GOVERNMENT COLLEGE OF ENGINEERING TIRUNELVELI-7



MACTRICAL & BLACTRONICS

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

NEWS LETTER 2024-25

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Government College of Engineering, Tirunelveli

PLACEMENT TRAINING PROGRAM

A placement training program was conducted on **30.08.2024** (Saturday) for 2nd year students with essential skills for successful job interviews and placements, benefiting approximately 130 students.



The training program included the following sessions:

1. Interview Behaviour:

The initial session was led by Mr. Abiya from St John's college. This session focused on enhancing student's understanding of professional etiquette. Students gained valuable tipson how to present themselves more effectively in interviews.

2. <u>C programming:</u>

The second session was conducted Mr.Manikandan from Rishon communications. It aimed to strengthen student's knowledge of C programming and improve their technical skills. This session prepared students to tackle technical interviews with greater confidence.

3. Speed math:

The third session was managed by Mr. Mithun Jeyaraman from RACE.In this session students learned techniques to solve math problems more quickly. These methods are particularly helpful for placement tests and other competitive exams, improving their problemsolving speed.

4. Skill Integration:

The final session was led by Mr. ManiKannan from RACE. The final session allowed students to practice and use their skills

they had learned. It enabled students

to strengthen their skills and gain more confidence.



Program Outcomes:

- The placement training program received positive feedback from students.
- The sessions were relevant and effective in preparing students for placements.
- Students improved their interview behavior, programming knowledge and speed in solving math problems.
- This comprehensive training is expected to significantly improve student's chances of securing placements in reputable companies.

DRUG AWARENESS PROGRAM AND COMPETETION

The Society of Electrical and Electronics Engineers (SEEE) conducted the Drug Free TN: A Better Tomorrow program for second, third, and final-year students **on September 9, 2024**, at the Department of Electrical and Electronics Engineering. This event marked the beginning of a new era of creativity and hard work. The program featured various competitions, including: -Drawing Competition - Conquer and Debate -Memes Creation - Poetry Slam - Drama Showdown Additionally, a Drama Showdown was planned and conducted on September 10, 2024, as part of the Inauguration Day celebrations.

Conquer and debate-Dr.M.Balasubramanian, memes creation-Dr.G.Balasubramanian, drawing competition-Dr.s.Ida Evangeline, poetry slam- Dr.PaThangaraj.

The Drawing Competition was held in the DC Lab, where students showed enthusiastic participation. The event saw a high level of engagement, with many students showcasing their artistic talents.

Drawing Competition The Poetry Slam Competition, held in the AC Lab, was met with fervent enthusiasm from students, who passionately expressed themselves through their spoken word performances. The event was marked by a high level of engagement, as many students showcased their creative talents and captivated the audience with their poetic skills.

Poetry Slam The "Drug Free TN: A Better Tomorrow" program featured a Memes Creation

contest, where students demonstrated their ingenuity and wit by crafting humorous memes, all submitted effortlessly through google sheet.



Memes Creation: The Conquer and Debate competition was held in the EEE Seminar Hall, where students engaged in intense and thoughtprovoking discussions, showcasing their argumentation skills and intellectual powess.



Conquer and Debate: The Drama Showdown was a spectacular event held on September 10, 2024, as a highlight of the Inauguration Day celebrations. This captivating performance showcased the talented students' acting skills, creative expression, and emotional depth, leaving a lasting impression on the audience. The event was a fitting culmination of the Inauguration Day festivities, providing an unforgettable experience for all who attended.

The 'Drug Free TN: A Better Tomorrow' program came to a close on September 9, 2024, with a resounding success. The two-day event saw enthusiastic participation from students in various competitions, showcasing their creativity, talent, and commitment to a better future. With memories to cherish and lessons to carry forward, the program concluded on a high note, inspiring students to strive for excellence and create a positive impact in their communities.

INAUGURATION OF SEEE ASSOCIATION

Date: 10.09.2024

Venue: Government College of Engineering, Tirunelveli

The inauguration of the SEEE (Society of Electrical and Electronics Engineering) Association was held on 10th September 2024 at the Government College of Engineering, Tirunelveli. The event witnessed the gracious presence of the Principal, all faculty members, and students from the 2nd, 3rd, and 4th years of the Electrical and Electronics Engineering department.



