NEC
Bulletin
2023-2024

NATIONAL ENGINEERING COLLEGE

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

K.R.NAGAR, KOVILPATTI - 628 503.

Estd : 1984

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 M.Duraisamypuram Nalattinputhur - 628 716	: Chairman
02.	Thiru. K.R. Krishnamoorthy M.Duraisamypuram Nalattinputhur - 628 716	: Member (Management)
03.	Thiru. K.R. Arunachalam M.Duraisamypuram Nalattinputhur - 628 716	: Member (Management)
04	Thiru. C.Sankaranarayanan Pazhankottai, Sankarankovil Tk. Tirunelveli Dt.	: Member (Management)

05. Selvi.A.Shanmathi : Member (Management)
    M.Duraisamypuram
    Nalattinputhur - 628 716

06. Selvan.A.Niteesh Ram : Member (Management)
    M.Duraisamypuram
    Nalattinputhur - 628 716

07. Prof.M.R.Bhagwan Singh : UGC Nominee
    Professor, Mech. Engg.(Retd.)
    B.M.S. College of Engineering
    Bull Temple Road, Basavangudi,
    Bengaluru - 560019

08. Dr.S.Sidharthan : DOTE Nominee
    Principal, Dept. of Civil Engineering
    Govt. College of Engineering,
    Tirunevlei - 627 007

09. Dr.M.Vijayaraj : University Nominee
    Professor & Head
    Dept. of Electronics and Comm. Engg.
    Govt. College of Engineering,
    Trivandrum Road, Tirunelveli-627007

10. Mr.L.S.Manivannan : External Member (Industrialist,
    Managing Director   Nominee of Management)
    L.S.Mills Ltd., Post Box.12.
    Madurai Road, Theni-625531

11. Dr. S.Shanmugavel : Member
    Director
    National Engineering College,
    K.R. Nagar, Kovilpatti

12. Dr.M.A.Neelakantan : Member
    Sr. Dean (I & FA)   (Faculty nominated by the
    National Engineering College,   Principal)
    K.R. Nagar, Kovilpatti

11. Dr. A.Shenbagavalli : Member
    Prof./Dean(Academic)   (Faculty nominated by the
    Dept. of Electronics and Comm. Engg.   Principal)
    National Engineering College,
    K.R. Nagar, Kovilpatti

12. Dr. K.Kalidasa Murugavel : Member Secretary
    Principal   (Ex-Officio)
    National Engineering College,
    K.R. Nagar, Kovilpatti

"Change is the end result of all true learning" Leo Buscaglia

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 km from Madurai and 489 km 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 the band 150 -200 NIRF Innovation 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., Ph.D.,

Dean(Academic)
Dr.A.Shenbagavalli, M.E., Ph.D.,

Dean(TCP)
Dr.K.G.Srinivasagan, M.E., Ph.D.,

Dean(Innovation & Entrepreneurship)
Dr.K.Manisekar, M.E., Ph.D.,

Dean (Student Affairs & Industrial Relations)
Dr.B.Paramasivan, M.E., Ph.D.,

CONTROLLER OF EXAMINATIONS
Dr.D.Manimegalai, M.E., Ph.D.,

Department of Mechanical Engineering

Teaching

Dr.S.Iyahraja	M.Tech., Ph.D.,	Prof. & Head
Dr.K.Manisekar	M.E., Ph.D.,	Professor
Dr.D.Venkat Kumar	M.E., Ph.D.,	Professor
Dr.R.Harichandran	M.E., Ph.D.,	Professor
Dr.M.Kathiresan	M.E., Ph.D.,	Professor
Dr.P.Ramanan	M.E., Ph.D.,	Asso. Prof.
Dr.I.Sankar	M.E., Ph.D.,	Asso. Prof.
Dr.D.Vignesh Kumar	M.E., Ph.D.,	Asso. Prof.
Dr.F.Michael Thomas Rex	M.E., Ph.D.,	Asso. Prof.
Mr.R.Vijayakumar	M.E.,	Asst. Prof. (SG)
Mr.R.Vigneshkumar	M.E.,	Asst. Prof. (SG)
Mr.A.Andrews	M.E.,	Asst. Prof. (SG)
Mr.K.Thoufiq Mohammed	M.E.,	Asst. Prof.(SG)
Mr.B.Prince Abraham	M.E.,	Asst. Prof.
Dr.S.R.Sundara Bharathi	M.E., Ph.D.,	Asst. Prof.
Mr.K.Sudalaiyandi	M.E.,	Asst. Prof.
Mr.R.Jayavenkatesh	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

Humanities

| Dr.T.Sakthi | M.Com.,M.Phil.,Ph.D., | Asst. Prof.(SG) |

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.S.Tamilselvi	M.E., Ph.D.,	Prof. & Head
Dr.A.Shenbagavalli	M.E., Ph.D.,	Professor
Dr.T.S.Arun Samuel	M.E., Ph.D.,	Professor
Dr.N.Arumugam	M.E., Ph.D.,	Asso. Prof.
Dr.V.Suresh	M.E., Ph.D.,	Asso. Prof.
Dr.K.J.Prasanna Venkatesan	M.E., Ph.D.,	Asso. Prof.
Dr.C.Balamurugan	M.E., Ph.D.,	Asso. Prof.
Dr.A.Saravana Selvan	M.E., Ph.D.,	Asso. Prof.
Mr.T.Devakumar	M.E.,	Asst. Prof. (SG)
Mr.S.Cammillus	M.E.,	Asst. Prof. (SG)
Mr.K.Subramanian	M.E.,	Asst. Prof. (SG)
Dr.R.Manjula Devi	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.I.Vivek Anand	M.E., Ph.D.,	Asst. Prof. (SG)
Mr.B.Ganapathy Ram	M.E.,	Asst. Prof. (SG)
Mr.M.Sathish Kumar	M.E.,	Asst. Prof. (SG)
Ms.S.Karthika	M.E.,	Asst. Prof.
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.
Ms.A.Apsara	M.E.,	Asst. Prof.
Ms.P.Arishenbagam @ Ariyammal	M.E.,	Asst. Prof.
Dr.C.Lakshmi	M.E.,Ph.D.,	Asst. Prof.

