

Newsletter committee

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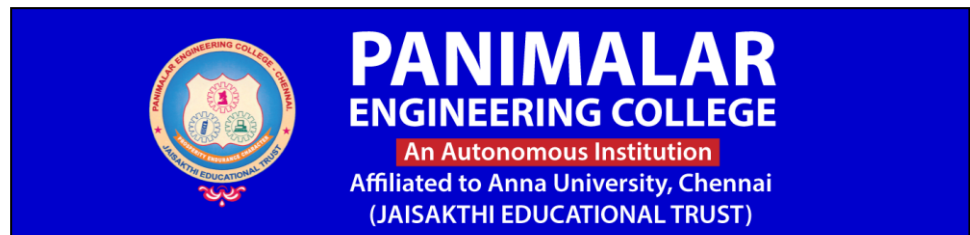
1.V. Vickram, IV Yr
2.Yakma Deflin ,III Yr
3.Santhosh. D, II Yr

Upcoming event:

1. Seminar on GATE Awareness Programme for Higher Studies.
2. Induction Program on An Overview of Building Information Modeling (BIM) in Building Industry.

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



VISION OF THE DEPARTMENT

“To provide excellence in technical education of electrical and electronics engineering and produce globally competent engineers for the revolution of industry.”

MISSION OF THE DEPARTMENT

- To Provide good infrastructure and serene environment to our students and faculty members to meet the requirement of electrical and electronics engineering.
- To prepare the students through contextual technical education for their career enrichment.
- To impart knowledge on core engineering fields through projects, workshops and industry interaction.
- To prepare graduates with ethical, social and environmental awareness to demonstrate professionalism in multidisciplinary environment.

FROM PRINCIPAL's DESK



I am delighted to know that our EEE department newsletter carrying the campus news and the achievements of our staff and students, who earn credits for the institutions, is being released. On this gracious occasion I wish all the best to those who are responsible for bringing out this letter. On reading this text, it would definitely be an inspiration and motivation for the other students and staff to perform better and add on their contributions in the forthcoming issues. Congratulations to all the contributors.

Dr. K. MANI M.E., Ph.D.
Principal, PEC

FROM HOD's DESK



The Department of Electrical and electronics engineering was formed with the primary objective of providing world class education in the field of electrical engineering, while addressing the problems of today and tomorrow. Right from its inception, the department has been offering excellent infrastructural facilities with a variety of computing platforms to aspiring professional students to meet the burgeoning demands of the industry. The strength of the department lies in the highly motivated students who understand the dynamics of the industry and hone their skills accordingly.

Dr. S. SELVI M.E., Ph.D.
Professor and Head

STAFF ACHIEVEMENTS

Dr. MANOJ KUMAR N, received “Reviewer in the IEEE Conference on Computer, Power and Communication Associated with IEEE Madras Section **from B P International in the year 2022.**”

Dr.A.Siva Kumar, Mr.K.P.Dinakaran, Received a grant of Rs 60,000 from Crystal Clear Technology and Innovation, Chennai for their project “Mitigation of supply current harmonics in 3-phase Induction Motor” June 2022.

MoU

- MoU signed with “EPR Labs, Chennai, 13/11/2015 & OPEN ENDED IN NATURE



CONSULTANCY PROJECTS

Dr.D. Silas Stephen, Dr.G. MerlinSuba, received a grant of Rs 95,000 from Gemco Renewable Energy Training Institute, Chennai for their project “Improving the Efficiency of Photovoltaic Panel” June 2022.

DEPARTMENT ACTIVITIES

Department of EEE organized a Workshop on "Electric and Hybrid Vehicles" for IV Year Students on August 2022. The gathering was welcomed by **Dr. S.Selvi, Professor & Head/EEE**. **Dr.S.Prabhakar**, Asso. Prof. / Mech, Wollo University, Ethiopia were the speakers of the event to create awareness about Electric and Hybrid Vehicles among them. During his talk, **Dr.S. Prabhakar** also briefed about the process and given solution for more Electric and Hybrid Vehicles related problems. Around **83 students** attended the Workshop and benefited.



Dr. S.Prabhakar, Asso. Professor, distributing certificates for the students Workshop on "Electric and Hybrid Vehicles" (29/09/2022)



Department of EEE organized a Technical Event on "Paper Presentation" for EEE Students on August 2022. The gathering was welcomed by **Dr. S.Selvi, Professor & Head /EEE**. Students were presented their paper.

Department of EEE organized a Technical Event on "Group Debate" for EEE Students on August 2022. The gathering was welcomed by **Dr. S.Selvi, Professor & Head /EEE**. Students of EEE were participated and benefited.



Mr.M.Raja, Founder, Super Bikes Specialist, conducting Workshop on "Electric and Hybrid Vehicles" for Final Year (29/09/2022)

Department of EEE organized a Workshop on "Electric and Hybrid Vehicles" for IV Year Students on August 2022. The gathering was welcomed by **Dr. S.Selvi, Professor & Head/EEE**. **Mr.M.Raja**, Founder, Super bikes Specialist, were the speakers of the event to create awareness about Electric and Hybrid Vehicles among them. Around **100 students** attended the Workshop and benefited.

IPR

- **Dr.A.Sivakumar published a Patent** "AI & MI Based System for Prediction of Wind Power For Multi-Turbines (202221050126) on 16-09-2022.
- **Dr. Manoj Kumar N published a Patent** "A Smart School Security System That Utilizes GSM and Microcontrollers and Is Powered by The Internet Of Things (Iot) (202221037177) on 15-07-2022.
- **Dr.Hariramakrishnan P published a Patent** "A System for Communication Based On IoT Raspberry Pi & GSM (202231041761) on 05-08-2022,
- **Mr. Karthikeyan published a Patent** "A System and Method Based On Neural Network Model of Energy Demand In Electric Vehicle (202241049865) on 09-09-2022.

PROJECT FUNDING

- Received a grant of Rs 7,500 from the Tamil Nadu State Council for Science and Technology under the Student Project Scheme for the academic year 2022-2023. The project is titled "Generation of Electricity using Flue Gas from Thermal Power Plant" with project code EEE1323.

UNIVERSITY RANK HOLDERS





PANIMALAR ENGINEERING COLLEGE

An Autonomous Institution, Affiliated to Anna University, Chennai
A Christian Minority Institution
(JAISAKTHI EDUCATIONAL TRUST)

Approved by All India Council for Technical Education

Office of the Controller of Examinations

Rank List – April 2022 Examinations

Degree & Register		B.E. Electrical and Electronics Engineering		Total Number of Students Passed		Rank Eligibility : 09	
SL.No.	Register Number	Name of the Candidate	Photo	Cumulative Grade Point Average	Class	Rank	
1	211418105162	UMASHREE S		9.39	First Class with Distinction	1	
2	211418105096	NAVEEN B		9.33	First Class with Distinction	2	
3	211418105065	JYOTHSNAA K P		9.32	First Class with Distinction	3	
4	211418105149	SNEHA N		9.32	First Class with Distinction	4	