

PATTUKKOTTAI POLYTECHNIC COLLEGE



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

(An ISO 9001 : 2008 Certified Institution)

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

NEWSLETTER

ACADEMIC YEAR 2022-2023

EVEN 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.SDS.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.

PEOs:

- PEO1:** **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.
- PEO2:** **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.

- PEO3:** **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., HDD/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



P.Nandhakumar, Co-Founder, Titanium Tekzi Business Solution, Salem delivered guest lecture about "advancement in electrical machines" for Second Year on 02.03.2023.



Second Year EEE students had attended seminar about "smart grid" By Mrs.A.Durgadevi, HOD/EEE, ARJ Polytechnic College, Mannargudi on 16-03-2023.

EXPERT FDP/STTP/WORKSHOPS

- On 26-1-2023, Mr.E.Robert Kennedy, Zone Trainer, Zone Secretary JCI India delivered lecture about "Patriotic programme".
- Mr.G.Ramesh, Lecturer/Civil, PPC delivered seminar about Importance of technical education on 3-2-2023.

WORKSHOPS/FDPS/CONFERENCES

- Miss M. Prabha HOD/EEE attended 9 days program of "collaborative research practices in modern era" organized by AMET university, Chennai fom 13-02-2023 to21-02-2022..
- Miss V.Mouriya and Ms.T.Bharathakaviyarasi Lecturer/EEE attended 6 days program of "recnt trends in communication" organized by loyala institute of technology & Scinece, kanyakumari from 06-03-2023 to 11-03-2023.

STUDENT DEVELOPMENT PROGRAMS



S.Manobalan, and S.Annamalai Lecturer/EEE lecturer delivered lectures about "Advancements In Ms-Office" 06-02-2023 TO 17-03-2023 for first year EEE students.

