

15. AWARD OF LETTER GRADES

- 15.1 All assessments of a course will be evaluated on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the candidate in each subject as detailed below:

Letter grade	Grade Points	Marks Range
O (Outstanding)	10	91 – 100
A+ (Excellent)	9	81 – 90
A (Very Good)	8	71 – 80
B+ (Good)	7	61 – 70
B (Average)	6	50 – 60
RA	0	< 50
SA (Shortage of Attendance)	0	
W	0	

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B".

'SA' denotes shortage of attendance (as per clause 7.3) and hence prevention from writing the end semester examinations. 'SA' will appear only in the result sheet.

"RA" denotes that the student has failed to pass in that course. "W" denotes **withdrawal** from the exam for the particular course. The grades RA and W will figure both in Marks Sheet as well as in Result Sheet). In both cases the student has to earn Continuous Assessment marks and appear for the End Semester Examinations.

If the grade W is given to course, the attendance requirement need not be satisfied. If the grade RA is given to a core **theory course**, the attendance requirement need not be satisfied, but if the grade RA is given to a **Laboratory Course/ Project work / Seminar and any other EEC course**, the attendance requirements (vide clause 7) should be satisfied.

15.2 For the Co-curricular activities such as National Cadet Corps (NCC)/ National Service Scheme (NSS) / NSO / YRC, a satisfactory / not satisfactory grading will appear in the mark sheet. Every student shall put in a minimum of 75% attendance in the training and attend the camp compulsorily. The training and camp shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement in the second year. **A satisfactory grade in the above co-curricular activities is compulsory for the award of degree.**

15.3 The grades O, A+, A, B+, B obtained for the one credit course shall figure in the Mark sheet under the title '**Value Added Courses**'. The Courses for which the grades are RA, SA **will not figure in the mark sheet.**

Grade sheet

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- ★ The college in which the candidate has studied
- ★ The list of courses enrolled during the semester and the grade scored.
- ★ The Grade Point Average (GPA) for the semester and
- ★ The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

GPA for a semester is the ratio of the sum of the products of the number of credits for courses acquired and the corresponding points to the sum of the number of credits for the courses acquired in the semester.

CGPA will be calculated in a similar manner, considering all the courses registered from first semester. RA grades will be excluded for calculating GPA and CGPA.

$$\text{GPA / CGPA} = \frac{\sum_{i=1}^n C_i GP_i}{\sum_{i=1}^n C_i}$$

where **C_i** is the number of Credits assigned to the course

G_{Pi} is the point corresponding to the grade obtained for each course **n** is number of all courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA

16 ELIGIBILITY FOR THE AWARD OF THE DEGREE

16.1 A student shall be declared to be eligible for the award of the B.E. / B.Tech. Degree provided the student has

- i. Successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time.
- ii. Successfully completed the course requirements, appeared for the End-Semester examinations and passed all the subjects prescribed in all the 8 semesters / (10 Semesters for B.E. Mechanical Engineering (Sandwich)) within a maximum period of 7 years (9 years in case of B.E. Mechanical Engineering (Sandwich) and 6 years in the case of Lateral Entry) reckoned from the commencement of the first (third in the case of Lateral Entry) semester to which the candidate was admitted.
- iii. Successfully passed any additional courses prescribed by the Director, Academic Courses whenever readmitted under regulations R-2017 (vide clause 18.3)
- iv. Successfully completed the NCC / NSS / NSO / YRC requirements.
- v. No disciplinary action pending against the student.
- vi. The award of Degree must have been approved by the Syndicate of the University.

16.2 CLASSIFICATION OF THE DEGREE AWARDED

16.2.1 FIRST CLASS WITH DISTINCTION

A student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction:

- ★ Should have passed the examination in all the courses of all the eight semesters (10 Semesters in case of Mechanical (Sandwich) and 6 semesters in the case of Lateral Entry) in the student's First Appearance within **five** years (Six years in the case of Mechanical (Sandwich) and Four years in the case of Lateral Entry). Withdrawal from examination (vide Clause 17) will not be considered as an appearance.
- ★ Should have secured a CGPA of not less than 8.50
- ★ One year authorized break of study (if availed of) is included in the five years (Six years in the case of Mechanical (Sandwich) and four years in the case of lateral entry) for award of First class with Distinction.
- ★ Should NOT have been prevented from writing end semester examination due to lack of attendance in any semester.

16.2.2 **FIRST CLASS:**

A student who satisfies the following conditions shall be declared to have passed the examination in **First class**:

- ★ Should have passed the examination in all the courses of all eight semesters (10 Semesters in case of Mechanical (Sandwich) and 6 semesters in the case of Lateral Entry) **within Six years**. (Seven years in case of Mechanical (Sandwich) and Five years in the case of Lateral Entry)
- ★ One year authorized break of study (if availed of) or prevention from writing the End Semester examination due to lack of attendance (if applicable) is included in the duration of six years (Seven years in case of Mechanical (Sandwich) and five years in the case of lateral entry) for award of First class
- ★ Should have secured a CGPA of not less than **7.00**

16.2.3 **SECOND CLASS:**

All other students (not covered in clauses 16.2.1 and 16.2.2) who qualify for the award of the degree (vide Clause 16.1) shall be declared to have passed the examination in **Second Class**.

16.3 A candidate who is absent in end semester examination in a course / project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification. (subject to clause 17 and 18)

16.4 Photocopy / Revaluation

A candidate can apply for photocopy of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of

results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of Institutions. The answer script is to be valued and justified by a faculty member, who handled the subject and recommend for revaluation with breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Institutions. Revaluation is not permitted for practical courses and for project work.

A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.

16.5 Review

Candidates not satisfied with Revaluation can apply for Review of his/ her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to Controller of Examination through the Head of the Institution.

Candidates applying for Revaluation only are eligible to apply for Review.

17. PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

17.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by Chairman, sports board and HOD) be granted permission to withdraw from appearing for the end semester examination in any course or courses in **ANY ONE** of the semester examinations during the entire duration of the degree programme. The application shall be sent to Director, Student Affairs through the Head of the Institutions with required documents.

17.2 Withdrawal application is valid if the student is otherwise eligible to write the examination (Clause 7) and if it is made within TEN days prior to the commencement of the examination in that course or courses and recommended by the Head of the Institution and approved by the Controller of Examinations.

17.2.1 Notwithstanding the requirement of mandatory 10 days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.

17.3 In case of withdrawal from a course / courses (Clause 13) the course will figure both in Marks Sheet as well as in Result Sheet. **Withdrawal essentially requires the student to register for the course/courses** The student has to register for the course, fulfill the attendance requirements (vide clause 7), earn continuous assessment marks and attend the end

semester examination. However, withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction.

- 17.4 Withdrawal is permitted for the end semester examinations in the final semester only if the period of study the student concerned does not exceed 5 years as per clause 16.2.1.

18. PROVISION FOR AUTHORISED BREAK OF STUDY

- 18.1 A student is permitted to go on break of study for a maximum period of one year as a single spell.
- 18.2 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Director, Student Affairs in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Institution stating the reasons therefore and the probable date of rejoining the programme.
- 18.3 The candidates permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply to the Director, Academic Courses in the prescribed format through Head of the Institution at the beginning of the readmitted semester itself for prescribing additional courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.
- 18.4 The authorized break of study would not be counted towards the duration specified for passing all the courses for the purpose of classification (vide Clause 16.1).
- 18.5 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 5.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.
- 18.6 If any student is prevented for want of required attendance, the period of prevention shall not be considered as authorized 'Break of Study' (Clause 18.1)

19. DISCIPLINE

- 19.1 Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College. The Head of Institution shall constitute a disciplinary committee consisting of Head of Institution, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious disciplinary action which leads to suspension or dismissal, then a committee shall be constituted including one representative from Anna University, Chennai. In this regard, the member will be nominated by the University on getting information from the Head of the Institution.
- 19.2 If a student indulges in malpractice in any of the University / internal examination he / she shall be liable for punitive action as prescribed by the University from time to time.

20. REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The University may from time to time revise, amend or change the Regulations, Curriculum, Syllabus and scheme of examinations through the Academic Council with the approval of Syndicate.

AFFILIATED INSTITUTIONS

REGULATIONS 2017

CHOICE BASED CREDIT SYSTEM

COMMON TO ALL POST GRADUATE PROGRAMMES

The following Regulations is applicable to the students admitted to M.E / M.Tech., M.C.A and M.B.A. Programmes at all Engineering Colleges affiliated to Anna University, Chennai (other than Autonomous Colleges) and to all the University Colleges of Engineering of Anna University, Chennai from the academic year 2017-2018.

1 PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- i. **“Programme”** means Post graduate Degree Programme e.g. M.E., M.Tech. Degree Programme.
- ii. **“Branch”** means specialization or discipline of M.E. / M.Tech. Degree Programme like “Structural Engineering”, “Engineering Design”, etc.
- iii. **“Course”** means Theory or Practical subject that is normally studied in a semester, like Applied Mathematics, Advanced Thermodynamics, etc.
- iv. **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the University for implementation of relevant Rules and Regulations.
- v. **“Chairman”** means the Head of the Faculty.
- vi. **“Head of the Department”** means Head of the Department concerned.
- vii. **“Head of the Institution”** means the Principal of a College / Institution who is responsible for all academic activities of that College / Institution and for implementation of relevant Rules and Regulations.
- viii. **“Controller of Examinations”** means the Authority of the University who is responsible for all activities of the University Examinations.
- ix. **“University”** means ANNA UNIVERSITY, CHENNAI.