The program commenced with a formal welcome address, followed by the official inauguration of the SEEE Association. The Principal delivered an inspiring speech highlighting the importance of such associations in enhancing students' academic and professional growth.



As part of the event, prizes were distributed to the winners of the Drug Awareness Program, which was previously conducted by the EEE department to raise awareness about the harmful effects of drug use.

To further strengthen this initiative, a pledge was taken by all attendees to spread awareness and promote a drug-free environment within the campus.

Adding a warm and welcoming gesture, the senior students presented welcome cards to the 2nd-year students, greeting them and making them feel a part of the department.

The event concluded on a positive note, with appreciation to all who contributed to the successful organization of the event.



PLACEMENT TRAINING

On September 28, 2024, a placement training program was conducted for the second-year Electrical and Electronics Engineering students in their third semester.



The morning session featured Ms. Lakshmi, a 2021 alumna, and her colleague as resource persons. Ms. Lakshmi led engaging sessions on quick mathematics and aptitude skills, which are essential for placement tests. Students appreciated the interactive format, which enhanced their problem-solving abilities. The program was well-received and effectively prepared students for their upcoming placements.

The second session of the placement training program for second-year Electrical and Electronics Engineering students in their third semester was led by Dr.professor from the National Engineering College, as the resource person. Dr. Venkatasamy focused on analog

electronics practices relevant for GATE preparation and placements. His session provided students with essential knowledge and practical skills for excelling in competitive exaand job interviews. Participants found the session highly informative and beneficial for their academic and professional growth.



TECH EXPO

The Tech Expo was a platform for **198 EEE students** to present **48 innovative projects**, coordinated by **Prof. Suganthi on 12.10.2024**. The event highlighted creativity and problemsolving abilities and practical applications of engineering concepts, with students receiving strong support from faculty members. A visit by the principal **Dr. P Latha** further motivated participants ,creating a lively and inspiring atmosphere.





Exceptional projects were recognized and rewarded, with a **1st prize of ₹750 and a 2nd prize of ₹500**. The expo proved to be a valuable learning experience, encouraging students to develop practical skills and pursue innovative deas for future projects.It emphasized the importance of blending theoretical knowledge with hands-on experience, paving the way for future advancements in engineering.

SYMPOSIUM



VoltraX 2024 was a vibrant and multifaceted national-level technical symposium held at Government College of Engineering, Tirunelveli. The event aimed to foster innovation and technical excellence among participants, featuring both technical and non-technical events that engaged students in healthy competition and knowledge sharing.

Events Overview

Technical Events:

• **Paper Presentation** – Participants presented innovative papers on various topics in Electrical, Electronics, and Allied Engineering domains. Ideas ranged from renewable energy solutions and automation technologies to AI integration in power systems. The event encouraged research aptitude and public speaking skills.

• **Circuit Debugging** – This event challenged students to identify and fix faults in given electronic circuits within a time limit. It tested their analytical thinking, theoretical knowledge, and practical experience with components and circuit behavior. • ElectroQuest – A multi-round technical quiz covering subjects like electrical machines, power electronics, control systems, and microprocessors. Teams competed under pressure, with each round increasing in difficulty and requiring both speed and accuracy.

• Xenotricia – This memory and logic-based technical event included puzzles and quick challenges that tested basic engineering principles. It offered a fun and engaging way to reinforce core academic concepts.

Non-Technical Events:



• **Pandora Pulse** – A surprise challenge-based game where participants faced unpredictable tasks from a 'mystery box'. Activities varied from logical games to fun physical tasks, promoting adaptability and creative thinking.

• **Tik Tik Tik** – A thrilling time-bound event with three rounds of entertaining games that tested coordination, reflexes, and presence of mind. It was a crowd-favorite for its humor and energy.

• **Burst Blitz** – This was a precision-based balloon shooting competition using darts. Participants had to hit targets with increasing difficulty, focusing on control and hand-eye coordination.

• **Snap Savvy** – A creativity-driven event where participants interpreted random images or clues, testing both observational skills and lateral thinking. Each round encouraged thinking outside the box.

• **Short Film** – Budding filmmakers submitted original short films on themes like social issues, student life, and innovation. Films were judged on content, cinematography, editing, and emotional impact.

• Meme Creation – A light-hearted event where participants created relatable and humorous memes based on engineering college life and trending topics. It was appreciated for its wit and relatability.

