

PATTUKKOTTAI POLYTECHNIC COLLEGE



(Estd. 1983 – Govt. Aided – AICTE Approved Institution)

(An ISO 9001 : 2008 Certified Institution)

Website: www.ppc-india.org

Toll Free : 1800 572 3657



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NEWSLETTER

ACADEMIC YEAR 2022-2023

ODD SEM

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NEWS LETTER EDITORIAL TEAM

M.PRABHA M.E., HOD/EEE	MANOJ B - III YEAR EEE
V.MOURIYA B.E., LECTURER	ROHITH J - II YEAR EEE
K.VINNARASI M.E., LECTURER	SANJAY A - II YEAR EEE

CORRESPONDENT MESSAGE



*MR.S.DS.SELVAM B.E., L.L.B.,
CORRESPONDENT*

Pattukkottai Polytechnic College was established with a tall objective of providing technical education for the students of this rural region.

Our Institution has been on its mission of building a flourishing student society, by motivating every individual and guiding them to attain sure success.

Our institution has come across many milestone events during its journey over the last 40 years and has set the stage for achieving educational excellence through the perseverance of the faculty, commitment of students, and all the dignified well-wishers of the institution.

As students of this institution, we are sure that you would have gained immense knowledge and maturity which will help you to elevate in the future.

We wish all our beloved students to achieve new heights in your life and career. Hope to see you all in our alumni meet with greater and respected position in our society.

PRINCIPAL MESSAGE



*MR.P.SRINIVASAN B.E., M.TECH.,
PRINCIPAL (I/C)*

Pattukkottai Polytechnic college has a rich tradition of soaring high with academic excellence and overall personal growth of students. Our college is not only focusing on imparting academic knowledge to the students but it is also inculcating life skills and communicative skills to help them in shaping up their personality. To refine the necessary attitude, aptitude and skills to achieve placements, the institute is supportive to the students.

I extend my warm welcome to all the well wishers of our institute. At the outset, he would like to extend his greetings to all his students, Alumni, Colleagues, parents, industry partners and well wishers of our institute.

Our center for placement always remains a crucial interface between the academic career of the students and their entry into passionate employment. The college is constantly keeping itself updated and upgraded in terms of innovative teaching and technology.

VISION OF INSTITUTE

To step forward towards Educational Excellence by inspiring students to be a competent Engineering professional to serve the needs of the industry and the society and create them as an entrepreneur.

MISSION OF INSTITUTE

- M1.** To impart quality education through demanding academic programs and create enthusiasm for life- long learning
- M2.** To enhance career opportunities for students through exposure to industry.
- M3.** To promote excellence by encouraging creativity, critical thinking, team work, leadership and ethics among students
- M4.** To inculcate sensitivity towards society and a respect for the environment

VISION OF EEE :

To become a front-runner in bringing out globally competent electrical and electronics engineers and entrepreneurs and thereby contribute values to the knowledge-based economy and society.

MISSION OF EEE:

- M1:** To promote comprehensive education and professional development by providing effective teaching learning process and quality infrastructure.
- M2:** To conduct skill development programmes in engineering technologies to serve the needs of industry, society, scientific communities and as an entrepreneur
- M3:** To inculcate work ethics and commitment in students for their future endeavors to serve the society with an attitude towards lifelong learning.
- M4:** To encourage the habit of team work and to develop technical and professional skills in each student to work individually as well as in team.

PEQs:

- PEQ1:** **Employability & Higher studies:** Graduates will excel in higher education or to succeed in the electrical industry or in technical professions, through rigorous training during the program.
- PEQ2:** **Professionalism:** Graduates will be able to provide socially acceptable technical solutions to complex electrical

engineering problems with the application of modern and appropriate techniques for sustainable development.

- PEQ3:** **Managerial skills:** Graduates will possess managerial skills to face challenges in the profession by working harmoniously in a team with effective communication skills, excellent leadership qualities, life-long learning attitude for a successful professional career.