2 PROGRAMMES OFFERED, MODES OF STUDY AND ADMISSION REQUIREMENTS

2.1 P.G. PROGRAMMES OFFERED:

1. M.E
2. M.Tech.
3. M.B.A.
4. M.C.A.

2.2 MODES OF STUDY:

2.2.1 Full-Time:

Candidates admitted under 'Full-Time' should be available in the College / Institution during the entire duration of working hours (From Morning to Evening on Full-Time basis) for the curricular, co-curricular and extra-curricular activities assigned to them.

The Full-Time candidates should not attend any other Full-Time programme(s) / course(s) or take up any Full-Time job / Part-Time job in any Institution or Company during the period of the Full-Time programme. Violation of the above rules will result in cancellation of admission to the PG programme.

2.2.2 Part-Time Mode:

In this mode of study, the students are required to attend classes conducted in the evenings and complete the course in three years.

2.2.3 Conversion from one mode of study to the other is not permitted.

2.3 ADMISSION REQUIREMENTS:

2.3.1 Candidates for admission to the first semester of the Post-Graduate Degree Programme shall be required to have passed an appropriate Under-Graduate Degree **Examination of Anna University** or equivalent as specified under qualification for admission as per the Tamil Nadu Common Admission (TANCA) criteria.

Note: TANCA releases the updated criteria during the admissions every academic year. Admission shall be offered only to the candidates who possess the qualification prescribed against each programme.

Any other relevant qualification which is not prescribed against each programme shall be considered for equivalence by the committee constituted for the purpose. Admission to such degrees shall be offered only after obtaining equivalence to such degrees.

2.3.2 However, the Syndicate of the University may decide to restrict admission in any particular year to candidates having a subset of qualifications prescribed at the time of admission.

2.3.3 Notwithstanding the qualifying examination the candidate might have passed, he/she shall have a minimum level of proficiency in the appropriate programme / courses as prescribed by the Syndicate of the University from time to time.

2.3.4 Eligibility conditions for admission such as the class obtained, the number of attempts in qualifying examination and physical fitness will be as prescribed by the Syndicate of the University from time to time.

2.3.5 All Part-Time candidates should satisfy other conditions regarding Experience, Sponsorship etc. that may be prescribed by the Syndicate from time to time.

3 STRUCTURE OF THE PROGRAMMES

3.1 Categorization of Courses

Every Post Graduate Degree Programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

- i. **Foundation Courses (FC)** may include Mathematics or other basic courses
- ii. **Professional Core (PC)** courses include the core courses relevant to the chosen specialization/branch.
- iii. **Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.
- iv. **Employability Enhancement Courses (EEC)** include Project Work and/or Internship, Seminar, Professional Practices, Summer Project, Case Study and Industrial / Practical Training.

Instead of two electives in the curriculum, the student may be permitted to choose a maximum of 2 courses from other PG programmes with the approval of the Head of the Department offering such courses.

3.2 Courses per Semester

Curriculum of a semester shall normally have a blend of lecture courses and practical courses including Employability Enhancement Courses. Each course may have credits assigned as per clause 3.3.

3.3 Credit Assignment

Each course is assigned certain number of credits based on the following:

Contact period per week	CREDITS
1 Lecture Period	1
2 Tutorial Periods	1
2 Laboratory Periods (Laboratory / Seminar / Project Work etc.)	1

The Contact Periods per week for Tutorials and Practical can only be in multiples of 2.

3.4 Project Work

3.4.1 The project work for M.E. / M.Tech. Programmes consist of Phase-I and Phase-II. The Phase-I is to be undertaken during III semester and Phase-II, which is a continuation of Phase-I is to be undertaken during IV semester.

- 3.4.2 In case of candidates of M.E. / M.Tech. Programmes not completing Phase-I of project work successfully, the candidates can undertake Phase-I again in the subsequent semester. In such cases the candidates can enroll for Phase-II, only after successful completion of Phase-I.
- 3.4.3 Project work shall be carried out under the supervision of a “qualified teacher” in the Department concerned. In this context “qualified teacher” means the faculty member possessing (i) PG degree with a minimum of 3 years experience in teaching or (ii) Ph.D. degree.
- 3.4.4 A candidate may, however, in certain cases, be permitted to work on projects in an Industrial/Research Organization, on the recommendations of the Head of the Department Concerned. In such cases, the Project work shall be jointly supervised by a supervisor of the department and an expert, as a joint supervisor from the organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.
- 3.4.5 The Project work (Phase II in the case of M.E/M.Tech.) shall be pursued for a minimum of 16 weeks during the final semester.
- 3.6** The deadline for submission of final Project Report is 60 calendar days from the last working day of the semester in which project / thesis / dissertation is done. However, the Phase-I of the Project work in the case M.E. / M.Tech. Programmes shall be submitted within a maximum period of 30 calendar days from the last working day of the semester as per the academic calendar published by the University.

3.7 Industrial Training / Internship

The students may undergo Industrial training for a period as specified in the curriculum during summer / winter vacation. In this case the training has to be undergone continuously for the entire period.

The students may undergo Internship at Research organization / University (after due approval from the Department Consultative Committee) for the period prescribed in the curriculum during summer / winter vacation, in lieu of Industrial training.

3.8 Value Added Courses

The Students may optionally undergo Value Added Courses and the credits earned through the Value Added Courses shall be over and above the total credit requirement prescribed in the curriculum for the award of the degree. One / Two credit courses shall be offered by a Department of an institution with the prior approval from the Head of the Institution. The details of the syllabus, time table and faculty may be sent to the Centre for Academic Courses and the Controller of Examinations after approval from the **Head of the Institution** concerned atleast one month before the course is offered. **Students can take a maximum of two one credit**

courses / one two credit course during the entire duration of the Programme.

3.9 Online Courses

3.9.1 Students may be permitted to credit only one online course of 3 credits with the approval of **Head of the Institution** and Centre for Academic Courses.

3.9.2 Students may be permitted to credit one online course (which are provided with certificate) subject to a maximum of three credits. The approved list of online courses will be provided by the Centre for Academic courses from time to time. The student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Controller of Examinations, Anna University. The details regarding online courses taken up by students should be sent to the Controller of Examinations, Anna University and Centre for Academic Courses one month before the commencement of end Semester Examination.

3.10 Medium of Instruction

The medium of instruction is English for all courses, examinations, seminar presentations and project / thesis / dissertation reports.

4 DURATION AND STRUCTURE OF THE PROGRAMMES:

4.1 The minimum and maximum period for completion of the P.G. Programmes are given below:

Programme	Min. No. of Semesters	Max. No. of Semesters
M.E. / M.Tech. (Full-Time)	4	8
M.E. / M.Tech. (Part Time)	6	12
M.C.A. (Full Time)	6	12
M.B.A. (Full Time)	4	8
M.B.A. (Part Time)	6	12

4.2 The Curriculum and Syllabi of all the P.G. Programmes shall be approved by the Academic Council of Anna University. The number of Credits to be earned for the successful completion of the programme shall be as specified in the Curriculum of the respective specialization of the P.G. Programme

4.3 Each semester shall normally consist of 75 working days or 540 periods of each 50 minutes duration, for full-time mode of study or 250 periods for part-time mode of study. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified

syllabus for the course being taught. For the purpose of calculation of attendance requirement for writing the end semester examinations (as per clause 9) by students, following method shall be used.

$$\text{Percentage of Attendance} = \frac{\text{Total no. of periods attended in all the courses per semester}}{(\text{No. of periods / week as prescribed in the curriculum}) \times 15 \text{ taken together for all courses of the semester}} \times 100$$

End Semester Examinations conducted by the University will be scheduled after the last working day of the semester.

- 4.4 The minimum prescribed credits required for the award of the degree shall be within the limits specified below:

PROGRAMME	PRESCRIBED CREDIT RANGE
M.E. / M.Tech.	70 to 75

PROGRAMME	PRESCRIBED CREDIT RANGE
M.C.A.	115 - 120
M.B.A.	86 - 90

5. COURSE REGISTRATION

- 5.1 The Institution is responsible for registering the courses that each student is proposing to undergo in the ensuing semester. Each student has to register for all courses to be undergone in the curriculum of a particular semester (with the facility to drop courses to a maximum of 6 credits (vide clause 5.2)). The student can also register for courses for which the student has failed in the earlier semesters. In such cases the student shall do **reappearance registration** for those courses for which the attendance requirement is not compulsory. However, the student have the option to take up some other professional elective or open elective that he has failed to pass. **But, the total number of credits that a student is allowed to register per semester cannot exceed 36.** The registration details of the candidates may be approved by the Head of the Institution and forwarded to the Controller of Examinations. This registration is for undergoing the course as well as for writing the End Semester Examinations. No Elective course shall be offered by any department of any institution unless a minimum 5 students register for the course. However, if the students admitted in the associated Branch and Semester is less than 5, this minimum will not be applicable.