"It always seems impossible until it's done" Nelson Mandela

Dr.S.Lavanya	M.E.,Ph.D.,	Asst. Prof.
Ms.R.Geeta	M.E.,	Asst. Prof.
Ms.S.Sulochana	M.E.,	Asst. Prof.
Ms.S.Sindhana	M.E.,	Asst. Prof.
Ms.C.K.Balasundari	M.E.,	Asst. Prof.
Mr.C.Rajkumar	M.S.,	Adjunct Faculty
Mr.V.Arun Janarthanan	M.E.,	Adjunct Faculty

Non-Teaching

Mr.S.Gangadhara T Venkadesh	M.Sc., M.Phil.,	Instructor
Mr.M.Boominathan	B.E.,	Lab. Technician
Mr.G.Rathinavel Pandian	B.Sc.,	Lab. Technician
Ms.K.Kalavathi	B.E.,	Sr.Lab. Technician
Mr.S.Nikesh Satya	DEEE	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.,	Professor
Dr.K.Mohaideen Pitchai	M.E., Ph.D.,	Professor
Dr.S.Kalaiselvi	M.E., Ph.D.,	Asso. Prof.
Dr.J.Naskath	M.E., Ph.D.,	Asso. Prof.
Dr.G.Sivakama Sundari	M.E., Ph.D.,	Asst. Prof.(SG)
Dr.R.Rajakumari	M.E., Ph.D.,	Asst. Prof.(SG)
Mr.D.Vijayakumar	M.S.,	Asst. Prof.(SG)
Dr.B.Shunmugapriya	M.E., Ph.D.,	Asst. Prof.(SG)
Dr.S.Dheenathayalan	M.E., Ph.D.,	Asst. Prof.(SG)
Mr.A.Shenbagaraman	M.E.,	Asst. Prof.(SG)
Mr.K.Rajkumar	M.E.,	Asst. Prof.(SG)
Dr.M.Syed Rabiya	M.E., Ph.D.,	Asst. Prof.(SG)
Ms.D.Thamarai Selvi	M.E.,	Asst. Prof.
Ms.M.Kanthimathi	M.E.,	Asst. Prof.
Ms.D.Abisha	M.E.,	Asst. Prof.
Mr.J.Karthikeyan	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.Mirra	M.E.,	Asst. Prof.
Ms.R.Navetha Evanjalin	M.E.,	Asst. Prof.
Ms.A.Lincy	M.E.,	Asst. Prof.
Dr.J.Ida Christy	M.E., Ph.D.,	Asst. Prof.
Ms.S.G.Janani Ratthna	M.E.,	Asst. Prof.

Ms.R.Rathi Pathi	M.E.,	Asst. Prof.
Ms.M.Pappathi Jancy Rani	M.E.,	Asst. Prof.
Ms.K.Amsaveni	M.E.,	Asst. Prof.
Ms.Srimathi.R	M.E.,	Asst. Prof.
Mr.V.Manikanda Raman	B.E., PGDBA	Adjunct Faculty

Non - Teaching

Mrs.G.Meenalosani	M.C.A.,	Sys.Programmer
Ms.P.Prasanna Devi	B.E.,	Sr. Lab.Technician
Mrs.K.Mahalakshmi	B.Sc.,	Lab.Technician
Mr.K.G.Shankar	B.C.A.,	Dept.Assistant
Ms.S.Maheswari	B.A.	Dept.Assistant
Mr.A.Rakesh	Diploma	Attender

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.S.Sankara Kumar	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.B.Vigneshwaran	M.E., Ph.D.,	Asst. Prof. (SG)
Dr. Venkatasamy.B	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.M.Gengaraj	M.E., Ph.D.,	Asst. Prof. (SG)
Mr.P.Samuel Pakianathan	M.E.,	Asst. Prof. (SG)
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.
Dr.Edwin Deepak.F.X	M.E., Ph.D.,	Asst. Prof.
Mr.J.Thangaraj	M.E.,	Asst. Prof.
Ms.C.Dhanalakshmi	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.S.Subha Revathi	D.E.E.E.	Lab.Technician
Ms.M.Swetha	B.Sc.,	Dept. Asst.
Mr.S.Kesavaprasath	SSLC	Attender

Department of Information Technology

Teaching

Dr.K.G.Srinivasagan	M.E., Ph.D.,	Prof., & Head
Dr.B.Paramasivan	M.E., Ph.D.,	Professor

"The best way out is always through" Robert Frost

Dr.R.Muthukkumar	M.E., Ph.D.,	Professor
Dr.S.Chidambaram	M.E., Ph.D.,	Asso. Prof.
Dr.S.Rajagopal	M.E., Ph.D.,	Asst. Prof. (SG)
Dr.V.Manimaran	M.E., Ph.D.,	Asso. Prof.
Ms.V.Anitha	M.E.,	Asst. Prof.
Mrs.N.Gowthami	M.E.,	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.
Mrs.G.Ramya	M.Tech.,	Asst. Prof.
Mrs.R.Suguna	M.E.,	Asst. Prof.
Ms.R.Madhu	M.Tech.,	Asst. Prof.
Ms.M.Malathi	M.E.,	Asst. Prof.
Mr.S.Rajendran	M.Tech.,	Adjunct Faculty

Non - Teaching

Mrs.A.Shunmugam	D.C.Tech.,	Lab. Technician
Ms.M.Jayanthi	B.Sc.,	Lab. Technician
Ms.A.Selvalakshmi	B.Com.,	Dept. Asst.

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.
Ms.M.Balamaheswari	M.E.,	Asst. Prof.
Mr.V.Arulpandian	M.E.,	Asst. Prof.
Mr.B.Gowtham	M.E.,	Asst. Prof.
Mr.S.Kannan	M.E.,	Asst. Prof.
Mr.A.Darral Alfred	M.E.,	Asst. Prof.
Mr.P.Kasirajan	M.E.,	Asst. Prof.
Ms.C.Gawari	M.E.,	Asst. Prof.
Mr.K.Marimuthu	M.E.,	Asst. Prof.
Mr.M. Ashokpandiyan	M.E.,	Asst. Prof.
Ms.R.Harshani	M.E.,	Asst. Prof.
Ms.S.Sona	M.E.,	Asst. Prof.
Mr.G.BalaMurali	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 Artificial Intelligence & Data Science Engineering

Teaching

Dr.V.Kalaivani	M.E., Ph.D.,	Prof & HOD
Mrs.K.Poorani	M.E.,	Asst.Prof.
Mrs.P.Rampriya	M.E.,	Asst.Prof.
Mrs.R.Binusha	M.E.,	Asst.Prof.
Mrs.G.Dhivya	M.E.,	Asst.Prof.

Department of Science & Humanities

Teaching

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

English

Ms.S.Gopiga Devi	M.A.,	Asst. Prof.
Dr.K.Muthulakshmi	M.A.,M.Phil, Ph.D	Asst. Prof.
Mr.A.Muthusamy	M.A.,M.Phil,B.Ed.,	Asst. Prof.
Mr.T.Sivakumar	M.A.,B.Ed.,	Asst. Prof.
Dr.S.N.I.Sathish Balakumaran	M.A.,M.Phil, Ph.D	Asst. Prof.
Ms.C.Dhanshree	M.A.,NET	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.,	Asso. Prof
Mrs.M.Annapoopathi	M.Sc.,M.Phil.,	Asst. Prof. (SG)
Mrs.S.Sasireka	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.
Mr.N.Sivanandhan	M.Sc.,M.Phil.,SET	Asst. Prof.
Ms.P.Mala	M.Sc.,M.Phil.,SET	Asst. Prof.
Mr.S.Sivabalan	M.Sc.,M.Phil.,SET	Asst. Prof.
Mr.N.Vairavasamy	M.Sc.,M.Phil.,SET	Asst. Prof.
Ms.L.Meenatchi	M.Sc.,M.Phil.,	Asst. Prof.
Mr.P.Ganapathy	M.Sc.,M.Phil.,	Asst. Prof.
Ms.R.Premalatha	M.SC., B.Ed.,	Asst. Prof.
Ms.P.Dharani	M.Sc.,M.Phil.,	Asst. Prof.

