



NEC

Bulletin
2022 - 2023



NATIONAL ENGINEERING COLLEGE

(An Autonomous Institution, Affiliated to Anna University, Chennai)

K.R.NAGAR, KOVILPATTI - 628 503.

தமிழ்த்தாய் வாழ்த்து

நீராரும் கடலுடுத்த நிலமடந்தைக் கெழிலொழுகும்
சீராரும் வதனமெனத் திகழ்பரதக் கண்டமிதில்
தெக்கணமும் அதிர்சிறந்த திராவிடநல் திருநாடும்
தக்கசிறு பிறைநுதலும் தரித்தநறுந் திலகமுமே!
அத்திலக வாசனைபோல் அனைத்துலகும் இன்பமுற
எத்திசையும் புகழ்மணக்க இருந்தபெருந் தமிழணங்கே! தமிழணங்கே!
உன் சீரிளமைத் திறம்வியந்து
செயல் மறந்து வாழ்த்துதுமே!
வாழ்த்துதுமே!
வாழ்த்துதுமே!

- "மனோன்மனீயம்" பெ.சுந்தரம்பிள்ளை

STUDENTS' PLEDGE

India is my country, all Indians are my brothers and sisters. I love my country. I am proud of its rich and varied heritage. I shall always strive to be worthy of it. I shall give my parents, teachers and all elders respect and treat everyone with courtesy.

To my country and my people, I pledge my devotion. In their well being and prosperity alone lies my happiness.

PERSONAL MEMORANDUM

Name :
Roll No. :
Year / Branch / Section :
Date of Birth :
Name of Parent / Guardian :
Permanent Address :
:
:
:
Phone No. :
Hosteller / Dayscholar :
Room No./Hostel :
University Examination Register No. :
E-mail Address :
Blood Group :
Any other Information :
:

Code of Conduct

‘Manners maketh a man’. The aim of education is not merely acquisition of knowledge, but also the development of character. Hence educational institutions have great responsibility of developing the holistic personality of the students. Students of the Engineering College should realise that they belong to a privileged class among the student community. Hence, they are expected to display self-imposed discipline and exemplary character. They are expected to abide by the below mentioned regulations and code of conduct which are primarily designed to channelise their potential for moulding them into good citizens.

- ❖ Students are expected to be courteous in speech and action while communicating with their staff and fellow students.
- ❖ They should follow the proper dress code and should maintain good manner. They should wear the lab coats while attending the laboratory classes and workshops.
- ❖ Students should maintain dignity and decorum inside the college premises.
- ❖ Students should not indulge in any form of misconduct such as, the act of discrimination (Based on Individual’s Gender, Caste & Religious beliefs) and intentionally damaging or destroying Institute property
- ❖ Students should act in a way that highlights the discipline and esteem of the college while he/she is on and off campus.
- ❖ Ragging is strictly prohibited inside the campus.
- ❖ The genuine grievance of the students should be amicably settled only by peaceful negotiations with the authorities concerned.

- ❖ Disobedience, malpractice during Examinations, bad conduct and non-observance of the rules of the college shall be met with strong disciplinary action.

National Engineering College

Managing Committee

- 01. Tmt. Chennammal Ramasamy : Chairman
- 02. Thiru. K.R. Krishnamoorthy : Vice Chairman
- 03. Thiru. K.R. Arunachalam : Correspondent
- 04. Thiru. C. Sankaranarayanan : Secretary
- 05. Tmt.K.Vijayalakshmi : Member
- 06. Tmt.A.Chennammal : Member
- 07. Selvi.A.Shanmathi : Member
- 08. Selvan.A.Niteesh Ram : Member

Governing Board

- 01. Tmt. Chennammal Ramasamy : Chairman
M.Duraisampuram
Nalattinuthur - 628 716
- 02. Thiru. K.R. Krishnamoorthy : Member (Management)
M.Duraisampuram
Nalattinuthur - 628 716
- 03. Thiru. K.R. Arunachalam : Member (Management)
M.Duraisampuram
Nalattinuthur - 628 716
- 04. Thiru. C.Sankaranarayanan : Member (Management)
Pazhankottai, Sankarankovil Tk.
Tirunelveli Dt.

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- | | | |
|-----|--|---|
| 05. | Selvi.A.Shanmathi
M.Duraisampuram
Nalattinpathur - 628 716 | : Member (Management) |
| 06. | Selvan.A.Niteesh Ram
M.Duraisampuram
Nalattinpathur - 628 716 | : Member (Management) |
| 07. | Prof.M.R.Bhagwan Singh
Professor, Mech. Engg.(Retd.)
B.M.S. College of Engineering
Bull Temple Road, Basavangudi,
Bengaluru - 560019 | : UGC Nominee |
| 08. | Dr.S.Sidharthan
Professor
Dept. of Civil Engineering
Govt. College of Engineering,
Tirunelveli - 627 007 | : DOTE Nominee |
| 09. | Dr.M.Vijayaraj
Professor
Dept. of Electronics and Comm. Engg.
Govt. College of Engineering,
Trivandrum Road, Tirunelveli-627007 | : University Nominee |
| 10. | Mr.L.S.Manivannan
Managing Director
L.S.Mills Ltd., Post Box. 12.
Madurai Road, Theni-625531 | : External Member (Industrialist,
Nominee of Management) |
| 11. | Dr. S.Shanmugavel
Director
National Engineering College,
K.R. Nagar, Kovilpatti | : Member |
| 12. | Dr.M.A.Neelakantan
Sr. Dean (I & FA)
National Engineering College,
K.R. Nagar, Kovilpatti | : Member
(Faculty nominated by the
Principal) |
| 11. | Dr. A.Shenbagavalli
Prof. & Head
Dept. of Electronics and Comm. Engg.
National Engineering College,
K.R. Nagar, Kovilpatti | : Member
(Faculty nominated by the
Principal) |
| 12. | Dr. K.Kalidasa Murugavel
Principal
National Engineering College,
K.R. Nagar, Kovilpatti | : Member Secretary
(Ex-Officio) |
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National Engineering College

(An Autonomous Institution, Affiliated to Anna University, Chennai)

K.R.Nagar, Kovilpatti - 628 503

VISION

Transforming lives through quality education and research with human values.

MISSION

- ✧ To maintain excellent infrastructure and highly qualified and dedicated faculty.
- ✧ To provide a conducive learning environment with an ambience of humanity, wisdom, creativity and team spirit.
- ✧ To promote the values of ethical behaviour and commitment to the society.
- ✧ To partner with academic, industrial and government entities to attain collaborative research.

➔ A Brief History of the College

The College is set amidst sylvan surroundings against the backdrop of the Western Ghats. It has an excellent rural landscape and is far from the madding crowd. It provides an ideal atmosphere for academic pursuits. The college came into being in 1984, duly sanctioned under the self-financing scheme under the Government of Tamil Nadu. During the past **Thirty Nine years**, the college has grown and expanded in a phenomenal way. Today it offers seven undergraduate courses and five postgraduate courses and the college is affiliated to Anna University. From the academic year 2011, the college has attained its autonomous status. It is approved by All India Council for Technical Education, New Delhi and is an institutional member of the Indian Society for Technical Education.

❑ Location

National Engineering College is situated in a 163 acre campus on the National Highway (NH-44) between Kovilpatti and Tirunelveli, 4 km South of Kovilpatti and it has an easy accessibility either by road or rail. The Institution is 100 kms from Madurai and 489 kms from Chennai. Madurai is the nearest airport.

❑ Courses Offered

The College presently offers the following courses.

A) *B.E. degree Course in*

- ⌚ Mechanical Engineering
- ⌚ Electronics & Communication Engineering
- ⌚ Computer Science and Engineering
- ⌚ Electrical & Electronics Engineering
- ⌚ Civil Engineering

B) *B.Tech. degree Course in*

- ⌚ Information Technology
- ⌚ Artificial Intelligence and Data Science

C) *PG degree Course in*

- ⌚ Energy Engineering (M.E.)
- ⌚ Computer Science and Engineering (M.E.)
- ⌚ High Voltage Engineering (M.E.)
- ⌚ Embedded Systems Technologies (M.E.)
- ⌚ Information Technology (Information & Cyber Warfare)(M.Tech)

All the eligible UG courses are accredited by National Board of Accreditation(NBA) - Tier-I. The institution is listed in 169th position under NIRF ranking and accredited by National Assessment and Accreditation Council with 'A' grade effect from 2022 for 5 years.

DIRECTOR**Dr.S.Shanmugavel**, B.Sc., D.M.I.T., Ph.D.,**PRINCIPAL****Dr.K.Kalidasa Murugavel**, M.E., Ph.D.,**Sr.Dean (I&FA) and (R&D)****Dr.M.A.Neelakantan**, M.Sc., M.Phil., B.Ed., Ph.D.,**Dean(Academic)****Dr.S.Tamilselvi**, M.E., Ph.D.,**Dean(TCP)****Dr.K.G.Srinivasagan**, M.E., Ph.D.,**Dean(Innovation & Entrepreneurship)****Dr.K.Manisekar**, M.E., Ph.D.,**CONTROLLER OF EXAMINATIONS****Dr.D.Manimegalai**, M.E., Ph.D.,**Department of Mechanical Engineering****Teaching**

Dr.K.Manisekar	M.E., Ph.D.,	Prof. & Head
Dr.S.Iyahraja	M.Tech., Ph.D.,	Prof.
Dr.D.Venkat Kumar	M.E., Ph.D.,	Prof.
Dr.R.Harichandran	M.E., Ph.D.,	Prof.
Dr.M.Kathiresan	M.E., Ph.D.,	Asso. Prof.
Dr.P.Ramanan	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.I.Sankar	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.D.Vignesh Kumar	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.F.Michael Thomas Rex	M.E., Ph.D.,	Asst. Prof. (SG)
Mr.R.Vijayakumar	M.E.,	Asst. Prof. (SG)
Mr.R.Vigneshkumar	M.E.,	Asst. Prof. (SG)
Dr.A.Arul Marcel Moshi	M.E., Ph.D.,	Asst. Prof. (SG)
Mr.B.Prince Abraham	M.E.,	Asst. Prof.
Mr.S.R.Sundara Bharathi	M.E.,	Asst. Prof.
Mr.A.Andrews	M.E.,	Asst. Prof.
Mr.K.Sudalaiyandi	M.E.,	Asst. Prof.
Mr.R.Jayavenkatesh	M.E.,	Asst. Prof.
Mr.K.Thoufiq Mohammed	M.E.,	Asst. Prof.
Mr.N.Muthu Saravanan	M.E.,	Asst. Prof.
Mr.C.Veera Ajay	M.E.,	Asst. Prof.
Dr.W.Beno Wincy	M.E., Ph.D.,	Asst. Prof.
Mr.K.Pradeepraj	M.E.,	Asst. Prof.
Mr.M.Vivekanandan	M.E., (CAD, CAM)	Adjunct Faculty

Mr.S.S.Ananthan	B.E., M.Sc., (Engg.)	Adjunct Faculty
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Humanities

Dr. T.Sakthi	M.Com.,M.Phil.,Ph.D.,	Asst. Prof.(SG)
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Non-Teaching

Mr.C.Rathakrishnan	ITI	Turner
Mr.A.Marimuthu	ITI	Plumber
Mr.M.Ponmadasamy	ITI	Black Smith
Mr.S.Tamilselvan	ITI	Moulder
Mr.M.Manikandan	ITI	Fitter
Mr.R.Sathiskumar Raja	DME	Lab.Technician
Mr.S.Senthilkumar	DME	Lab.Technician
Mr.J.Kandasamy	MCA	Asst. Programmer
Mr.S.Balasubramani	ITI	Welder
Mr.A.Arumugam	ITI	Machinist
Mr.Palraj.S	MCA	Dept. Asst.
Mr.R.Jayaraman	H.Sc.,	Welder

Department of Electronics and Communication Engineering**Teaching**

Dr.A.Shenbagavalli	M.E., Ph.D.,	Prof. & Head
Dr.S.Tamilselvi	M.E., Ph.D.,	Prof./Dean(Academic)
Dr.V.Vijayarangan	M.E., Ph.D.,	Prof.
Dr.T.S.Arun Samuel	M.E., Ph.D.,	Prof.
Dr.V.R.S.Mani	M.E., Ph.D.,	Asso. Prof.(SG)
Dr.N.Arumugam	M.E., Ph.D.,	Asso. Prof.
Dr.V.Suresh	M.E., Ph.D.,	Asso. Prof.
Mr.T.Devakumar	M.E.,	Asst. Prof. (SG)
Dr.T.Vijayanandh	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.K.J.Prasanna Venkatesan	M.E., Ph.D.,	Asso. Prof.
Dr.A.Saravana Selvan	M.E., Ph.D.,	Asst. Prof. (SG)
Mr.S.Cammillus	M.E.,	Asst. Prof. (SG)
Dr.C.Balamurugan	M.E.,	Asst. Prof. (SG)
Mr.K.Subramanian	M.E.,	Asst. Prof. (SG)
Dr.R.Manjula Devi	M.E.,	Asst. Prof. (SG)
Mr.B.Ganapathy Ram	M.E.,	Asst. Prof. (SG)
Mr.M.Sathish Kumar	M.E.,	Asst. Prof. (SG)
Ms.C.Asha Beaula	M.E.,	Asst. Prof.
Ms.S.Karthika	M.E.,	Asst. Prof.
Mr.I.Vivek Anand	M.E.,	Asst. Prof. (SG)
Ms.J.E.Jeyanthi	M.E.,	Asst. Prof.
Ms.S.Malathi	M.E.,	Asst. Prof.
Ms.C.Kalieswari	M.E.,	Asst. Prof.
Dr.I.Paulkani	M.E., Ph.D.,	Asst. Prof.
Mr.M.Vignesh	M.E.,	Asst. Prof.
Ms.A.Apsara	M.E.,	Asst. Prof.

Ms.P.Arishenbagam @ Ariyammal	M.E.,	Asst. Prof.
Mr.S.Sundar Rajan	M.E.,	Asst. Prof.
Ms.C.Lakshmi	M.E.,	Asst. Prof.
Mr.C.Rajkumar	M.S.,	Adjunct Faculty
Mr.V.Arun Janarthanan	M.E.,	Adjunct Faculty

Non-Teaching

Mr.M.Boominathan	B.E.,	Lab. Technician
Mr.K.Angu Raj	D.E.C.E.,	Lab. Technician
Ms.V.Sudha @ Jegathambal	D.E.C.E.,	Lab. Technician
Mr.G.Rathinavel Pandian	B.Sc.,	Lab. Technician
Ms.S.Bairavi	B.B.M.,	Dept. Asst.
Mr.K.Balamurugan		Attender

Department of Computer Science and Engineering

Teaching

Dr.V.Gomathi	M.Tech., Ph.D.,	Prof./HOD
Dr.D.Manimegalai	M.E., Ph.D.,	Prof./ COE
Dr.V.Kalaivani	M.E., Ph.D.,	Prof./HOD(AI&DS)
Dr.K.Mohaideen Pitchai	M.E., Ph.D.,	Prof.
Dr.S.Kalaiselvi	M.E., Ph.D.,	Asso. Prof.
Dr.J.Naskath	M.E., Ph.D.,	Asst. Prof.(SG)
Dr.G.Sivakama Sundari	M.E., Ph.D.,	Asst. Prof.(SG)
Dr.R.Rajakumari	M.E.,	Asst. Prof.(SG)
Mr.D.Vijayakumar	M.S.,	Asst. Prof.(SG)
Dr.G.R.Hema Lakshmi	M.Tech.,	Asst. Prof.(SG)
Dr.B.Shunmugapriya	M.E.,	Asst. Prof.(SG)
Dr.S.Dheenathayalan	M.E., Ph.D.,	Asst. Prof.(SG)
Mr.A.Shenbagaraman	M.E.,	Asst. Prof.
Mr.K.Rajkumar	M.E.,	Asst. Prof.
Ms.D.Thamarai Selvi	M.E.,	Asst. Prof.
Mr.S.Rajesh Kumar	M.E.,	Asst. Prof.
Ms.M.Kanthimathi	M.E.,	Asst. Prof.
Ms.R.K.Aishwaryalakshmi	M.E.,	Asst. Prof.
Ms.D.Abisha	M.E.,	Asst. Prof.
Mr.J.Karthikeyan	M.E.,	Asst. Prof.
Dr.M.Syed Rabiya	M.E., Ph.D.,	Asst. Prof.
Ms.P.Abitha	M.E.,	Asst. Prof.
Ms.V.Veera Anusuya	M.E.,	Asst. Prof.
Ms.P.Priyadharshini	M.E.,	Asst. Prof.
Ms.R.Vazhan Arul Santhiya	M.E.,	Asst. Prof.
Ms.K.B.Mira	M.E.,	Asst. Prof.
Ms.R.Navetha Evanjaline	M.E.,	Asst. Prof.
Ms.A.Lincy	M.E.,	Asst. Prof.

Dr.J.Ida Christy	M.E., Ph.D.,	Asst. Prof.
Mr.Somu Chockalingam	M.E.,	Adjunct Faculty
Mr.V.Manikanda Raman	B.E., PGDBA	Adjunct Faculty

Non - Teaching

Mrs.G.Meenalosani	M.C.A.,	Sys.Programmer
Ms.S.Mano Sangeetha	B.E.,	Sr. Lab.Technician
Ms.P.Ranjitha	B.Sc.,	Lab.Technician
Mr.K.G.Shankar	B.C.A.,	Dept.Assistant

Department of Electrical and Electronics Engineering**Teaching**

Dr.M.Willjuice Iruthayarajan	M.E., Ph.D.,	Prof. & Head
Dr.L.Kalaivani	M.E., Ph.D.,	Professor
Dr.R. V.Maheswari	M.E., Ph.D.,	Professor
Dr.N.B.Prakash	M.E., Ph.D.,	Professor
Dr.M.P.E.Rajamani	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.S.Sankara Kumar	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.M.Bakruthen	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.B.Vigneshwaran	M.E., Ph.D.,	Asst. Prof. (SG)
Mr.B.Venkatasamy	M.E.,	Asst. Prof. (SG)
Mr.M.Gengaraj	M.E.,	Asst. Prof. (SG)
Mr.P.Samuel Pakianathan	M.E.,	Asst. Prof.
Mr.M.Sivapalanirajan	M.E.,	Asst. Prof.
Mr.K.Kumar	M.E.,	Asst. Prof.
Mr.F.Antony Jeffrey Vaz	M.E.,	Asst. Prof.
Mr.K.Karthik Kumar	M.E.,	Asst. Prof.
Mr.N.B.Rajesh	M.E.,	Asst. Prof.
Dr.S.Dharmalingam	M.E., Ph.D.,	Adjunct Faculty

Non -Teaching

Mr.S.Alagesan	D.E.E.E.,	Lab.Technician
Mr.S.Ponmariappan	D.E.C.E.	Lab.Technician
Ms.M.Swetha	B.Sc.,	Dept. Asst.
Mr.S.Selvakumar	H.Sc.	Attender

Department of Information Technology**Teaching**

Dr.K.G.Srinivasagan	M.E., Ph.D.,	Prof., & Head
Dr.B.Paramasivan	M.E., Ph.D.,	Professor
Dr.R.Muthukkumar	M.E., Ph.D.,	Professor
Dr.L.Jerart Julius	M.E., Ph.D.,	Asso. Prof.
Dr.S.Chidambaram	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.S.Rajagopal	M.E., Ph.D.,	Asst. Prof. (SG)

"The best way out is always through" Robert Frost

Mr.V.Manimaran	M.E.,	Asst. Prof. (SG)
Ms.V.Anitha	M.E.,	Asst. Prof.
Mrs.N.Gowthami	M.E.,	Asst. Prof.
Mrs.R.Priyadharshini	M.Tech.,	Asst. Prof.
Mrs.M.Manimegalai	M.E.,	Asst. Prof.
Mrs.S.Santhi	M.E.,	Asst. Prof.
Mr.P.G.Siva Sharma Karthick	M.E.,	Asst. Prof.
Ms.Muthu Priya @ Hamsadvani	M.E.,	Asst. Prof.
Mrs.G.Ramya	M.E.,	Asst. Prof.
Mr.S.Rajendran	M.Tech.,	Adjunct Faculty

Non - Teaching

Mrs.A.Shunmugam	D.C.Tech.,	Lab. Technician
Mr.R.Krishnamoorthy	D.C.Tech.,	Lab. Technician
Mrs.A.Anitha	M.Com.,	Dept. Asst.
Mr.T.Paulraj	B.Com.(CA)	Attender

Department of Civil Engineering

Teaching

Dr.C.Puthiyasekar	M.E.,Ph.D.,	Prof. & Head
Dr.C.Chella Gifta	M.E., Ph.D.,	Asso. Prof.
Dr.V.Kannan	M.E., Ph.D.,	Asso. Prof.
Mr.S.Danielraj	M.E.,	Asst. Prof.
Mr.M.Franchis David	M.E.,	Asst. Prof.
Ms.M.Balamaheswari	M.E.,	Asst. Prof.
Mr.V.Arulpandian	M.E.,	Asst. Prof.
Mr.S.M.Murali Ram Kumar	M.E.,	Asst. Prof.
Mr.B.Gowtham	M.E.,	Asst. Prof.
Mr.S.Kannan	M.E.,	Asst. Prof.
Mr.C.Gurumoorthy	M.E.,	Asst. Prof.
Ms.S.Bhuvaneshwari	M.E.,	Asst. Prof.
Mr.A.Darral Alfred	M.E.,	Asst. Prof.
Mr.P.Kasirajan	M.E.,	Asst. Prof.
Mr.T.Ragavan	M.E.,	Adjunct Faculty

Non-Teaching

Mr.A.Murugan	D.C.E.,	Lab Technician
Mr.M.Kaliraj	D.C.E.,	Lab Technician

Department of Science & Humanities

Teaching

Dr.M.A.Neelakantan	M.Sc., M.Phil., B.Ed., Ph.D.,	Prof. & HOD/S&H,
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English

Mr.S.Subash	M.A.,M.Phil.,B.Ed.,PGDCME.,PGDELT.,	Asst. Prof.
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Ms.S.Thangam	M.A.,	Asst. Prof.
Ms.S.Kaniselvi	M.A., M.Phil.,	Asst. Prof.
Ms.N.Vidhya	M.A.,	Asst. Prof.
Ms.S.Gopiga Devi	M.A.,	Asst. Prof.