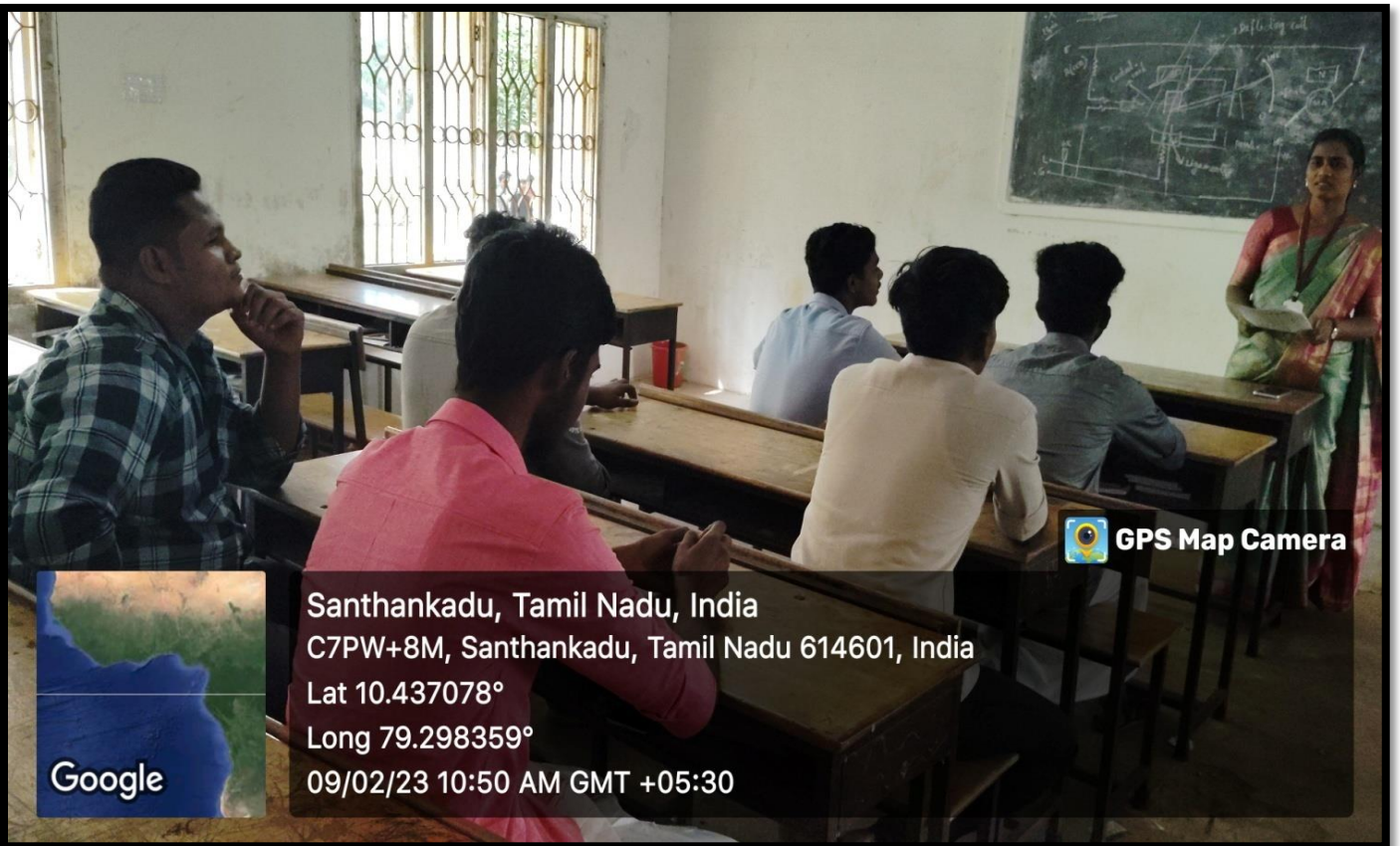


S.Annamalai and V.Mouriya, Lecturer/EEE handled value added course for second year EEE about Fault analysis in electrical appliances from 06-02-2023 to 11-03-2023.



Value added course about "Design and installation of Solar Panel" for IIIrd year EEE students had been handled by S.Manobalan and M.Durai, 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 09.02.2023 and 10.02.2023 respectively.

INDUSTRIAL VISIT



Association of EEE department organized an Industrial Visit for IIIrd and IInd year students at **Wonderla, Cochin** on 05-04-2023.

STUDENT'S ACHIEVEMENTS

Workshops



E.S.Deenadhayalan, Manoj B, Thiruselvan, A Vishwa R and Omeshwaran R J of III year EEE has participated in the training program about "synchronous machine operation in grid with various modes" at "Thermal Training Institute & Research Centre" on 08.02.2023.

Sports



S.Gobalakrishnan of II year EEE participated in Pole Vault at Sudharsan Polytechnic College on 10.03.2023 & 11.03.2023 and won 1st Place.



T.Aravind and S.Gobalakrishnan of II year EEE participated in Football match at Chendhuran Polytechnic College on 14.02.2023 & 15.02.2023 and won 3rd Place.

T.Aravind and S.Gobalakrishnan of II year EEE participated in Handball match at Chendhuran Polytechnic College on 16.02.2023 and won 2nd Place.



T.Aravind, S.Gobalakrishnan of II year and R.Nisanthan of III year EEE participated in Hockey match at Arasu Polytechnic College on 27.01.2023 and won 4th Place.



S.Ragul ,S.Gobalakrishnan of II year and R.Nisanthan of III year EEE participated in Cricket at Mahathamma Polytechnic College from 30.01.2023 to 01.02.2023 and won 2nd Place .

Annual sports day 2022-23 celebrated on 24th August-2022



BOARD EXAM TOPPERS

SEM	NAME OF THE STUDENT	RANK
VI	AADHITHYAN P	I
	PRAVIN T	II
	HARIHARAN V	III
IV	ELAYARAJA S	I
	SUTHAKAR T	II
	MANOJ B	III