Physics

Dr.A.Nichelson	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof. (SG)
Dr.A.Panimaya Valan Rakkini	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.(SG)
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.M.Prabhu	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)
Dr.S.Chithirai kumar	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.(SG)
Dr.B.Annaraj	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.(SG)
Mr.J.Thamba	M.Sc.,M.Phil.,	Asst. Prof.
Dr.B.Rajkumar	M.Sc.,M.Phil.,Ph.D.,	Asst. Prof.

Tamil

Dr.S.Chithra	M.A.,M.Phil,SET, Ph.D	Asst. Prof

Non-Teaching

Mr.C.Maharaja	B.Sc.,	Lab.Asst.
Mrs.A.Vijayarani	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.,

Soft Skill Consultant

Mr.R.Murali Dharan	B.E.,

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
Ms.S.P.Mariaselvi	B.E.,M.LI.Sc.,	Asst. Librarian
Mr.L.Parthirakaliappan	B.Com.,	Assistant
Ms.S.Rajalakshmi	B.Com.,B.LI.Sc.,	Library Asst.
Mr.E.Pon Antony Joseph	M.Sc.,M.LI.Sc.,	Library Asst.
Mr.S.Venkadesh Kumar	B.Sc.,M.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.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.S.Muthulakshmi	M.B.A.,	Assistant
Ms.Yuvalakshmi	M.Com.,	Assistant
Ms.G.Chitra Devi	B.Com.,	Receptionist
Mr.S.Shanmugaraj	SSLC	Attender
Mr.V.Kumar		Attender
Mr.M.Ramesh	SSLC	Attender

Store

Mrs.Pandi Rani	B.Com.,	Assistant

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.A.Navaneethakrishnan	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, (Electrical)	B.E., M.I.E.,	Sr. Executive

Electrical - Power System

Mr.K.Subburaj	ITI	Lab. Assistant
Mr.M.Ayyasamy	ITI	Electrician
Mr.M.Ramesh	D.E.E.E.,	Electrician
Mr.P.Muthukkumar	ITI	Electrician
Mr.M.Petchiappan @ Babu	D.E.E.E.,	Electrician
Mr.V.Udhayakumar	D.E.E.E.,	Electrician
Mr.K.Balaji	D.E.E.E.,	Electrician
Mr.K.Durgai Kumar	D.E.E.E.,	Electrician

Internet, Software, Server and Website

Mr.G.Ganapathy	B.E.,	Lab. Technician
Mrs.Menalosani.G	MCA.,	Sys.Programmer

System, Peripherals and UPS

Mr.G.Mariappan	M.C.A., M.Tech.,	System Analyst

Intercom, Public Addressing Systems & CCTV

Mr.C.Velayutharajan	ITI	Tradesman

AC Systems

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

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.Muthuselvam	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
Mr.N.Seethapathi	Driver
Mr.V.Ramakrishnan	Driver
Mr.R.Vengadakrishnasamy	Driver
Mr.B.Murugan	Driver
Mr.P.Pushparaj	Driver
Mr.P.Naveenkumar	Driver
Mr.M.Sivarajan	Driver
Mr.A.Subramanian	Driver
Mr.S.Gurusamy	Driver
Mr.P.Veilumuthu	Driver
Mr.P.Rajendran	Driver
Mr.M.Muniyasamy	Driver

Security Office

Mr.M.Ravichandran	Security Officer
Mr.M.Paulraj	Security
Mr.M.Kathiresan	Security
Mr.R.Thirupathi	Security
Mr.V.Vijayakumar	Security
Mr.K.Lakshmanan	Security
Mr.K.Venkataraman	Security
Mr.C.Devadoss	Security
Mr.M.Karuppasamy	Security
Mr.P.Ayyanar	Security
Mr.V.Natarajan	Watchman
Mr.V.Velu	Watchman
Mr.P.Chella Samy	Watchman
Mr.A.Inbaraj	Watchman
Mr.P.Seenivasan	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 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 are 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 the 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 be 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.
- 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 smart card carrying his/her photograph and contact details on it. They should keep their smart card with them whenever they are within the college premises and produce it whenever they are asked for. Smart cards 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 systems 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 own 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 to 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

- **The 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 issues of the journal are bounded every year and kept in **Back Volume Section** for reference purposes. Back volumes can also be borrowed by the users.
- **Automation**: InsPro Plus Integrated Library Management Software is fully automated for library services. InsPro Plus is web-based Library Automation software that facilitates automated library systems 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 the NPTEL programme, Spoken Tutorial Workshops, Seminars, Conferences, 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 of six books at a time. The books are issued for 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 facilities to access the e-resources.

Readers Park

In view of encouraging our readers (users) inculcating reading habits in our students community and also 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 the Quality Improvement Cell (QIC), the faculty members and students get benefit 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 and 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 Sofware 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 loses a book, he should replace the book with the latest edition along with overdue charges.
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 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 to 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.
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

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

| 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 academics as well as other activities.

The tutor will maintain a record book for each of his/her wards. 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.D.Venkatkumar
	Dr.F.Michael Thomas Rex	Dr W.Beno Wincy
	Dr D. Vigneshkumar	Dr. P. Ramanan
	Dr. R. Vijaykumar	
ECE	Dr.S.Tamilselvi	Dr.A.Shenbagavalli
	Dr.T.S.Arun Samuel	Dr.N.Arumugam
	Dr.V.Suresh	Dr.I.Paulkani
	Dr. C.Balamurugan	Dr.I.Vivek Anand
CSE	Dr.V.Gomathi	Dr.D.Manimegalai

	Dr.K.Mohaideen Pitchai	Dr.S.Kalaiselvi
	Dr.Naskath.J	
EEE	Dr.M.Willjuice Iruthayarajan	Dr.L.Kalaivani
	Dr.R.V.Maheswari	Dr.N.B.Prakash
	Dr.B.Vigneshwaran	
IT	Dr.K.G.Srinivasagan	Dr.B.Paramasivan
	Dr.R.Muthukumar	Dr.S. Chidambaram
Civil	Dr.C.Puthiyasekar	Dr.V.Kannan
	Dr.C.Chella Gifta	
Chemistry	Dr.M.A.Neelakantan	Dr.S.Thalamuthu
	Dr.E.Ramachandran	Dr.B.Annaraj
	Dr.S.Chithirai Kumar	
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 equipment while working in laboratories. They should take at most precautions to avoid injuries. Students should be very careful while doing experiments to avoid breakages or damages. Wearing shoes and fairly tight dresses aid to prevent injury.

Damages to equipment, causing loss to the college, may deprive the students of the opportunity to make 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 an 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 Spectroflurometer - FP - 8300 (JASCO) with Peltier thermo stut 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 & Hypspec.

English Laboratory

Effective language education stems from offering a 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 the rustic milieu. This mission becomes feasible through a full-fledged Multimedia Language Lab with 65 systems in the main block. Exquisite language proficiency boosting

software 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 these 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 examinations.