Mathematics

Dr.S.Rammurthy	M.Sc.,M.Phil.,Ph.D.,	Professor
Dr.M.A.Perumal	M.Sc.,M.Phil.,Ph.D.,	Asso. Prof. (SG)
Dr.S.Geetha	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof. (SG)
Mrs.S.Rajeswari	M.Sc.,M.Phil.,	Asst. Prof.
Mrs.S.Sasireka	M.Sc.,M.Phil.,	Asst. Prof.
Mrs.M.Annapoopathi	M.Sc.,M.Phil.,	Asst. Prof.
Mr.M.Arul	M.Sc.,M.Phil.,B.Ed.,	Asst. Prof.
Mrs.S.S.Basitha Parveen	M.Sc.,M.Phil.,	Asst. Prof.
Mrs.S.Karpaga Selvi	M.Sc.,M.Phil.	Asst. Prof.
Mr.N.Sivanandhan	M.Sc.,M.Phil.,SET	Asst. Prof.
Ms.P.Mala	M.Sc.,M.Phil.,SET	Asst. Prof.
Dr.T.Arjun	M.Sc.,M.Phil.Ph.D.,	Asst. Prof.

Physics

Dr.A.Nichelson	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.
Dr.A.Panimaya Valan Rakkini	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.
Dr.V.Ramasubbu	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.
Dr.M.Ganapathy	M.Sc.,Ph.D.,	Asst. Prof.
Dr.M.Aravind	M.Sc.,Ph.D.,	Asst. Prof.
Dr.H.Bhoomeswaran	M.Sc.,Ph.D.,	Asst. Prof.

Chemistry

Dr.S.Thalamuthu	M.Sc.,M.Phil.,Ph.D.,	Asso. Prof
Dr.E.Ramachandran	M.Sc., Ph.D.,	Asst. Prof.(SG)
Mr.V.Saravanapperumal	M.Sc.,M.Phil., B.Ed.,	Asst. Prof.
Dr.S.Chithirai kumar	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.
Mr.J.Thamba	M.Sc.,M.Phil.,	Asst. Prof.
Dr.B.Annaraj	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.

Non-Teaching

Mr.C.Maharaja	B.Sc.,	Lab.Asst.
Mrs.K.Shenbagavalli	B.Com.,	Dept. Asst.
Mrs.S.Renuka Devi	B.Com.,	Dept. Asst.
Mrs.J.Kala	H.Sc.,,	Office Asst.

Soft Skill Trainer

Ms.S.Jeba	M.B.A.,
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Physical Education

Mr.K.Raghu	B.A.,M.P.Ed., NIS	Physical Director
Ms.S.Geetha	B.Sc.,M.P.Ed.,	Physical Directress
Mr.T.Sivanesa Selvaraja Pandian	M.P.Ed., M.Phil.,	Hockey Coach
Mr.K.Jayapal	SSLC	Marker

Library

Dr.K.Karunai Raghavan	M.Com.,M.LI.Sc.,M.Phil.,PGDCA.,Ph.D.,	Librarian
Mr.T.Rajan	B.A.,M.LI.Sc.,M.Phil.,	Asst. Librarian
Mr.A.Amose Alwin	B.A.,M.LI.Sc.,	Asst. Librarian
Mr.L.Parthirakaliappan	B.Com.,	Assistant
Ms.S.Rajalakshmi	B.Com.,B.LI.Sc.,	Library Asst.
Mr.S.Mohamed Raffiq	B.Sc.,M.LI.Sc.,	Library Asst.
Mr.S.Avinash	B.Com.,B.LI.Sc.,	Library Asst.

Administrative Office

Mr.P.Jeevanandham	B.Com.,	Admn. Manager
Mr.S.Prabakaran	M.L.M., B.L.,	Manager - HR
Mr.R.Yogesh	M.C.A., M.E.,	PA to Principal
Mr.A.Sankaranarayanan	B.A.,	Manager
Mr.M.Ramasubramanian	B.A.,	Manager
Mr.V.Balakrishnan	B.Sc.,	Lab Technician
Mrs.P.Suguna Devi	B.E.,	System Programmer
Mr.K.Gopikrishnan	B.E.,	Sr. Lab. Technician
Mr.C.Soundara Pandian	M.C.A.,	Assistant
Ms.G.Chitra Devi	B.Com.,	Receptionist
Mr.N.Subramanian	SSLC	Off.Asst.
Mr.S.Shanmugaraj	SSLC	Attender
Mr.V.Kumar		Attender

Business Incubator Cell

Dr.G.Vinoth	B.E.,M.S.,Ph.D.,	TBI-Chief Executive officer
Ms.R.Cherma Sakthi	M.Com.,	Asst./Dean Academic

Store

Mrs.Pandi Rani	B.Com.,	Assistant
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Mechanical Maintenance

(Estate Office, RO System, Furniture, Fire & Safety, Water Management & Plumbing, Sewage treatment System, Gardening)

Mr.R.Ramakrishnan Maintenance Engr.

Estate Office

Mr.K.Narayanan Supervisor

Mr.P.Ravichandran Technician

Operation and Maintenance of RO Plants

Mr.A.Marimuthu Technician

Mr.S.Tamilselvan Technician

Furniture & Fire and Safety

Mr.V.Murugesan Assistant

Water Management and Plumbing

Mr.M.Gurusamy Plumber cum Supervisor

Mr.P.Shenbagaraj Driver

Mr.K.Chinna Madasamy Driver

Mr.R.Ramamoorthy Driver

Mr.B.Pandi JCB Driver

Operation and Maintenance of Sewage Treatment Plant

Mr.Geministar Gardener

Garden Maintenance

Mr.A.Alagu Ramalingam Supervisor

Electrical Maintenance

(Electrical, Networking, System & Peripherals, Intercom, Public Addressing System, CCTV & AC Systems)

Mr.R.Purushothaman, B.E., M.I.E., Sr. Executive (Electrical)

Electrical - Power System

Mr.M.Petchimuthu D.E.E.E., Asst.Electrical Engr.

Mr.K.Subburaj ITI Lab. Assistant

Mr.M.Ayyasamy ITI Electrician

Mr.M.Ramesh D.E.E.E., Electrician

Mr.M.Karuppasamy ITI Electrician

Mr.P.Muthukkumar ITI Electrician

Mr.M.Petchiappan @ Babu D.E.E.E., Electrician

Mr.V.R.Venkatesh ITI Electrician

Internet, Software, Server and Website

Mr.S.Solaisamy M.C.A., M.E., Sr. System Programmer

"Innovation distinguishes between a leader and a follower" Steve Jobs

System, Peripherals and UPS

Mr.G.Mariappan	M.C.A., M.Tech.,	System Analyst
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Intercom, Public Addressing Systems & CCTV

Mr.G.Ganapathy	B.E.,	Lab. Technician
Mr.C.Velayutharajan	ITI	Tradesman

AC Systems

Mr.C.Thangamari	ITI	AC Mechanic
Mr.P.Madhukumar	ITI	AC Mechanic

ERP Center

Mr.Y.Jerold Jaikins	M.Sc., M.Phil.,	Sys.Programmer
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Transport

Mr.V.Alagar Ramanujam	Asst. Transport Manager
Mr.M.Mahendren	Driver
Mr.K.Gurunathan	Driver
Mr.C.Kanagaraj	Driver
Mr.C.Balamurugan	Driver
Mr.S.Bharathiyar	Driver
Mr.C.Venkatesh	Driver
Mr.S.Ganesan	Driver
Mr.M.Marudhu Pandi	Driver
Mr.C.Madasamy	Driver
Mr.M.Selvaraj	Driver
Mr.S.Shenbagaraj	Driver
Mr.S.Muthuselvam	Driver
Mr.M.Munisamy	Driver
Mr.G.Veeraputhiran	Driver
Mr.S.Muthusamy	Driver
Mr.M.Paulraj	Driver
Mr.A.Muthsamy	Driver
Mr.K.Muthsamy	Driver
Mr.K.Ganesan	Driver
Mr.A.Balakrishnan	Driver
Mr.R.Ravichandran	Driver
Mr.S.Sundararajan	Driver
Mr.V.Seenivasan	Driver
Mr.G.Venkatesh	Driver
Mr.C.Muniyasamy	Driver

Security Office

Mr.M.Ravichandran	Security Officer
Mr.M.Paulraj	Security
Mr.M.Kathiresan	Security
Mr.R.Thirupathi	Security
Mr.K.P.Thangavel	Security
Mr.V.Vijayakumar	Security
Mr.K.Lakshmanan	Security
Mr.K.Venkataraman	Security
Mr.C.Devadoss	Security
Mr.G.Ramaraj	Security
Mr.M.Paulraj	Watchman
Mr.V.Natarajan	Watchman
Mr.V.Velu	Watchman
Mr.P.Chella Samy	Watchman
Mr.A.Inbaraj	Watchman
Mr.S.Kaliappan	Watchman

ADMINISTRATION

The day-to-day administration of the institution is carried out by the Principal in consultation with the Director, the Chairman, and the Correspondent of the College.

DURATION OF THE COURSE

The course for the Degree of Bachelor of Engineering and Bachelor of Technology shall extend over a period of four academic years (Eight Consecutive Semesters). The course for the Master of Engineering shall extend over a period of two academic years (four consecutive semesters).

Each semester normally consists of 90 working days or 450 hours or 540 periods of 50 minutes each.

ELIGIBILITY FOR THE DEGREE

A candidate shall be eligible for the Degree if he/she has satisfactorily undergone the above period and has passed the prescribed examinations in the respective semesters.

REGULATIONS FOR THE PAYMENT OF FEE

The tuition fee for each year should be paid on or before the due date. Defaulters will have to pay the late fee along with the Tuition fees. If the fees is not paid on or before the due date of the odd semester, the names of such defaulters will be removed from the ERP for attendance. Such students in case of readmission should pay a readmission fee of Rs. 500/- along with the arrears fee and late fee.

A student will have to pay the fees for the whole year if his/her name was on the roll and attendance recorded during any part of the semester.

All fees should be paid through online process using **ERP** (by visiting College website) and by demand draft in the case of awaiting bank loan.

ATTENDANCE

- Every student is expected to attend classes regularly and punctually.
- Students are not permitted to absent themselves from classes without getting prior permission/leave.
- Leave application should be submitted in the prescribed form to the Principal through the tutor concerned.

"Starve your distractions, feed your focus"

- In all cases where the need for leave can be foreseen, leave should be obtained in advance. In case of emergency or unforeseen circumstances as in the case of illness, leave application should be submitted on the day of attending.
- The Principal may call for a medical certificate in support of an application for leave on grounds of illness.
- The minimum attendance prescribed by the University for admission to University End Semester Examination is 75%. The student is expected to secure not less than 75% attendance in each course in that semester.

IDENTITY CARD

Every student is given a smartcard carrying his/her photograph and contact details on it. They should keep their smartcard with them whenever they are within the college premises and produce it whenever they are asked for. Smartcards are given to both staff members and students.

CENTRAL LIBRARY

- Central Library acts as a knowledge hub for the academic activities of our Institution with a mission to provide a knowledge gateway to the user community with state-of-the-art technologies. Web-based Library Integrated Automation facilitates fully automated library system and services including e-Gate, Circulation, web OPAC etc.
- The Central Library provides excellent library facilities for all the students, faculty members and research scholars such as books, proper seating and reading facility, proper arrangements and classification of books & journals, an attractive fully air-conditioned modern separate Library building with high-speed wi-fi connectivity etc.
- Open Access System is followed. In addition to the well-stocked departmental Library, each department has its Library to facilitate easy access for the Faculty, Students & Research Scholars.
- The Central Library has a rich collection of **62215** volumes of books and **24845** titles, **1078** reference books, **3319** book-bank books, **5522** Project reports, **3476** Back volumes, **3372** CDs and **21** Newspapers (both English & Tamil), **107** National Journals and Technical Magazines, **538** IEEE & Science Direct online journals, **6567** EBSCO Engineering e-Books and Institutional members of

DELNET, NDLI Club, N-LIST and e-Shodh Sindhu etc. The users can have remote access in multiple e-resources within a federated single sign-on framework. The e-resources are available at <https://idp.nec.edu.in>.

.Unique Features of Central Library

- **Book stocking section** has the collection of text and reference books as prescribed in the syllabus and also relevant books.
- In the **Periodical Section**, peer reviewed National Journals and Technical Magazines are available and kept in printed form.
- **Reference Section** has Reference books, Dictionaries, Encyclopedias, Directories, Exam Guides, Standards, Manuals, Handbooks, Proceedings and collection of University & Autonomous question paper booklets.
- The **Circulation Section** is fully computerized with bar-coded circulation service (Issue, Return and Renewal of library documents).
- Back issue of journal are bounded every year and kept in **Back Volume Section** for reference purpose. Back volumes can also be borrowed by the users.
- **Automation:** InsPro Plus Integrated Library Management Software has fully automated for library services. InsPro Plus is web-based Library Automation software which facilitates automated library system and services including e-Gate Register, Circulation, web OPAC etc.
- **Web OPAC:** 'Web Online Public Access Catalogue' facilitates online search queries related to the availability of library resources viz. Books, Book-Bank books, Journals, CDs, back volumes and project reports. [URL - <https://erp.nec.edu.in/opac/>]
- **A.V.Hall** (Audio & Video Section) is used for organizing NPTEL programme, Spoken Tutorial Workshops, Seminars, Conference, Viva Voce exams and Readers Park activities.
- **Reprography** and printing facilities are available to the users.
- **Book-Bank Section** caters to the needs of students who avail the post-metric scholarship offered by the Government of India. The

eligible students can avail six books at a time. The books are issued for a period of one semester and to be returned at the end of the semester.

- Sufficient numbers of systems are available in the **e-Library** with Internet access facility to access the e-resources.

Readers Park

In view of encouraging our readers (users) and inculcating reading habits to our students community and also in embarking the personality skills, the Central Library has established a 'NEC Readers Park' in the year 2016. The main objective of this park is to encourage the users to read for pleasure, develop attitude, skills and also to promote library usage.

Quality Improvement Cell (QIC)

NEC Central Library established Quality Improvement Cell (QIC) under the guidelines of Anna University, Chennai through Quality Improvement Cell (QIC), the faculty members and students get benefitted by using various resources such as SWAYAM NPTEL, IIT Madras, FOSS Courses, Spoken Tutorial, IIT Bombay and other video courses etc for the continuous improvement in Teaching - Learning processes.

NPTEL Local Chapter

NEC is acting as a local chapter to conduct NPTEL exams whereas the candidates in an around kovilpatti get benefitted. The students and faculty members gain knowledge and upgrade themselves via NPTEL courses.

FOSS Courses, Spoken Tutorials, IIT Bombay

NEC is a nodal center for Free Open Source Software which provides audio video tutorials namely 'Spoken Tutorial'. This spoken tutorial project was developed by IIT to promote IT literacy.

Central Library General Rules

1. All the Staff and Students of NEC are members of our Library
2. Users must scan their ID card in the system kept at the entrance of the library to register their entry and exit time.
3. The books should be returned on or before the due date.
4. If a member lost a book, he should replace the book with the latest edition along with overdue charges.

"Heard melodies are sweet, but those unheard are sweeter" John Keats

5. If the book is not returned by the member, then triple the cost of the book will be collected from the concerned member.
6. Members are required to deposit their bags/belongings at the property counter.
7. Members are required to produce their Smart and Bar-Coded Membership ID Cards to the Security and Staff as and when asked for.
8. Other than library books, personal books and belongings, are not permitted inside the Library.
9. Silence is to be strictly maintained inside the library.
10. The books have to be left on the reading table itself after reading or referring.
11. Books will be lent to students only for a period of 15 days (Including Holidays).
12. The (final year) students should return all the books lent from the library to obtain No Dues Certificate.
13. Books returned after the due date will be charged an overdue of Rs. 1/- per day.
14. Books can be returned on all working days. Absence shall not be an excuse for any delay in returning the books.
15. Library books are to be used with utmost care and to be returned without any damage.
16. Damaged books shall not be accepted and it has to be properly replaced with a new book.
17. The Library is under surveillance with the aid of CCTV cameras.
18. Laptops are allowed inside the library for reference work.
19. Underlining, Scribbling and / or tearing of pages or any other type of mutilation of books and Journals etc., mishandling or misuse of computers are punishable.
20. Books and Journals are not allowed to be brought of the library without proper entry.
21. The competent authority will take necessary action against the users who violate the Library rules and regulations.

Working Hours

The Library is kept open throughout the year except on Government Holidays.

Weekdays : 08.30 A.M. to 07.30 P.M.

"Honesty is the first chapter in the book of wisdom" Thomas Jefferson

Sunday : 09.30 A.M. to 01.00 P.M.

Borrowing Facilities

U G Students	6 Books + 1 CD	15 days
P G Students	6 Books + 2 CDs	15 days
Research Scholars	6 Books + 2 CDs	15 days
H.O.Ds.	10 Books + 2 CDs	15 days
Teaching Staff	6 Books + 2 CDs	15 days
Non Teaching Staff	2 Book	15 days

For SC/ST students 6 books are issued separately from the book bank.

TUTOR SYSTEM

Every student will be under the care and guidance of a faculty who is appointed as his/her tutor. About 20 students will be assigned to each tutor who will also act as their local guardian and assist them in all matters of academic as well as other activities.

The tutor will maintain a record book for each of his/her ward. The record book will contain all information concerning the students' attendance, marks obtained in the university examinations, monthly tests, achievements if any in Curricular, Co-curricular and Extra-curricular activities, and disciplinary proceedings if any taken against the student.

Student counseling plays a vital role in a student's life. Hence the students are advised to meet their tutor frequently and discuss their problems freely with them. They should ensure that all the information concerning their progress and achievements in the college is duly entered in the record book.

REPRESENTATIONS

Any representation to the Principal should always be routed through the tutor and Head of the Department.