The courses that a student registers in a particular semester may include

- i. Courses of the current semester.
- ii. The core (Theory/Lab /EEC) courses that the student has not cleared in the previous semesters.

- iii. Elective courses which the student failed (either the same elective or a different elective instead)

5.2 Flexibility to Drop courses

5.2.1 A student has to earn the total number of credits specified in the curriculum of the respective Programme of study in order to be eligible to obtain the degree.

5.2.2 From the II to Final semesters, the student has the option of dropping existing courses in a semester during registration. Total number of credits of such courses cannot exceed 6 for PG (Full Time) programmes and cannot exceed 3 for PG (Part Time) programmes.

6 EVALUATION OF PROJECT WORK

The evaluation of Project Work for Phase-I & Phase-II in the case of M.E. / M.Tech. and project work of M.B.A and M.C.A shall be done independently in the respective semesters and marks shall be allotted as per the weightages given in Clause 6.1.

6.1 There shall be three assessments (each 100 marks) during the Semester by a review committee. The Student shall make presentation on the progress made before the Committee. The Head of the Institution shall constitute the review committee for each branch of study. The total marks obtained in the three assessments shall be reduced to 20 marks and rounded to the nearest integer (as per the Table given below). There will be a vice-voce Examination during End Semester Examinations conducted by a Committee consisting of the supervisor, one internal examiner and one external examiner. The internal examiner and the external examiner shall be appointed by the Controller of Examination. The distribution of marks for the internal assessment and End semester examination is given below:

Internal Assessment (20 Marks)			End semester Examinations (80 Marks)			
Review I	Review II	Review III	Thesis Submission (30)	Viva-Voce (Rounded to 50 Marks)		
			External Examiner	Internal	External	Supervisor
5	7.5	7.5	30	15	20	15

6.2 The Project Report prepared according to approved guidelines as given by Director, Academic Courses and duly signed by the supervisor(s) and the Head of the Department concerned shall be submitted to the Head of the Institution.

6.3 If the candidate fails to obtain 50% of the internal assessment marks in the Phase-I and Phase-II / final project, he/she will not be permitted to submit the report for that particular semester and has to re-enroll for the

same in the subsequent semester. If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-enroll for the same in a subsequent semester. This applies to both Phase-I and Phase-II in the case of M.E. / M.Tech. Project Work and the Final Project work of M.B.A. / M.C.A. If a candidate fails in the end semester examinations of Phase-I, he/she has to resubmit the Project Report within 30 days from the date of declaration of the results. If he / she fails in the End semester examination of Phase-II of Project work of M.E. / M.Tech. or the Final Project work of M.B.A. / M.C.A, he/she shall resubmit the Project Report within 60 days from the date of declaration of the results. The resubmission of a project report and subsequent viva-voce examination will be considered as reappearance with payment of exam fee. For this purpose the same Internal and External examiners shall evaluate the resubmitted report.

- 6.3.1 A copy of the approved Project Report after the successful completion of viva-voce examinations shall be kept in the library of the college / institution.
- 6.3.2 Practical / Industrial Training, Summer Project if specified in the Curriculum shall not exceed the maximum duration of 4 weeks and should be organized by the Head of the Department for every student.
- 6.3.3 At the end of Practical / Industrial Training, Summer Project the candidate shall submit a certificate from the organization where he/she has undergone training and also a brief report. The evaluation for 100 marks will be carried out internally based on this report and a Viva- Voce Examination will be conducted by a Departmental Committee constituted by the Head of the Institution. Certificates submitted by the students shall be attached to the mark list sent by the Head of the Institution to the Controller of Examination.

7 CLASS ADVISOR

There shall be a class advisor for each class. The class advisor will be one among the (course-instructors) of the class. He / She will be appointed by the Head of the department concerned. The class advisor is the ex-officio member and the Convener of the class committee. The responsibilities for the class advisor shall be:

- ★ To act as the channel of communication between the HoD and the students of the respective class.
- ★ To collect and maintain various statistical details of students.
- ★ To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- ★ To monitor the academic performance of the students including attendance and to inform the class committee.

- ★ To attend to the students' welfare activities like awards, medals, scholarships and industrial visits.

8 CLASS COMMITTEE

8.1 A Class Committee consists of teachers of the concerned class, student representatives and a chairperson who is not teaching the class. It is like the 'Quality Circle' (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include:

- ★ Solving problems experienced by students in the class room and in the laboratories.
- ★ Clarifying the regulations of the programme and the details of rules therein.
- ★ Informing the student representatives, the "academic schedule" including the dates of assessments and the syllabus coverage for each assessment period.
- ★ Informing the student representatives, the details of regulations regarding the weightage used for each assessment. In the case of practical courses (laboratory / project work / seminar etc.) the breakup of marks for each experiment/ exercise/ module of work, should be clearly discussed in the class committee meeting and informed to the students.
- ★ Analyzing the performance of the students of the class after each test and finding the ways and means of improving the Students Performance
- ★ Identifying the weak students, if any, in any specific subject and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students as frequently as possible.

8.2 The class committee for a class under a particular programme is normally constituted by the Head of the Department. However, if the students of different programmes are mixed in a class, the class committee is to be constituted by the Head of the Institution.

8.3 The class committee shall be constituted on the first working day of any semester or earlier.

8.4 At least 2 student representatives (usually 1 boy and 1 girl) shall be included in the class committee.

8.5 The chairperson of the class committee shall invite the Class adviser(s) and the Head of the Department to the meeting of the class committee.

8.6 The Head of the Institution may participate in any class committee of the institution.

- 8.7 The Chairperson of the Class Committee is required to prepare the minutes of every meeting, submit the same to the Head of the Institution within two days of the meeting and arrange to circulate among the concerned students and teachers. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the management by the Head of the Institution.
- 8.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held at suitable intervals. During these meetings the student members, representing the entire class, shall meaningfully interact and express the opinions and suggestions of the class students to improve the effectiveness of the teaching-learning process.

9 COURSE COMMITTEE FOR COMMON COURSES

Each common course offered to more than one group of students shall have a "Course Committee" comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Head of the Department / Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The 'Course committee' shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. Wherever it is feasible, the course committee may also prepare a common question paper for the Assessment Test(s).

10 ATTENDANCE REQUIREMENTS FOR COMPLETION OF A SEMESTER

- 10.1 A candidate who has fulfilled the following conditions shall be deemed to have satisfied the attendance requirements for completion of a semester. Ideally every student is expected to attend all classes and earn 100% attendance. However in order to allow provision for certain unavoidable reasons such as prolonged hospitalization / accident / specific illness the student is expected to earn a minimum of 75% attendance to become eligible to write the End-Semester Examinations. Therefore, every student shall secure not less than 75% of overall attendance in that semester as per clause 4.3.
- 10.2 However, a candidate who secures overall attendance between 65% and 74% in that current semester due to medical reasons (prolonged hospitalization / accident / specific illness / participation in sports events) may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate / sports participation certificate to the Head of the Institution. The same shall be forwarded to the Controller of Examinations for record purposes.
- 10.3 Candidates who could secure less than 65% overall attendance and **Candidates who do not satisfy the clauses 10.1 & 10.2** will not be

permitted to write the end-semester examination of that current semester and are not permitted to go to next semester. They are required to repeat the incomplete semester in the next academic year.

11 PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT(IA)

The maximum marks assigned to different courses shall be as given below: Each of the theory and practical courses (including project work) shall carry a maximum of 100 marks of which 20 marks will be through internal assessment and the End Semester Examination (ESE) will carry 80 marks.

11.1 The marks for the continuous assessment shall be awarded as per the procedure given below:

(i) Theory Courses:

Three tests each carrying 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in all tests put together out of 300, shall be proportionately reduced for 20 marks and rounded to the nearest integer (This also implies equal weightage to all the three tests).

(ii) Practical Courses:

The maximum marks for Internal Assessment shall be 20 in case of practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least one test. The criteria for arriving at the Internal Assessment marks of 20 is as follows: 75 marks shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and 25 marks for the test. The total mark shall be reduced to 20 and rounded to the nearest integer.

(iii) Theory Courses with Laboratory component:

The maximum marks for Internal Assessment shall be 20 in case of theory courses with Laboratory component. For a theory course with Laboratory component, there shall be three assessments: the first two assessments (each with a maximum of 100 marks) will be from theory portions and the third assessment (maximum marks 100) will be for laboratory component. The sum of marks of all three assessments shall be reduced to 20 marks and rounded to the nearest integer.

(iv) Other Employability Enhancement Courses

- (a)** The seminar / Case study is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar marks can be equally apportioned. The three member committee appointed by Head of the Institution will evaluate the seminar and at the end of the semester the marks can be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper (40%),

presentation (40%) and response to the questions asked during presentation (20%).