Mathematics Laboratory

The laboratory comprises 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 instil 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, with scholars pursuing their research.
- Supported 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 fully furnished audio system, wall mounted LCD projector and glazed floor tile.
- 10 Nos. of 80 Capacity of smart class rooms.
- Exclusive department library with a recent collection of books in different topics.
- 11 Faculty members are Ph.D. Degree holders and 5 faculty members are pursuing their research towards Ph.D., Degree.
- Five and more funded research projects from NewGen IEDC on going.
- 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 leadership qualities, organizing skills and effective communication skills.
- GATE coaching forum focuses on higher studies and the 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 Centre

Centre for cryptography and Information Security : Centre for cryptography and Information Security [CCIS] is a research laboratory established to promote inter-disciplinary cutting-edge research among various departments in theoretical as well as the applied research on cryptography. Its objective is to provide the research facilities to the researchers. PG and UG scholars who ate working in the research areas such as cryptography, cyber security, network security, block chain technology and quantum algorithms in cryptography.

Image Processing Research Centre : This Research Centre was set up to establish CoE Computer Vision using AI and ML, to share high performance computing resources for Image Processing related R&D and Consultancy work and to impart the cutting-edge technological advancements in Image processing among students, faculty and research aspirants.

Focus Group

Our department is having 6 Focus Groups (SIG), for their concerned research, to discuss and explore the recent advancement of their respective study.

- Data Science
- Therory & Algorithm
- Application
- AI & Deep Learning
- Networks

Laboratory Facilities

Laboratories are important educational resources developing software professionals. The department is well equipped with 7 computer laboratories with the 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, 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 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.

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

- 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 6 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 fifteen full-time faculty members and one adjunct faculty from the industry along with four supporting staff. Five faculty members have completed there Ph.D. and Five faculty members are pursuing Ph.D. in the department.
- Three faculty members are recognized as 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 under TNSCST and NewGen IEDC are ongoing. 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 which are applied through NewGen - IEDC are 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.
- Data Analytics Lab.
- Open Source Lab.
- Networking Lab.
- Cloud Computing Lab.
- Mobile Application Development Lab.
- Database Management Systems Lab.
- Cyber Forensics Lab.
- Vulnerability Assessment Lab.
- Web Development Lab.

Incubation Centre

The Department has a separate incubation centre to train young minds to transform 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 vision and mission to produce well educated Mechanical Engineers every year.

VISION

Producing globally competitive Mechanical Engineers with social responsibilities

MISSION

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

collaboration with academia and industry.

Some of the salient features of the department is given below

- B.E. Mechanical Engineering has been accredited by the National Board of Accreditation (NBA), New Delhi continuously from 2000 onwards.
- Accredited by the 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 22 qualified, dedicated faculty members, among them 13 are holding doctoral degrees.
- 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 the Research Centre for carrying out PhD Programme.
- 11 of both internal and external research scholars are pursuing their PhD degree in the department with line to the cutting edge technologies.
- Memorandum of Understanding (MoU) has been signed with M/s. Honeywell Technologies., Madurai, F.L.Smitth 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, Hydrabad 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 projects 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 a 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. The Department has developed 60 new products and filed 21 patents so far. Among them, 3 product patent and 5 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 to meet the energy requirements of the entire Campus by utilizing Renewable Energy Sources, to provide adequate facilities for 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. The Centre is taking effort to establish collaborative research work with various organizations.

Laboratories

The department has well furnished conventional class rooms, elective halls, smart class room and seminar halls (250 capacities) in addition to fully equipped laboratories and workshops. Further, some of the special equipment are also available to execute research activity in the laboratories. The details of the 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 an 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 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 opportunities 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 are 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 which 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 behavior.
- To equip the students 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 the 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 connectrorization 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. 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, Quartuz 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 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 Network 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 incorporated 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 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 equip the student's industry ready.

Embedded System Laboratory

This laboratory is equipped with higher end processors based systems that 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 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, to practice Edge

AI(vision) design for ML applications, this laboratory facilitates the students with Beaglebone (AI) bard with logitech 926D camera inface.

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 labtop, 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.
- 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 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 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 phases 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 was 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, MATLAB (R2023B) with 35 tool boxes. It has an 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 services. It has 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 the 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 a 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

State-of-the art Smart Protection and Control Laboratory 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 a 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 the latest numeric Relays, various faults occurring in Power system are simulated & protection against various faults are demonstrated using the demonstration models which are obtained from 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 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 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 (R2023B).

The laboratory is equipped with 40 computer systems. 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 presentations and a venue for students' placement activities.

Active Classroom

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

Audio-video facility with the 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 to 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 ambiance
- To prepare the student for leadership roles in Civil Engneering
- 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 has an intake of 60 student per year for UG course was approved by AICTE.
- Supported by well qualified and dedicated faculty members.
- An exclusive separate building with a 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 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 computer based Analysis, Design & Drafting to Civil Engineering students. The laboratory is well equipped with all the recent software 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 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, 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 tests 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 a 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.
- Bernoulli's theorem-Verification Apparatus.

Survey Laboratory

- Total stations and its accessories
- Vernier Transit Theodilite 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.
- Impact Testing Maching - Izod and Charpy Test.

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE ENGINEERING

The Department of Artificial Intelligence and Data Science was established in the year 2022. The goal of the department is to ensure the academic excellence in students with wide exposure of research and career opportunities. The unique undergraduate program, B.Tech. Artificial Intelligence and Data Science (AI & DS), aims the students to acquire technical skills to perform data analytics, develop robotics automation systems and visualization in emerging real-time applications. Program envisions to equip students with the ability to identify and assess societal, health, safety and cultural issues with an emphasize on identifying their consequent responsibilities as engineers of offering optimal and effective solutions. The department is well equipped with state-of-the-art infrastructure to empower the students with the state of art technologies.

Vision

To produce globally competent, innovative, computing professionals to meet current challenges in the field of Artificial intelligence and Data Science with social responsibilities.

Mission

· Offering well-balanced curriculum with state of the art technologies to impart professional competencies and transferable skills.

· Bringing innovations in Teaching-Learning process through experienced learning and project/product based learning.

· Collaborating National and International Industries and Academia to develop foresight technologies in Artificial intelligence and Data Science.

Salient Features of the department

· AICTE approved intake is 60 students per year for B.Tech - AI & DS in specialization with Artificial Intelligence and Data Science.

· Experienced Faculty members in the field of data analytics and AI and published their research works in more than 20 SCI and Scopus journals.

· Well-equipped laboratories with high end systems are established to develop innovative projects and research works.

· Consultancy work is carried out from M/s Embris Global Solutions, Chennai for Robotic Automation for Solid Propellant Mixer Cleaning Project, during 2022.

· Automated Robotic weed eradication system was developed and funded by IE(I), Kolkatta.

· The department library has a sufficient number of latest books, magazines and project work reports.

· AI &DS Association is functioning well and various technical and non-technical activities are conducted for the benefit of students.

LABORATORIES

The department has following well-equipped laboratories with latest configurations of computer systems.