RECOGNIZED SUPERVISORS FOR Ph.D/M.S (By Research)

	Dr.S.Shanmugavel, Director(ECE)	
	Dr.K.Kalidasa Murugavel, Principal (Mech)	
Mech	Dr.K.Manisekar	Dr.M.Kathiresan
	Dr.S.Iyahraja	Dr.I.Sankar
	Dr.R.Harichandran	Dr.F.Michael Thomas Rex
	Dr.D.Venatkumar	

ECE	Dr.S.Tamilselvi	Dr.A.Shenbagavalli
	Dr.V.R.S.Mani	Dr.T.S.Arun Samuel
	Dr.V.Suresh	
CSE	Dr.V.Gomathi	Dr.D.Manimegalai
	Dr.V.Kalaivani	Dr.K.Mohaideen Pitchai
EEE	Dr.M.Willjuice Iruthayarajan	Dr.L.Kalaivani
	Dr.R.V.Maheswari	Dr.N.B.Prakash
	Dr.M.Bakruthen	
IT	Dr.K.G.Srinivasagan	Dr.B.Paramasivan
	Dr.R.Muthukumar	
Civil	Dr.C.Puthiyasekar	Dr.V.Kannan
Chemistry	Dr.M.A.Neelakantan	Dr.S.Thalamuthu
	Dr.E.Ramachandran	Dr.B.Annaraj
Physics	Dr.A.Nichelson	Dr.A.Panimaya Valan Rakkini
Maths	Dr.M.A.Perumal	

IMPORTANT RULES TO BE FOLLOWED BY THE STUDENTS WHILE ATTENDING LABORATORIES AND WORKSHOPS

Students should be extremely careful in handling the equipments while working in laboratories. They should take at most precaution to avoid injuries. Student should be very careful while doing experiments to avoid breakages or damages. Wearing shoes and fairly tight dresses aid to prevent injury.

Damages to equipments, causing loss to the college, may deprive the students from the opportunity of making further use of them. Any such damages caused to equipments should be immediately brought to the notice of the staff in-charge of the laboratory, and the cost of damage should be borne by the student.

Special instructions given by the staff in-charge of laboratories should scrupulously be followed.

Special Instruction :

The students shall not enter the College in inebriated condition failing which, they will be removed from College as per Anna University Rule.

LABORATORY FACILITIES IN VARIOUS DEPARTMENT

DEPARTMENT OF SCIENCE AND HUMANITIES

Physics and Chemistry Laboratories

Highly sophisticated instruments and ultra modern apparatus with updated procedures, in Physics and Chemistry laboratories, would aid to improve the scientific temper of the students.

Chemistry Research Centre :

This centre was established in the year 2007. The unique features of the centre are

- Recognized Research Centre of Anna University, Chennai
- BRNS, DST & CSIR sponsored Research Project funds
- Equipped with the instruments
 - FT-IR Spectrophotometer - 8400S (SHIMADZU)
 - High Performance Liquid Chromatogram - LC-2010 CHT (SHIMADZU)
 - UV - Visible Spectrophotometer - 2450 (SHIMADZU)
 - Fluorescence Spectrofluorometer - FP - 8300 (JASCO) with Peltier thermo stat system.
 - Spectroelectro Chemical Work station (CHI620E) with UV-VIS-NIR Spectrophotometer VAB4000-UV-VIS
 - Electromagnet 11k Gauss and power supply for Guoy method (39PS)
 - LED Fluorimeter LF-2a
 - Spectrophotometer SL177
 - Potentiometer Titrator HI902C1-02
 - Gel documentation unit LARK
 - Double distillation unit BOROSIL
 - Server workstation for Computation studies
 - Water analysis Kit
 - Well equipped biological Laboratory.
- Softwares
 - Computational software for chemistry and materials
 - Gaussian 09 & ADF
 - Hyper Quad & Hyspec.

English Laboratory

Effective language education stems from offering variety of learning opportunities and tools. The nature and quality of the recorded materials, the length and the frequency of laboratory periods, the subtle but powerful factor of motivation, and the degree to which the laboratory materials supplement are the variables on hand which help in

efficient working of our Language Laboratory. It is imperative to nurture self-pride and self-identity in each student's linguistic and cultural heritage, especially for the students from rustic milieu. This mission becomes feasible through a full-fledged Multimedia Language Lab with 65 systems in the main block. Exquisite language proficiency boosting softwares like TOEFL English Mastery, Globarena, Orell digital Language Laboratory (Odll), Clarity Snet English Language Laboratory Software, etc., are installed in this laboratory. B.E., & B.Tech., degree students attend this laboratory sessions regularly during the allotted semesters of the degree programme and their language skills are assessed in the end semester practical examination. The soothing atmosphere aids in evoking the students' interest to listen and practise various software from 5 p.m. to 6 p.m. during all working days. The laboratory is enriched with BEC, IELTS, TOEFL related materials. Further, the laboratory is efficiently utilized for conducting BEC, IELTS and TOEFL coaching classes and BEC Preliminary, Vantage & Higher online examination.

Mathematics Laboratory

The laboratory comprises of 8 computers with LAN, Internet and Multimedia facilities. Students make use of this laboratory for aptitude training, online aptitude tests and to learn online NPTEL courses. The laboratory is used to develop and stimulate the skills of the young engineers through analytical thinking. Also, the computers are installed with MAPLE software through which students acquire Engineering Mathematics skills.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Computer Science and Engineering (CSE) department was established in 1984 to create socially responsible and excellent computer professionals and young researchers. CSE aligns with the vision and mission of the institute in imparting high quality education to the students

VISION

To produce globally competent, innovative and socially responsible computing professionals.

MISSION

- To provide world-class teaching-learning and research facilities.
- To stimulate students' logical thinking, creativity and communication skills effectively.
- To cultivate awareness about emerging trends through self-initiative.
- To instill a sense of societal and ethical responsibilities.
- To collaborate with industries and government organizations.

Features of the Department

- AICTE approved intake is 120 students per year for B.E CSE and 25 students per year for M.E. CSE.
- Recognized Research Centre of Anna University Chennai to offer Ph.D., and M.S.(By Research) degrees.
- Supported with 7 different Computing Laboratories for students' academic activities and 3 different Research Laboratories for research activities with higher-end computer systems and servers.
- 150 Capacity of Air-Conditioned Seminar Hall with full furnished audio system, wall mounted LCD projector and glazed floor tile.
- 10 Nos. of 80 Capacity of smart class rooms.
- Exclusive department library with recent collection of books in different topics.
- 11 Faculty members are Ph.D. Degree holders amongst 2 faculty members submitted their thesis and 6 faculty members are pursuing their research towards Ph.D., Degree.
- One funded research project from DRDO, New Delhi five funded research projects from NewGen IEDC and one IE(I) project are going on.
- 15 research scholars, both Internal and External, are pursuing their Ph.D., Degree in the CSE research centre.
- Consistent placement record of above 96%.
- Offering CISCO Certified CCNA course and Red Hat certified course.
- Memorandum of Understanding (MoU) has been signed with Bharat Blockchain Network, UiPath, Viable Technologies, Adroit Soft India Pvt. Ltd., And Red Hat Academy of India Ltd., Mumbai.
- Recognized as Remote center for IIT Bombay for enriching the faculty with hi-tech training.
- Computer Science and Engineering Association is actively functioning to motivate the students to develop the leadership

"Success is not final; failure is not fatal: it is the courage to continue that counts"

qualities, organizing skill and for effective communication skill.

- GATE coaching forum focuses on higher studies and Department level Students Technical Training Programme (STTP) for placement.
- Following Outcome Based Education (OBE) and Choice Based Credit System (CBCS) with well tuned Core Courses, Open Elective Courses and Trans-Disciplinary Courses for flexible knowledge transition.

Research Area

Our staff members are focusing and doing their research work in the following fields and are publishing their work in the peer reviewed International Journals.

- | | |
|----------------------------|----------------------------|
| • Video Surveillance | • Wireless Sensor Networks |
| • Data Mining | • Cellular Networks |
| • Web Technology | • Remote Sensing |
| • Medical Image Processing | • Network Security |
| • Bio-informatics | • Cloud Security |
| • Theoretical Science | |

Focus Group

Our department is having 5 Focus Group (SIG), for their concerned research, to discuss and explore the recent advancement of their respective study.

- | | |
|----------------------|----------------------|
| • Data Science | • AI & Deep Learning |
| • Theory & Algorithm | • Networks |
| • Application | |

Laboratory Facilities

Laboratories are the important educational resources in developing the software professionals. The department is well equipped with 7 computer laboratories with latest hardware and software to cater the academic needs of the students.

Interactive Computing Laboratory: Data structures laboratory, Java Programming laboratory, Mobile Application Development Laboratory, Object Oriented Analysis and Design Laboratory, C# and .Net Laboratory and Full Stack Web development courses are conducted here.

AI & DL: This laboratory is used for Data Science, Digital Image Processing and Machine Learning related courses. It is equipped with necessary software for pursuing student's project work.

CISCO Laboratory: CISCO Certified CCNA course is supported. Apart from that, this lab supports Computer Networks Laboratory,

"In a gentle way, you can shake the world" Mahatma Gandhi

Networks Security Laboratory, MANET/VANET Simulation Tools, Product Development laboratory and Python Courses.

Common Computer Centre: This laboratory is used to do Computer Practice and Primary Programming Laboratories exclusively for first year courses. The first year students make use of this laboratory for Technology Enabled Learning, Online Courses and assessments.

Remote Monitoring Management and Information Security Laboratory: This laboratory is equipped with software to do Business Analytics, 3D animations, UML Designs, Mini Projects and Creative Image Manipulation courses.

Dr.A.P.J.Abdul Kalam Computer Centre: This laboratory is used for doing Internet and Web Technology, Computer Networks Laboratory, Advanced Data Structures Laboratory, Object Oriented Programming Laboratory Operating System Laboratory and Front End Web Development course for other department UG students.

Sir C.V.Raman Computer Centre: This laboratory is used for doing Computer Networks Laboratory, Object oriented Programming Laboratory, Open Source Systems Laboratory, Front End Web Development and R programming courses for UG students.

In addition to these laboratories, the department has domain specific laboratories such as Image Processing Research Centre, Sensor Networking laboratory, Adhoc Networking laboratory and Cloud Computing laboratory which are established through various funding agencies like AICTE, DRDO, CSI and IE (I) for research and development. These laboratories are well equipped with specialized software and computing facilities to carry out research work of various projects by the faculties and students in the research related areas.

DEPARTMENT OF INFORMATION TECHNOLOGY

The Department of Information Technology was established in the year 2001. It provides UG programme “***B.Tech Information Technology***” and PG programme “***M.Tech (IT) - Information and Cyber Warfare***”. It offers an excellent ambience for students to learn and acquire the necessary industry ready skills. It has experienced and dedicated faculty members who are fully committed to teaching and research. The students have access to well-equipped and state-of-the-art laboratories. The well-organized curriculum is provided to the students to take up a broad spectrum of courses, while simultaneously allowing emphasis on desired areas of specialization. Hence, the department has a

“When you want to succeed as bad as you want to breathe, then you'll be successful”

wonderful track record of producing outstanding engineers to serve the society. B.Tech. IT programme has been accredited by the National Board of Accreditation (NBA), AICTE, New Delhi.

VISION

To produce technically competent and value-based IT Professionals to meet the current challenges of the modern IT industry.

MISSION

- Imparting quality education with innovative components in the Teaching-Learning Process.
- Conducting student-centric programme to enhance communication, team spirit, leadership skills and self learning.
- Motivating the students to realize the need for ethics and human values.
- Developing a conducive environment for collaborative research.

Salient Features of the department:

- AICTE approved intake is 60 students per year for B.Tech - IT and 18 for M.Tech (IT) in specialization with Information and Cyber Warfare.
- The Department is a recognized Research Centre of Anna University, Chennai.
- At present, there are sixteen full-time faculty members and one adjunct faculty from the industry along with four supporting staff. Seven faculty members have completed Ph.D. and six faculty members are pursuing Ph.D. in the department.
- Three faculty members are recognized supervisors of Anna University, Chennai.
- Two full-time research scholars and more than two external research scholars are pursuing their Ph.D. in the research centre.
- IT Association is functioning well and various technical and non-technical activities are conducted for the benefit of students.
- Funded projects from TNSCST are in pipeline.
- Collaborative research journal publications are done with foreign university professors.
- State-of-the-art laboratories have been established to help students excel with the latest technologies.

- Through the ICT academy, various training activities are conducted for the faculty and students.
- Three patents are applied through NewGen - IEDC published for the product development activities of the department.
- The department library has a sufficient number of latest books, magazines and project work reports.

Laboratories

The department laboratories are equipped with 170 high-performance computers using the latest Windows and Linux operating systems. The laboratories are installed with the latest software and hardware for the up-gradation of education and upliftment of research activities of the students. Also a centrally managed teaching tool is provided for assisting students during the laboratory sessions. The laboratories in the department are:

- | | |
|------------------------|---------------------------------------|
| • Data Structures Lab. | • Mobile Application Development Lab. |
| • Data Analytics Lab. | • Database Management Systems Lab. |
| • Open Source Lab. | • Cyber Forensics Lab. |
| • Networking Lab. | • Vulnerability Assessment Lab. |
| • Cloud Computing Lab. | • Web Development Lab. |

Incubation Centre

The Department has a separate incubation centre to train young minds for transforming their innovative ideas into viable business propositions. The following companies have offered industrial projects to our students for getting industry exposure.

1. BS Teknology Pvt. Ltd., Madurai
2. Zeros and Ones, Tirunelveli

DEPARTMENT OF MECHANICAL ENGINEERING

The Department of Mechanical Engineering came into being from the inception of the institution in the year 1984. The Department has its own vision and mission to produce well educated Mechanical Engineers every year.

VISION

Producing globally competitive Mechanical Engineers with
social responsibilities

"If you are tired, learn to rest, not quit" Banksy

MISSION

- Imparting quality education by providing excellent Teaching-Learning environment
- Inculcating qualities of continuous learning, professionalism, team spirit, communication skill and leadership with social responsibilities.
- Promoting leading edge research and development through collaboration with academia and industry.

Some of the salient feature of the department is given below

- B.E. Mechanical Engineering is accredited by National Board of Accreditation (NBA), New Delhi continuously from 2000 onwards.
- Accredited by Institution of Engineers (IE).
- AICTE Approved Intake is 60 students per year for B.E. Mechanical Engineering and 9 students for M.E. Energy Engineering.
- Supported by 29 qualified, dedicated faculty members, among them 15 are holding doctoral degree
- Engaged 2 adjunct faculty members with more than 20 years of industrial experience to give industrial exposure to the students
- The Department is Recognized by Anna University Chennai as Research Centre for carrying out PhD Programme.
- 18 of both internal and external research scholars are pursuing their PhD degree in the department in line to the cutting edge technologies.
- Memorandum of Understanding (MoU) has been signed with M/s. Honeywell Technologies., Madurai, F.L.Smith Private Limited, Chennai, Adroit CAD Solutions Pvt. LTD, Chennai, NEST Industrial Academy, Chennai, SIEMENS Industry Software India Pvt.LTD, Gurgaon, Haryana, BOSCH Ltd., Niva Engineering, Chennai, M/s.Maker Global, Hyderabad and TryCAE Industrial Engineering Pvt. Ltd., Trichy for consultancy and project work.
- Student chapter from Society of Automotive Engineers- SAE INDIA, National Engineering College Association is actively functioning.
- Head Quarters of Society for Manufacturing Engineers (SME). A National level technical research Journal Entitled “Journal of Manufacturing Engineers (JME)” is promptly released once in 3 months from SME.

- Five funded research project from BRNS, DST & AICTE have been completed and one project SERB from DST fund is sanctioned in the current academic year.
- GATE coaching and Campus placement and training facilities are in progress.
- Campus recruitment opportunities are available from CTS, Accenture, Infosys, WIPRO, Zoho, TCS, Tech Mahindra, Sterlite, Renault Nissan, RKM Power Gen, Adroit CAD Solutions Pvt.Ltd., Windcare Ltd., Accurate Steel Forging, Brakes India etc.
- A well planned curriculum consisting of core and elective courses with the collaboration of industry for better understanding of advanced, higher level topics.
- Mechanical Engineering Association Activities, Students' technical seminars, Frequent Industrial visits, etc. are encouraged.
- Many International and national level research publications from various fields like Production, Manufacturing, Design, Energy Engineering, Thermal Engineering, Robotics, Composite Materials, Applications of Intelligent Optimization Techniques and Management, etc are published every year.
- Business Incubator has been started for innovation and application of technology in small scale business.
- CDIO Laboratory, NDT Laboratory and R & D Laboratory have been newly constructed for new product development and research.
- Students are engaged in innovative research work for new product development. Department has developed 8 new products and filed 26 patents so far. Among them, one product patent and five design patents are granted.

Centre for Energy Studies

Centre for Energy Studies came into existence from the academic year 2009-10.

- M.E. (Energy Engineering) is offered with an intake of 9 students per year.
- Centre is started with the objective to meet the energy requirements of the entire Campus by utilizing Renewable Energy Sources, to provide adequate facilities for the budding researchers in the field of Renewable Energy and to undertake research in solar thermal, solar PV and bio energy fields. It also improves the efficiency and

economy of the systems.

Centre for Manufacturing Sciences

Centre for Manufacturing Sciences was established in the year 2009. Centre is taking effort to establish collaborative research work with various organizations.

Laboratories

The department is having well furnished conventional class rooms, elective halls, smart class room and seminar hall (250 capacities) in addition to fully equipped laboratories and workshops. Further, some of the special equipments are also available to execute research activity in the laboratories. The details of workshop and laboratories with equipment are listed below :

- **Machine Shop:** Gee-dee Weiler Lathes, Gear Hobbing Machines, Milling Machines, Planner, and Surface Grinding, Capstan and Auto Lathes, Variable Speed Metal Cutting Band Saw, Tool & Cutter Grinder and Injection Moulding Machine.
- **Workshop:** Carpentry, Smithy, Fitting, Foundry and Welding Sections with all infrastructure facilities.
- **Instrumentation and Metrology Laboratory :** Autocollimator, Surface Roughness Tester, Carriage Diameter Measuring Machine, Gear Rolling Tester. Profile Projector, Temperature, Force, Displacement, Vibration / Shock and Torque Measuring Setups. Olympus - Optical Microscope (OM) with Motic Image Plus2 image analyzing software.
- **Dynamics Laboratory :** CAM Analyzer, Whirling of shaft apparatus, Vibration tester and Vibration setup, Gyroscopic setup, Governors experimental setup and Digital Storage Oscilloscope (DSO) with FFT.
- **Hydraulics Laboratory :** Flow measurement devices and fluid machines like Francis, Kaplan, Pelton Wheel Turbines and different types of pumps, Friction in pipe apparatus and Flow through notches.
- **Automation / Mechatronics Laboratory :** Hydraulic, Pneumatic and Electro-Pneumatic trainer kits. Automation Studio 5.3 software, Servo controller for Closed / Open loop control system, i5 Intel 4th generation processor desktop computers with 17" LED monitors.

- **Materials Testing Laboratory :** Computerized 60 ton UTM test setup, 200 ton capacity of Analog UTM setup, 200 ton capacity of compression testing machine, Digital Vickers's hardness tester, Torsion testing machine. Diffusion bonding setup with a vacuum chamber.
- **Metallurgy Laboratory:** Metallurgical Microscope, Muffle Furnace and facilities for specimen preparation.
- **CAD Laboratory:** High-end servers with 6 core processor, Workstations and i5 processors PCs with intranet and internet connectivity, A0 Size Plotter, Printers and Scanners. Licensed software like CATIA V5R10, COSMOS/M5.0, ANSYS 12.0 and Solid Works, AutoCAD, NISA, Math CAD with its recent updation.
- **CAM Laboratory:** MTAB FMS Setup comprising of CNC lathe-XLTURN, CNC milling -STARMILL and integrated with Robot system, Coordinate Measuring Machine(CMM), RCS 6 Robot trainer kit, MTAB Articulated FANUC Robot and its linear slider with raw material chute, desktop computers with latest i5 Intel processor and 17inch LED monitors. Licensed software MTAB-CNC STARMILL and XLTURN, ESPRIT and SOLID CAM.
- **Digital Fabrication Laboratory :** Digital fabrication laboratory is established at our Mechanical Engineering Department. At present this laboratory is equipped with imported VMC machine from DMG MORI-Germany. The equipment such as a 3D printer, Coordinate Measuring machine and Pick and place Robot are also available in this laboratory. Further, it is planned to install the latest additive manufacturing machines like Selective Laser Melting (SLM), Wire-EDM and laser marking machine etc., in the subsequent years. The main objective of establishing this laboratory is to provide more number of hands-on training to the students with the latest CNC cutting edge technology apart from the regular curriculum. Hence, the student will be given training with actual industrial production machine within the campus. The hands-on training would increase the skill set of students and make them as industry-ready-engineers, and they can have better placement opportunity in mechanical and allied industries.
- **Advanced Materials Laboratory:** Creep Testing machine, Universal Tensile Tester machine, Hydraulic Compression moulding machine, Muffle furnace, Tribo meter, Probe sonicator

and Impact testing machine.