• **Photography** – Participants submitted original photographs captured on or around campus. Entries were judged on composition, creativity, and storytelling ability through imagery.

VoltraX 2024 witnessed wide participation from engineering students across Tamil Nadu. The well-organized events fostered teamwork, creativity, and technical excellence. Each event was thoughtfully designed to challenge and engage students, offering a platform to apply their academic knowledge in practical scenarios. The dedication of the organizing committee, faculty, and volunteers contributed to the smooth execution and vibrant atmosphere of the symposium. It served as a memorable experience, celebrating the spirit of innovation, collaboration, and learning.



FUJI LAB INAUGURATION

The grand inauguration of the "Fuji Lab" took place on **20th December 2024** at the Government College of Engineering, Tirunelveli. This memorable event was meticulously organised under the leadership of Principal Dr. P. Latha and Dr. M. Gnanasundari, whose efforts were instrumental in making the event a grand success. The Department of Electrical and Electronics Engineering (EEE) coordinated the inauguration as part of a CSR initiative sponsored by Fuji Electric, a global leader in energy and automation technologies. The event was attended by the Principal, faculty members, and students of the EEE department, marking a significant enhancement in the institution's practical learning infrastructure.

Fuji Electric, known for its innovation in energy technology, contributed automation products worth ₹6,22,275 to the newly established lab. This generous contribution is aimed at strengthening the hands-on learning experience for students and promoting skill development in areas such as industrial automation and energy-efficient technologies.



The Fuji Lab is equipped with state-of-the-art products from Fuji Electric, including: **Gas Analyzers** – Designed for industries that demand reliable and precise gas composition monitoring for process and environmental applications.

Pressure Transmitters – Offering compact and lightweight designs with high reliability, ideally suited for industrial instrumentation. **Flowmeters** – High-accuracy devices to ensure efficient and precise measurement of flow in various systems.

Stack Gas Analyzers – Useful for measuring emissions and ensuring regulatory compliance. AC Drives – Energy-efficient and highperformance drives that provide enhanced control over motor speed, widely used in Industrial applications.



The lab's focus is to bridge the gap between theoretical learning and industrial application. With the addition of these advanced instruments, students will gain real-time exposure to automation, instrumentation, and control systems widely used in the power and manufacturing sectors The establishment of Fuji Lab reflects the growing collaboration between academia and and industry and sets a benchmark for other engineering colleges to follow. It also supports the institution's vision of developing industry-ready engineers with strong technical skills practical and knowledge.



YOGA FOR YOUTH EMPOWERMENT

Date	15 th March
Time	9:10 AM to 1:10 AM
Title	Yoga for Youth
	Empowerment
Venue	Government College
	of Engineering,
	Tirunelveli
Beneficiaries	2nd-year EEE
	students



Organizing Team:

Coordinator	Dr. M. Balasubramanian,
	AP/EEE
Co-	Dr. G. Balasubramanian,
coordinator	ASP (CAS)/EEE
Expert	SKY Professors,
Trainers	Palaymkottai Jawahar Nagar,
	MVKM Arakattalai

The "Yoga for Youth Empowerment" session was conducted on 15th March from 9:10 AM to 1:10 PM at Government College of Engineering, Tirunelveli. The session was led by expert trainers from SKY Professors, Palaymkottai Jawahar Nagar, MVKM Arakattalai. The trainers introduced students to various yoga techniques, including breathing exercises, meditation, and basic asanas aimed at enhancing mental focus and physical well-being. Students actively participated in the guided session, experiencing the benefits of yoga firsthand. The event concluded successfully, leaving students with valuable knowledge on incorporating yoga into their daily lives for holistic development



GUEST LECTURE

A guest lecture titled **"Engineering Success Pathways, Opportunities, and the Mindset for Career Achievement"** was conducted on **2nd April 2025 from 9:30 a.m. to 12:30 p.m.** at the Department of Electrical and Electronics Engineering, Government College of Engineering, Tirunelveli. The event was **organized by the Department of Electrical and Electronics**

Engineering, GCE Tirunelveli - 7 and was coordinated by Dr. J. Suganthi, Professor (CAS)/EEE, and Dr. G. Balasubramanian, Assistant Professor (CAS)/EEE. The resource person for the session was Dr. M. Marsaline Beno, Professor and Dean of Research, Department of EEE, St. Xavier's Catholic College of Engineering, Kanyakumari. He is also a distinguished alumnus of Government College Engineering, Tirunelveli. The audience of comprised final-year B.E. EEE students and final-year M.E. – Power Electronics and Drives students. The image in the document clearly depicts the seminar's title, date, venue, resource person, department, and list of coordinators, making it a compact visual summary of the event.