Data Analytics Laboratory

Data Analytics lab is well-equipped with high end systems with GPU processors with the configuration of High end Core-i7 systems and Graphics cards for conducting data analytics lab and Artificial Intelligence lab with large data set. This lab is equipped with High end Core-i7 systems with high capacity Graphics cards. This lab is used to study, process and analyze the data using Python, Numpy, Scipy, Matplotlib, Pandas, statsmodels, seaborn, plotly, bokeh. The students perform various experiments in mathematical functions, random number generators, linear algebra routines, Fourier transforms operations, optimization, integration, interpolation, eigenvalue problems, algebraic equations, differential equations, statistics, data processing, data prediction, decision making, animated and interactive visualizations. Students can work with large data sets and visualize interactive statistical models and random distributions.

Artificial Intelligence Laboratory

This lab has developed with the aim of learning about the latest technologies of the field like Deep Learning, Machine Learning, and Robotics, it has latest software tools and platforms to our students not only learn but also to work with them to build automation systems.

Thrust areas of Research
· Data Science
· Medical Image analysis
· Data Security
· Artificial Intelligence
· Machine Vision
· Agricultural automation systems

Students are encouraged to design smart machines or to develop software applications that can self-learn and imitate the traits of the human mind with the help of reasoning, sensory applications, planning, optimal decision making and problem-solving techniques.

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 the 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
Ms.S.Karthika, AP/ECE	Member
Mrs.R.Gurulakshmi	Assistant
Mr.S.Chandrasekaran	Assistant
Ms.S.Geetha	Assistant

Training & Placement Centre

Dean : Dr.K.G.Srinivasagan, Prof.&Head/IT
Convenor : Mr.V.Manimaran, Asso. Prof/IT

Members

Dr.N.B.Prakash, Prof./EEE	Mr.K.Rajkumar, AP(SG)/CSE
Dr.P.Ramanan, AP(SG)/Mech	Mr.M.Sathish Kumar, AP(SG)/ECE
Dr.S.Rajagopal, AP(SG)/IT	Mr.V.Arulpandian, AP/Civil
Dr.S.N.I.Sathish Balakumaran, AP/S&H	Mr.Ramamoorthy, 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 the right careers.

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

- 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.Shenbagavalli .A, Prof./ECE & Dean (Academic)

Members

Dr.K.Mohaideen Pitchai, Prof./CSE   Dr Michael Thomas Rex.F, Asso Prof/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
Ms.S.Anandhi   Assistant

External Members

Dr. R Brakaspathy,   **Dr. Debasis Samanta,**
R&D Advisor,   Associate Professor,
IIT- Madras, Chennai.   Dept. of CSE, IIT-Kharagpur.

Dr.J.Klutto Milleth,   **Dr.Murugan Karuppiah**
Chief Technologist,   Scientist "E"
Center of Excellence in Wireless   International Advanced Research Centre,
Technology (CEWiT),   for Powder Metallurgy and New Materials(ARCI),

Adjunct Faculty/Electrical Engg.,   Balapur P.O., Hyderabad: 500 005
IIT- Madras, Chennai.

Role and responsibilities:

- The primary role of the Research Advisory Board (RAB) is to guide in establishing a research ambiance with adequate state-of-art infrastructures at recognized research centers of the Institution.

- The RAB comprises the Director, Principal and 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 has been 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.S.Tamilselvi	HOD/ECE
Dr.S.Iyahraja	HOD/Mech
Dr.V.Gomathi	HOD/CSE
Dr.M.A.Neelakantan	HOD/S&H
Dr.R.V.Maheswari	Asso.Warden /Ladies Hostel
Dr.S.Dheenathayalan	Asso.Warden/Gents Hostel

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

Coordinator	: Dr.L.Kalaivani, Prof./EEE
Co-Coordinator	: Dr.R.Harichandran, Prof./Mech

Members

Mr.R.Vignesh Kumar AP(SG)/Mech	Dr.S.Geetha, AP(SG)/S&H
Dr. Prasanna Venkatesan.K.J., Asso. Prof./ECE	Dr.M.Gengaraj, AP(SG)/EEE
Dr. Chidambaram.S, Asso. Prof./IT	Mr.B.Gowtham, AP/Civil
Dr.J.Ida Christy, AP/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 :   Mr.K.Sudalaiyandi, AP/Mech

Members

Mrs.M.Manimegalai, AP/IT	Mr.R.Jayavenkatesh, AP/Mech
Dr.R.Manjula Devi, AP(SG)/ECE	Dr.B.Annaraj, AP/S&H
Mr.Samuel Pakianathan, AP/EEE	Ms. M. Balamaheswari, 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 Council Coordinator   : Dr.D.Vigneshkumar,AP(SG)/Mech.

Members

Mr.Samuel Pakianathan, AP/EEE	Ms.V.Anitha, AP/IT
Ms.M. Kanthimathi, AP/CSE	Mr.A.Darral Alfred, AP/Civil
Ms.J.E.Jeyanthi, AP/ECE	

● 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 the industry. ● Financially assisting the innovative projects. ● Providing job opportunities through our Alumni.

Institution and Learning Management System (I&LMS)

Convener   :   Dr.D.Venkat Kumar, Asso. Prof./Mech

Software Development Team

Coordinator :   Dr.S.Kalaiselvi, Asso.Prof./CSE
Member   :   Ms.T.Santhi, AP/IT
                          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 is available at our premises since August 2011 and is technically supported by M/s.Palpap Ichinichi Software International Limited, Chennai.

KR Innovation Center & Institution Innovation Council

Chief Executive Officer : Dr.G.Vinodh
Coordinator : Dr.K.Manisekar, Dean(I&E)
Co-Coordinators : Dr.T.Sakthi, AP(SG)/Hum

Members

Dr.Rajakumari.R, AP(SG) / CSE.
Mr.P.Kasirajan, AP/Civil
Mr.P.G.Siva Sharma Karthick, AP/IT
Mr.S.Sivabalan, AP/S&H

Dr.A.Saravana Selvan, Asso. Prof/ECE
Mr.K.Kumar, AP/EEE
Mr.K.Pradeepraj, AP/Mech.

EDC (Entrepreneurship Development Cell) and NewGen IEDC

Coordinator : Dr.I.Sankar, AP(SG)/Mech.
Co-cordinator : Mr.M.Sivapalanirajan, AP/EEE
Members :
Mr.B.Venkatasamy, AP(SG)/EEE
Mr.M.Sathishkumar, AP(SG)/ECE
Dr.M.Prabhu, AP/S&H

Ms.Amsa Veni, AP/CSE
Mr.R.Vigneshkumar, AP(SG)/Mech
Mr.Arulpandian, 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.

- Develop entrepreneurship student groups and 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 far the society.

Intellectual Property Rights Cell(IPR)

Member   :   Mr.A.Andrews, AP/Mech.