- **Advanced Computing Laboratory:** 40 number of Computer Systems and various advanced design and drafting software like CATIA V5R10, ANSYS 10.0, ABAQUS, RAMCAD, etc.,
- **IC Engines, Heat Transfer & Steam Laboratory:** Test rigs and testing equipment.
- **Energy Simulation Laboratory :** Solar simulator facilitates, performance study of different PV systems, battery charging and discharging characteristics, performance analysis of the different solar thermal equipments like collectors, water/air heaters, solar drier, still and TRNSYS software package.
- **Quality Control Laboratory :** Full-fledged conventional Non Destructive laboratory with Ultrasonic Testing Machine, Radiographic Film Viewer, Magnetic Particle Testing Machine.
- **Advanced Welding Laboratory:** A Welding laboratory has been established in the Mechanical Engineering Department. Pulsed Tungsten Inert Gas (TIG) welding machine and Metal Inert Gas (MIG) welding machine have been purchased for facilitating the laboratory, worth Rs. 5,02,090.

RESEARCH AREA

Our staff members are doing their research work in the following fields and have published their work in the peer-reviewed international Journals

- Optimization Techniques
- Welding
- Metal Forming
- Design and analysis of large diameter slewing ring bearings
- Solar Thermal and Photo-voltic systems
- Thermal Energy Storage
- Pressurized imperfect tori-spherical thin shells
- Diffusion Bonding of Dissimilar Metals
- Friction Stir Welding (FSW)
- Non-destructive analysis
- Vibration analysis and controlling
- Natural composites
- Fibre Metal Laminates
- Powder Metallurgy
- Scheduling and Allocations
- Heat Transfer Enhancement

Notable achievements of the department

1. Executed 5 projects worth more than Rs.1.4 crores to BRNS, AICTE, DST and one project from DST is in progress.
2. Strong in Design domain and developed 8 new products for commercialization, in which 3 Product/Process development projects were funded by MSME
3. Totally 26 patents were filed from the department, of that five design patents and one product patent were granted.
4. The department is heading towards 100% placement by providing consistent skill based training

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

VISION

To produce Electronics and communication engineers capable of generating a knowledge economy with social responsibility.

MISSION

- To impart high quality education with ethical behaviour.
- To equip the students compatible with recent trends in Electronic industries.
- To develop leadership qualities with humanity, wisdom, creativity and team spirit.
- To provide a passionate environment for continual learning.

Infrastructure facilities of the Department of Electronics and Communication Engineering are:

Electronic Devices and Circuits Laboratory

Electronics lab is used to study design and construct electronics circuits using Transistors, Field effect transistors, and transformers. The students perform various experiments related to biasing, amplifiers, and oscillators. Electronics laboratory is equipped with CROs upto 30 MHz, Function Generators up to 20 MHz, DSO up to 50 MHz, power supplies various ranges of Voltmeters, Ammeters, Multimeters, DRBs, DIBs, and DCBs for performing experiments. LCR and Components tester are also available.

Microwave and Communication Laboratory

In this laboratory AM,FM,PM,ASK,FSK,PSK Modulation kits, TDM kit, sample and hold kit,60MHz, Digital storage Oscilloscopes, X band and J band Microwave Test benches, Fiber Optic analog and digital link kits, Optical fiber connectorization and splicing accessories and Video Link fiber optic kit with TV are available.

Integrated Circuits Laboratory

This laboratory is used to study, design and construct electronic circuits using Analog/Digital ICs. The students perform various experiments in mathematical operations, filters, oscillators, data converters, comparators, multiplexers, flip-flops, counters, shift registers, sequence detectors, waveform generators using analog /digital ICs. In order to understand the basic concepts in analog/digital ICs, this laboratory is equipped with Universal IC tester, IC trainer kits, Function generators-1 MHz, Storage Oscilloscopes -50 MHz, CROs - 25 MHz, Storage Oscilloscopes - 50 MHz, Fixed and Variable Power supplies.

Digital Signal Processing Laboratory

DSP laboratory is well equipped with 40 numbers of high performance intel core i5 & i7 systems with internet connectivity. Software packages such as MATLAB R2021B, LabVIEW, MultiSim, ORCAD Capture PSpice, Easy PC, Top view simulator, Visual C++ and Code Composer Studio are installed in the systems. Real time signal/image processing studies are carried out using Embedded Target Board TMS320C6711/6713/6416/6748 Processors.

VLSI Laboratory

VLSI laboratory consists of 40 Pentium Desktop computer systems with LCD Projector and Printer connected together by LAN. To meet out the recent trends in IC design, this laboratory is equipped with the following software and hardware tools. CADENCE Perceptual licenced tool, Quartus II SOPC Builder Tool, Xilinx VLSI Software - foundation series 5.1i, Xilinx Software System edition Ver.11.1., Hardware equipment available: Xilinx Spartan 3 /Spartan 3E FPGA Trainer Kit, Xilinx make Universal FPGA Trainer Kits., Complex Programmable Logic Device (CPLD) Trainer kit, Universal Trainer Model MXUK, Universal VLSI Trainer Kit, Universal Multi vendor Development Kit, Altera make Cyclone III FPGA trainer Kits, Altera make Cyclone V FPGA trainer Kits with SOPC Builder, ZYNQ FPGA

“Everything you can imagine is real” Pablo Picasso

Development Board, Gensys Virtex 5 FPGA Development Board, Automatic Test Engineering Training Kits.

This laboratory was upgraded by AICTE, New Delhi sponsored MODROBS scheme during the academic year 2013-2014 worth Rs.12 lakhs.

Networks Laboratory / Cyber Security

Networks laboratory offers an impression of networking and how network security strategies are deployed to address the availability pillar of the CIA triad.

A well-equipped and fully air-conditioned Networks laboratory is provided with Fedora Linux Server, Routers, Switches, Hubs, 42-inch Smart TV, Wall mounted projector, Benchmark LAN trainer kits and highly configured i5 Intel systems loaded with Fedora. The laboratory stocked with Dell EMC Server incorporate with vSphere virtualization platform handles High-Performance Computing (HPC) workloads like software-defined storage, virtualization and data analytics.

All the systems are connected in LAN for 39 students loaded with Networking and Security tools like Wireshark, Cisco Packet tracer, VMware Workstations, VM-Box, Sys-Internals Suite, Nmap, Snort, NS2 Simulator etc., It offers students the possibility to understand different offensive cyber security activities, to detect ongoing attacks and also to perform defensive actions.

To equip the students with the latest cutting-edge technologies, students are offered with courses such as Cyber Security and Python Programming. The Special Interest Groups for Networking and Cyber Security provides a wider platform for the students to explore their technical skills in their specific area of interest. InfoSec Industry oriented Cyber Security Training Classes and internship opportunities offered by the department equips the student's industry ready.

Embedded System Laboratory

This laboratory is equipped with higher end processors based systems which enable students to design Processor specific embedded system with added intelligence. The major equipments available are ARM 7 Embest Teaching kit, ARM 9 Embest Teaching kit, Tiny 2440 (ARMII) kit, LPC 21XX Philips Development kit, SBC 6 XXX Samsung development kit, MCB 1857 Cortex M3 kit, Cortex M4 development segger, MSP430 Development boards, Dev.kit 8700 (OMAP 3750) kit, PSoC Development kits, ARM 9-LPC 2929 Evaluation Board, RL-78 Renesas Evaluation Board, Also this

"Simplicity is the ultimate sophistication" Leonardo da Vinci

laboratory has respective IDEs for each processor families such as CROSS Works for MSP 430, CROSS Works for ARM 7, Cube suite, PSoC creator, IAR workbench for MSP430, Keil version- 4 Professional, SAND TIGER Board, SEGGER emPower Board, Intel NUC Board, Real Sense Camera ZR300(stereo vision), Logitech 720P(Mono color vision) and ARMMBED boards.

Evening training programs and periodical workshops on various higher end processors have been conducted in this laboratory for the technical knowledge updation of the students. Also, in order to practice Edge AI(vision) design for ML applications, this laboratory facilitates the students with Beaglebone (AI) board with logitech 926D camera interface.

Microcontroller Laboratory

This laboratory has various types of microprocessor, micro controller trainer kits along with interfacing modules to demonstrate the detailed applications of microprocessors. The facilities in the laboratory enable students to build a firm background in microprocessor hardware as well as software. Students learn about assembly language programming, CPU, memory and I/O design, interfacing of programmable chips and peripherals such as stepper motors, analog-to-digital and digital-to-analog converters etc. They acquire the practical skills sufficient to design and realize basic microprocessor based systems.

Microprocessor kit (8085), Microprocessor kit (8086), Microcontroller kit (8051), Interface boards such as PPI, DMA Controller, Interrupt Controller, Timer, ADC, DAC, Serial Communication, Stepper Motor, Traffic Control, Keyboard and display control, PC based interface, Oscilloscopes, Function generator, power supply, RS 232c cable & connector, Universal programmer.

e-Yantra Robotics Laboratory

e-Yantra laboratory encourages a “Can-do” attitude amongst students, that prepares them for a career in research or as technology entrepreneurs. Students are encouraged to use robots to solve “real-life problems”. The main aim is to achieve a sustainable and scalable solution for better engineering education in our college. The major equipments are Firebird V Robot, Spark V Robot, AT Mega 2560 Development Board, PS9V51 Development Board, Arduino Mega 2560 Board, Robotic Arm - 2 -axis, 4-axis, Parallel Gripper, Metal gear

Servo motor, Gps interfacing module for the robot, Raspberry pi board, AVR ISP USB Programmer, Zigbee module, USB TV Tuner for interfacing wireless camera with laptop, Two Axis camera pod with wireless camera.

Product Development Centre

Product development Centre was established in the department of Electronics and Communication Engineering in the year 2017 to provide nurturing environment to the students to convert their innovative ideas into products. It is equipped with equipments to develop products related to assistive devices, health care, agri-tech, clean technology and Internet of Things (IoT) based system design. Through this centre the students are disseminating their core knowledge in developing products in various competitions like Hackathons and are getting recognitions. This centre is utilized for regular curricular activities such as product development, mini project and main project.

IC Testing Laboratory

IC Testing laboratory was established during the year 2019 in the college campus with the technical support from the Tessolve Semi Conductor Pvt Ltd., Bangalore. In this laboratory, skill development certificate course in Semiconductor Test Engineering (STE) is being conducted for the students every year. This course can bridge the gap between academic learning and job oriented skill set required in the IC testing industry.

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

VISION

Promoting active learning, critical thinking coupled with ethical values to meet the global challenges.

MISSION

- To instill state-of-the-art technical knowledge and research capability that will prepare our graduates for professionalism and life-long learning.
- To update knowledge to meet industrial and real world challenges.

"Only you hold the key to your true potential"

- To inculcate social and ethical values.

The department infrastructure and laboratory are being upgraded to facilitate students' learning skills like problem solving, creative thinking and experience integrated design of the systems, open ended experiments, mini projects and course projects. The details of the laboratories in the department are:

Electrical Workshop:

This laboratory is the most basic and essential laboratory which is being used by the first-year students of all branches of engineering and technology. This laboratory is well equipped with all kinds of electrical accessories to practice single phase and three phase house wiring, electrical terminals, soldering iron, working and assembling of the fan, iron box to perform the whole range of experiments as per the prescribed syllabus of the course on basic electrical and electronics engineering.

Electrical Machines Laboratory:

This laboratory has DC machines, Induction Motor and Generator, Synchronous Motor, Salient and Non-Salient Alternators, Switched Reluctance Motor and their simulated models, DC Rectifiers, Programmable Variable Frequency Drive (VFD), Indoor Type Transformer, Electrical Machine Tutor, Phase shifting Transformer, Winding Study Motor and DC Drive Control Panel.

Electronics Laboratory:

This laboratory is well equipped with apparatus to inculcate the knowledge on Network Theorems, Electronic Devices and Circuits, Linear and Digital Integrated Circuits, Power Measurement, Power Supplies, Digital Storage Oscilloscopes, Signal Generators etc.

The laboratory is used for the development of different applications with the help of various hardware prototypes and models in the area of analog and digital electronics. This laboratory is being used by the under-graduate students of all branches of Engineering and technology

Power Electronics and Drives Laboratory:

Complete Power Electronics experimentation and analysis related to AC & DC drives, AC to DC Converter, DC to AC Converter, Drive control, and PWM inverter fed AC drive, FPGA based SRM Drive and Power Quality Analyzer can be done in this laboratory.

This laboratory is also equipped with computers for transient and simulation studies for power electronics and is driven with the help of MATLAB and PSIM software. Also design of advanced converters research work has been carried out with suitable DSO and current probe.

Control and Instrumentation Laboratory:

This laboratory has three different sections, namely, Simulation Section, PC Interfacing Section, and Workbench. In the Workbench, students experiment with academic laboratory exercises and trainer kits, Sensors, Process Variable Measurement Modules, PID Controller Unit, AC & DC Position control systems, Calibration of single and three phase Energy Meters and Multifunction meter. In the simulation section, MATLAB, LabVIEW software are available. Simulation of analysis and design of control system in time and frequency domain have been carried out using computers. In the PC interfacing section, Hardware interfacing is carried out using Data Acquisition Cards NI ELVIS II simulator suitable for a rotary inverted pendulum with LabVIEW Software. This section has Quanser Q Bot Unmanned Land Vehicle Compatible with MATLAB, Quarc Software for performing research work related to robotics systems. This section also has a Twin Rotor MIMO system (TRMS) with MATLAB, which is established by AICTE funded project. To improve student imagination developing hardware Lego mindstorm EV3 are available for designing different robotic system.

Microprocessor and Microcontroller Laboratory:

This laboratory is equipped with 8085/8086 Microprocessor, 8051 Microcontrollers, PIC, Arduino, Raspberry-Pi development boards and various interface cards such as traffic light controller, stepper motor interfacing, ADC & DAC Interfacing Cards, keyboard and digital controllers, DSP, and FPGA trainer kits.

Research Simulation Laboratory:

This laboratory houses the latest configuration systems. These computer systems have been loaded with various application software like ETAP Power Station, PSCAD/EMTDC, ANSYS, MATHCAD, PSIM, and MATLAB (R2015A) and MATLAB (R2022B) with 35 tool boxes. It has the Internet facility at the speed of 320 Mbps (LAN & WIFI) with a leased line. The students of Under-graduation carry out their final year projects in this laboratory, and the students of Post-graduation and Doctoral degree programmes carry out their research work in this

laboratory.

High Voltage Laboratory:

This laboratory is an active centre for research in Dielectric Materials, Insulation Systems, High Voltage, and related phenomenon. This laboratory also offers commercial testing and consultancy service. It has the state-of-the-art facilities like 100kV AC, 140kV DC and 280kV Impulse Generation, Measurement and Testing, Partial Discharge Detector Interfacing with DSO, Loss Tangent Measurement and Measurement of Breakdown strength of Solid/Liquid/Gaseous dielectrics and Power Quality Analyzer. The laboratory consists of ANSYS software package and Partial Discharge Analyzer equipment, purchased through DST-FIST fund.

Liquid Dielectric Laboratory:

This laboratory is established under the Department of Science and Technology. It has the facility of analyzing the characteristics of liquid dielectric medium with breakdown voltage measurement kit, redwood viscometer, Tan Delta measurement kit, Pensky Martins Closed cup apparatus for Flash and Fire point measurement, Digital Denso Meter, Pour Point Apparatus, Karl Fischer Moisture Titrator, UV Spectroscopy and Thermal Ageing Chamber for characterization of the physicochemical changes that occur on aging, Magnetic Stirrer and Ultrasonicator for samples preparations.

Smart Protection and Control Laboratory

The State-of-the art Smart Protection and Control Laboratory which is equipped with modern tools like advanced Numeric Relay based smart protection schemes like Over current Protection, Transformer Protection, Distance Protection, Motor protection, conventional electromagnetic relays and SCADA based substation automation with bay control unit and also ETAP software package. 3 Phase relay testing Kit with separate Voltage source (DC & AC) and current source with phase angle adjustment facility was recently purchased. The overall laboratory equipment costs Rs.25 Lakhs.

Smart Protection and Control Laboratory of Electrical Engineering Department is unique whereby using latest numeric Relays, various faults occurring in Power system are being simulated & protection against various faults are demonstrated using the demonstration models which are obtained from the Manufacturer like GE (T&D) to students.

Various fault conditions in Power system are also analyzed with the help of ETAP software package. Advanced protection systems like numeric relay-based protection schemes provide protection with flexibility, programmability and communications for maximum system reliability. Our faculty members and students are also trained by the experts from the Manufacturer like GE(T&D) to get more practical exposure. The practical experience in this switchgear and protection lab makes the students to be an Industry ready professional in the protection sections of Substations and any Industries.

Computer Centre

This laboratory holds current configuration systems with high-speed internet facility. The computer centre is a multipurpose laboratory with advanced software such as ETAP POWER STATION, PSCAD/EMTDC, MATHCAD & VISSIM PE, MATLAB (R2022B). The laboratory is equipped with 40 computer systems supported by HP-Intel Xeon E5-2407 server and provisions are made for 100 systems with networking. It has the internet facility at the speed of 320 Mbps (LAN & WIFI) with a leased line. The laboratory has 20 KVA UPS facility to afford uninterrupted power supply facility. The undergraduate students utilize the internet and the advanced software tool facilities with their laptops and computers available in the computer centre.

Seminar Hall

EEE department has a seminar hall with a smart board and multimedia PA system. The total seating capacity of seminar hall is 150. It is used as a smart classroom for teaching-learning activities, seminar presentation and a venue for students' placement activities.

Active Classroom

Newly established Active classroom in the department of EEE is focused to enhance the learning through Group activities with reconfigurable seating arrangements.

Audio-video facility with smart board is available.

Social Awareness Cell (SAC):

Social Awareness Cell is functioning in the department to create awareness among the public about Electricity Usage, Safety, etc. Several Social awareness camps have been conducted in nearby schools and villages to inculcate awareness about electrical energy usage, conservation, safety, etc.

Mini Project Forum:

Mini Project forum is functioning in the department to impart practical knowledge for the students apart from the regular course. The main objective of the forum is to create practical knowledge about the fundamentals of analog and digital electronics and to motivate the students to practice with some real-time application-oriented projects from their third semester onwards. This forum also helps to create and enhance the student's knowledge in the field of current embedded system technology. The Forum is equipped with various sensors modules, microcontroller development boards, robotics-based components, and consumables. It is also equipped with the recent microcontrollers boards such as PIC, Arduino, Raspberry Pi and Internet of Things [IOT], Drone, GSM, GPS modules, etc.

Newsletter:

From the academic year 2013-2014, the department is releasing EEE Newsletter. The Newsletter consists of faculty member's articles, student's articles, students achievements, publications, department activities alumni details and interaction held, recent findings in the engineering field, etc.

DEPARTMENT OF CIVIL ENGINEERING**VISION**

Producing outstanding Civil Engineering professionals with human values to face future challenges

MISSION

- To provide with excellent teaching and research ambience
- To prepare student for leadership roles in Civil Engineering
- To facilitate student with lifetime skills and human values
- To collaborate with industries to meet the ever challenging environment.