PROGRAM OUTCOMES:

- PO1:** **Basic and Discipline specific knowledge:** Apply the theory of mathematics, science, electrical and electronic engineering fundamentals for solving the complex engineering problems.
 - PO2:** **Problem analysis:** Identify, formulate and analyse complex electrical and electronic engineering problems using the principles of mathematics, science and engineering.
 - PO3:** **Design/ development of solutions:** Apply creative thinking to solve complex electrical and electronic engineering problems, verify and implement the solutions with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.
 - PO4:** **Engineering Tools, Experimentation and Testing:** Select and apply appropriate techniques, resources and modern electrical and electronic engineering tools, including prediction and modelling, to design, analyse and verify the electrical and electronic engineering systems and their components.
 - PO5:** **Engineering practices for society, sustainability and environment:** Apply appropriate technology in context of society with proper understanding of the impact of electrical and electronic engineering solutions in societal and environmental contexts and demonstrate knowledge of and need for sustainable development.
 - PO6:** **Project Management:** Demonstrate knowledge of engineering and management principles as a member and leader in a team, in managing multidisciplinary environments and effectively communicate on complex engineering activities with the engineering community and the society at large through written, oral and electronic forms.
 - PO7:** **Life-long learning:** Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change in electrical and electronic engineering.
- PSOs:**
- PSO 1:** **Integrate** the knowledge of fundamental electronics, power electronics and embedded systems for the controllability, reliability and sustainability of electrical systems.

ABOUT THE DEPARTMENT

Electrical and Electronics Engineering is one of the largest and fastest growing fields. An electrical engineer is one of the high profile.

It is obvious that the whole world relies on electrical technology, without it our life would cease. Thus, becoming an electrical engineer affords you prestige and importance not found in other occupations.

An electrical engineer is generally focused on **large-scale electrical systems such as power transmission, motor control, utilizing electricity, and transmitting energy.**

The electrical engineer designs new electrical systems and tests equipment and solves the problems. The electrical design engineer develops new electrical systems for various applications. There are plentiful career opportunities for electrical engineers.

Electrical engineers can choose to work in a variety of industries including **telecommunications, computers, aerospace, power generation, and manufacturing industries.**

LIST OF FACULTIES

1.	M. PRABHA M.E., HOD/EEE
2.	M. DURAI B.E.,
3.	S. MANOBALAN M.E.,
4.	S. ANNAMALAI B.TECH.,
5.	K. VINNARASI M.E.,
6.	V. MOURIYA B.E.,
7.	T.BHARATHAKAVIYARASI M.E.,

EEE ASSOCIATION- TECHNOVATION ACTIVITIES

EXPERT LECTURES



Pattukkottai, Tamil Nadu, India

53, Nariyam Palayam Rd, Bakiyam Nagar, Pattukkottai, Tamil Nadu

614601, India

Lat 10.437092°

Long 79.298872°

04/08/22 10:41 AM

P.Nandhakumar, Co-Founder, Titanium Tekzi Business Solution, Salem delivered guest lecture about **"Creating Awareness On Entrepreneurship And Innovation"** for Third Year on 04.08.2022.



Pattukkottai, Tamil Nadu, India

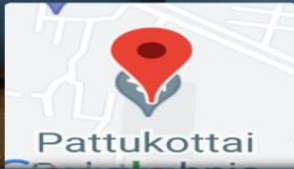
C8Q2+F7X, Duvara Vaalndha, Pattukkottai, Tamil

Nadu 614601, India

Lat 10.438938°

Long 79.300252°

Third Year EEE students had attended seminar about **"Importance Of CAED"** By **Mr.V.Raaju, Center Head, CADD Center Training Service Pvt Ltd, Pattukkottai** On 20.09.2022.



Pattukkottai, Tamil Nadu, India
 53, Nariyam Palayam Rd, Bakiyam Nagar, Pattukkottai,
 Tamil Nadu 614601, India
 Lat 10.437179°
 Long 79.298533°

Third Year EEE students had attended seminar about **"Industrial Automation Business"** by **Mr.J.Gunalan**, Asst.Manager- Project division, Intech Systems Chennai Pvt Ltd, Chennai on 08.11.2022.

