

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 **2021-2022**

EVEN SEM

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NEWS LETTER EDITORIAL TEAM

M.PRABHA M.E., HOD/EEE	MANOJ B - II YEAR EEE
B.RAJESHWARI B.E., LECTURER	SOWMIYA B - II YEAR EEE
K.VINNARASI M.E., LECTURER	HARIRAM V - III YEAR EEE

CORRESPONDENT MESSAGE



CORRESPONDENT

MR.SDS.SELVAM B.E., L.L.B.,

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 39 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.

Our institution has a history crowned with glory and achievements. Our institution has taken thrust forward towards collaborative industrial research and consultancy with both Indian foreign organizations. 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



PRINCIPAL (I/C)

MR.P.SRINIVASAN B.E., M.TECH.,

Success is achieved through determined effort. When you are determined to success you will do your best. When others see how hard you are working, they will help you and do whatever they can help to you achieve your goal. When you are determined to succeed you develop and progress, even if the result is not what was expected. I congratulate and wish the team for all very best.

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

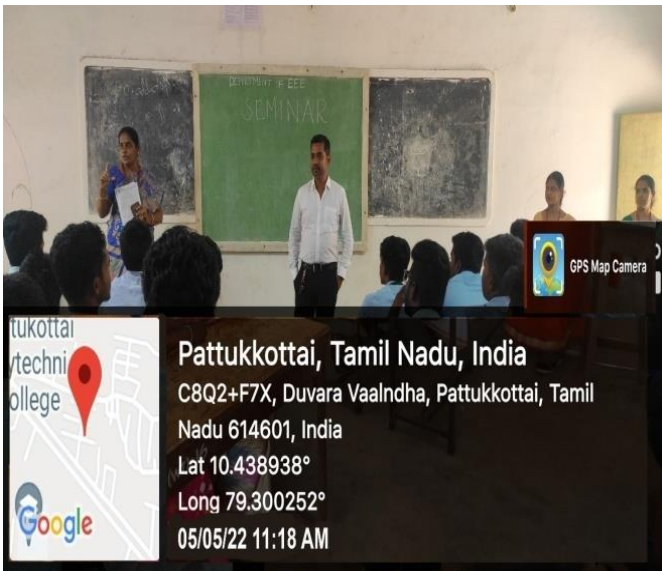
1.	<i>M. PRABHA M.E ., HOD/ EEE</i>
2.	<i>M. DURAI B.E.,</i>
3.	<i>S. MANOBALAN M.E.,</i>
4.	<i>S. ANNAMALAI B.TECH.,</i>
5.	<i>B. RAJESHWARI B.E.,</i>
6.	<i>K. VINNARASI M.E.,</i>

EEE Association-Technovation Activities

Expert Lectures



Mr.S.Subhasankar, HOD/EEE, PRPC, Kumbakonam delivered guest lecture about “**Electric Vehicles Opportunities & Challenges**” on 25th March, 2022.



Mr.D.Vengatesan, Trainee, Veba Systems, Chennai (Alumini student) delivered guest lecture on “**Recent Trends & Issues In Transmission And Distribution**” 05th May, 2022.

Expert FDP/STTP

- Mr.S.Subashankar, HOD, PRPC, Kumbakonam delivered 2 Days Guest Lecture About “**electric hybrid vehicle**” from 24-03-2022 to 25-03-2022.

Workshops/FDPs/Conferences

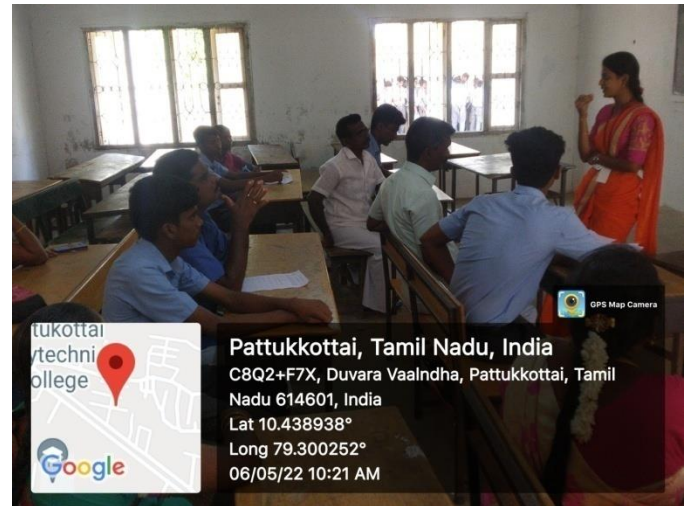
- Miss M.Prabha HOD EEE attended 5 days program of “**Research Opportunities in Electric Vehicle**” organized by Government College of Technology, Coimbatore from 14-03-2022 to 18-03-2022.

Student Development Programs



Mr.M.Durai Lecturer/EEE And S.Annamalai, Lecturer/EEE delivered lectures about “**Advancement In MS Office**” 05.05.2022 TO 07.06.2022 for first year EEE students.

Parents Meeting



Association of EEE department organized a parents meeting for II and III year even semester students on 06.05.2022.

Industrial visit



Association of EEE department organized an Industrial Visit for IIIrd and IInd year students at **Asian Motor Industries, Madurai** on 31.05.2022.

Internship

Association of EEE department organized an internship for IInd year EEE students at **Hitaje India Pumps Division, Coimbatore And Armada Industrial Automation, Thanjavur** from 14.03.2022 to 29.07.2022.



Ms.B.Rajeshwari And Ms.K.Vinnarasi, Lecturer/EEE delivered lectures about **“PC Hardware Assembling & Troubleshoot”** 05.05.2022 TO 07.06.2022 for second year EEE students.



Mr.M.Durai Lecturer/EEE and Miss.Mouriya V, Lecturer/EEE delivered lectures about **“Success Over Stress”** 05.05.2022 TO 07.06.2022 for third year EEE students.

Student's Achievements

Hari Ram V, Hari Sakthi Kumar A, Hariharan S, Hariprasath G, Kavin M And Madhavan J Third year EEE presented the project topic titled “**GSM Technology Based Device Control**” with its prototype on won the best project certification.

Board Exam Toppers

SEMESTER	NAME	RANK
IV	ELAYARAJA S	I
	SUTHAKAR T	II
	SOWMIYA B	III
VI	HARI RAM V	I
	ARIVUMANI A	II
	HARI SAKTHI	III
	KUMAR A	