Key highlights of the lecture:

- Dr. Marsaline Beno elaborated on the significance of professional societies in building strong career networks and staying updated in the field of Electrical and Electronics Engineering.
- He gave an in-depth overview of job opportunities in PSUs, the automotive sector, and core IT industries, highlighting the evolving skill demands.
- The importance of pursuing higher studies such as M.E., M.Tech., M.S., MBA, and Ph.D.

was emphasized for those interested in research or academic careers.

- He introduced the Success Triangle framework, focusing on the intersection of skills, goals, and experience as a foundation for career planning.
- Unique and innovative concepts like GIFT, ABC, FIT, and Komodo were discussed as analytical tools to enhance career decisionmaking.
- The session included an interactive discussion where students asked questions about government job preparation, choosing the right postgraduate course, and overcoming real-world challenges.



Impact and Outcomes:

The seminar had a lasting impact by enhancing students' awareness of the career paths available within and beyond their core field. Dr. Beno's articulate and insightful presentation helped students gain clarity on their goals, while the practical advice and strategic tools empowered them to plan their careers confidently. The session inspired a mindset of continuous learning, professionalism, and social responsibility. Students left with renewed motivation to align their personal ambitions with the dynamic demands of the industry, ready to step into the future with purpose and vision.

INDUSTRIAL VISITS

INDUSTRIAL VISIT TO POWER TRANSFORMER MANUFACTURING PLANT IN THIRUVANIYOOR



On 3rd October 2025, the third-year students of the Electrical and Electronics Engineering department from Government College of Engineering, Tirunelveli, undertook an industrial visit to the Power Transformer Manufacturing Plant located in Thiruvaniyoor, Kerala. The visit was organized as a part of the academic curriculum to provide students with practical exposure to real-world industrial practices in the field of electrical engineering. The plant at Thiruvaniyoor is known for manufacturing highquality power transformers used in substations and transmission networks across the country. The visit began with a brief introduction about the industry, followed by a guided tour through various sections of the plant. Students were able to observe the transformer manufacturing process in detail.



Special focus was given to the quality testing procedures that each transformer undergoes before dispatch. Tests such as insulation resistance measurement, turns ratio testing, and no-load/load loss measurement were demonstrated and explained. Engineers and technicians working at the plant interacted with the students and provided technical explanations about each stage of the process. They also shared insights on modern trends in transformer technology and how automation and safety practices are being implemented to improve reliability and efficiency. The visit provided the students with a valuable opportunity to connect their classroom learning with actual industrial operations, enhancing their understanding of core concepts in power systems and transformer design.

Overall, the industrial visit was highly informative and beneficial. It gave the students a broader perspective of the transformer manufacturing industry and deepened their appreciation for the precision and technical expertise required in the field. The experience not only strengthened their academic.



INDUSTRIAL VISIT TO SESHASAYEE PAPER AND BOARDS LIMITED-TIRUNELVELI

Government college of Engineering-Department of Electrical and Electronics Engineering had organized an industrial visit on 8th march, 2025 to Seshasayee Paper and Boards Limited-Tirunelveli for the students. The visit was permitted by principal Dr.P.Latha mam and coordinated by three faculty members—Dr. M.Balasubramanian,Mrs.K.Thangaranjitham, and Mr. M. B Gnaniyar. Totally 64 students along with 3 coordinaters faculty were in the journey.



About the company:

Seshasayee Paper and Boards Limited (SPB), the flagship company of the SPB-ESVIN Group, operates an integrated pulp, paper, and paperboard mill at Pallipalayam, Erode, and a paper mill in Tirunelveli, Tamil Nadu. Incorporated in June 1960, SPB was initially promoted in association with Parsons and Whittemore, USA, which withdrew in 1969 after fulfilling performance obligations. The company is currently led by Sri N. Gopalaratnam. In 2023, SPB successfully bid for the assets of Servalakshmi Paper Limited and is awaiting the completion of liquidation formalities to begin refurbishment, aiming to start production within 12 months with a capacity of 75,000 TPA of fine papers. Additionally, under its Mill Development Plan – IV (MDP-IV) for the Erode unit, SPB has applied for environmental clearance to expand paper production from 1,65,000 to 2,31,000 TPA and pulp production from 1,80,000 to 2,52,000 TPA. The first phase focuses on increasing pulping capacity to reduce reliance on imported pulp, with project completion expected 30 months after environmental approvals