The Profile of the dept. is given below

- The department was started in the year 2012 and an intake of 60 student per year for UG course was approved by AICTE.

"Hope is being able to see that there is light despite all of the darkness" Desmond Tutu

- Supported by well qualified and dedicated faculty members.
- An exclusive separate building with total area of 3500 Sqm (GF - 1750 Sqm, FF-1750 Sqm) and all amenities are provided with excellent lab facilities.

Laboratories

Our department has fully outfitted laboratories. The well ornate equipment are available in the laboratories and are of the Indian Standard (IS). The Laboratories and the corresponding major equipment are listed below:

CADD Laboratory

- The CADD laboratory provides adequate knowledge on the computer based Analysis, Design & Drafting to the Civil Engineering students. The laboratory is well equipped with all the recent softwares related to Civil Engineering for advanced research and consultancy services which includes Auto CAD, STADD PRO.

The following exercises are to be done in CADD laboratory:

- Analysis and design of multi storied framed structure using analyzing software.
- Analysis and design of a steel truss system using analyzing software.
- Design and detailing of Reinforced Cement Concrete cantilever and counter fort type retaining walls with reinforcement details.
- Design of solid slab and Reinforced Cement Concrete Tee beam bridges for Indian Road Congress loading and reinforcement details.
- Design and detailing of overhead water tank, circular and rectangular water tanks.

The following software's will be taught to our students in CADD laboratory by company people which has signed MOU:

- Auto CAD
- Revit Architecture
- Primavera
- STAAD Pro

Concrete and Highway Laboratory

- Vicat Needle Apparatus, Le Chatelier mould, Vibrating Machine, Flow Table, Blaine's Air Permeability Apparatus for cement testing.
- Slump Cone, Compaction Factor Apparatus, Vee Bee Consistometer, CTM with 200 ton capacity, Flexure Testing Machine, Flow Table Concrete, Cylindrical moulds, Cube moulds,

"Hope and change are hard-fought things" Michelle Obama

Prism moulds, Vibrating Table (1 m x 1 m) and Compressometer for various test on Concrete.

- Length Gauge, Crushing and Impact Value Apparatus, Bulk density measures, Density baskets and Test Sieves (12” dia) for a collection of test on Aggregates.
- Buoyancy Balance
- Standard Penetrometer, Tar Viscometer (4 mm and 10 mm orifice), Ductility Testing Apparatus, Marshall Stability Apparatus, Ring and Ball Apparatus and Centrifugal Extractor for a range of tests to be done on Bitumen.
- Accelerated curing Tank(for 6 moult-150mm size)
- Loss Angles Abrasion Testing machine for Aggregate.
- L-box, U-box, V-Funnel J-Ring, Flow Table Apparatus for self compacting concrete.
- Pan Mixer of Capacity 40 Liters
- Muffle Furnace.
- Rebound Hammer(Concrete test - Hammer with NCCBM calibrated)

Environmental Engineering Laboratory

- Digital pH meter, Turbidity meter and Conductivity meter
- Hot Air Oven and Muffle Furnace
- Water bath, Warming slide, Magnetic Stirrer with hot plate and Desiccator
- Jar Test Apparatus
- COD Apparatus, COD Digester
- Kjeldhal Apparatus
- BOD Incubator
- Distillation Unit
- Chlorine Comparator
- Filtration equipment and Filter Flasks with adaptor
- Colorimeter and Spectrophotometer
- Air Quality Analyzer
- Noise Level Meter

Fluid Mechanics Laboratory

- Flow measurement devices : Orifice, Notches, Orificemeter, Venturimeter and Major & Minor Losses, Jet on Vane apparatus.
- Hydraulic Machines & Pumps: Francis Turbine, Kaplan Turbine, Pelton Wheel Turbines, Centrifugal Pump (Single and Multi stage) and Reciprocating pump.

“There is a tendency at every important but difficult crossroad to pretend that it's not really there” Bill McKibben

- Bernoulli's theorem-Verification Apparatus.

Survey Laboratory

- Total stations and its accessories
- Vernier Transit Theodolite along with Subtense Bar and other accessories
- Different types of Levels and its accessories.
- Instruments for Chaining, Compass Surveying and Plane Table Surveying
- GPS
- Electro Magnetic Distance Measurement(EDM)

Soil Mechanics Laboratory

- Soil Hydrometer and Test Sieves for fine aggregates (8" dia) along with Sieve Shaker
- Pycnometer
- Liquid limit, Plastic limit and Shrinkage limit apparatus for determining Atterberg's limit
- Permeability Test Apparatus (constant & falling heads)
- CBR Apparatus
- Proctor Compaction Apparatus (light and heavy)
- Sand Pouring Cylinder and Field Density Kit
- Direct Shear Apparatus, UCC Apparatus, Triaxial Shear Test Apparatus
- Consolidation Three Gang Apparatus
- Relative Density Apparatus
- Split Spoon Sampler
- Hot Air Oven
- Vane Shear Apparatus
- Infrared moisturemeter
- Electrical Resistivity Meter

Strength of Materials Laboratory

- 100 Ton UTM, Computerised UTM of 60 Ton capacity and 200 Ton CTM, Torsion Testing Machine, Fatigue Testing Machine and Beam Deflection Test Apparatus.
- Hardness Testing Machines: Digital Vicker's Hardness Tester, Rockwell Hardness Tester and Brinell Hardness Tester.
- Extensometer, Compressometer and Dial Gauges.
- Cement Testing : Le Chatelier's Apparatus, Vicat's Apparatus and Mortar Cube Moulds.

"Never let your emotions overpower your intelligence" Drake

- Impact Testing Maching - Izod and Charpy Test.

ACADEMIC RELATED COMMITTEES

Office of the Controller of Examinations

The office of the Controller of Examinations was established in the year 2011 after the conferment of Autonomous status to the college. The responsibilities of the office are

- Preparing academic calendar which includes all the Academic activities.
- Conducting the End Semester Examinations.
- Processing and Publishing results on time.
- Issuing certificates such as Statements of Grade, Consolidated Statements of Grade and Transcripts.
- Sending a list of successful candidates with their Cumulative Grade Point Average (CGPA) to the Anna University, Chennai for issuing Provisional and Degree Certificates.

Officials of the COE Office are

Dr. D.Manimegalai, Prof./CSE	COE
Dr.R.Muthukkumar, Prof./IT	Deputy COE
Mr.D. Vijayakumar, AP(SG)/CSE	Assistant COE
Mr.R. Vignesh Kumar, AP(SG)/Mech.	Member
Ms.S.Karthika, AP/ECE	Member
Ms.R.K.Aishwaryalakshmi, AP/CSE	Member
Mrs.R.Gurulakshmi	Assistant
Mr.S.Chandrasekaran	Assistant
Ms.S.Geetha	Assistant
Mr.P.Ponraj	Attender

Training & Placement Centre

Dean : Dr.K.G.Srinivasagan, Prof.&Head/IT

Convenor : Mr.V.Manimaran, AP(SG)/IT

Members

Dr.N.B.Prakash, Prof./EEE	Dr.S.Dheenathayalan, AP(SG)/CSE
Dr.P.Ramanan, AP(SG)/Mech	Mr.M.Sathish Kumar, AP(SG)/ECE
Dr.S.Rajagopal, AP(SG)/IT	Mr.M.Francis David, AP/Civil
Mr.B.Radhakrishnan, Asst.	
Mr.K.V.Gopikrishnan, Attender	

- Organizes campus recruitment programme for final year students.
- Conducts need based competence building programmes and company specific training programme for the students.
- Organizes training programmes on Aptitude, Group Discussion & Interview Techniques for pre final year students to equip them to face campus recruitment.
- Organizes career awareness programmes and career focus programmes for second year students to choose right careers.
- Organizes In-plant training in Industries for students during semester holidays.
- Organizes Communicative English Course for all the first year students to improve their communication skills.

Office of the Dean (Academic)

The office of the Dean(Academic) was established in the year 2010 to administer all academic courses of the Institution. This office is responsible for organizing meetings of all academic bodies such as Syllabus Committees, Board of studies, Standing Committees and Academic Council to frame the Regulations, Curriculum and Syllabi for all the UG and PG programmes as per the guidelines given by the UGC, AICTE and Anna University, Chennai. This office also periodically revises the UG & PG Regulations, Curriculum and syllabus of all branches of Engineering, Technology, Science and Humanities.

Dr.S.Tamilselvi, Prof./ECE & Dean (Academic)

Members

Dr.K.Mohaideen Pitchai, Prof./CSE

Dr.W.Beno Wincy, AP/Mech.

Office of the Dean (R&D)

Vision: To converge knowledge, intellectuals, and resources for technological innovations

Research and Development is an important activity in achieving academic excellence. Recognizing this, NEC has set up a separate Research and Development Cell to develop and nurture the state-of-the-art research activities at the college.

Dr.M.A.Neelakantan, Prof.&Head/S&H, Sr.Dean(I&FA)/Dean (R&D)

Dr.R.V.Maheswari, Prof./EEE

Coordinator

Dr.P.Ramanan, AP(SG)/Mech.

Member

Mr.V.Mansur Alikahan

Assistant

External Members

Dr. R Brakaspathy,

R&D Advisor,
IIT- Madras, Chennai.

Dr. Debasis Samanta,

Associate Professor,
Dept. of CSE, IIT-Kharagpur.

Dr. J Klutto Milleth,

Chief Technologist,
Center of Excellence in Wireless
Technology (CEWiT),
Adjunct Faculty/Electrical Engg.,
IIT- Madras, Chennai.

Dr. Murugan Karuppiah

Scientist "E"
International Advanced Research Centre,
for Powder Metallurgy and New Materials (ARCI),
Balapur P.O., Hyderabad: 500 005

Role and responsibilities:

- The primary role of the Research Advisory Board (RAB) is to guide in establishing a research ambience with adequate state-of-art infrastructures at recognized research centers of the Institution.
- The RAB comprises the Director, Principal as Chairperson, Dean, Research and Development, three internal members, and Four external members from scientific R&D Labs, Industries, and academic leadership with research competency in emerging research fields related to the specializations of each research centre with three years term.
- The RAB shall meet once in a semester or as needed.
- The RAB will review R&D proposals and collaborative outreach projects yearly, including half-year meetings.
- The RAB will provide recommendations on extending Institutional Seed Money support for R&D project ideas based on their scientific merits, such as objectives, the feasibility of the study, the principal investigator's previous track record, and expected outcomes in alignment with the Institution's short-term strategic plan.
- The RAB members will provide critical and constructive feedback for the research supervisors based on the research scholar's progress and accomplishments.

Funding agencies like BRNS, DST, CSIR, DBT, DRDO, ICMR, IGCAR, UGC, AICTE, CS(I), and EPICS in IEEE have sanctioned 35 sponsored research projects worth Rs.6 Crores. Currently, 2 R&D projects worth Rs.49 Lakhs are ongoing.

DST-FIST (Level-0) sponsored the Institute, Rs.96 Lakhs and supported two research centres with advanced research facilities and PG labs.

Since March 2018, the Institutional Fellowship Scheme is being

"Wherever you go, go with all your heart" Confucius

practiced introduced to improve the quality of academic research of the full-time research scholars with a fellowship worth Rs.10,000/- per month for a maximum period of 3 years.

Seed money funding has been provided to 7 project proposals worth Rs.17,98,800/- to promote research competency in emerging areas. Special emphasis has been focused on the continual improvement of each department's Research and Development activities. The faculty members are encouraged to submit research proposals for funding to address the socio-technical issues and challenges and communicate their research findings for publishing in reputed journals.

Presently, 74 faculty members have Doctoral Degrees, and 37 faculty members are recognized as supervisors by Anna University Chennai. Sixty-two faculty members are pursuing their Ph.D. Presently 19 full-time scholars and 41 part-time scholars are pursuing their research. So far, 169 Ph.D. scholars have been awarded from the NEC research centers.

Discipline Committee

Dr.K.Kalidasa Murugavel	Principal
Dr.A.Shenbagavalli	HOD/ECE
Dr.K.Manisekar	HOD/Mech
Dr.V.Gomathi	HOD/CSE
Dr.M.A.Neelakantan	HOD/S&H
Dr.R.V.Maheswari	Asso.Warden /Ladies Hostel
Dr.S.Iyahraja	Asso.Warden/Gents Hostel

Strategic Planning & Quality Assurance Cell (SPQAC) & Internal Quality Assurance Cell (IQAC)

Coordinator	: Dr.L.Kalaivani, Prof./EEE
Co-Coordinator	: Dr.M.Bakruthen, AP(SG)/EEE

Members

Dr.R.Harichandran, Prof./Mech	Dr.T.Sakthi, AP(SG)/Hum.
Dr.V.Suresh, Asso. Prof./ECE	Mrs.S.Sasireka, AP/S&H
Dr.L.Jerart Julius, Asso. Prof./IT	Mr.B.Gowtham, AP/Civil
Dr.S.Dheenathayalan, AP(SG)/CSE	Mr.S.Prabakaran, HR Manager

To develop a system for conscious, consistent and catalytic improvement in the performance of institution and to channelize all the efforts and measures taken by the institution towards promoting academic excellence globally, an

Internal Quality Assurance Cell (IQAC) has been constituted in 2013 with the following quality policy.

“NEC is committed to the culture of quality through the process of continuous monitoring and improvement by developing a student centric approach which provides a conducive learning environment with the ambience of creativity, wisdom and team spirit to orient and talents of students with human values for making a positive contribution to society”.

Time Table (Theory & Practical)

Convener : Mrs.G.R.Hemalakshmi, AP(SG)/CSE

Members

Dr.S.Chidambaram, AP(SG)/IT	Mr.R.Jayavenkatesh, AP/Mech
Ms.J.E.Jeyanthi, AP(SG)/ECE	Dr.B.Annaraj, AP/S&H
Mr.Samuel Pakianathan, AP/EEE	Mr.S.Danielraj, AP/Civil

Tamilnadu State Council for Science & Technology

Co-ordinator : Dr.S.Thalamuthu, Asso.Prof./S&H

Parents Teachers Association

Convener : Dr.P.Ramanan, AP(SG)/Mech.

Member : Dr.J.Naskath, AP(SG)/CSE

Two meetings are conducted annually, to discuss about different issues / activities related to the growth of the students and the institution.

Alumni Association

Coordinator : Dr.K.G.Srinivasagan, Prof.&Head /IT

Alumni Network Coordinator : Dr.T.Vijayanandh, AP(SG)/ECE

Co-Coordinator : Dr.D.Vigneshkumar, AP(SG)/Mech.

Members

Dr.M.Bakruthen, AP(SG)/EEE	Ms.V.Anitha, AP/IT
Mr.A.Shenbagaraman, AP/CSE	Mr.S.M.Murali Ram Kumar, AP/Civil

- Alumni Chamber is established with the world class audio/video conference facility with 200 seats.
- Silver Jubilee Reunion is organized and celebrated every year.
- Conducting Seminar on latest trends in industry.
- Financially assisting the innovative projects.
- Providing job opportunity through our Alumni.

Institution and Learning Management System (I&LMS)

Convener : Dr.D.Venkat Kumar, Asso. Prof./Mech
 Member : Mr.S.Solaisamy, System Admin/Mnte

Software Development Team

Coordinator : Dr.S.Kalaiselvi, Asso.Prof./CSE
 Member : Mr.S.Rajesh Kumar, AP/CSE
 Mr.B.Gurumoorthy, Software Developer

ERP

Coordinator : Mr.Y.Jerald Jaikins, Software Engineer

To improve our Institution's productivity towards paperless office, InsProPlus (Institution Productivity Plus) Software serves as a perfect solution. At present, the modules in practice are

- Student Management
- HR Management
- Central Library Management
- COE Administration
- Automatic SMS for absentee, Reports e-circular Notifications
- Online Web-portal for staff and students
- Smart card for Staff & Student
- Academic Management
- Hostel Management
- Finance Management
- Certificate Issue
- Performance Reports, Access Online-Entries and Enquires.
- Online leave application and approval

This system helps the Management, Director, Principal, HODs and Faculty to view the academic details of the student. Also, the parent / guardian can obtain information about their ward through mobile via SMS or Web portal services. InsProPlus has been installed and available at our premises since August 2011 and is technically supported by M/s.Palpap Ichinichi Software International Limited, Chennai.

Institution Industry Cell

Convener : Dr.V.Suresh, Asso.Prof./ECE

Members

Dr.A.Saravana Selvan, AP(SG)/ECE	Dr.S.Dheenathayalan, AP/CSE
Dr.S.Sankarakumar, AP(SG)/EEE	Dr.B.Annaraj, AP/S&H
Dr.D.Vigneshkumar, AP(SG)/Mech	Mr.V.Arulpandian, AP/Civil
Mr.V.Manimaran, AP(SG)/IT	

KR Innovation Center & Institution Innovation Council

Chief Executive Officer : Dr.G.Vinodh
 Coordinator : Dr.K.Manisekar, Prof. & Head/Mech

Members

Dr.T.Sakthi, AP(SG) / Hum.	Mr.S.Rajesh Kumar, AP/CSE
Mr.B.Ganapathy Ram, AP(SG)/ECE	Mr.V.Arul Pandian, AP/Civil
Mr.M.Sivapalanirajan, AP/EEE	Mr.P.G.Siva Sharma Karthick, AP/IT
Ms.J.E.Jeyanthi, AP/ECE	Mr.K.Pradeepraj, AP/Mech.
Dr.B.Annaraj, AP/S&H	

EDC (Entrepreneurship Development Cell) and NewGen IEDC

Coordinator : Dr.I.Sankar, AP(SG)/Mech.
 Co-cordinator : Mr.M.Sivapalanirajan, AP/EEE

Members :

Dr.G.Sivagama Sundari, AP(SG)/CSE	Mr.M.Sathishkumar, AP(SG)/ECE
Dr.D.Vigneshkumar, AP(SG)/Mech	Dr.A.Nichelson, AP/S&H
Mr.B.Venkatasamy, AP(SG)/EEE	Mr.V.Arul Pandian, AP/Civil

- Organizing orientation programmes, Faculty development programmes for the faculty members and Entrepreneurship Awareness Camps for the students to inculcate Entrepreneurial spirit and culture among them.
- Developing entrepreneurship student groups and to motivate them to start up a business.
- Assisting the students who wish to become entrepreneurs in sourcing finance, identifying market, preparation of business plan and product development.
- Inviting speakers from Financial and Venture Capital institutions to enlighten on schemes and assistance existing to promote new ventures.
- Conducting interactive sessions with the successful entrepreneurs and create a mentorship scheme for student entrepreneurs.
- Guiding the students and providing them facilities through innovative Centre to convert their innovative ideas into useful products to the society.

Technobation Center

Coordinator : Dr.V.Kalaivani, Prof.&Head/AI&DS

Members

Dr.N.Arumugam, Asso.Prof./ECE	Ms.M.Balamaheswari, AP/Civil
Mr.A.Shenbagaraman, AP/CSE	Ms.S.Santhi, AP/IT
Mr.K.Thoufiq Mohammed, AP/Mech	Mr.N.B.Rajesh, AP/EEE

Intellectual Property Rights Cell(IPR)

Secretary : Dr.M.Bakruthen, AP(SG)/EEE
 Member : Mr.A.Andrews, AP/Mech.

International Studies

Coordinator : Dr.E.Ramachandran, AP/S&H
 Members : Mr.K.Kumar, AP/EEE
 : Dr.B.Annaraj, AP/S&H
 : Dr.W.BenoWincy, AP/Mech

Extension Activities Coordination Cell

Coordinator : Dr.V.Kalaivani, Prof.&Head/AI&DS
 Members : Mr.K.Sudalaiyandi, AP/Mech.
 : Mr.K.Karthik Kumar, AP/EEE

PROFESSIONAL SOCIETIES

ISTE Students Chapter

Convener : Dr.Manjula Devi, AP(SG)/ECE

The ISTE students chapter was established in our college during the year 1993. The major objectives of this chapter are to provide quality training programmes to students of technical institutions to update their knowledge and skills in their fields of activity, to assist and contribute in the production and development of top quality professional engineers needed by the industry and other organizations, to provide guidance and training for students to develop better learning skills and personality and to formulate the general goals and responsibilities of technical education. The chapter is cultivating the technical talents of the students, providing training to the students to become "Master Students", arranging expert lectures, encouraging innovation and excellence in students through various means, promoting better career development opportunities and services for students, extending full support for all the National seminars and technical events in the college, enhancing the self-confidence and self-esteem of students and conducting various competitions within the college to enhance their competency and presentation skills of the students. Above 300 students of our college have registered themselves in this society.