- (b) The Industrial / Practical Training shall carry 100 marks and shall be evaluated through internal assessment only. At the end of Industrial / Practical training / internship / Summer Project, the candidate shall submit a certificate from the organization where he / she has undergone training and a brief report. The evaluation will be made based on this report and a Viva-Voce Examination, conducted internally by a three member Departmental Committee constituted by the Head of the Institution. Certificates submitted by the candidate shall be attached to the mark list sent by the Head of the Department.

11.2 Assessment for Value Added Course

The one / two credit course shall carry 100 marks and shall be evaluated through **continuous assessments only**. Two Assessments shall be conducted during the semester by the Department concerned. The total marks obtained in the tests shall be reduced to 100 marks and rounded to the nearest integer. A committee consisting of the Head of the Department, staff handling the course and a senior Faculty member nominated by the Head of the Institution shall monitor the evaluation process. The list of students along with the marks and the grades earned may be forwarded to the Controller of Examinations for appropriate action at least one month before the commencement of End Semester Examinations

11.3 Assessment for Online Courses

Students may be permitted to credit one online course (which are provided with certificate) subject to a maximum of three credits. The approved list of online courses will be provided by the Centre for Academic courses from time to time. **This online course of 3 credits can be considered instead of one elective course.** The student needs to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by Anna University. **The course shall be evaluated through the End Semester Examination only conducted by Controller of Examinations, Anna University.**

- 11.4 Internal marks approved by the Head of the Institution shall be displayed by the respective HODs within 5 days from the last working day.
- 11.5 Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topics covered), separately for each course. This should be submitted to the Head of the Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the department will put his signature and date after due verification. At the end the semester, the record should be verified by the Head of the institution who will keep this document in

safe custody (for five years). The university or any inspection team appointed by the University may inspect the records of attendance and assessments of both current and previous semesters.

12 REQUIREMENTS FOR APPEARING FOR SEMESTER EXAMINATION

- 12.1 A candidate shall normally be permitted to appear for the University examinations of the current semester if he/she has satisfied the semester completion requirements as per clause 10.1 & 10.2 and has registered for examination in all courses of the current semester.
- 12.2 Further, registration is mandatory for all the courses in the current semester as well as for arrear(s) course(s) for the university examinations failing which, the candidate will not be permitted to move to the higher semester.
- 12.3 A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a course or the aggregate marks / CGPA.

13 UNIVERSITY EXAMINATIONS

- 13.1 There shall be an End- Semester Examination of 3 hours duration in each lecture based course. The examinations shall ordinarily be conducted between October and December during the odd semesters and between April and June in the even semesters. For the practical examinations (including project work), both internal and external examiners shall be appointed by the University.

13.2 WEIGHTAGE

The following will be the weightage for different courses.

- i) Lecture or Lecture cum Tutorial based course:

Internal Assessment	-	20%
End Semester Examination	-	80%

- ii) Laboratory based courses

Internal Assessment	-	20%
End Semester Examination	-	80%

- iii) Project work

Internal Assessment	-	20%
Evaluation of Project Report by external examiner	-	30%
Viva-Voce Examination	-	50%

- iv) Practical training / summer project / seminar

Internal Assessment	-	100%
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14 PASSING REQUIREMENTS

- 14.1 A candidate who secures not less than 50% of total marks prescribed for the course with a minimum of 50% of the marks prescribed for each of the course of the End-Semester University Examination in both theory and practical courses shall be declared to have passed in the course and acquired the relevant number of credits.
- 14.2 If a student fails to secure a pass in a theory course (except electives), **the student shall do reappearance registration only along with regular students** for that course in the subsequent semester, when offered next, earn continuous assessment marks and attend the end semester examination.
- 14.3 If the course, in which the student has failed, is a professional elective or an open elective, the student may be permitted to register for the **same course**, earn continuous assessment marks and attend the End Semester Examination or **any other** professional elective or open elective course in the subsequent semesters, attend the classes and fulfill the attendance requirements as per Clause 10.
- 14.4 If a student fails to secure a pass in a laboratory course, **the student shall register** for the course again, when offered next.
- 14.5 If a student fails to secure a pass in project work, **the student shall register** for the course again, when offered next.
- 14.6 The passing requirement for the courses which are assessed only through purely internal assessment (EEC courses except project work), is 50% of the internal assessment marks only.
- 14.7 If a student has failed in the final semester examination he/ she may be allowed to register for the course in the next semester itself.
- 14.8 A student can apply for reevaluation of the student's semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee along with prescribed application to the COE through the Head of the Institution. The COE will arrange for the reevaluation and the results will be intimated to the student concerned through the Head of the Institution. Reevaluation is not permitted for laboratory course and project work.

15 AWARD OF LETTER GRADES

- 15.1 All assessments of a course will be evaluated on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the candidate in each subject as detailed below:

Letter grade	Grade Points	Marks Range
O (Outstanding)	10	91 – 100
A+ (Excellent)	9	81 – 90
A (Very Good)	8	71 – 80
B+ (Good)	7	61 – 70
B (Average)	6	50 – 60
RA	0	< 50
SA (Shortage of Attendance)	0	
W	0	

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B".

'SA' denotes shortage of attendance (as per clause 10.3) and hence prevention from writing the end semester examinations. 'SA' will appear only in the result sheet.

"RA" denotes that the student has failed to pass in that course. "W" denotes **withdrawal** from the exam for the particular course. The grades RA and W will figure both in Marks Sheet as well as in Result Sheet). In both cases the student has to earn Continuous Assessment marks and appear for the End Semester Examinations. If the grade W is given to course, the attendance requirement need not be satisfied. If the grade RA is given to a core **theory course**, the attendance requirement need not be satisfied, but if the grade RA is given to a **Laboratory Course/ Project work / Seminar and any other EEC course**, the attendance requirements (vide clause 10) should be satisfied.

15.2 The grades O, A+, A, B+, B obtained for the one credit course shall figure in the Mark sheet under the title '**Value Added Courses**'. The Courses for which the grades are RA, SA **will not figure in the mark sheet**.

15.3 GRADE SHEET

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- ★ The college in which the candidate has studied.
- ★ The list of courses enrolled during the semester and the grades scored.
- ★ The Grade Point Average (GPA) for the semester and
- ★ The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

GPA for a semester is the ratio of the sum of the products of the number of credits for courses acquired and the corresponding points to the sum of

the number of credits for the courses acquired in the semester. CGPA will be calculated in a similar manner, considering all the courses registered from first semester. RA grades will be excluded for calculating GPA and CGPA.

$$\text{GPA / CGPA} = \frac{\sum_{i=1}^n C_i \text{ GP}_i}{\sum_{i=1}^n C_i}$$

where

C_i is the number of credits assigned to the course

GP_i is the Grade point corresponding to the grade obtained for each Course

n is number of all Courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA.

16 ELIGIBILITY FOR THE AWARD OF THE DEGREE

16.1 A student shall be declared to be eligible for the award of the PG Degree (M.E./ M.Tech., M.C.A., M.B.A.) provided the student has

i. Successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time.

ii. **a. M.E./ M.Tech., M.B.A.(Full Time)**

Successfully completed the course requirements, appeared for the End-Semester examinations and passed all the subjects prescribed in all the 4 semesters within a maximum period of 4 years reckoned from the commencement of the first semester to which the candidate as admitted.

b. M.E./ M.Tech., M.B.A.(Part Time) and M.C.A.(Full Time)

Successfully completed the course requirements, appeared for the End-Semester examinations and passed all the subjects prescribed in all the 6 semesters within a maximum period of 6 years reckoned from the commencement of the first semester to which the candidate was admitted.

iii. Successfully passed any additional courses prescribed by the Director, Academic Courses whenever readmitted under regulations other than R-2017 (vide clause 19.3)

iv. No disciplinary action pending against the student.

- v. The award of Degree must have been approved by the Syndicate of the University.

17 CLASSIFICATION OF THE DEGREE AWARDED

17.1 FIRST CLASS WITH DISTINCTION:

A Student who satisfies the following conditions shall be declared to have passed the examination in **First class with Distinction**:

M.E. / M.Tech. M.B.A.(Full Time)

- ★ Should have passed the examination in all the courses of all the four semesters in the student's First Appearance within **three** years, which includes authorised break of study of one year (if availed). Withdrawal from examination (vide Clause 18) will not be considered as an appearance.
- ★ Should have secured a CGPA of not less than **8.50**.
- ★ Should NOT have been prevented from writing end Semester examination due to lack of attendance in any of the courses.

M.E. / M.Tech. M.B.A.(Part Time) and M.C.A (Full Time)

- ★ Should have passed the examination in all the courses of all the six semesters in the student's First Appearance within **four** years, which includes authorised break of study of one year (if availed). Withdrawal from examination (vide Clause 18) will not be considered as an appearance.
- ★ Should have secured a CGPA of not less than **8.50**.
- ★ Should NOT have been prevented from writing end Semester examination due to lack of attendance in any of the courses.