International Studies

Coordinator   :   Dr.E.Ramachandran, AP/S&H
Members   :   Ms.K.B.Mirra, AP/CSE
               :   Ms.R.Binusha, AP/AI&DS

Student Affairs and Industrial Relations:

Dean   :   Dr.B.Paramasivan. Prof/IT
Coordinator   :   Dr.V.Suresh, Asso.Prof/ECE,
                   Dr.V.Kannan, Asso.Prof/CIVIL
External Members : Dr.R.Srinivasan, Doctor
                   Dr.R.Saranya, Doctor
                   Mrs.V.Vasanthalakshmi, Psychologist

a.Student Affairs : Members

Mr.K.Thoufiq Mohammed, AP(SG)/ Mech   Dr.M.Prabhu, AP/S&H
Dr.S.Lavanya, AP/ECE   Mr.J.Karthikeyan,AP/CSE
Dr.F.X Edwin Deepak,AP/EEE   Ms.P.Ramya, AP/AI&DS
Mr.K.Marimuthu, AP/CIVIL

b.Industry Releations : Members

Dr.N.Arumugam, Asso.Prof/ ECE   Dr.V.Manimaran, Asso.Prof/ IT
Dr.B.Shanmuga Priya, AP(SG)/CSE   Dr.W.Beno Wincy,AP/Mech
Ms.M.Balamaheswari, AP/CIVIL   Dr.B.Rajkumar, AP/S&H

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   :   Dr.M.Syed Rabiya, AP/CSE

Indian Society for Technical Education staff chapter is functioning in our 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   :   Ms.M.Kanthimathi, AP/CSE

Member   :   Ms.R.Madhu, AP/IT

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 Hightest Committed Student activist award was received by 11 students.

IEEE Student Branch

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

Members

Dr.S.Chidambaram,Asso. Prof./IT   Mr.A.Shenbagharaman, AP(SG)/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.S.Chidambaram, Asso. Prof./IT
Mr.J.Karthikeyan, AP/CSE

IEEE Computer Society Student Branch Chapter (SBC 35441A) was 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 the opportunity for IEEE members and IEEE Computer Society members to frame a 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 industry 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.C.Balamurugan,Asso. Prof/ECE
Members
Mr.F.Antony Jeffrey vaz, AP/EEE   Ms.S.Santhi, AP/IT
Mr.C.Veera Ajay, AP/Mech.   Ms.D.Abisha, 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   : Dr.A.Saravana Selvan, Asso. Prof/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, Asso. Prof/Mech

Treasurer   : Dr.S.Iyahraja, Prof & Head/Mech.

Joint Secretary   : Mr.S.R.Sundara Bharathi, AP/Mech.

Administrative Members: Mr.K.Thoufiq Mohammed, 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.R.Vijayakumar, AP(SG)/Mech

Co-coordinator : Mr.K.Karthikkumar, AP/EEE

"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 the 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.R.Harchandran, 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, quiz contests, plant and site visits and providing a platform for leading employers to recruit candidates who are members of ISHRAE student chapters. ISHRAE promotes research in the field of HVAC&R technology. It offers financial support to Graduate/Post Graduate students and research scholars, to carry out innovative work on R & D in Technology, Systems, and Processes. Through this chapter, students can be availed of various benefits like easy access to all ISHRAE Technical Publications, International exposure through International Associates, Workshops, Conferences, Training Programs, Placement activities and financial support for project work etc.

ICTACT

Convener : Mr.P.G.Siva Sharma Karthick, AP/IT
Member : Ms.M.Malathi, AP/IT

Red Hat Academy

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.

CISCO Networking Academy

Curriculum Lead & SPOC : Dr.K.Mohaideen Pitchai, Prof./CSE
Instructors : Dr.R.Muthukkumar, Prof./IT

Dr.S.Chidambaram, Asso. Prof/IT
Mr.A.Shenbagharaman, AP(SG)/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 : Ms.K.Poorani, AP/AI&DS
Robotics & Autonomous Vehicle
Mr.B.Venkatasamy, AP(SG)/EEE   Mr.K.Sudalaiyandi, AP/Mech.

Equal Opportunity Cell

Convener : Dr.V.Ramasubbu, AP/S&H
Members
Mr.Thangaraj, AP/EEE   Ms.G.Dhivya, AP/AI&DS
Ms.S.Sulochana, AP/ECE

Website Maintenance

Mr.B. Gurumoorthy   Software Developer

Social Media

Coordinator   :   Dr.E.Ramachandran, AP(SG)/S&H
Member   :   Mr.R.Krishnamoorthy, Designer

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 refreshments 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 regularly participate 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 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 opportunities 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 the overwhelming response from the students the second unit was started and has been functioning since 1999. These units provide opportunity for those who want 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 far 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   : Mr.J.Thamba, AP/S&H
Member   : Ms.P.Arishenbagam, AP/ECE

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 on 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 participate in the cultural programs conducted by other Institutions, and showcase their talents.

Rotaract Club

Convener   : Mr.S.Cammillus, AP(SG)/ECE
Member   : Dr.M.Ganapathy, AP/S&H

Rotaract club is part of a global effort to bring peace and international understanding to the 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 ages 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.A.Muthusamy, 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 activities like blood donation, environmental cleanliness, etc.,

Red Ribbon Club

Convener : Ms.K.Muthulakshmi, 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.

Youth Welfare Association

Coordinator : Mr.N.Sivanandhan, AP/S&H

In 1997, YWA was started in our college, Nowadays 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 aims to extract 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 : Ms.S.S.Basitha Parveen, 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.A.Panimaya Valan Rakkini, AP(SG)/S&H

The Science Club creates curiosity and awareness of career opportunities in the field of Science and Technology. The club organizes national and local conferences, symposia, seminars, workshops and promotes the 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 : Mr.S.Sivabalan, AP/S&H

The Prime objective of the club is to develop problem solving skills among the students. Aptitude training programs are conducted for the students with the 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.

Literary Club

Coordinator : Mrs.S.Jeba, Soft Skill Trainer

The Literary club aims to equip students, to acquire mastery of 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 & Head/ ECE
Member : Ms.S.Malathi, AP/ECE, Ms.C.Gawari, 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 the 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.K.Karunai Raghavan, Librarian

Reading is a creative, mind expanding, adventurous and 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.

To promote the 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.Dheenathayalan AP(SG)/CSE. Warden / Gents Hostel
Dr. I. Paulkani, AP(SG)/ECE
Mrs.S.Bairavi, OA / ECE

Mr.S.Palraj, OA/ Mech.
Ms.S.Suji, Student / UG
Ms.Anbu Prasanna.R (Reg. No. 2012047), Student/UG
Ms.Raja Rajeswari.P (Reg. No. 2251003), 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, Asso.prof/CSE

Members

Mr.S.Cammilus, AP(SG)/ECE   Mr.S.Kannan, AP/Civil
Dr.Edwin Deepak.F.X, AP/EEE   Ms.R.Suguna, AP/IT

Prevention of Sexual Harassment (POSH) Cell

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

Members

Dr.Rajakumari.R, AP(SG)/CSE   Dr.C.Lakshmi, AP/ECE
Ms.Basitha Parveen.S.S, AP/S&H   Ms.M.Balamaheswari, AP/Civil

SC/ST Committee

Convener   :   Dr.C.Chella Gifta, Asso. Prof./Civil

Members

Dr.F.Michael Thomas Rex, Asso. Prof./Mech   Mr.M.Ashokpandian, AP/Civil
Dr.E.Ramachandran, AP/S&H   Dr.T.Arjun, AP/S&H

OBC Cell

Convener   :   Mr.B.Prince Abraham, AP(SG)/Mech.