EXPERT FDP/STTP/WORKSHOPS

- Mr.D.Vengatasan, Veba Systems, Chennai delivered 2 days guest lecture about **"Nanotechnology & Applications"** from 12-08-2022 to13-08-2022.
- Ms.M. Sharmila Assistant Professor, Periyar Maniammai Institute Of Science & Technology, Thanjavur delivered 2 days guest lecture about **"Team Building"** from 23-09-2022 to 24-09-2022.
- Mr.Vaikundarajan, Human Resource, Linga Instruments Pvt Ltd delivered 2 days guest lecture about **"Industrial Automation Using PLC"** from 18-10-2022 to15-10-2022.

WORKSHOPS/FDPS/CONFERENCES

- Mr.M.Durai and K.Vinnarasi Lecturer/EEE attended 6 days program of **"Soft Skill & Industry Awareness"** organized by SACS MAVMM Engineering College, Madurai 2-9-2022 to7-9-2022..
- Mr.S.Manobalan and Mr.S.Annamalai Lecturer/EEE attended 6 days program of **"Industrial Electronics & VLSI"** organized by Fatima Michael college of Engineering & Technology, Madurai from 21-11-2022 to 26-11-2022.

STUDENT DEVELOPMENT PROGRAMS

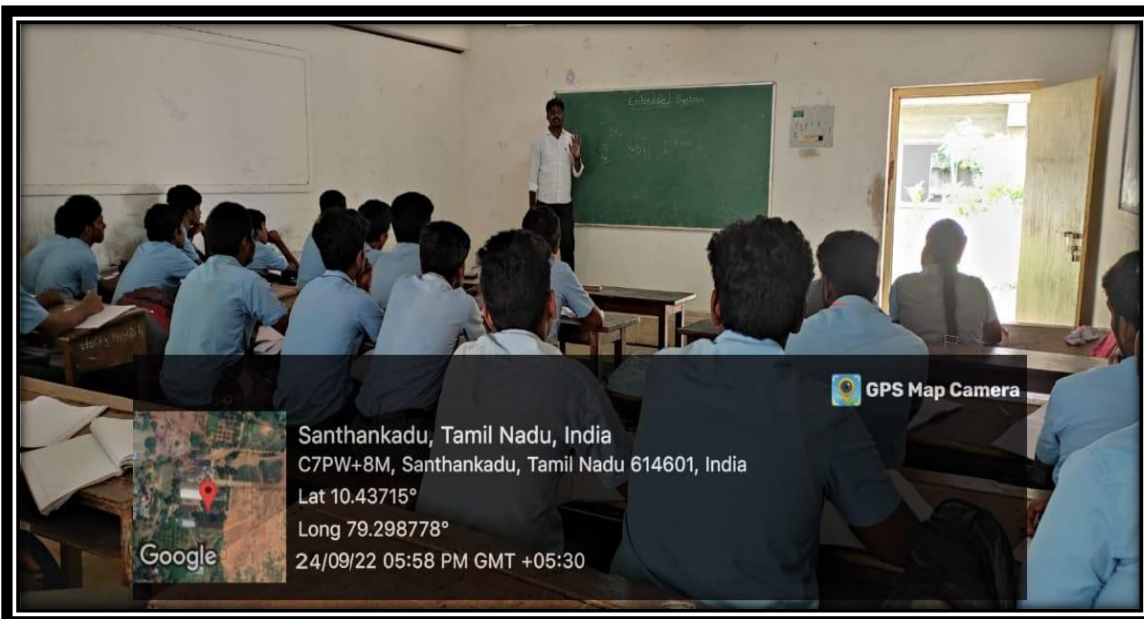
Mr.S.Manobalan,
 Lecturer/EEE and
 M.Kumaresan Ist year
 lecturer delivered lectures
 about **"Communication
 Skills"** 05-09-2022 TO 13-
 09-2022 for first year EEE
 students.