17.2 FIRST CLASS:

A student who satisfies the following conditions shall be declared to have passed the examination in **First class**:

M.E. / M.Tech. M.B.A.(Full Time)

- ★ Should have passed the examination in all the courses of all four semesters **within three years** , which includes one year of authorized break of study (if availed) or prevention from writing the End Semester Examination due to lack of attendance (if applicable).
- ★ Should have secured a CGPA of not less than **7.00**

M.E. / M.Tech. M.B.A. (Part Time) and M.C.A (Full Time)

- ★ Should have passed the examination in all the courses of all six semesters **within four years** , which includes one year of authorized break of study (if availed) or prevention from writing the End Semester Examination due to lack of attendance (if applicable).
- ★ Should have secured a CGPA of not less than **7.00**

17.3 SECOND CLASS:

All other students (not covered in clauses 17.1 and 17.2) who qualify for the award of the degree (vide Clause 16.1) shall be declared to have passed the examination in **Second Class**.

- 17.4 A student who is absent in End Semester Examination in a course / project work after having registered for the same shall be considered to have appeared in that examination (except approved withdrawal from end semester examinations as per clause 18) for the purpose of classification.

17.5 Photocopy / Revaluation

A candidate can apply for photocopy of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of Institutions. The answer script is to be valued and justified by a faculty member, who handled the subject and recommend for revaluation with breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examinations. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Institutions. Revaluation is not permitted for practical courses and for project work. A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time.

17.6 Review

Candidates not satisfied with Revaluation can apply for Review of his/ her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to Controller of Examination through the Head of the Institution. Candidates applying for Revaluation only are eligible to apply for Review.

18 PROVISION FOR WITHDRAWAL FROM EXAMINATION:

- 18.1 A student may, for valid reasons, (medically unfit / unexpected family situations / sports approved by Chairman, sports board and HOD) be granted permission to withdraw from appearing for the end semester examination in any course or courses in **ANY ONE** of the semester

- examinations during the entire duration of the degree programme. The application shall be sent to Director, Student Affairs through the Head of the Institutions with required documents.
- 18.2 Withdrawal application is valid if the student is otherwise eligible to write the examination (Clause 10) and if it is made within TEN days prior to the commencement of the examination in that course or courses and recommended by the Head of the Institution and approved by the Controller of Examinations.
- 18.2.1 Notwithstanding the requirement of mandatory 10 days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- 18.3 In case of withdrawal from a course / courses (Clause 12) the course will figure both in Marks Sheet as well as in Result Sheet. **Withdrawal essentially requires the student to register for the course/courses** The student has to register for the course, fulfill the attendance requirements (vide clause 10), earn continuous assessment marks and attend the end semester examination. However, withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction.
- 18.4 Withdrawal is permitted for the end semester examinations in the final semester only if the period of study the student concerned does not exceed 3 years as per clause 17.1.

19 AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

- 19.1 A student is permitted to go on break of study for a maximum period of one year as a single spell.
- 19.2 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Director, Student Affairs in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Institution stating the reasons therefore and the probable date of rejoining the programme.
- 19.3 The candidates permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply to the Director, Academic Courses in the

prescribed format through Head of the Institution at the beginning of the readmitted semester itself for prescribing additional courses, if any, from any semester of the regulations in-force, so as to bridge the curriculum in-force and the old curriculum.

- 19.4 The authorized break of study would not be counted towards the duration specified for passing all the courses for the purpose of classification (vide Clause 17.1).
- 19.5 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 4.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.
- 19.6 If any student is prevented for want of required attendance, the period of prevention shall not be considered as authorized 'Break of Study' (Clause 19.1)

20 DISCIPLINE

- 21.1 Every student is required to observe disciplined and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College. The Head of Institution shall constitute a disciplinary committee consisting of Head of Institution, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and notify the University about the disciplinary action recommended for approval. In case of any serious disciplinary action which leads to suspension or dismissal, then a committee shall be constituted including one representative from Anna University, Chennai. In this regard, the member will be nominated by the University on getting information from the Head of the Institution.
- 21.2 If a student indulges in malpractice in any of the University / internal examination he / she shall be liable for punitive action as prescribed by the University from time to time.

22 REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The University may from time to time revise, amend or change the Regulations, Curriculum, Syllabus and scheme of examinations through the Academic Council with the approval of Syndicate.

14. SCHOLARSHIPS

Eligible students are provided with the following Scholarship facilities:

Scholarships for Backward Classes, Most Backward Classes and Denotified Communities

The income of the BC / MBC / DNC parents / guardians shall not exceed Rs. 2,00,000 per annum. This scholarship is granted by the District Backward classes Welfare Department.

i) Govt. of India Post-Matric Scholarship for Scheduled Caste & Scheduled Tribe Students

Scheduled Caste & Scheduled Tribe parents annual income should not exceed Rs. 2,00,000 per annum.

ii) Govt. of India Scholarship SC / ST / SCA - Free Education (First Generation Graduation) Scholarship

This scholarship is awarded for the students of SC/ST/SCA whose parents income is not exceeding Rs. 2,00,000 per annum. First Graduation certificate is needed. Both scholarships (SC/ST/SCA Student Scholarship & Post Matric Scholarship) are granted by the District Adi Dravidar Welfare Department. First Generation Graduate Scholarship is granted by the Directorate of Technical Education.

SC/ST students can avail any one of the schemes. (Post-matric scholarship scheme or First Generation Graduate Scholarship Scheme)

Chief Minister Prize Award to SC/ST/SCA Students

This Scholarship is awarded to SC/ST/SCA Students, provided that boys have secured 1053 marks and above in the +2 public Examination and Girls 1057 marks and above.

Farmer Social Security Scheme Scholarship

To avail this Scholarship, the student has to provide certificates of his/her parents health, education of children, hostel fees, accident relief, senior citizen's welfare and special attention for women girl child.

Merit - cum - Means based Scholarship to Minority Students

This scheme provides financial assistance to the poor and meritorious students belonging to minority communities to enable them to pursue professional and technical courses.

Beedi Employees Scholarship

The Labour welfare commission attached to the Union ministry of labour provides scholarship assistance to the children of beedi, mine and cinema workers.

First Generation Graduates Scheme

This scheme provides 20,000 rupees to the students who are first generation graduates.

Scholarship for Girls implemented under AICTE, New Delhi

i) Pragati Scheme :

The Central Government provides scholarship, if the girl is the only child of the family with income less than Rs. 6 lakhs per annum.

ii) Saksham Scheme :

The Central Government provides scholarship for differently abled students with income less than Rs. 6 lakhs per annum.

Fee for Meritorious students

To encourage Meritorious students, Kamaraj College of Engineering and Technology Managing Board gives benefit in tuition fee.

15. EDUCATIONAL LOANS

Canara Bank

1. MoU is signed between our college and Canara Bank, Madurai Circle Office for both counselling and management quota students.
2. Loans upto Rs. 4 lakhs given without any security to the bank with a holiday period of 4-1/2 years.
3. After 4-1/2 years, the student is expected to start repaying the loan. Interest @ 12% is chargeable.
4. To continue loan availment, the student must pass all subjects in first attempt.
5. There is no income ceiling for the parents on this.
6. All students are advised to avail this loan to reduce financial burden of their parents.
7. For further details, contact OFFICE.

National Backward Classes Finance & Development Corporation Loan Scheme

This sheme extends Education Loan to the members of Backward Classes for pursuing professional or technical education at graduate and higher level.

Eligibility :

- a) Members of Backward Classes, as notified by Central Government / State Governments from time to time.
- b) The annual income of the applicant's family should be below double the poverty line i.e. Rs. 1,20,000/- in urban areas and Rs. 98,000/- p.a. in rural areas.
- c) The applicant should have obtained admission for any professional courses approved by appropriate authority such as AICTE, Medical Council of India, UGC etc.

Maximum Loan Limit :

90% of the expenditure of the course subject to maximum loan limit of Rs. 10 lakh per student or Rs. 2.50 lakh p.a. (for studying within India) & 85% of the expenditure of the course subject to maximum of Rs. 20 lakh per student (for studying abroad), the balance will be borne by student / SCAs.

Rate of Interest :	i) From NBCFDC to SCA	:	1.5% p.a.*
	ii) SCA to beneficiary	:	4% p.a.**

* 0.5% rebate on timely repayment of loan by SCAs

** Girl students will get education loan at special concessional rate of interest @ 3.5% p.a.

Repayment Period :

The moratorium, besides being co-terminus with the course for which loan has been obtained by the students, will have a further six months period for starting repayment after the completion of the course.

16. ENDOWMENTS

1. **S.P.G.C. Nagammal Gold Medal Endowment**

A gold medal is given to the best all rounder in First Year B.E. / B.Tech. every year.

2. **V.M. Gnanasabapathy - Saraswathi Ammal Gold Medal Endowment**

A gold medal is given to the best all rounder in Second Year B.E. / B.Tech. every year.

3. **K.C.S.K. Ravindran - R. Meena Gold Medal Endowment**

A gold medal is given to the best all rounder in Third Year B.E. / B.Tech. every year.

4. **M. Nagarajan - N. Asha Devi in Memory of V.P.S.A. Sundara Nadar Gold Medal Endowment**

A gold medal is given to the best all rounder in Fourth Year B.E. / B.Tech. every year.

5. **Prof. R. Surendran Gold Medal Endowment**

A gold medal is given to the first year student who secures the first rank in Technical - Communication English every year.

6. **Prof. R. Surendran & Sons Gold Medal Endowment**

A gold medal is given to the first year B.E. Electrical and Electronics Engineering - 'B' Section.