ISTE Staff Chapter

Convener : Mrs.B.Shunmuga Priya, AP/CSE

Indian Society for Technical Education staff chapter is functioning in our

"It isn't where you came from. It's where you're going that counts" Ella Fitzgerald

college from the year 1988. It is a professional technical body, aims at importing quality technical education to the student community. About 104 faculty members of our institution have registered themselves as life-time member of this society.

Computer Society of India (Students' Branch)

Convener : Dr.S.Chidambaram, AP(SG)/IT

Member : Mr.K.Rajkumar, AP/CSE

A Unit of CSI Students' Chapter has been functioning in our College since 1992. The Branch brings out the intellectual skills of the students by hosting Symposium, Workshop, Special lectures, Seminar, Animation contest, Soft skill Development, Aptitude test, debate and Group discussion. Amidst its credit, the Chapter organized National Level Technical Symposium (NECSI) and National Conference NACCA. In the past years, the Chapter has received Best Students' Branch Award 11 times in Region VII and Highest Committed Student activist award was received by 11 students.

IEEE Student Branch

Convener : Dr.T.S.Arun Samuel, Prof./ECE

Members

Dr.N.Jerart Julius, Asso. Prof./IT

Mr.A.Shenbagharaman, AP/CSE

Dr.B.Vigneshwaran, AP(SG)/EEE

The Student Branch of IEEE, USA was started in our college in 1991 with the aim of developing technical skills among the students. It organizes inter college project exhibition, technical symposium, workshops, seminars and various technical activities every year for the benefits of the students.

IEEE Computer Society (Students Chapter)

Counselor : Dr.V.Gomathi, Prof. & Head/CSE

Convener : Dr.S.Kalaiselvi, Asso. Prof./CSE

Members : Dr.N.Jerart Julius, Asso. Prof./IT

Ms.D.Thamarai Selvi, AP/CSE

IEEE Computer Society Student Branch Chapter (SBC 35441A) has been established in our college during the academic year 2013-14. The motive and scope of this chapter is "To advance the theory, practice and application of computer and information processing by means of science and technology". Through the Society we organize workshops, Conferences, Technical Sessions and several technical events to sharpen the student's technical skills. The society also organizes FDPs for updating the latest trends and technologies for the betterment of faculty members. It provides opportunity for IEEE members

and IEEE Computer Society members to frame knowledge network, expand activities for professional development and share expertise through technical exchange.

Institution of Engineers(I) Staff Chapter

Coordinator : Dr.S.Sankara Kumar, AP(SG)/EEE

The IE (I) staff chapter was established in our college during the year 2007. The objective of this chapter is to have information sharing among the teaching and industries institution. Around 40 staff members have enrolled in various categories as Fellow, Member & Associate Member.

Institution of Engineers (I)- Staff Chapter (Code: 628503)

Advisor : Dr.M.P.E.Rajamani,AP(SG)/EEE

Members

Mr.B.Ganapathiram, AP(SG)/ECE	Ms.S.Santhi, AP/IT
Mr.C.Veera Ajay, AP/Mech.	Ms.S.Bhvaneshwari, AP/Civil
Ms.M.Kanthimathi, AP/CSE	

1. Institution of Engineers (India) Students' chapter started on 23.06.2004 in our college.
2. Several technical events are arranged on various topics for the benefit of the students, branch wise.
3. The chapter arranges annual scholarships for academically good and economically backward students from IE(I) Chapter, Kolkata.
4. Students have been sanctioned with R&D project grants from IE(I).

IETE Students' Forum

Convener : Mr.C.Balamurugan, AP(SG)/ECE

Member : Ms.S.Karthika, AP/ECE

The Institution of Electronics and Telecommunication Engineers (IETE) is India's leading recognized professional society devoted to the advancement of Science and Technology of Electronics, Telecommunication & IT. The Institution provides leadership in scientific and technical areas of direct importance to the national development and economy. The government of India has recognised IETE as a Scientific and Industrial Research Organization (SIRO) and also it is notified as an Educational Institution of National Eminence. IETE organizes technical meetings, symposium, workshops, project exhibitions and career advancement programmes every year.

Society for Manufacturing Engineers (SME)

Secretary	: Dr.F.Michael Thomas Rex, AP(SG)/Mech
Treasurer	: Dr.S.Iyahraja, Prof./Mech.
Joint Secretary	: Mr.S.R.Sundara Bharathi, AP/Mech.
Administrative Members	: Dr.A.Arul Marcel Moshi, AP(SG)/Mech
	Mr.A.Andrews, AP/Mech
Technical Asst.	: Mr.R.Sathish Kumar Raja, Tech./Mech.

The Society for Manufacturing Engineers (SME) is a professional body that offers engineers, scientists, manufacturers and students an opportunity to disseminate technical concepts and knowledge by becoming a member and joining together as a family to explore recent developments in the manufacturing field. Journal of Manufacturing Engineering (JME) is an outcome of efforts made by the Society for Manufacturing Engineers, a forum shared by Academic, R&D institutions and industry. The journal aims at integrating the advances that are taking place in these diverse sectors. The scope includes all aspects of Science, Technology and Engineering relevant to Manufacturing. JME has nearly 200 subscribers from all over India. JME has published 16 Volumes so far with quarterly issues.

Society of Automotive Engineers - Student Chapter

Coordinator	: Dr.D.Vignesh Kumar, AP(SG)/Mech
Co-coordinator	: Dr.W.Beno Wincy, AP/Mech

“SAE INDIA National Engineering College Collegiate Club” was initiated in the year 2008 and presently functioning with 105 student members. The objective of the club is to enhance the knowledge of students in the area of recent developments in automotive sector. Many programs and expert lectures by eminent persons are organized on behalf of the club. The regularly updated SAE website including free access to magazines are used by the student members for their knowledge upgradation. The programs planned by SAE are in the view of showcasing the talents of student members. The interests of students are overwhelming to take part in the club.

Indian Society of Heating Refrigerating and Air Conditioning Engineers (ISHARE) Students Chapter

Faculty Advisors	: Dr.S.Iyahraja, Prof./Mech.
	: Mr.N.Muthu Saravanan, AP/Mech.

ISHRAE Students chapter encourage the students to opt for careers in the HVAC&R industry. Knowledge dissemination is done through seminars,

Convener : Dr.S.Rajagopal, AP(SG)/IT
Member : Mr.P.G.Siva Sharma Karthick, AP/IT

Curriculum Lead : Dr.V.Gomathi, Prof. & Head /CSE
SPOC : Mrs.G.Menalosani, System Programmer/CSE

As many industries have shifted their infrastructure to cloud platform, In the recent days the demand for IT Infra Management is growing exponentially. To promote this huge opportunity to the students, CSE department has signed an MoU with Red Hat Academy India Ltd., Mumbai and established Red Hat Academy in our campus on 21.11.2018. Red Hat Academy offers Linux based curriculum courses with hand-on practices, performance-based testing and all essential elements towards Global certifications. Certifications are world's most acclaimed IT certifications in its category. Offering these certifications, can add a better value for the students in global IT sectors.

Curriculum Lead & SPOC	: Dr.K.Mohaideen Pitchai, Prof./CSE
Instructors	: Dr.R.Muthukkumar, Prof./IT Dr.S.Chidambaram, AP(SG)/IT Mr.A.Shenbagharaman, AP/CSE
Technical Assistant	: Ms.S.Mano Sangeetha, Lab. Tech./CSE

CISCO Networking Academy was launched at NEC, in 2010 and since that time it has been regularly offering Cisco Certified Network Associate (CCNA) certification course. The program gives students the foundation for a digital career. The curriculum builds their core technical skills, while developing the communication, collaboration, and problem-solving abilities needed in today's economy.

About Cisco Certified Network Associate

Cisco Certified Network Associate (CCNA) is a popular industry certification program in computer networking developed by Cisco Systems. Upon successful completion of the course and final examination, a student is certified with CCNA. The 200-125 CCNA is the composite exam associated with the Cisco Certified Network Associate Routing & Switching certification. This exam tests a candidate's knowledge and skills required to install, operate, and troubleshoot a small to medium size enterprise branch network. The validity for CCNA Certification is 3 years. Renewal requires certification holders to register for and pass any same or higher level Cisco recertification exam(s) for every 3 years.

Industrial Visit

From 2017 onwards, the group of students are allowed for industrial visit at CISCO Systems, Bangalore. Around 450 students from all the discipline have been successfully completed the CCNA module level course and nearly 5 students got the CCNA industrial certification.

Mistral Academic Clubs

Faculty Advisors

Embedded Domain : Mr.I.Vivek Anand, AP(SG)/ECE

Linux Domain : Dr.J.Naskath, AP(SG)/CSE

Artificial Intelligence Machine Learning Domain : Mrs.G.R.Hemalakshmi,
AP(SG)/CSE

Robotics & Autonomous Vehicle

Mr.B.Venkatasamy, AP(SG)/EEE Mr.K.Sudalaiyandi, AP/Mech.

Equal Opportunity Cell

Convener : Dr.A.Shenbagavalli, HOD/ECE
Members

Dr.V.Kalaivani, Prof.&Head/AI&DS Mr.D.Vignesh Kumar, AP(SG)/Mech.

Dr.N.B.Prakash, Prof./EEE Dr.S.Thalamuthu, Asso. Prof./S&H

Website Maintenance

Mr.S.Solaisamy, System Admin / Maintenance

Social Media

Coordinator : Dr.E.Ramachandran, AP(SG)/S&H

Co Coordinator : Ms.S.Rajeswari, AP/S&H

Member : Mr.M.Arul, AP/S&H

EXTRA CURRICULAR ACTIVITY COMMITTEES

Sports Committee

Secretary : Mr.K.Raghu, Physical Director
 Member : Ms.S.Geetha, Physical Directress

National Cadet Corps (NCC) - Unit - I

Coy No. : 2/9(TN)Sig. Coy.NCC
 Sanctioned Strength : 100 Cadets
 Coy Commander : Captain N.B.Prakash, Prof./EEE

- The NCC Unit was raised in our college with the approval of DG. NCC, New Delhi on 28.10.2005 with the sanctioned strength of 100 cadets with the affiliation of 9(TN) Sig. Coy. NCC, Tirunelveli.
- The NCC training parades are conducted on Tuesdays, Thursdays and Odd Saturdays. During each parade, cadets are provided with refreshment as per Govt. norms. The NCC cadets go through drills, weapon training, firing practice, map reading etc during the training sessions.
- As per Govt. Policy (33% Girl's reservation), girl cadets have been enrolled in our unit since 2014.
- The NCC cadets are regularly participating in various camps which include Republic Day Camps, National Integration Camp, Adventure Training Camp, Leadership Camp, Thal Sainik Camp, Shooting Camps, Combined Annual Training Camp, Sports Camp etc..
- To inculcate team spirit among NCC cadets, various competitions are conducted which include best platoon for drill, weapon training, best firer, sports and athletics etc. The winners are awarded with prizes and certificates during the NCC Day celebration.

National Cadet Corps (NCC) - Unit - II

Coy No. : 5-3(TN) Girls BN.NCC
 Sanctioned Strength : 104 Cadets
 Coy Commandar : Lieutenant. G.R.Hemalakshmi, AP(SG)/CSE

- The NCC Girls Wing was raised in our college with the approval of DG. NCC, New Delhi on 09.08.2016 with the sanctioned strength of 108 girl cadets with the affiliation of 3(TN) Girls BN NCC, Tirunelveli.
- The NCC training parades are conducted almost on Wednesdays, Fridays and Odd Saturdays. During each parade, cadets are provided with refreshment as per Govt. norms. The girl cadets go through drills, weapon

training, firing practice, map reading etc during the training sessions.

- The NCC cadets are regularly participating in various camps which include Republic Day Camps, Adventure Training Camp, Leadership Camp, Shooting Camps, Combined Annual Training Camp, Sports Camp etc.
- Various programs have been conducted by this unit which includes Yoga Day, Outdoor skill development and Polio Campaign etc.
- To inculcate team spirit among NCC cadets, various competitions are conducted which include best platoon for drill, weapon training, best firer, sports and athlete competition etc. The winners are awarded with prizes and certificates during the NCC Day celebrations. The girl cadets are actively participating in the NCC activities and were motivated to join armed forces.

National Service Scheme (NSS)

Programme Officer (Unit I) : Mr.K.Subramanian, AP(SG)/ECE

Programme Officer (Unit II) : Ms.S.Sasireka, AP/S&H

We provide opportunity for the students to develop their personality through community service. We have 2 units comprising 100 Volunteers each. The first unit was started in the year 1984. Due to overwhelming response from the students the second unit was started and has been functioning from 1999. These units provide opportunity for those who wants to serve the community around the institution. Activities such as Tree plantation, Orientation programme, soft skill development programme, Fire and Safety awareness programme, General Medical camp, creating awareness among village people etc. are conducted regularly.

In addition, every year one week Special Camps are conducted in villages, covering General medical camp, Computer training for rural adopted school students, Eye camp, Veterinary camp, Tree plantation, Renovation of village roads and Cleanliness programme in and around the village. During the camp awareness programmes are conducted for the villagers every evening.

Fine Arts Club

Convener : Ms.S.Rajeswari, AP/S&H

Member : Ms.M.Balamaheswari, AP/Civil

The prime aim of the Fine Arts club of NEC is to explore the hidden talents of the students, and to offer opportunities to expose their potential. Intra-collegiate level cultural fest (YUFONEC) is celebrated every year in our premises. The orchestra team of NEC is flourishing the dreams of the students

towards music. Various events such as carving, painting, instrument play, singing, dance, mime, ramp walk, elocution, essay writing and poem writing, etc., are being conducted throughout the year by the club executive members. National events and other special days are celebrated by the club members; also varieties of awareness programs are periodically conducted. Through the Fine Arts club our college students are participating in the cultural programs conducted by other Institutions, and showcasing their talents.

Rotaract Club

Convener : Mr.S.Cammillus, AP(SG)/ECE

Member : Dr.H.Bhoomeswaran, AP/S&H

Rotaract club is part of a global effort to bring peace and international understanding among world. We are a non-religious, non-political and non-profit organization which is involved in community and international service. They are open to people who are between the age of 18 and 30. The Rotaract club has been functioning since 1988 in our college. The club provides an excellent opportunity for those students who desire to serve the society and to develop themselves.

Junior Jaycee Wing

Convener : Mr.K.Kumar, AP/EEE

Member : Dr.M.Aravind, AP/S&H

The Junior Jaycee wing of National Engineering College performs effectively and efficiently with the motto of 'Sharing Knowledge'. It also helps in building a better platform for NEC's budding engineers to enhance their soft skills, social skills to develop their interpersonal skills by organizing various college level events and training programmes. The achievements of the Jaycees are peerless.

Youth Red Cross & Blood Donors Club

Convener : Mr.S.Subash, AP/S&H

Youth Red Cross has been functioning in our College since 1998 which is recognized by Anna University. The club provides social awareness among the students and motivates them to take part in the activities like blood donation, environmental cleanliness, etc.,

Red Ribbon Club

Convener : Ms.S.Thangam, AP/S&H

The club was started in March 2006. The objective of the club is to create awareness among students about AIDS and to promote Voluntary Blood Donation.

"The two most powerful warriors are patience and time" Leo Tolstoy

Youth Welfare Association

Coordinator : Ms.S.Kaniselvi, AP/S&H

In 1997, YWA was started in our college, Now a days youngsters are extremely gifted and talented. With great power to change the destiny of the country, the youth is capable of doing so much to bring the country on the path of progress and prosperity.

Youth Welfare Association (YWA) encourages the students' activities contributing towards their self expression, personality development, excellent character formation and organized action in the service of the community and the nation. The aim of the YWA is to extract the hidden talents and to create promising youths of NEC by holding competitions in various fields viz., Essay writing, poetry, handwriting and drawing competitions etc. These activities are intended to impart the significance of Education and Environmental Issues among students.

QUIZ - Club

Convener : Mr.M.Arul, AP/S&H

Quiz Club is activated in our college to promote awareness about current scenario and to update the knowledge of the students.

Science Club

Coordinator : Dr.B.Annaraj, AP/S&H

Member : Dr.A.Panimaya Valan Rakkini, AP/S&H

The Science Club creates a curiosity and awareness on career opportunities in the field of Science and Technology. The club organizes national and local conferences, symposia, seminars, workshops and promotes exchange of scientific information, materials, ideas, values and methodology among the students and public. This club also provides crosscutting knowledge of the most recent developments in the field of science. The club aims to provide a chance to its members to share the knowledge of eminent scientists and their research experience.

Maths Club:

Coordinator : Dr.T.Arjun, AP/S&H

The Prime objective of the club is to develop the problem solving skills among the students. Aptitude training programs are conducted for the students with aim of getting placed in the campus interviews. The club helps the students for preparing GATE and other competitive examinations. It arranges seminars, Guest Lectures, Motivation classes for the students.

"Freedom comes from strength and self-reliance" Lisa Murkowski

Literary Club

Coordinator : Mrs.S.Jeba, Soft Skill Trainer

The Literary club aims to equip students, to acquire mastery on linguistic skills with the art and style of expressing oneself vividly and eloquently. With the view to enhance the writing skills of the students, the club puts its utmost care, keeping in mind the level of creativity, imagination and instantaneous thinking, they possess. It also aims at fostering a passion for fabricating literary works in different genres.

Yoga Club

Convener : Dr.S.Tamil Selvi, Prof./ECE & Dean(Academic)

Member : Ms.S.Bhuvaneswari, AP/Civil

Organizing one year diploma certificate course on “Yoga for Youth Empowerment” for club members which includes:

- Simplified physical Exercise (simple synchronous and scientifically evolved yoga exercise to enhance vital circulations and natural immunity).
- Life Force Meditation (improves calmness of mind, enhances will power, cultivates awareness, promotes intellectual sharpness and clarity of thinking).
- Kaayakalpa (to enhance vital energy, thereby slowing down ageing process and maintaining health and youthfulness).
- Self Introspection (Analysis of Thoughts, Moralization of Desires, Neutralization of Anger, Eradication of Worries and Realization of Self).
- Surya Namaskaram which includes 12 asanas.
- Mudras (overall good health)

Readers Park

Convenor : Dr.S.Tamil Selvi, Prof./ECE & Dean(Academic)

Coordinator : Dr.K.Karunai Raghavan, Librarian

Reading is a creative, mind expanding, adventurous and an exciting activity. Through reading, we can experience what it is like to be somebody else of different age, culture, in a different society, another part of the world, another time in history. Readers embark on a journey every time they open a book.

In order to promote reading skills of the students, activities related to Readers Park are considered and incorporated as One Credit Non-CGPA Course under the allied skills category in NCG21 Co / Extra-curricular activities of Regulation 2015.