Santhankadu, Tamil Nadu, India
 C7PW+8M, Santhankadu, Tamil Nadu 614601, India
 Lat 10.43715°
 Long 79.298778°
 20/09/22 05:00 PM GMT +05:30

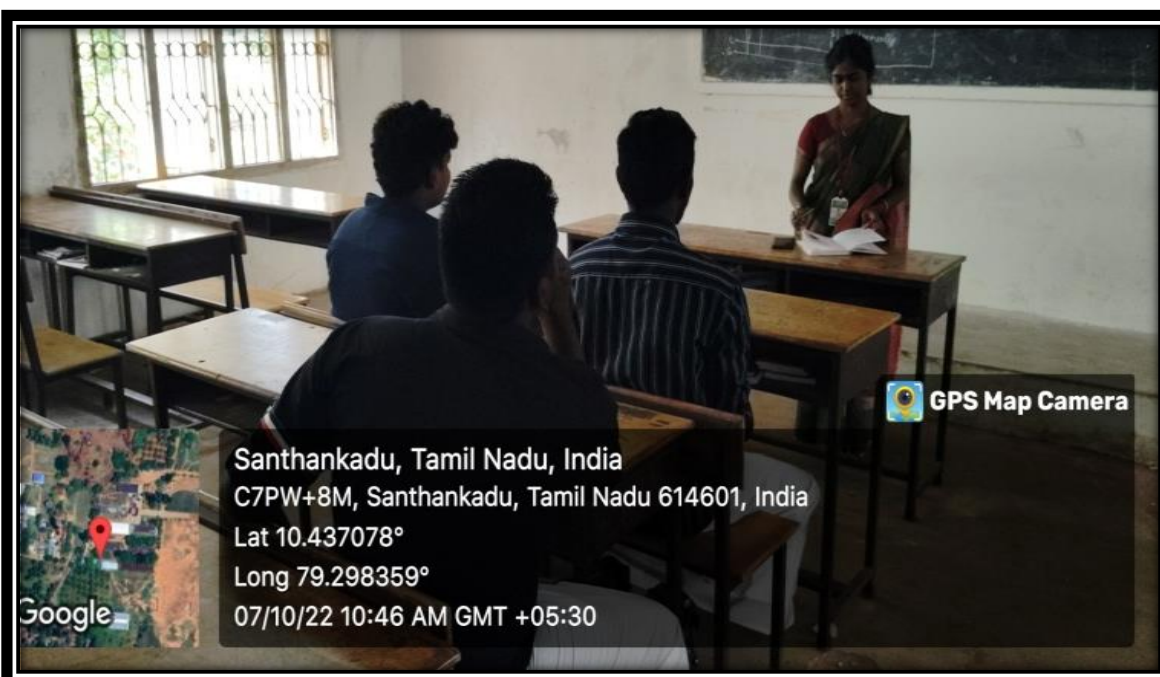


A.Kamala, Gates Solution and T.Bharathakaviyarasi, Lecturer/EEE handled value added course for second year EEE about PCB Board Design And Development from 16.08.2022 to 24.09.2022..



Value added course about "Embedded System And Industrial Applications" for IIIrd year EEE students had been handled by A.Arunkumar, Manager - Training, Gates Solution and K.Vinnarasi, Lecturer/EEE on 16.08.2022 to 24.09.2022 .

PARENTS MEETING



Association of EEE department organized a parents meeting for II and III year students on 07.10.2022.

INDUSTRIAL VISIT



Association of EEE department organized an Industrial Visit for IIIrd and IInd year students at **ELCOT, Madurai** on 23-09-2022.

INTERNSHIP

Association of EEE department organized an internship for IIIrd year EEE students at **Prim Engineering, Coimbatore** and **Armada Industrial Automation, Thanjavur** from 25.12.2022 to 08.01.2023.

STUDENT'S ACHIEVEMENTS



Rohith J, Hariharavel A, Arunprasath P, Aathithyan P, Sudhakaran T and Sanjai A of II year EEE has participated in the Paper Presentation at Sri Ramakrishna Engineering College in Coimbatore from 05.10.2022 to 07.10.2022.



Sudhakaran T of II year EEE undergone training of community volunteers in disaster response at tamilnadu disaster risk reduction agency, government tamilnadu with NDMA, Government of India from January 02nd to 13th, 2023.

BOARD EXAM TOPPERS

SEM	NAME OF THE STUDENT	RANK
V	ELAYARAJA S	I
	SUTHAKAR T	II
	SIVARAMAKRISHNAN J	III
III	PRAVIN T	I
	HARIHARAN V	II
	REVIGADEVI M	III