Group observations by students:

- Observed pulping, refining, drying, and finishing stages in paper manufacturing.
- Learned about cogeneration techniques and water recycling for energy efficiency.
- Saw safety measures, fire control systems, and protective gear for workers. Connected power systems, automation, and energy management to academic concepts.
- Noted the role of PLC and SCADA automation in process monitoring and control and Noted the usage of Direct-On-Line (DOL) starters for controlling small and medium-sized motors.
- Education and specializing our technical skills.

INDUSTRIAL VISIT TO KUDANKULAM NUCLEAR POWER PLANT-TIRUNELVELI

An industrial visit was organized by the Department of Electrical and Electronics Engineering, Government College of Engineering, Tirunelveli, for the third-year students on 16th April 2025. The visit was to Kudankulam Nuclear Power Plant, located in Kudankulam, Tirunelveli district, Tamil Nadu. The purpose of this visit was to provide students with exposure to real-time industrial processes and to give them practical insights into the operation of a nuclear power plant.



Kudankulam Nuclear Power Plant (KKNPP) is the largest nuclear power station in India, operated by the Nuclear Power Corporation of India Limited (NPCIL). Developed with Russian collaboration, the plant uses VVER-1000 type reactors and currently has two operational units, each with a capacity of 1000 MW. The plant is known for its advanced safety systems, environmental protection measures, and adherence to international nuclear standards. It plays a significant role in meeting the electricity demands of Tamil Nadu and neighboring states. During the visit, students were introduced to the fundamental principles of nuclear power generation. They learned about the structure and functioning of nuclear reactors, the role of control rods, and the importance of coolant systems. The engineers and technical experts at the site explained the plant's safety mechanisms and demonstrated how the control room monitors reactor parameters in real time. The students also gained insights into the instrumentation and automation technologies used for efficient and safe plant operations.

The visit was both educational and inspiring, offering students a rare opportunity to observe the complexities of nuclear power generation up close. It enriched their understanding of power systems and gave them a deeper appreciation of the technologies involved in harnessing nuclear energy. The department expresses sincere thanks to Dr. A. Thangaraj, who coordinated the visit, and to the accompanying staff members Dr. A. Thangaraj and Prof. S. Sangeetha for guiding and supporting the students throughout the program.

This visit has significantly contributed to the academic and professional growth of the students, bridging the gap between theoretical learning and industrial practice.

WORKSHOP ON CALIBRATION OF PRESSURE AND TEMPERATURE MEASURING EQUIPMENT

The one day workshop on calibration of pressure and temperature measuring equipment was successfully conducted on 13-02-2025 in computer lab/EEE Dept under the coordination of Dr. P. Subha Karuvelam. The workshop focused on temperature calibration using sensors, RTDs, transducers, and temperature controllers, covering a range of 50 to 660°C with an accuracy of ±0.02°C. It also included pressure calibration using portable pressure calibrators (vacuum to 300 PSI, 0.025% accuracy), pneumatic test pumps (-12.7 to 600 PSI), and hydraulic pressure comparators (0 to 10,000 PSI). The event took place from 9.00 AM to 4.30 PM with a participation fee of Rs. 100, and certificates were provided to all participants. A total of 23 industrial professionals actively participated in the program, contributing valuable insights and engaging in hands-on activities.

The participants appreciated the organization of the workshop and expressed positive feedback about the sessions. The event served as an excellent platform for knowledge sharing and professional development.



PLACEMENT DETAILS

PLACEMENT SUMMARY:

A total of 19 students were placed in various companies with salary packages ranging from 2.5 LPA to 6 LPA.