Members

Ms.G.Ramya, AP/IT   Ms.R.Vazhan Arul Santhiya, AP/CSE

Minority Cell

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

Members

Mr.I.Vivek Anand, AP(SG)/ECE
Mr.Antony jeffrey vaz.F AP/EEE   Ms.S.Jeba, Soft Skill Trainer

Student Counselor Committee

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

<div align="center">Members</div>

Dr.A.Vanitha, Doctor	Dr.V.K.Anand, Doctor
Ms.V.Anitha, AP/IT	Mrs.V.Vasanthalakshmi, Psychologist

Hostel

Gents Hostel

Dr.S.Chithirai Kumar, AP(SG)/S&H	Asso. Warden
Dr.S.Dheenathayalan, AP(SG)/CSE	Asso. Warden

Manager

Mr.Velraj, B.com.,

Residential Wardens

Mr.Marichamy, Diploma Mech.	Mr.Kandasamy, B.A

Ladies Hostel

Dr.R.V.Maheswari, Prof./EEE	Asso. Warden
Ms.M.Balamaheswari, AP/Civil	Asso. Warden
Ms.M.Bhagavathi, B.com.,	Residential Warden

Bulletin Committee

Ms.S.Gopika Devi, AP/S&H	Convener
Mr.R.Krishnamoorthy/Designer	Member

Canteen & Cafeteria

Coordinator : Ms.M.Balamaheswari, AP/Civil

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
	:	Dr.R.Vijayakumar, AP(SG)/Mech.
	:	Dr.A.Nicheslon, AP(SG)/S&H

Transport

Mr.V. Alagar Ramanujam	Transport Manager

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 n o n -

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 for the students.
- For drinking purposes, 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 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 an 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 rooms. 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 the 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 the hostel upto 7.00. (After week end leave/leave on medical grounds).

GENERAL FACILITIES

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 an 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, 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 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 hardware & System software for the computers and peripherals like Printers, Scanners, Photocopy machines etc.
- Introduction of innovative methods to maintain quality online UPS and its hardware.
- Plan, coordinate, and implement computer security measures 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 hour 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 on 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.The 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 they are. The coverage of WiFi is not only restricted to class rooms, it also extends to all areas including libraries 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 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 from time to time. The 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 Scholorship 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 Scholorship 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

"The only guarantee for failure is to stop trying" John C. Maxwell

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

"There is no armor like perseverance" Sogyal Rinpoche

	2. Maximum two girl children per family are eligible. 3. Family income from all sources should not be more than Rs. 8 lakh per annums during the current financial year. A valid income certificate issued by State/ UT Government need to be enclosed.	Banks registered in the website
7. Vidhya Lakshmi Education Loan Scheme	Vidya Lakshmi Portal provides single window for students to access information about various loan schemes provided by banks and make applications for Educational Loans.	Refer website

Community scholarship

Essential Requirements to apply for community scholarships

a. 75% attendance
b. Declaration by the student and parent in the prescribed form

PRIZES, MEDALS AND SCHOLARSHIPS

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

● **Kalvithanthai Thiru K.RAMASAMY Memorial Merit Scholarship** is offered to 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 July and 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

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
2023 - 2024

Calender for the year 2023 - 2024

சோபகிருது ஆடி – ஆவணி			June 2023
தேதி	Day	Date	Remarks
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	
28	Sun	11	
29	Mon	12	
30	Tue	13	
31	Wed	14	
32	Thur	15	
1	Fri	16	
2	Sat	17	
3	Sun	18	
4	Mon	19	
5	Tue	20	
6	Wed	21	
7	Thur	22	
8	Fri	23	
9	Sat	24	
10	Sun	25	
11	Mon	26	
12	Tue	27	
13	Wed	28	
14	Thur	29	
15	Fri	30	

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

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

"Once you learn to read, you will be forever free" Frederick Douglass

சோபகிருது ஆடி – ஆவணி			August 2023
தேதி	Day	Date	Remarks
16	Tue	1	
17	Wed	2	
18	Thur	3	
19	Fri	4	
20	Sat	5	
21	Sun	6	
22	Mon	7	
23	Tue	8	
24	Wed	9	
25	Thur	10	
26	Fri	11	
27	Sat	12	
28	Sun	13	
29	Mon	14	
30	Tue	15	
31	Wed	16	
32	Thur	17	
1	Fri	18	
2	Sat	19	
3	Sun	20	
4	Mon	21	
5	Tues	22	
6	Wed	23	
7	Thur	24	
8	Fri	25	
9	Sat	26	
10	Sun	27	
11	Mon	28	
12	Tues	29	
13	Wed	30	
14	Thu	31	

"Procrastination is the thief of time" Edward Young

சோபகிருது ஆவணி – புரட்டாசி			September 2023
தேதி	Day	Date	Remarks
15	Fri	1	
16	Sat	2	
17	Sun	3	
18	Mon	4	
19	Tue	5	
20	Wed	6	
21	Thur	7	
22	Fri	8	
23	Sat	9	
24	Sun	10	
25	Mon	11	
26	Tue	12	
27	Wed	13	
28	Thur	14	
29	Fri	15	
30	Sat	16	
31	Sun	17	
1	Mon	18	
2	Tue	19	
3	Wed	20	
4	Thur	21	
5	Fri	22	
6	Sat	23	
7	Sun	24	
8	Mon	25	
9	Tues	26	
10	Wed	27	
11	Thur	28	
12	Fri	29	
13	Sat	30	

சோபகிருது ஆவணி – புரட்டாசி

சோபகிருது புரட்டாசி – ஐப்பசி			October 2023
தேதி	Day	Date	Remarks
14	Sun	1	
15	Mon	2	
16	Tue	3	
17	Wed	4	
18	Thur	5	
19	Fri	6	
20	Sat	7	
21	Sun	8	
22	Mon	9	
23	Tue	10	
24	Wed	11	
25	Thur	12	
26	Fri	13	
27	Sat	14	
28	Sun	15	
29	Mon	16	
30	Tue	17	
1	Wed	18	
2	Thur	19	
3	Fri	20	
4	Sat	21	
5	Sun	22	
6	Mon	23	
7	Tue	24	
8	Wed	25	
9	Thur	26	
10	Fri	27	
11	Sat	28	
12	Sun	29	
13	Mon	30	
14	Tue	31	

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

சோபகிருது ஐப்பசி – கார்த்திகை			November 2023
தேதி	Day	Date	Remarks
15	Wed	1	
16	Thur	2	
17	Fri	3	
18	Sat	4	
19	Sun	5	
20	Mon	6	
21	Tue	7	
22	Wed	8	
23	Thur	9	
24	Fri	10	
25	Sat	11	
26	Sun	12	
27	Mon	13	
28	Tue	14	
29	Wed	15	
30	Thur	16	
1	Fri	17	
2	Sat	18	
3	Sun	19	
4	Mon	20	
5	Tues	21	
6	Wed	22	
7	Thur	23	
8	Fri	24	
9	Sat	25	
10	Sun	26	
11	Mon	27	
12	Tues	28	
13	Wed	29	
14	Thur	30	