ECO Club

Convener : Mr.I.Vivek Anand, AP(SG)/ECE
 Member : Dr.B.Vigneswaran, AP(SG)/EEE

GENERAL COMMITTEES**Internal Complaints Committee (ICC)**

Convener : Dr.V.Gomathi, Prof.& Head / CSE

Members

Dr.R.V.Maheswari, Prof. / EEE & Assoc. Warden / Ladies Hostel
 Dr.S.Iyahraja, Prof./Mech, & Asso. Warden / Gents Hostel
 Dr.S.Geetha, AP(SG)/S&H
 Dr.R.Manjuladevi, AP(SG)/ECE
 Mrs.S.Bairavi, OA / ECE
 Mr.S.Palraj, OA/ Mech.
 Ms.S.Suji, Student / UG
 Ms.R.Sowmini @ Mahalakshmi, Student / PG
 Ms.I.Muthu Selvi, Student / Research Scholar
 Mrs.R.Lalithambigai, Official-NGO

Gender Equity Cell

Chair Person : Dr.K.Kalidasa Murugavel, Principal/NEC
 Convener : Dr.J.Naskath, AP(SG)/CSE

Members

Mr.S.Cammilus, AP(SG)/ECE Dr.C.Chella Gifta, AP(SG)/Civil
 Mr.P.Samuel Pakianathan, AP/EEE Ms.P.Mala, AP/S&H
 Ms.V.Anitha, AP/IT

Prevention of Sexual Harassment (POSH) Cell

Chair Person : Dr.D.Manimegalai, Prof./CSE
 Secretary : Ms.N.Gowthami, AP/IT

Members

Dr.R.V.Maheswari, Prof./EEE Dr.R.Manjula Devi, AP(SG)/ECE
 Dr.S.Geetha, AP(SG)/S&H Ms.M.Balamaheswari, AP/Civil
 Dr.S.Rajakumari, AP(SG)/CSE

SC/ST Committee

Convener : Dr.C.Chella Gifta, AP(SG)/Civil

Members

Dr.F.Michael Thomas Rex, AP(SG)/Mech Mr.M.Franchis David, AP/Civil

Dr.E.Ramachandran, AP/S&H

OBC Cell

Convener : Mr.R.Vijayakumar, AP(SG)/Mech.

Members

Ms.S.Karthika, AP/ECE Ms.G.Ramya, AP/IT

Ms.R.Vazhan Arul Santhiya, AP/CSE

Minority Cell

Convener : Dr.K.Mohaideen Pitchai, Asso. Prof./CSE

Members

Dr.S.Geetha, AP(SG)/S&H Mr.I.Vivek Anand, AP/ECE

Mr.P.Samuel Pakinathan, AP/EEE Ms.Basitha Parveen, AP/S&H

Student Counselor Committee

Convener : Dr.C.Puthiya Sekar, Prof. & Head/Civil

Members

Dr.A.Vanitha, Doctor Dr.V.K.Anand, Doctor

Ms.V.Anitha, AP/IT Mrs.V.Vasanthalakshmi, Psychologist

Hostel**Gents Hostel**

Dr.S.Iyahraja, Prof./Mech. Asso. Warden

Dr.S.Chithirai Kumar, AP/S&H Asso. Warden

Residential Wardens

Mr.Marichamy, Diploma Mech. Mr.Velraj, B.com.,

Ladies Hostel

Dr.R.V.Maheswari, Prof./EEE Asso. Warden

Mrs.A.Annapoopathi, AP/S&H Asso. Warden

Ms.M.Bhagavathi, B.com., Residential Warden

Bulletin Committee

Ms.N.Vidhya, AP/S&H

Ms.A.Shunmugam, Lab.Technician/IT

Canteen & Cafeteria

Coordinator : Dr.S.Iyahraja, Prof./Mech.

The canteen and cafeteria provides all types of snacks, meals, fruit juices and drinks like coffee, tea and milk.

Govt. Examinations

Members : Dr.S.Rajagopal, AP(SG)/IT
: Mr.R.Vijayakumar, AP(SG)/Mech.
: Dr.S.Chithirai Kumar, AP/S&H

Transport

Mr.B.Prince Abraham, AP/Mech Transport Officer

Website Maintenance

Convener : Dr.P.Ramanan

Members

Dr.S.Chidambaram, AP(SG)/IT	Ms.D.Thamarai Selvi, AP/CSE
Mr.C.Veera Ajay, AP/Mech	Mr.B.Venkatasamy, AP(SG)/EEE
Mr.R.Raghul, AP/EIE	Mr.S.Danielraj, AP/Civil
Mr.S.Saravana Selvan, AP(SG)/ECE	Ms.S.Karpaga Selvi, AP/S&H

Press

Convener : Dr.K.Karunai Raghavan, Librarian
Members : Mr.R.Vignesh Kumar, AP(SG)/Mech.
: Mr.A.Arumugam, Machinist/Mech.
: Office Assistants of all departments

Business Incubator Cell

Chief Executive Officer : Dr.G.Vinodh
Coordinator : Dr.K.Manisekar, Dean
Member : Dr.T.Sakthi, AP(SG)/Hum.
Member : Mr.B.Ganapathy Ram, AP(SG)/ECE

NEC-Business Incubation Center (NEC-BIC) approved by MSME, Government of India is established in the year 2015 and supported five ideas / projects of our Alumni worth of Rs.29.39 lakhs through MSME, New Delhi for developing new products. Further, Forum is used to extend our partnership with the community including academicians, entrepreneurs by providing guidance through our experienced faculty and technological support thereby creating sustainable business models.

In addition to this, NEC also provides a conducive atmosphere for startups which can grow and prosper in this region.

Physical Education

Exercise for the body is as essential as education to the mind. The aim of physical education is to achieve : “A Sound Mind in a Sound Body”

We provide ample opportunities for the players to participate in the Collegiate, Inter-Collegiate, University, State and National Tournaments. We have adequate facilities for both indoor and outdoor activities.

Facilities for Indoor Games : Table Tennis, Carrom, Chess and Badminton.

Multi gym : 16 Station multi gym besides the indoor.

Facilities for Outdoor Games : Well equipped Basket Ball concrete court with fibre glass board, Hockey Field, Volley Ball Courts, Foot Ball Ground, Kabaddi Courts, Cricket Ground, Ball Badminton Courts, Hand Ball Court and Tennis Courts.

Track and field : 400 mts Track and field area facility is available for the athlete to improve their personal records.

HOSTELS

Gents Hostel

- Two men hostels which can accommodate about 800 students with sophisticated dining halls are available.
- Separate kitchens and dining halls are allotted for vegetarian and non-vegetarian with self service system in both hostels.
- Both the messes are running under dividing system.
- Solar Steam cooking system worth Rs.27 Lakhs is installed in hostel mess.
- Modernized cooking machines [Cooking Mixer, Cooking Oven(Convorthem) and Automatic Chappathi & Poori Machine] worth Rs.23 Lakhs are used to cook hygienic food to the students.
- For drinking purpose, mineral water plants are commissioned in each hostel with a capacity of 250 litres / hr with water Cooler.
- 48” LCD TV with DTH and home theater facilities are provided to entertain the inmates during week ends.
- Separate recreation halls with Gym & indoor games are provided in the hostel.
- For the benefit of the hostel inmates, a stationery store is functioning in the hostel premises with no profit - no loss basis.
- The hostel drainage water is treated by a sewage treatment plant with a capacity of Two lakh litre’s per day and it is effectively utilized for ever - green environment.
- Separate computer centre is being established at hostels sponsored by ALUMNI Association of our college.

- Gents Hostels have 24 Hrs. Wi-Fi LAN Internet connectivity so as to enable the students to extend their communication.
- A library with the latest magazines and reference books is functioning in the hostels. LCD projectors are available and it is used for academic purposes.
- Telephones are provided for incoming calls to the hostel inmates in each and every room by EPAX system with intercom facility at the cost of Rs.10 Lakhs.

Ladies Hostel

The ladies hostel can accommodate around 900 students. The cold & hot purified drinking water is provided to the Hostel inmates. The mess is providing good quality and hygienic vegetarian and Non vegetarian food and it runs under dividing system. EPAX intercom facility is available in all rooms and by using this facility the parents can directly contact their daughters.

Two Nurses are available in the hostel round the clock to take care of the students health. T.V, VCR with DTH facility and Film projector are available for entertaining the inmates of the hostel. The Indoor game and Gym facility are also provided.

A stationery store is functioning in the hostel for the benefit of the inmates. Two computer labs with internet facility and a library are available in the hostel premises for the inmates.

Hostel Rules & Regulations

- 1) Students should follow strict discipline inside the hostel.
- 2) Study hours are followed strictly from 8.15 pm to 10.15 pm and students should be in their room. Attendance will be taken.
- 3) If any student wants to take leave on the working days, they should get proper permission :
 - For one day leave - Tutor and Residential Warden
 - For two/three days leave - Tutor, HOD and Asso. Warden
 - For more than three days - Tutor, HOD, Asso. Warden and Warden.
- 4) If any student is unable to come to the college on Monday after week -end holidays then the parents should inform their absence through phone to residential warden on Monday morning itself. They should get a letter signed by the parent for the same.
- 5) Entry should be made in the entry book while leaving from the hostel during week - ends / holidays and also while entering into the hostel.
- 6) Visitors will be allowed only on Sunday from 9 a.m. to 5 p.m.
- 7) The students are permitted to come to hostel upto 7.00. (After week end leave/leave on medical grounds).

GENERAL FACILITIES

WiFi Campus

The entire campus is WiFi enabled with 189 numbers of dual band Ruckus access points and Ruckus wireless controller (Zone Director 3000) along with 320 Mbps internet connectivity that allow the students and staffs to access the internet where're they are. The coverage of WiFi is not only restricted to class rooms, it also extends to all the areas including library and hostels. The websites browsed by students are regularly monitored.

Banking Facility

The Indian Overseas Bank has a branch with ATM facility (K.Ramasamy Nagar Branch-1749 , IFSC Code: IOBA0001749) in our college, that works for six days in a week (Monday to Saturday). The working hours are 10.30 a.m. to 4.00 p.m. on week days and odd Saturdays.

Stores

Prescribed books, Instruments, Note books, Laboratory record note books and other items can be bought from the college stores, for the students' benefit. Quality materials are sold at nominal rates.

Canteen & Cafeteria

The canteen and cafeteria provide all types of snacks, meals, fruit juices and drinks like coffee, tea and milk.

Post Office

NEC has a post office viz., K. Ramasamy Nagar, that functions from 8.30 a.m. to 1.30 p.m. and 2.00 p.m. to 4.30 p.m. on all days (except Sunday).

Reprography Centre

College is equipped with modern photo copier with reduction and enlargement facilities at nominal charges.

Communication Facilities

Our college has internet facility to enable the staff and students to extend their communication. In addition, STD/ISD facilities are also available in our campus.

Transport Facility

Our College has 30 buses for transporting staff and students. The transport facilities are provided for the following cities.

- Aruppukottai
- Thoothukudi
- Ettayapuram
- Vilathikulam
- Puthiamputhur
- Ottapidaram
- Virudhunagar
- Sivakasi
- Sattur
- Sankarankoil
- Rajapalayam
- Tirunelveli
- Kovilpatti.

Insurance Schemes

- Amarthiya Siksha Yojana, by which the Students' Parents are Insured. The Students have been benefitted for Rs. One lakh through this policy.
- Personal accident insurance policy
- Students (Accident) welfare policy were also implemented by the college and they have been renewed every year.

Examination Wing (Department Level)

Dr.S.Sankarakumar, AP(SG)/EEE

Mr.I.Vivek Anand, AP/ECE

Dr.C.Chella Gifta, AP(SG)/Civil

Mr.K.Sudalaiyandi, AP/Mech.

Mr.K.Rajkumar, AP/CSE

Dr.E.Ramachandran, AP/S&H

Ms.V.Anitha, AP/IT

ELECTRICAL MAINTENANCE DEPARTMENT

All the circuitry related tasks are integrated and brought under one umbrella to innovate, improve and maintain quality service to the academic and other day to day activities of the group of institutions. Under this scenario, the Electrical Maintenance department has been established to maintain the Electrical systems, Networking Server, Internet, Intranet, and Networking system, computer Systems (hardware & software) & Peripherals, Online UPS system, EPABX, Intercom, and CCTV system, Air conditioning system and purchase of equipment and other materials related to all the above works.

1. Electrical System

- To provide uninterrupted and quality electrical power supply
- Erection, testing, commissioning and maintenance of electrical distribution network, cable network and equipments etc.
- Maintaining of electrical system confirming to the statutory rules of CEIG.
- Operation & maintenance Captive generation system.
- Energy saving & energy audit management work.

2. Server and Networking

- Continual Firewall policies configuration and maintenance of server to meet out the day to day requirements of all departments
- 189 nos. of Wireless access points configuration and maintenance with wireless controller (ZoneDirector 3000).
- Web Servers, Domain Server, Moodle Server, Storage Server & ERP Server support and maintenance.
- Microsoft campus agreement renewals.
- Network administration and maintenance through Centralized domain server.

3. Computer systems & Peripherals and UPS system

- Adoption of innovative methods to maintain computer hardwares & System software for the computers and peripherals like Printers, Scanners, and Photocopy machines etc.
- Introduction of innovative methods to maintain quality online UPS and its hardwares.
- Plan, coordinate, and implement computer security measures in order to protect data, software, and hardware.

4. Air-conditioning system

- Design and erection of new Air conditioning arrangements.

- Operation and maintenance of all types of ACs in the entire campus.

5. Intercom, PA System and CC TV Maintenance

- Establishment and maintenance of EPABX exchange, intercom network, PA system, and CCTV network.

Internet Facility

24 hours internet facility has been provided to both students' hostels and college premises. ICTS centre is supported with 7 nos of HP and IBM Rack servers, 50 TB HP storage server, Fortigate 600D firewall and Dell Sonicwall NSA 4600 firewall with gateway antivirus, anti spyware, Intrusion Prevention and analyzer for monitoring, Ruckus wireless controller (Zone Director 3000), Dual band Ruckus wireless access points, Cisco 2900 series Router, 802.11b/g/n access points (Cisco, Engenius, Ubnt and Unify), HP 5510 Layer 3 manageable switch, 3 Com Layer 3 Manageable Switch and Cisco SG 300 & 350 Gigabit Switches for internet bandwidth distribution to entire campus.

The details of the internet facility in our campus are

- 155 Mbps Airtel (1:1) leased line internet connectivity
- 155 Mbps Reliance (1:1) leased line internet connectivity

This inexhaustible internet service is provided all the way through 2 Nos of 5 KVA UPS system with 12 hours backup. Traffic monitoring system is also instigated in ICTS round the clock. all the terminals in the college campus are connected by campus networking which has been established through fiber optic connectivity.

WiFi Campus

The entire campus is WiFi enabled by 189 numbers of dual band Ruckus access points with Ruckus wireless controller (Zone Director 3000) along with 310 Mbps internet connectivity to allow the students and staff to access the internet where're they are. The coverage of WiFi is not only restricted to class rooms, it also extends to all the areas including library and hostels. The websites browsed by students are regularly monitored.

SCHOLARSHIP & LOANS

All the scholarships and loans should be applied only during the first year of their studies before the month of September. If one wishes to apply in the subsequent years, he/she must have passed all the subjects in the previous semesters, in addition to the conditions prescribed below. Also the sanctioning of scholarship is subjected to the rules and regulations imposed by the sanctioning authority time to time. Value of scholarships awarded by the Government and other agencies are available to the deserving students. The details are as follows :

Sl. No.	Name of the Scholarship / financial assistance	Value (Rs.)	Eligibility	Sanctioning authority
1.	State Government Scholarship for Backward / Most Backward class and Denotified Communities	Rs. 8,550/- and Rs. 9,350/- for residential students and Rs.6,300/- for dayscholars.	Applicable to Students admitted under Govt.Quota whose parental annual income is upto Rs. 2,00,000/-	Principal
2.	Government of India Post Matric Scholarship for Scheduled Castes / Scheduled Tribes	9,000/- per year for Residential students and Rs. 5,200/- per year for dayscholars.	Applicable to Students admitted under Govt. Quota whose parental annual income is less than Rs. 2,50,000/-	Principal
3.	State Government Free Education Scholarship for Back-ward / Most Backward Class / Denotified Communities (First graduate students from their family)	Rs. 6,550/- and Rs. 7,100/- for BC & MBC / DNC residential students and Rs. 4,150/- and 4,300/- for BC, MBC/DNC day scholars.	Applicable to students admitted under Govt. Quota whose parental annual income is upto Rs. 2,50,000/-	Principal

4.	Ex. Servicemen's Welfare Scholarship	Rs. 2,060/- per year for residential students and Rs.960/- for dayscholars.	Applicable to all children and dependents of Ex-servicemen, whose annual income is less than Rs. 12,000/-	Secretary / Asst. Director, Ex-Servicemen's Welfare Dept. of the district concerned.
5.	Scholarship for children of beedi workers, mine and cinema workers	Rs. 15,000/- per year	Parental monthly income upto Rs. 10,000/-	Assistant Welfare Commissioner, Tamilnadu & Pondicherry, Govt. of India, Ministry of labour, 8/2-A, St. Thomas Road, High Ground, Tirunelveli - 627 011.
6.	Pragathi Scholarship:	Rs. 50,000/- per annum for every year of study i.e. maximum 4 years for first year admitted students	1. The girl candidate should be admitted to First year of Degree level course. OR Second year of Degree level course through lateral entry in any of the AICTE approved Institution of respective year.	AICTE

			<p>2. Maximum two girl children per family are eligible.</p> <p>3. Family income from all sources should not be more than Rs. 8 lakh per annum during the current financial year. A valid income certificate issued by State/ UT Government need to be enclosed.</p>	
			Refer website	Banks registered in the website
			Vidya Lakshmi Portal provides single window for students to access information about various loan schemes provided by banks and make applications for Educational Loans.	
	Vidhya Lakshmi Education Loan Scheme			
7.				
<p>Community scholarship</p> <p>Essential Requirements to apply for community scholarships</p> <p>a. 75% attendance</p> <p>b. Declaration by the student and parent in the prescribed form</p>				

"There is no elevator to success. You have to take the stairs" Zig Ziglar

PRIZES, MEDALS AND SCHOLARSHIPS

The following academic prizes and medals are awarded to the students, every year.

- **Kalvithanthai Thiru K.RAMASAMY Memorial Merit Scholarship** are offered to the deserving students for Merit, Talent, Sports, Innovation, Entrepreneurship and Research in undergraduate, post graduate and Ph.D degree programmes. This scholarship is offered in the form of fee waiver, stipend and fellowship.

- **COLLEGE AWARDS-BOS FOR MALE & FEMALE STUDENTS**

- I and II Semesters (I Year) : B.E., B.Tech.,and M.E.,
- III and IV Semesters (II Year) : B.E., B.Tech.
- V and VI Semesters (III Year) : B.E., and B.Tech.
- Rank in B.E. and B.Tech.
- Rank in M.E.
- University rank holder medal
- Best Volunteer of each club

PINNACLE OF OUR PERFORMANCES

- National Board of Accreditation (NBA), New Delhi has re-accredited B.E. Electronics & Communication Engineering for three years under Tier I category. Also, NBA has extended the accreditation of B.E. Mechanical Engineering, B.E. Electronics & Instrumentation Engineering and B.Tech. Information Technology under Tier I category for one more year i.e. up to 2019 based on the compliance report.
- Our institution has been approved by the Department of Science and Technology (Govt. of India) to provide fund under the scheme for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (DST-FIST). Under this scheme, DST has sanctioned Rs.45 lakhs to purchase equipments to enhance the institution's research facilities.
- MHRD, New Delhi has approved our college as IIT Bombay Remote Centre to organize various sponsored technical faculty development programmes and workshops under the scheme of National Mission on Education through ICT (NMEICT).
- NEC NPTEL Local Chapter achieved 6th Rank out of 477 Institutions in all over India with 'AAA' Rating. NPTEL, IIT Madras recognizes our college as an **active** and **valuable NPTEL Local Chapter** with a rating of **AAA** based on the performance in NPTEL online certification courses during the period of July December 2017.
- **NSTEDB-DST, Govt. of India, New Delhi and EDII, Ahmadabad** selected our institute to set up NewGen IEDC at our institute and sanctioned an amount of **Rs. 60 Lakhs** to implement the students' 10 innovative projects in the current academic year.
- **DST (SERB)** has sanctioned Rs. 38,76,550/- for the project titled "Investigation on Crashworthiness Characteristics of Bio-Inspired Thin-Walled Conical Tubular Members" from the Mechanical Department.
- **DRDO, New Delhi** sponsored an amount of **Rs. 09,78,835/-** to the project "**Development and Analysis of Finite Automata-based Public Key Cryptographic Schemes**" from **CSE Department, which is in progress.**
- Seed money funding has been made to 7 project proposals worth Rs.17,98,800/- to promote research competency in emerging areas. Special emphasis has been focused on the continual improvement

"Strong people don't have attitudes, they have standards"

of each department's Research and Development activities. The faculty members are encouraged to submit research proposals for funding to address the socio-technical issues and challenges and communicate their research findings for publication in reputed journals.