7. **P.M.A. Narayana Nadar - Saraswathiammal Centenary 2000 Memorial Gold Medal Endowment**

A gold medal is given to the student who secures the first rank in First year B.E. Computer Science and Engineering -A Section every year .

8. **M.S.G. Murugan - Jeeva Gold Medal Endowment**

A gold medal is given to the student who secures the first rank in First year B.E. Electronics & Communication Engineering - A Section every year.

9. **Principal Dr. K. Rajakumar & Mrs. Packialeela Rajakumar Gold Medal Endowment**

A gold medal is given to the student who secures the first rank in First year B.E. Electronics & Instrumentation Engineering every year.

10. **V.M.A.R. Thanapalan - T. Dhanalakshmi Gold Medal Endowment**

A gold medal is given to the student who secures the first rank in First year B.Tech. Polymer Technology every year.

11. Mahesh Bakery S. Mariappa Nadar - M. Packialakshmi Ammal Memorial Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year B.Tech. Information Technology every year.

12. V.V.S. Pandurangan - Bala Saraswathi Ammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year B.E., Electrical & Electronics Engineering - 'A' Section every year.

13. Jamnagar O.T.A.V. Nagarathina Nadar - N. Manoranjeetham Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year B.Tech. Bio-Technology every year.

14. KCET Staff Club 2004 Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year M.Tech. Bio-Technology every year.

15. KCET Staff Club 2006 Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year B.E., Mechanical Engineering - 'A' section every year.

16. T. Ramachandran - R. Mareeswari Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year B.E. Mechanical Engineering - 'B' Section every year.

17. Sv.P.S.P. Rajeshwari Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First year B.E. Civil Engineering - 'A' Section every year.

18. M. Duraipandian and M. Karuppiah Memorial Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Computer Science and Engineering - 'A' Section

19. Kakinada Kodangi K. Dhasaradha Nadar - Kasthuri Ammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Electronics & Communication Engineering - 'A' Section.

20. Prof. R. Surendran - S. Vasuki Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Electronics & Instrumentation Engineering.

21. S. Chidambaram- Thenammal Memorial Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Polymer Technology.

22. S.P. Thaayammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Information Technology.

23. Calcutta P. Bose - Janaki Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Electrical & Electronics Engineering 'A' Section.

24. Prof. Damayanti Rajadurai, M.A., Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Bio Technology.

25. V.V. Dhanushkodi Nadar Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Second Year Mechanical Engineering - 'A' Section

26. Theni A.M.R. Rathinasabapathy-Sakunthala Gold Medal Endowment

A gold medal is given to the student who secures the first rank in First Year Electronics & Communication Engineering - 'B' Section.

27. A.S.K.A. Mariappa Nadar - Balammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Third Year Computer Science and Engineering - 'A' Section.

28. A. Rajalakshmi Ammal - Ayyemperumal Nadar Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Third Year Electronics & Communication Engineering - 'A' Section.

29. C.V. Dhanabalan Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Third Year Information Technology.

30. N.G. Vishnu Rajan Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Third Year Electrical & Electronics Engineering - 'A' Section.

31. G. Subramanian & Brothers Chennai Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Third Year Bio Technology.

32. G. Nagamani Memorial Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Computer Science and Engineering - 'A' Section.

33. Mr. T.K. Shanmugam & S. Mallika Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Computer Science and Engineering - 'B' Section.

34. Rathina Nadar Pushpammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Electronics & Communication Engineering - 'A' Section.

35. Kalimark. Sri. K.P. Ganesan Memorial Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Electronics & Instrumentation Engineering.

36. V.P.M. Amirthalingam - A. Jothi Ammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Polymer Technology.

37. V.P.S.A. Sundara Nadar Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Information Technology.

38. Mr. V.M.K. Chinnapalam - Mrs. C. Nagarathinam Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Electrical & Electronics Engineering - 'A' Section.

39. V.P.S.A. Paramasiva Nadar - Thillai Sivakami Ammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Bio Technology.

40. K.S.S. Ayyasamy - Poornammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Mechanical Engineering - 'A' Section.

41. T.C.S.P. Seeniappa Nadar - Thamayanthi Son : T.C.S.P.S. Ramamoorthy - Seethalakshmi Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Mechanical Engineering - 'B' Section.

42. K.S.S. Ayyasamy - Poornammal Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Civil Engineering - 'A' Section.

43. P.S.T.P.R. Jeya Pandian, Madurai and P.S.T.P.R. Jaya Chidambara Pandian, Maldives Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fourth Year Civil Engineering - 'B' Section.

44. P.M.S.P. Nagasamy - Janaki Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Third Year Computer Science and Engineering - 'B' Section.

45. T.R. Thomas Nadar Gold Medal Endowment

A gold medal is given to the student who secures the first rank in Fifth Year M.Sc. Software Systems.

46. Theni M.S. Gurusamy - M.S.G. Thangammal Gold Medal Endowment

A gold medal is given to the Best Outstanding NCC Cadet (Boys).

47. Kamaraj college of engineering & Technology Managing Board Office Bearers (2017-2019) Gold Medal Endowment

A gold medal is given to the Best Outstanding NCC Cadet (Girls).

48. A.S.K.S. Thangarajan - Sakunthala Devi Gold Medal Endowment

A gold medal is given to the student who secures the First Rank in 1 Year Computer Science and Engineering - 'B' Section.

49. Mr. P. Madasamy, Site Engineer of KCET Gold Medal Endowment

A gold medal is given to the student who secures the First Rank in III Year Civil Engineering - 'A' Section.

50. V.N.R.T. Gurusamy Nadar - Rajammal Memorial Gold Medal Endowment

A gold medal is given to the student who secures the First Rank in II Year Civil Engineering - 'A' Section.

51. M.S. Balasubramanian - B. Banumathi Memorial Gold Medal Endowment

A gold medal is given to the student who secures the First Rank in II year ECE - 'B' Section.

52. M.S. Balasubramanian - B. Banumathi Memorial Gold Medal Endowment

A gold medal is given to the student who secures the First Rank in II Year CSE - 'B' Section.

53. O.M.S.R. Jeyaraj - Thillaimani Gold Medal Endowment

A gold medal is given to the student who secures the First Rank in II Year M.E., CCE.

17. ANTI RAGGING COMMITTEE

Ragging in any form, at any place or time is a cognizable offence that will lead to severe punishment including getting summarily expelled from the College / Institution / University.

Any violation will result in suspension / dismissal from the hostel / college. In this regard, the special secretary to Government, Higher Education Department, Secretariat, Chennai has given the following sections in respect of the Tamil Nadu Prohibition of Ragging Act, 1997.

Section 4 : Whoever directly or indirectly commits, participates in, abets or propagates “Ragging” within or outside any educational institution, shall be punished with imprisonment for a term which may extend to two years and shall also be liable to a fine which may extend to ten thousand rupees.

Section 5 : Any student convicted of an offence under section 4 mentioned above shall also be dismissed from the educational institution and such students shall not be admitted in any other educational institution.

Anti-ragging committee is constituted as per the guidelines of Government of India, Aman Movement. In case of any incidence of ragging, please contact the co-ordinator :

Dr. K. THANALAKSHMI, HOD / Maths

Mobile No : **94423 26977**

Mail Id : hodmaths@kamarajengg.edu.in

Toll Free Helpline : 1800-180-5522

18. GRIEVANCE CELL

Grievance Cell for employees is constituted with an objective of resolving their grievances. Employees can approach the committee for any grievances. Dr. K. Thanalakshmi, HOD / Maths is the co-ordinator of Grievance Committee.

19. DISCIPLINARY COMMITTEE

A disciplinary committee has been formed to look after students discipline. Dr. M. Vasanthi, Dr. S. Vinayagamorthy, Dr. R. Suresh Babu and respective Department HOD's are the members. The committee counsels the erring students and suggests disciplinary action to ensure discipline in the campus.

20. COMPLAINTS CUM REDRESSAL COMMITTEE

Complaints-cum-Redressal Committee has been constituted with an objective of resolving the grievances of our students. Students can approach the Committee for any grievance.

Dr. K. Thanalakshmi, HoD / Mathematics is the Co-ordinator of Complaints and Redressal Committee.

21. COLLEGE RULES AND REGULATIONS

(i) General Instructions

- ★ Being a co-educational institution, the students should maintain dignity and decorum with the opposite gender. Free conversation with the opposite gender is strictly forbidden. Cracking jokes and passing comments on the opposite gender is an offence.
- ★ Students are not allowed to bring their guests to College during the working hours.
- ★ They should not leave the campus during working hours. If anybody wants to leave the campus, he/she should get "the out-pass" from their Head of the Department or the Principal.