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

சோபகிருது கார்த்திகை – மார்கழி			December 2023
தேதி	Day	Date	Remarks
15	Fri	1	
16	Sat	2	
17	Sun	3	
18	Mon	4	
19	Tue	5	
20	Wed	6	
21	Thur	7	
22	Fri	8	
23	Sat	9	
24	Sun	10	
25	Mon	11	
26	Tue	12	
27	Wed	13	
28	Thur	14	
29	Fri	15	
30	Sat	16	
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	

சோபகிருது கார்த்திகை – மார்கழி

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

சோபகிருது மார்கழி – தை			January 2024
தேதி	Day	Date	Remarks
16	Mon	1	
17	Tue	2	
18	Wed	3	
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	
1	Mon	15	
2	Tue	16	
3	Wed	17	
4	Thur	18	
5	Fri	19	
6	Sat	20	
7	Sun	21	
8	Mon	22	
9	Tue	23	
10	Wed	24	
11	Thur	25	
12	Fri	26	
13	Sat	27	
14	Sun	28	
15	Mon	29	
16	Tue	30	
17	Wed	31	

சோபகிருது மார்கழி – தை   **January 2024**

சோபகிருது தை – மாசி			February 2024
தேதி	Day	Date	Remarks
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	
28	Sun	11	
29	Mon	12	
1	Tue	13	
2	Wed	14	
3	Thur	15	
4	Fri	16	
5	Sat	17	
6	Sun	18	
7	Mon	19	
8	Tue	20	
9	Wed	21	
10	Thur	22	
11	Fri	23	
12	Sat	24	
13	Sun	25	
14	Mon	26	
15	Tue	27	
16	Wed	28	
17	Thur	29	

"Start where you are. Use what you have. Do what you can" Arthur Ashe

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

சோபகிருது மாசி – பங்குனி   **March 2024**

சோபகிருது பங்குனி – குரோதி சித்திரை			April 2024
தேதி	Day	Date	Remarks
19	Mon	1	
20	Tue	2	
21	Wed	3	
22	Thur	4	
23	Fri	5	
24	Sat	6	
25	Sun	7	
26	Mon	8	
27	Tue	9	
28	Wed	10	
29	Thur	11	
30	Fri	12	
31	Sat	13	
1	Sun	14	
2	Mon	15	
3	Tue	16	
4	Wed	17	
5	Thur	18	
6	Fri	19	
7	Sat	20	
8	Sun	21	
9	Mon	22	
10	Tue	23	
11	Wed	24	
12	Thur	25	
13	Fri	26	
14	Sat	27	
15	Sun	28	
16	Mon	29	
17	Tue	30	

சோபகிருது பங்குனி – குரோதி சித்திரை | April 2024

"The best way to predict your future is to create it" Abraham Lincoln

குரோதி சித்திரை – வைகாசி			**May 2024**
தேதி	Day	Date	Remarks
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	
1	Tue	14	
2	Wed	15	
3	Thur	16	
4	Fri	17	
5	Sat	18	
6	Sun	19	
7	Mon	20	
8	Tue	21	
9	Wed	22	
10	Thur	23	
11	Fri	24	
12	Sat	25	
13	Sun	26	
14	Mon	27	
15	Tue	28	
16	Wed	29	
17	Thur	30	
18	Fri	31	

குரோதி சித்திரை – வைகாசி

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

குரோதி வைகாசி – ஆனி			June 2024
தேதி	Day	Date	Remarks
19	Sat	1	
20	Sun	2	
21	Mon	3	
22	Tue	4	
23	Wed	5	
24	Thur	6	
25	Fri	7	
26	Sat	8	
27	Sun	9	
28	Mon	10	
29	Tue	11	
30	Wed	12	
31	Thur	13	
32	Fri	14	
1	Sat	15	
2	Sun	16	
3	Mon	17	
4	Tue	18	
5	Wed	19	
6	Thur	20	
7	Fri	21	
8	Sat	22	
9	Sun	23	
10	Mon	24	
11	Tue	25	
12	Wed	26	
13	Thur	27	
14	Fri	28	
15	Sat	29	
16	Sun	30	

குரோதி வைகாசி – ஆனி | | | June 2024

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

குரோதி ஆனி – ஆடி			July 2024
தேதி	Day	Date	Remarks
17	Mon	1	
18	Tue	2	
19	Wed	3	
20	Thur	4	
21	Fri	5	
22	Sat	6	
23	Sun	7	
24	Mon	8	
25	Tue	9	
26	Wed	10	
27	Thur	11	
28	Fri	12	
29	Sat	13	
30	Sun	14	
31	Mon	15	
32	Tues	16	
1	Wed	17	
2	Thur	18	
3	Fri	19	
4	Sat	20	
5	Sun	21	
6	Mon	22	
7	Tue	23	
8	Wed	24	
9	Thur	25	
10	Fri	26	
11	Sat	27	
12	Sun	28	
13	Mon	29	
14	Tue	30	
15	Wed	31	
குரோதி ஆனி – ஆடி			July 2024

"You are braver than you believe" A.A Milne

CAMPUS LAYOUT

Tirunelveli - Kovilpatti (NH7)

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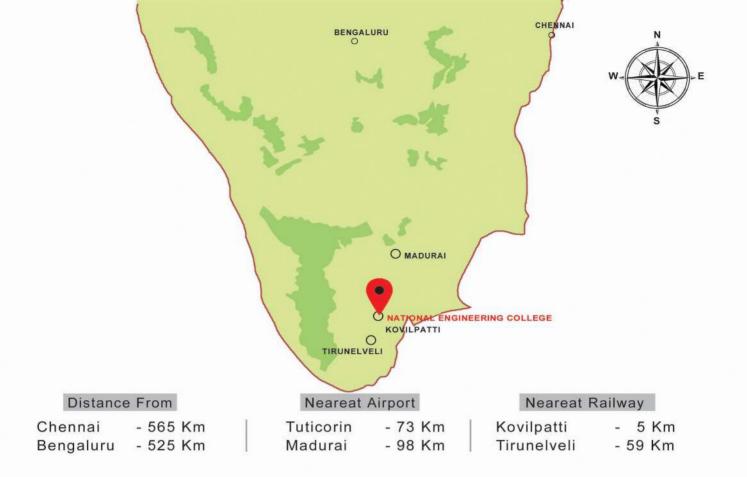28. Hockey Ground
29. ATM

Time Table for 2023- 2024

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								

Distance From		Neareat Airport		Neareat Railway	
Chennai	- 565 Km	Tuticorin	- 73 Km	Kovilpatti	- 5 Km
Bengaluru	- 525 Km	Madurai	- 98 Km	Tirunelveli	- 59 Km

NEC

TRANSFORMING LIVES
THROUGH QUALITY EDUCATION

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