

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**

ODD SEM

CONTENTS

Correspondent's Message	01
Principal's Message	01
Institution Vision and Mission	02
Department Vision and Mission	02
About Department	02
List of faculties	03
Department Activities	
Experts Lecturer	04
Experts FDP/STTP	04
Workshops / Conferences	04
Student development program	05
Parents Teachers Meeting	05
Industrial Visit	05
Internships	05
Students Activities	
Student achievements	06
Board exam topper list	06

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



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 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. 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.

transmission, motor control, utilizing electricity, and transmitting energy.

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

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 B.E.,</i>

EEE Association- Technovation Activities

Expert Lectures



Mr.AmirthaGanesh, Armada Industrial Automation, Thanjavur delivered guest lecture about “**Embedded Systems and Internet of Things**” on 22.09.2021.



Mrs.S.Sudha, HOD/ECE, St.Joseph College Of Engg & Technology delivered a lecture about “**Advancements In Semiconductor Devices**” on 11th December, 2010.

Expert FDP/STTP

- Mr. Tamilarasan, AP/MECH, MZCET, Pudukkottai delivered 2 days guest lecture about “Electric Vehicles” from 18-08-2021 to 19-08-2021.
- Mr.P.Nandhakumar, Co-Founder, Titanium Tekzi Business Solution, Salem delivered 2 days guest lecture about “**Advanced Presentation Skill**” from 22-09-2021 to 23-09-2021.
- Mr.R.Narasimman, Mass polytechnic college delivered 2 days guest lecture about “**counselling for student development**” from 27-08-2021 to 28-08-2021.
- Dr. K. Arul Mozhi, Director, Vivekananda Institute Of Academy delivered 2 Days Guest Lecture About “**NBA Accrediation**” from 20-12-2021 to 21-12-2021.
- Mr.Dinesh, Assistant Professor, Arifa Institute Of Technology, Thiruthuraipoondi delivered 2 Days Guest Lecture About “**Advanced Leadership Skill**” from 22-02-2022 to 23-02-2022.

Workshops/FDPs/Conferences

- Miss M.Prabha HOD EEE and Mr.M.Durai, lecturer attended 7 days faculty development program about “**Nanotechnology In Healthcare**” organized by PSG College of Technology, Coimbatore from 06-01-2022 to 12-01-2022.
- Miss M.Prabha HOD EEE attended 5 days program of “**NBA Accreditation**” organized by NITTTR, Kolkatta from 14th Feb to 18th Feb, 2022.
- Mr.S.Manobalan, Mrs.K.Vinnarasi and Mr.S.Annamalai Lecturer/EEE attended 6 days program of “**Smart Grid**” organized by Mangayarkarasi College Of Engineering, Madurai from 14.02.22 to 19.02.22.
- Mr.S.Annamalai and Miss.B.Rajeshwari Lecturer/EEE attended 6 days program of “**Integrated Electronic Circuits Using Ni Platform**” organized by Latha Mathavan Engineering College, Madurai from 20.12.21 to 25.12.21.

Student Development Programs



Ms.K.Vinnarasi And Ms.B.Rajeshwari Lecturer/EEE delivered lectures about “**Communication Skills**” 01.09.2021 to 11.10.2021 for first year EEE students.



Mr.S.Manobalan And S.Annamalai, Lecturer/EEE delivered lectures about “**Fault Analysis In Electrical Appliances**” 01.07.2021 to 09.08.2021 for second year EEE students.



M.Durai Lecturer / EEE And M.Prabha, HOD /EEE delivered lectures about “**Design And Installation Of Solar Panel**” 01.07.2021 to 09.08.2021 for third year EEE students.

Parents Meeting



Association of EEE department organized a parents meeting for II and III year semester students on 20.09.2021.

Industrial visit



Association of EEE department organized an Industrial Visit for IIIrd and IInd year students at **Ordnance Factory, Trichy** on 16.12.2021.

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.
- Association of EEE department organized an internship for IIIrd year EEE students at **JBM Auto Ltd., Chennai** from 03.11.2021 to 28.11.2021.

Student's Achievements

- Hariram V, Thiruselvan A, Arun Kumar M, Sivaramakrishnan J and Akash M participated in **Inter-institute paper presentation** at Periyar Centenary Polytechnic College on **23-12-2021**.

Board Exam Toppers

SEM	NAME	RANK
III	SUTHAKAR T	I
	SIVARAMAKRISHNAN J	II
	THIRUSELVAN A	III
	SOWMIYA B	III
V	HARI SAKTHI KUMAR A	I
	HARI RAM V	II
	SUDHARSAN S	III