- ★ They are advised to board the outside buses in an orderly manner and without making a noise.
- ★ They are warned not to lean on the parapet wall in the first floor facing the main entrance.
- ★ While using the staircase, students should ascend and descend in a disciplined way.
- ★ Any form of celebration like birthday parties is not allowed inside the College campus.
- ★ Formation of any club or association without the permission of the Principal is strictly prohibited.
- ★ During the leisure hours, girls are advised to remain in the ladies' waiting room and the boys in the class rooms. They should not loiter along the roads inside or around the campus or stand in verandahs or under the shade of trees.
- ★ Firing crackers, even during festival times is strictly banned.

ii) Care of the College property

- ★ Students should not damage the college property. They should not scribble anything on the green board, table, furniture and walls.
- ★ Cost of damage to property movable or immovable will be recovered from the students.
- ★ Students are advised to switch off the fans and lights when they leave the class rooms.
- ★ Action will be taken against the students who damage the property.

iii) Cleanliness of the campus

- ★ Waste paper and packets should only be thrown into the dust bins.

- ★ Writing on walls, pillars, toilets, bathrooms, furniture and class room boards is strictly prohibited.
- ★ Students who buy soft drinks, chocolates etc in paper packets from the canteen or Tuckshop are informed to dispose the empty packets / paper in the dust bins.

iv) Dress code

- ★ Students should wear their ID Cards when they enter the Campus.
- ★ Students should dress in formal wear.
- ★ Boys should not wear Tights and Short Shirts, Jeans pant, pants with designs, T-Shirts and shirts with write-ups and designer dresses.
- ★ Boys should tuck in their pants and shirts.
- ★ Girls should wear only churidhars. On special occasions, girls can come to College in Sarees with prior permission from their Head of the Department.
- ★ Wearing churidhars with tight fit short tops, designer tops and sleeveless tops is not permitted.
- ★ Students should attend the laboratories and workshops classes only in their uniforms and they should wear shoes.

v) Classroom manners

- ★ Students should not come late to class. (Late comers should get permission slip from the Principal / HoD)
- ★ Students should apply for leave / on duty through proper permission from tutor, chair person and HoD in prior.
- ★ They should not absent themselves without prior permission.
- ★ Strict silence should be maintained in the classroom. Students should occupy their allotted seats.

- ★ Students are not permitted to sit inside the class room closing the door in the absence of the staff.
- ★ Throwing paper arrows and small articles is forbidden.
- ★ Students should not shout, hoot or whistle during class hours and in College functions. They should maintain strict discipline within the Campus and students should occupy their allotted seats in college functions.
- ★ Chewing bubble gum, chocolate and any other eatable item inside the class room should be avoided.

vi) Library Rules

- ★ Strict silence should be maintained in the Library and the reading room.
- ★ Student should not carry any book or printed matter into the Library.
- ★ Students can retain the books for two weeks (i.e. 14 days) from the date of issue.
- ★ A fine of Re. 1/- will be charged per day for overdue of books.
- ★ Books will be issued and returned on all working days.
- ★ Students should not scribble anything on / inside the books, periodicals and newspapers.
- ★ Students will be responsible for any damage done to the books or to other library properties.
- ★ The Librarian is empowered to send out any student who makes noise or misbehaves in the Library.

22. BOYS HOSTEL RULES AND REGULATIONS

Attention to Parents / Students :

1. The Government of India has banned Ragging in any form and ragging is treated as a punishable offence. So, if any student is found to be involved in ragging he will be dismissed from the college and legal action will be taken against him.
2. Students can possess and use Mobile Phones subject to the rules of the college.
3. Mobile phones should be kept in switched off mode during the Hostel Study Hours from 08.00 p.m. to 11.00 p.m.
4. With prior permission from authorities, students are allowed to have personal computer / laptop and should be used for educational purposes. It should not be misused for watching films, listening to songs, playing games or chatting. They are not permitted to use accessories such as printers, head phones etc.
5. All the students should open their own S/B accounts in the TMB Extension Counter available within the premises of the college. They have to operate the account on their own by depositing money or withdrawing, using ATM. Handing over the ATM card to other students to withdraw money should be avoided. The college will not be held responsible for any of the consequence of such an action.
6. Whenever the students leave their rooms to attend classes or to the mess hall or to the play ground, they have to keep their things under lock and key. They are not allowed to stay in their rooms during working hours, without prior permission. Whenever the room is locked, electric bulbs and fans are to be switched off.
7. Students should take care of their own belongings and valuables. College is not responsible for the lost items.
8. The college or hostel authorities are not responsible for any untoward incident happening outside the college premises to any student.
9. Students should not cause any damage to the college property in any form. If found, they have to pay for the damaged items, in addition to the penalty. He should accept any punishment given.

10. Misbehaviour like whistling, shouting, howling, disturbing Wardens, Hostel Clerks, Hostel employees or other students etc., by any student inside the hostel, will lead to immediate suspension from the hostel.
11. Celebration of Birthdays and any other event in any form is strictly prohibited. If students violate the rule, disciplinary action will be taken against the student(s).
12. Use of any kind of intoxicating material is prohibited in the hostel / college premises. Severe action will be taken against students who are in possession of alcoholic drinks, tobacco or any other material.
13. Students who disturb and create pandemonium in the hostel rooms and cause damage in mess halls and the college campus will be dismissed from the hostel and the college, without any enquiry.
14. Students suspended officially from the hostel are not permitted to enter the hostel campus and take food in the mess hall. The other hostel inmates should not entertain the suspended students in his room / mess hall. If they do so, they will also be punished for their act.
15. The deputy warden / representatives nominated by the college management are empowered to check any room of the students and their belongings at any time, if there is a need. Possession of belongings which are injurious to health is strictly prohibited. Violation of this rule will be seriously viewed and stringent action will be taken.
16. Students are not permitted to go out of the college premises on all working days. However they can go out on holidays after getting prior permission from the authorities concerned.
17. For medical facility, the college has a First Aid Medical Centre. In case further treatment is necessary, parents will be informed about it and that particular student will be allowed to go home to continue his treatment and take rest.
18. The college and hostel managements are not responsible for any untoward incident happening to any student who violates the rules and regulations of the hostel.

23. GIRLS HOSTEL RULES AND REGULATIONS

Attention to Parents / Students :

1. As per the rules and regulation of our Indian Government, ragging is banned among students. If anyone is found to be involved in any form of ragging, she will be dismissed from the college and legal action will be taken.
2. Girls should paste a recent passport size photograph with their parents and guardian (who has to be above 35 years of age)
3. Apart from the permitted holidays, if the parents wish to call their wards to home, they can contact the hostel authorities only through their authorized mobile number.
4. Also, the student can be sent home only with either of the parents or the guardian who is in the attached photograph of the Identity Card.
5. Parents are not allowed to meet their wards during the week days. One of the persons in the ID photograph only will be permitted to visit the student.

Visiting Time : Sundays - Morning 9.00 a.m. to Evening 5.00 p.m.

6. The College and Hostel authorities are not responsible for any untoward incident happening outside the college premises to any student.
7. Students can possess Mobile Phones but should strictly adhere to the rules and regulations of our college. They can contact their parents only on these mobile numbers. Ph : 92450-21838, 92450-21839.
8. Students must switch off the Mobile Phones during the Hostel study hours (8.00 p.m. to 10.30 p.m.) In case of any violation, the mobile phone will be confiscated and broken in the presence of the Principal. Once confiscated, the student will not be allowed to use mobile phones till her stay in the campus. TC will be given, if the rule gets violated.

9. Students can possess laptop or Computer in the hostel only for academic purpose by obtaining prior permission. But peripheral devices like Printers, Speakers etc. are not permitted.
10. Students are not permitted to use electrical appliances (Iron Box, Electric Kettle etc.). In case of any violation, disciplinary action will be taken.
11. Students should take care of their valuables and ornaments. The college and the hostel managements are not responsible for the lost items.
12. Students should lock their rooms whenever they go out. They are not permitted to stay in the hostel during the college working hours. Electrical lamps and fans should be switched off before the rooms are locked and not used by the students.
13. Students should remain in their allotted rooms only. They should not stay or sleep in other's room. Any violation of this rule will be dealt with seriously and disciplinary action will be taken by the college management.
14. Girls can make use of the extension branch of the bank in the college premises. All girls are instructed to use only their accounts and ATM transactions personally. The college management is not responsible for any mistake.
15. The deputy warden / representatives nominated by the college management are empowered to check any student room and their belongings at any time, if there is a need. Possession of belongings which are injurious to health is strictly prohibited. Violation of this rule will be seriously viewed and stringent action will be taken.
16. Students should not cause any damage to properties in hostel, mess halls and college premises under any circumstances. Any violation will lead to suspension from the hostel and college.
17. Medical assistance is available in the hostel premises. Needed / further medical assistance can be given on Doctor's suggestion and the parents will be informed immediately.
18. The college and hostel managements are not responsible for any untoward incident happening to any student who violates the rules and regulations of the hostel.

MESS

- ★ Wastage of food is an unsocial deed. It should be avoided.
- ★ Hostel students must submit their mess reduction forms to the mess office, well in advance.
- ★ Reduction is not entertained in case of late submission and absence for less than five days.
- ★ Hostel students should give their mess reduction / leave form / only in the prescribed forms. If a student does not take any food from the mess under special circumstances, it should be intimated to the mess office.
- ★ If a student does not take food from the mess for a longer duration without a prior intimation to the office, he will be fined. This is to minimize the wastage of food.
- ★ Students should vacate the Mess hall on or before the allotted time.