**Calender for the year
2022 - 2023**



"Nothing can dim the light which shines from within" Maya Angelou

Calendar for the year 2022 - 2023

சுபகிருது வைகாசி - ஆனி			June 2022
தேதி	Day	Date	Remarks
வைகாசி 18	Wed	1	
19	Thur	2	
20	Fri	3	
21	Sat	4	
22	Sun	5	
23	Mon	6	
24	Tue	7	
25	Wed	8	
26	Thur	9	
27	Fri	10	
28	Sat	11	
29	Sun	12	
30	Mon	13	
31	Tue	14	
ஆனி 1	Wed	15	
2	Thur	16	
3	Fri	17	
4	Sat	18	
5	Sun	19	
6	Mon	20	
7	Tue	21	
8	Wed	22	
9	Thur	23	
10	Fri	24	
11	Sat	25	
12	Sun	26	
13	Mon	27	
14	Tue	28	
15	Wed	29	
16	Thur	30	

"All progress takes place outside of the comfort zone" Michael John Bobak

சுபகிருது ஆனி - ஆடி				July 2022
தேதி	Day	Date	Remarks	
ஆனி 17	Fri	1		
18	Sat	2		
19	Sun	3		
20	Mon	4		
21	Tue	5		
22	Wed	6		
23	Thur	7		
24	Fri	8		
25	Sat	9		
26	Sun	10	Bakrid Festival	
27	Mon	11		
28	Tue	12		
29	Wed	13		
30	Thur	14		
31	Fri	15		
32	Sat	16		
ஆடி 1	Sun	17		
2	Mon	18		
3	Tue	19		
4	Wed	20		
5	Thur	21		
6	Fri	22		
7	Sat	23		
8	Sun	24		
9	Mon	25		
10	Tue	26		
11	Wed	27		
12	Thur	28		
13	Fri	29		
14	Sat	30		
15	Sun	31		

சுபகிருது ஆடி - ஆவணி			August 2022
தேதி	Day	Date	Remarks
ஆடி 16	Mon	1	
17	Tue	2	
18	Wed	3	Aadi Perukku / Classes begin for III yr. and Final yr. UG Courses (5 th & 7 th Sem.)
19	Thur	4	
20	Fri	5	
21	Sat	6	
22	Sun	7	
23	Mon	8	
24	Tue	9	
25	Wed	10	
26	Thur	11	
27	Fri	12	
28	Sat	13	
29	Sun	14	
30	Mon	15	Independence Day (Holiday)
31	Tue	16	
ஆவணி 1	Wed	17	
2	Thur	18	
3	Fri	19	Krishna / Last date for sending 1 st class committee meeting minutes to Dean (Academic) office through Principal (5 th & 7 th Sem. UG)
4	Sat	20	
5	Sun	21	
6	Mon	22	Classes begin for II yr. UG and PG degree Courses (3rd Sem.)
7	Tues	23	
8	Wed	24	
9	Thur	25	
10	Fri	26	
11	Sat	27	
12	Sun	28	
13	Mon	29	
14	Tues	30	
15	Wed	31	Vinayagar Chathurthi (Holiday)

சுபகிருது ஆவணி - புரட்டாசி			September 2022
தேதி	Day	Date	Remarks
ஆவணி 16	Thur	1	Last date for sending 1 st class committee meeting minutes to Dean (Academic) office through Principal (3 rd Sem. UG & PG)
17	Fri	2	
18	Sat	3	
19	Sun	4	
20	Mon	5	Teachers Day
21	Tue	6	
22	Wed	7	
23	Thur	8	Onam Festival
24	Fri	9	
25	Sat	10	
26	Sun	11	
27	Mon	12	Last date for sending 2 nd class committee meeting minutes to Dean (Academic) office through Principal (5 th & 7 th Sem. UG)
28	Tue	13	
29	Wed	14	
30	Thur	15	
31	Fri	16	
32	Sat	17	
புரட்டாசி 1	Sun	18	
2	Mon	19	
3	Tue	20	
4	Wed	21	
5	Thur	22	
6	Fri	23	
7	Sat	24	
8	Sun	25	
9	Mon	26	
10	Tues	27	
11	Wed	28	
12	Thur	29	
13	Fri	30	Bank Half Yearly A/c Closing

“Success is the sum of small efforts, repeated day-in, and day-out” Robert Collier

சுபகிருது புரட்டாசி - ஜப்பசி			October 2022
தேதி	Day	Date	Remarks
புரட்டாசி 14	Sat	1	
15	Sun	2	Gandhi Jayanthi
16	Mon	3	
17	Tue	4	Ayutha Pooja (Holiday)
18	Wed	5	Vijaya Dasami (Holiday)
19	Thur	6	
20	Fri	7	Last date for remittance of semester Exam. Fee(5 th & 7 th Sem. UG) Last date for sending 2 nd class committee meeting minutes to Dean (Academic) office through Principal (3 rd Sem. UG & PG)
21	Sat	8	
22	Sun	9	Miladi Nabi
23	Mon	10	
24	Tue	11	
25	Wed	12	
26	Thur	13	Model Exam. (5 th & 7 th Sem. UG)
27	Fri	14	
28	Sat	15	
29	Sun	16	
30	Mon	17	
ஜப்பசி 1	Tue	18	
2	Wed	19	
3	Thur	20	
4	Fri	21	Last date for sending 3 rd class committee meeting minutes to Dean (Academic) office through Principal (5 th & 7 th Sem. UG)
5	Sat	22	
6	Sun	23	
7	Mon	24	Deepavali (Holiday)
8	Tue	25	Holiday
9	Wed	26	Last date for remittance of semester exam. Fees (3 rd Sem. UG & PG)
10	Thur	27	
11	Fri	28	
12	Sat	29	
13	Sun	30	
14	Mon	31	

"A little progress each day adds up to big results" Satya Nani

சுபகிருது ஐப்பசி - கார்த்திகை			November 2022
தேதி	Day	Date	Remarks
ஐப்பசி 15	Tue	1	
16	Wed	2	
17	Thur	3	
18	Fri	4	
19	Sat	5	
20	Sun	6	
21	Mon	7	
22	Tue	8	Last date for sending 3 rd class committee meeting minutes to Dean (Academic) office through Principal (3 rd Sem. UG & PG)
23	Wed	9	
24	Thur	10	
25	Fri	11	
26	Sat	12	
27	Sun	13	
28	Mon	14	Children's Day
29	Tue	15	
30	Wed	16	Model Exam. (5 th and 7 th Sem. UG Courses)
கார்த்திகை 1	Thur	17	
2	Fri	18	
3	Sat	19	
4	Sun	20	
5	Mon	21	
6	Tues	22	
7	Wed	23	
8	Thur	24	
9	Fri	25	Last working day (UG Courses - 5 th & 7 th Sem.)
10	Sat	26	
11	Sun	27	
12	Mon	28	Commencement of End Semester Practical Examinations - III and Final year UG courses (5 th & 7 th Sem.) Model Exam. (3 rd Sem. UG & PG Courses)
13	Tues	29	
14	Wed	30	

"There are no shortcuts to any place worth going" Beverly Sills

சுபகிருது கார்த்திகை - மார்கழி			December 2022
தேதி	Day	Date	Remarks
கார்த்திகை 15	Thur	1	
16	Fri	2	
17	Sat	3	
18	Sun	4	
19	Mon	5	Commencement of End Semester Theory Examinations - III and Final year UG courses (5 th & 7 th Sem.)
20	Tue	6	Thiru Karthikai Deepam
21	Wed	7	
22	Thur	8	
23	Fri	9	Last working day (3 rd Sem. UG & PG Courses)
24	Sat	10	
25	Sun	11	
26	Mon	12	
27	Tue	13	Commencement of End Semester Practical Examinations - II yr. UG & PG courses (3 rd Sem.)
28	Wed	14	
29	Thur	15	
மார்கழி 1	Fri	16	
2	Sat	17	
3	Sun	18	
4	Mon	19	Commencement of End Semester Theory Examinations - II yr. UG & PG courses (3 rd Sem.)
5	Tue	20	
6	Wed	21	
7	Thur	22	
8	Fri	23	
9	Sat	24	
10	Sun	25	Christmas (Holiday)
11	Mon	26	
12	Tue	27	
13	Wed	28	
14	Thur	29	
15	Fri	30	
16	Sat	31	

"If opportunity doesn't knock, build a door" Milton Berle

சுபகிருது மார்கழி - தை			January 2023
தேதி	Day	Date	Remarks
மார்கழி 17	Sun	1	New Year Day (Holiday)
18	Mon	2	
19	Tue	3	Vaikunda Eghadhasi
20	Wed	4	Classes begin for Even Sem. UG Courses (4 th , 6 th & 8 th)
21	Thur	5	
22	Fri	6	
23	Sat	7	
24	Sun	8	
25	Mon	9	
26	Tue	10	
27	Wed	11	
28	Thur	12	
29	Fri	13	
30	Sat	14	Pogi
தை 1	Sun	15	Pongal (Holiday)
2	Mon	16	Thiruvalluvar Day (Holiday)
3	Tue	17	Uzhavar Thirunal (Holiday)
4	Wed	18	
5	Thur	19	
6	Fri	20	
7	Sat	21	
8	Sun	22	
9	Mon	23	
10	Tue	24	
11	Wed	25	
12	Thur	26	Republic Day (Holiday)
13	Fri	27	
14	Sat	28	Ratha Sapthami
15	Sun	29	
16	Mon	30	
17	Tue	31	

சுபகிருது ஹை - மாகி			February 2023
தேதி	Day	Date	Remarks
தை 18	Wed	1	
19	Thur	2	
20	Fri	3	
21	Sat	4	
22	Sun	5	
23	Mon	6	
24	Tue	7	
25	Wed	8	
26	Thur	9	
27	Fri	10	
28	Sat	11	
29	Sun	12	
மாகி 1	Mon	13	
2	Tue	14	
3	Wed	15	
4	Thur	16	
5	Fri	17	
6	Sat	18	Maha Sivarathiri
7	Sun	19	
8	Mon	20	
9	Tue	21	
10	Wed	22	
11	Thur	23	
12	Fri	24	
13	Sat	25	
14	Sun	26	
15	Mon	27	
16	Tue	28	

சுபகிருது மாசி - பங்குனி				March 2023
தேதி	Day	Date	Remarks	
மாசி 17	Wed	1		
18	Thur	2		
19	Fri	3	Classes begin for II, III & IV year UG/PG Courses (4 th , 6 th & 8 th Semester)	
20	Sat	4		
21	Sun	5		
22	Mon	6		
23	Tue	7	Holi Festival	
24	Wed	8		
25	Thur	9		
26	Fri	10		
27	Sat	11		
28	Sun	12		
29	Mon	13		
30	Tue	14		
பங்குனி 1	Wed	15		
2	Thur	16		
3	Fri	17		
4	Sat	18	Last date for sending 1 st class committee meeting minutes to Dean (Academic) office through Principal (4 th , 6 th & 8 th Sem. UG / PG Courses)	
5	Sun	19		
6	Mon	20		
7	Tue	21		
8	Wed	22		
9	Thur	23	Last date for sending 4 th class committee meeting minutes to Dean (Academic) office through Principal (2 nd Sem. UG Courses)	
10	Fri	24		
11	Sat	25		
12	Sun	26		
13	Mon	27		
14	Tue	28		
15	Wed	29		
16	Thur	30	Rama Navami	
17	Fri	31		

"The way to get started is to quit talking and begin doing" Walt Disney

சுபகிருது - சோபகிருது பங்குனி-சித்திரை			April 2023
தேதி	Day	Date	Remarks
பங்குனி 18	Sat	1	Bank Annual A/c Closing
19	Sun	2	
20	Mon	3	
21	Tue	4	
22	Wed	5	
23	Thur	6	
24	Fri	7	Good Friday
25	Sat	8	
26	Sun	9	Easter
27	Mon	10	
28	Tue	11	
29	Wed	12	
30	Thur	13	
சித்திரை 1	Fri	14	Tamil New Year (Holiday)
2	Sat	15	
3	Sun	16	
4	Mon	17	
5	Tue	18	Last date for sending 2 nd class committee meeting minutes to Dean (Academic) office through Principal (4 th , 6 th & 8 th Sem. UG / PG Courses)
6	Wed	19	
7	Thur	20	
8	Fri	21	
9	Sat	22	
10	Sun	23	
11	Mon	24	RAMJAN (Holiday)
12	Tue	25	
13	Wed	26	
14	Thur	27	
15	Fri	28	
16	Sat	29	
17	Sun	30	

சோபகிருது சித்திரை - வைகாசி			May 2023
தேதி	Day	Date	Remarks
சித்திரை 18	Mon	1	May Day (Holiday)
19	Tue	2	
20	Wed	3	
21	Thur	4	
22	Fri	5	
23	Sat	6	Last date for sending 5 th class committee meeting minutes to Dean (Academic) office through Principal (2 nd Sem. UG)
24	Sun	7	
25	Mon	8	
26	Tue	9	Last date for remittance of semester exam fees (4 th , 6 th & 8 th Sem. UG/PG Courses)
27	Wed	10	
28	Thur	11	
29	Fri	12	
30	Sat	13	
31	Sun	14	
வைகாசி 1	Mon	15	
2	Tue	16	Last date for remittance of semester exam. Fees (2nd Sem. UG)
3	Wed	17	
4	Thur	18	
5	Fri	19	
6	Sat	20	
7	Sun	21	
8	Mon	22	
9	Tue	23	Last date for sending 6 th class committee meeting minutes to Dean (Academic) office through Principal (2 nd Sem. UG)
10	Wed	24	
11	Thur	25	
12	Fri	26	
13	Sat	27	Last date for sending 3 rd class committee meeting minutes to Dean (Academic) office through Principal (4 th , 6 th & 8 th Sem. UG / PG Courses)
14	Sun	28	
15	Mon	29	
16	Tue	30	
17	Wed	31	

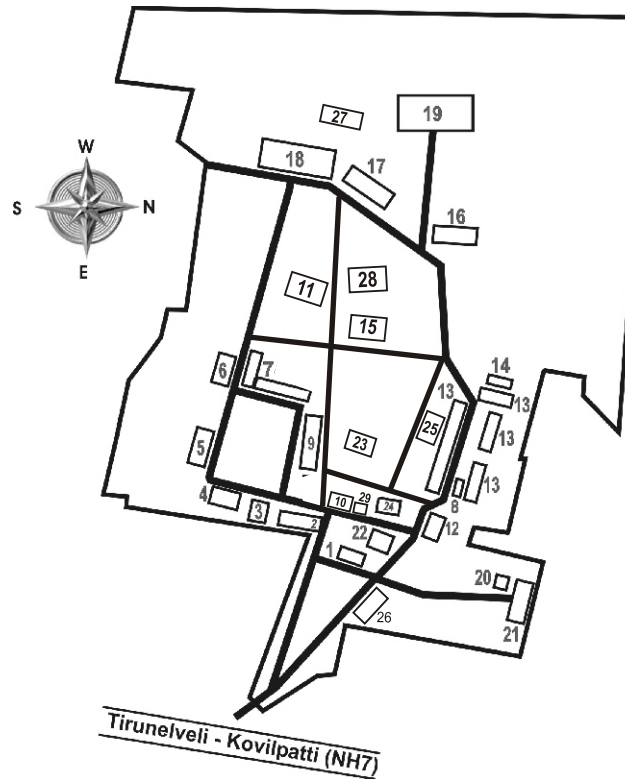
“The mind is not a vessel to be filled but a fire to be ignited” Plutarch

சோபகிருது வைகாசி - ஆனி			June 2023
தேதி	Day	Date	Remarks
வைகாசி 18	Thur	1	
19	Fri	2	
20	Sat	3	
21	Sun	4	
22	Mon	5	
23	Tue	6	
24	Wed	7	
25	Thur	8	
26	Fri	9	
27	Sat	10	Last working day for 2 nd semester UG Courses
28	Sun	11	
29	Mon	12	
30	Tue	13	Commencement of End Semester Practical Examinations for 2 nd Sem. UG Courses
31	Wed	14	
ஆனி 1	Thur	15	
2	Fri	16	
3	Sat	17	Last working day (4 th , 6 th & 8 th Sem. UG / PG Courses)
4	Sun	18	
5	Mon	19	
6	Tue	20	Commencement of End Semester Theory Examinations for 2 nd Sem. UG Courses
7	Wed	21	Commencement of End semester Practical Examinations - II, III & IV yr. UG / PG Courses (4 th , 6 th & 8 th Sem.)
8	Thur	22	
9	Fri	23	
10	Sat	24	
11	Sun	25	
12	Mon	26	
13	Tue	27	Commencement of End semester Theory Examinations - II, III & IV yr. UG / PG Courses (4 th , 6 th & 8 th Sem.)
14	Wed	28	
15	Thur	29	
16	Fri	30	

“Wisdom comes not from age, but from education and learning” Anton Chekhov

சோபகிருது ஆனி - ஆடி				July 2023
தேதி	Day	Date	Remarks	
ஆனி 17	Sat	1		
18	Sun	2		
19	Mon	3		
20	Tue	4	Classes begin for 3 rd Semester UG Courses	
21	Wed	5		
22	Thur	6		
23	Fri	7		
24	Sat	8		
25	Sun	9		
26	Mon	10		
27	Tue	11		
28	Wed	12		
29	Thur	13		
30	Fri	14		
31	Sat	15		
ஆடி 32	Sun	16		
1	Mon	17		
2	Tues	18		
3	Wed	19		
4	Thur	20		
5	Fri	21		
6	Sat	22		
7	Sun	23		
8	Mon	24		
9	Tue	25		
10	Wed	26		
11	Thur	27		
12	Fri	28		
13	Sat	29		
14	Sun	30		
15	Mon	31		

CAMPUS LAYOUT



- | | |
|---|-----------------------------|
| 1. Administrative Block | 15. Tennis Court |
| 2. Tech Park | 16. STP Plant |
| 3. Canteen & Auxiliary Clubs | 17. Hostel Stores |
| 4. CSE Block | 18. Gents Hostel I |
| 5. EEE Block | 19. Gents Hostel II |
| 6. AI Block | 20. Visitors Waiting Lounge |
| 7. ECE Block | 21. Ladies Hostel |
| 8. Cycle Stand | 22. Basket Ball Court |
| 9. IT Block | 23. Central Library |
| 10. Main Block (S&H) & Placement Centre | 24. Autonomous Block |
| 11. Foot Ball & Cricket Court | 25. Civil Block |
| 12. Auditorium | 26. Maintenance Block |
| 13. Mechanical Block | 27. Delegates Residency |
| 14. Physical Education Dept. | 28. Hockey Ground |
| | 29. ATM |

Time Table for 2022- 2023

Branch :

Odd Semester :

Period Day	9.15 - 10.05 am	10.05 - 10.55	11.10 - 12.00	12.00 - 12.50 pm	1.50 - 2.40	2.40 - 3.30	3.45 - 4.30	4.30 - 5.15 pm
Mon								
Tue								
Wed								
Thur								
Fri								

Branch :

Even Semester :

Period Day	9.15 - 10.05 am	10.05 - 10.55	11.10 - 12.00	12.00 - 12.50 pm	1.50 - 2.40	2.40 - 3.30	3.45 - 4.30	4.30 - 5.15 pm
Mon								
Tue								
Wed								
Thur								
Fri								

Contact Details

Postal Address

PRINCIPAL
National Engineering College
K.R.Nagar, Kovilpatti - 628 503,
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Webpage: www.nec.edu.in

Phone Numbers

Principal : 04632 - 227255 (O)
Office : 93859 76684, 93859 76674
04632 - 222502

Hostels

Gents

Hostel Office : 04632 - 248104
Hostel - I

Reception : 04632 - 248805, 248404
EPABX : 04632 - 249300

Hostel - II

Reception : 04632 - 248200, 248100
EPABX : 04632 - 249600

Ladies

Hostel Office : 63822 62838
: 63822 78083

IOB, K.R.Nagar Branch : 04632 - 234462



K.R.Nagar, Kovilpatti - 628 503.	Principal
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