BUS RULES

- ★ Students should bring bus pass everyday.
- ★ Students are advised to come to the bus stop well in advance.
- ★ Students should not shout, hoot or whistle while travelling in the college bus.
- ★ If any student misbehaves or makes a noise or whistles, he/she will be immediately asked to get down from the bus.
- ★ Students should not bring and use electronic gadgets while travelling in the bus.

24. ACADEMIC PLANNER 2019 – 2020

JUNE 2019

Date	Day	Programme
1	Sat	
2	Sun	
3	Mon	
4	Tue	
5	Wed	Ramzan
6	Thu	
7	Fri	
8	Sat	Holiday
9	Sun	
10	Mon	
11	Tue	
12	Wed	
13	Thu	
14	Fri	
15	Sat	
16	Sun	
17	Mon	
18	Tue	
19	Wed	
20	Thu	
21	Fri	
22	Sat	Holiday
23	Sun	
24	Mon	
25	Tue	
26	Wed	
27	Thu	
28	Fri	
29	Sat	
30	Sun	

JULY 2019

Date	Day	Programme
1	Mon	
2	Tue	
3	Wed	
4	Thu	
5	Fri	
6	Sat	
7	Sun	
8	Mon	
9	Tue	
10	Wed	
11	Thu	
12	Fri	
13	Sat	Holiday
14	Sun	
15	Mon	
16	Tue	
17	Wed	
18	Thu	
19	Fri	
20	Sat	
21	Sun	
22	Mon	
23	Tue	
24	Wed	
25	Thu	
26	Fri	
27	Sat	Holiday
28	Sun	
29	Mon	
30	Tue	
31	Wed	

AUGUST 2019

Date	Day	Programme
1	Thu	
2	Fri	
3	Sat	
4	Sun	
5	Mon	
6	Tue	
7	Wed	
8	Thu	
9	Fri	
10	Sat	Holiday
11	Sun	
12	Mon	Bakrid
13	Tue	
14	Wed	
15	Thu	Independence Day
16	Fri	II, III & IV Year - Test I (Tentative)
17	Sat	II, III & IV Year - Test I
18	Sun	
19	Mon	II, III & IV Year - Test I
20	Tue	
21	Wed	
22	Thu	
23	Fri	Sri Krishnajeayanthi
24	Sat	Holiday
25	Sun	
26	Mon	
27	Tue	
28	Wed	
29	Thu	
30	Fri	
31	Sat	

SEPTEMBER 2019

Date	Day	Programme
1	Sun	
2	Mon	VinayagarChaturthi
3	Tue	
4	Wed	
5	Thu	
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tue	Moharam
11	Wed	
12	Thu	
13	Fri	
14	Sat	Holiday
15	Sun	
16	Mon	II, III & IV Year - Test II ; I Year - Test I (Tentative)
17	Tue	II, III & IV Year - Test II ; I Year - Test I
18	Wed	II, III & IV Year - Test II ; I Year - Test I
19	Thu	
20	Fri	
21	Sat	
22	Sun	
23	Mon	
24	Tue	
25	Wed	
26	Thu	
27	Fri	
28	Sat	Holiday
29	Sun	
30	Mon	

OCTOBER 2019

Date	Day	Programme
1	Tue	
2	Wed	Gandhi Jeyanthi
3	Thu	
4	Fri	
5	Sat	
6	Sun	
7	Mon	SaraswathiPooja
8	Tue	Vijayadhasami
9	Wed	
10	Thu	
11	Fri	
12	Sat	Holiday
13	Sun	
14	Mon	II, III & IV Year - Test III ; I Year - Test II (Tentative)
15	Tue	II, III & IV Year - Test III ; I Year - Test II
16	Wed	II, III & IV Year - Test III ; I Year - Test II
17	Thu	
18	Fri	
19	Sat	
20	Sun	
21	Mon	
22	Tue	
23	Wed	
24	Thu	
25	Fri	
26	Sat	Holiday
27	Sun	Diwali
28	Mon	
29	Tue	
30	Wed	
31	Thu	

NOVEMBER 2019

Date	Day	Programme
1	Fri	
2	Sat	
3	Sun	
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	Holiday
10	Sun	Miladi Nabi
11	Mon	
12	Tue	
13	Wed	
14	Thu	
15	Fri	
16	Sat	
17	Sun	
18	Mon	I Year - Test III (Tentative)
19	Tue	I Year - Test III
20	Wed	I Year - Test III
21	Thu	
22	Fri	
23	Sat	Holiday
24	Sun	
25	Mon	
26	Tue	
27	Wed	
28	Thu	
29	Fri	
30	Sat	

DECEMBER 2019

Date	Day	Programme
1	Sun	
2	Mon	
3	Tue	
4	Wed	
5	Thu	
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tue	
11	Wed	
12	Thu	
13	Fri	
14	Sat	Holiday
15	Sun	
16	Mon	
17	Tue	
18	Wed	
19	Thu	
20	Fri	
21	Sat	
22	Sun	
23	Mon	
24	Tue	
25	Wed	Christmas
26	Thu	
27	Fri	
28	Sat	Holiday
29	Sun	
30	Mon	
31	Tue	

JANUARY 2020

Date	Day	Programme
1	Wed	New Year
2	Thu	
3	Fri	
4	Sat	
5	Sun	
6	Mon	
7	Tue	
8	Wed	
9	Thu	
10	Fri	
11	Sat	Holiday
12	Sun	
13	Mon	
14	Tue	Bhogi
15	Wed	Pongal
16	Thu	Thiruvalluvar Day
17	Fri	Uzhavar Day
18	Sat	
19	Sun	
20	Mon	
21	Tue	
22	Wed	
23	Thu	
24	Fri	
25	Sat	Holiday
26	Sun	Republic Day
27	Mon	
28	Tue	
29	Wed	
30	Thu	
31	Fri	

FEBRUARY 2020

Date	Day	Programme
1	Sat	
2	Sun	
3	Mon	
4	Tue	
5	Wed	II, III & IV Year - Test I (Tentative)
6	Thu	II, III & IV Year - Test I
7	Fri	II, III & IV Year - Test I
8	Sat	Holiday
9	Sun	
10	Mon	
11	Tue	
12	Wed	
13	Thu	
14	Fri	
15	Sat	
16	Sun	
17	Mon	
18	Tue	
19	Wed	
20	Thu	
21	Fri	
22	Sat	Holiday
23	Sun	
24	Mon	
25	Tue	
26	Wed	
27	Thu	
28	Fri	
29	Sat	

MARCH 2020

Date	Day	Programme
1	Sun	
2	Mon	II, III & IV Year - Test II ; I Year - Test I (Tentative)
3	Tue	II, III & IV Year - Test II ; I Year - Test I
4	Wed	II, III & IV Year - Test II ; I Year - Test I
5	Thu	
6	Fri	
7	Sat	
8	Sun	
9	Mon	
10	Tue	
11	Wed	
12	Thu	
13	Fri	
14	Sat	Holiday
15	Sun	
16	Mon	
17	Tue	
18	Wed	
19	Thu	
20	Fri	
21	Sat	
22	Sun	
23	Mon	
24	Tue	
25	Wed	Telugu New Year
26	Thu	
27	Fri	
28	Sat	Holiday
29	Sun	
30	Mon	II, III & IV Year - Test III ; I Year - Test II (Tentative)
31	Tue	II, III & IV Year - Test III ; I Year - Test II

APRIL 2020

Date	Day	Programme
1	Wed	II, III & IV Year - Test III ; I Year - Test II
2	Thu	
3	Fri	
4	Sat	
5	Sun	
6	Mon	Mahavir Jayanthi
7	Tue	
8	Wed	
9	Thu	
10	Fri	Good Friday
11	Sat	Holiday
12	Sun	
13	Mon	
14	Tue	Tamil NewYear
15	Wed	
16	Thu	
17	Fri	
18	Sat	
19	Sun	
20	Mon	I Year - Test III (Tentative)
21	Tue	I Year - Test III
22	Wed	I Year - Test III
23	Thu	
24	Fri	
25	Sat	Holiday
26	Sun	
27	Mon	
28	Tue	
29	Wed	
30	Thu	

MAY 2020

Date	Day	Programme
1	Fri	May Day
2	Sat	
3	Sun	
4	Mon	
5	Tue	
6	Wed	
7	Thu	
8	Fri	
9	Sat	Holiday
10	Sun	
11	Mon	
12	Tue	
13	Wed	
14	Thu	
15	Fri	
16	Sat	
17	Sun	
18	Mon	
19	Tue	
20	Wed	
21	Thu	
22	Fri	
23	Sat	Holiday
24	Sun	Ramzan
25	Mon	
26	Tue	
27	Wed	
28	Thu	
29	Fri	
30	Sat	
31	Sun	

25. TIME TABLE

Period	I	II	BREAK 10.45 - 11.05		III	IV	LUNCH BREAK 1.05 - 1.45				V	VI	VII
DAY	8.45 - 9.45	9.45 - 10.45			11.05 - 12.05	12.05 - 1.05					1.45 - 2.45	2.45 - 3.45	3.45 - 4.45
MON													
TUE													
WED													
THU													
FRI													
SAT													