S.No	Name	Company Name	Salary Package
1	Abiksha J	L&T	6 LPA
2	Aishwarya P	Voltas	5 LPA
3	Arthi G	Avalon Technology	2.5 LPA
4	Arun Ganeshan V	Delphi TVS	4 LPA
5	Gayathiri K	Voltas	5 LPA
6	Gayathri KR	Bosch	4.5 LPA
7	Hameedha Thaslima S	Renault Nissan	3.9 LPA
8	Keerthana S	Delphi TVS	4LPA
9	Litta Janet S	L&T	6 LPA
10	Sathrapathi Siva Maruthu B	L&T	6 LPA
11	Shankarammal Sabitha K	Voltas	5 LPA

12	Sherlin Mahiba P	Renault Nissan	3.9 LPA
13	Vignesh M	Voltas	5 LPA
14	Aravind A	Pothigai Power	3.7 LPA
15	Siva Subramanian T	Avalon Technology	2.5 LPA
16	Ram Prasanth S	TVM Signalling	2.7 LPA
17	Suriya Prakash R	Avalon Technology	2.5 LPA
18	Mohammed Almubin I	Etricals Engineering	3 LPA
19	Muthuram N	Avalon Technology	2.5 LPA





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HIGHLIGHTS:

- Top Recruiter by Package: L&T – 6 LPA (3 students)

- Most Selections by a Company: Avalon Technology – 4 students

- Diverse Opportunities: Students placed in sectors including core engineering, automotive, signaling & power electronics.

- Consistent High Packages: Voltas and L&T both offered competitive packages of 5–6 LPA.

FACULTY TRAINING PROGRAM-2024

	CAY (2024 - 2025)					
S. No	Name of the faculty	Designation	Name of the training	Mode of Training	From	То
1	Dr. J. SUGANTHI	Professor (CAS)	Hands-On workshop on "Embedded System and lot"	Offline	22.01.2024	23.01.2024
			FDP on "Nuances in Research Writing"	Offline	24.06.2024	26.06.2024

			One Day Hands on Training on Calibration of Temperature & Pressure Measuring Instruments	Offline	12.07.2024	-
			ICT Academy Sponsored FDP on UiPath Robotics Process Automation	Offline	16.12.2024	20.12.2024
			One Day Workshop on AICTE 360 Degree Feedback	Offline	22.01.2025	-
			FDP on "Nuances in Research Writing"	Offline	24.06.2024	26.06.2024
2	Dr. P. SUBHAKARUVELAM	Professor (CAS)	One Day Hands on Training on Calibration of Temperature & Pressure Measuring Instruments	Offline	12.07.2024	-
			Three Days FDP in Nuances in Research Writing	Offline	24.06.2024	26.06.2024
3	Dr M GNANA SUNDABI	Professor (CAS)	Capacity building program- innovation mentor	Offline	29.07.2024	02.08.2024
			One Day Hands on Training on Calibration of Temperature & Pressure Measuring Instruments	Offline	12.07.2024	-
4	Dr. P. SELVAM	Associate Professor	Naan Mudhalvan Faculty Development Programme - " Artificial Intelligence and	Offline	01.02.2024	03.02.2024

			machine learning Fundamentals"			
			FDP - Renewable Energy and Electric Vehicles Technology for Sustainable Future	Offline	16.12.2024	21.12.2024
5	Dr. A. THANGARAJ	Assistant Professor	NPTEL - AICTE FDP on DC Microgrid and Control Systems	Online	July'24	Sept'24
			Eight Weeks NPTEL - AICTE FDP on Advances in UHV Transmission and Distributionn	Online	July'24	Sept'24
			FDP - Renewable Energy and Electric Vehicles Technology for Sustainable Future	Offline	16.12.2024	21.12.2024
6	Dr.G.BALASUBRAMANIAN	Associate Professor(CAS)	One Day Hands on Training on Calibration of Temperature & Pressure Measuring Instruments	Offline	12.07.2024	-
			Three Days FDP in Nuances in Research Writing	Offline	24.06.2024	26.06.2024
7	Dr.B.PARAMASIVAM	Associate Professor(CAS)	One Day Hands on Training on Calibration of Temperature & Pressure Measuring Instruments	Offline	12.07.2024	-
			One Day Workshop on	Offline	22.01.2025	-
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			AICTE 360 Degree Feedback			
			Three Days FDP in Nuances in Research Writing	Offline	24.06.2024	26.06.2024
	8 Dr.M.BALSUBRAMANIAN Assistant Professor	FDP - Renewable Energy and Electric Vehicles Technology for Sustainable Future	Offline	16.12.2024	21.12.2024	
		3 Weeks Industrial Training on Artificial Intelligence	Online & Offline	08.08.24	30.08.24	
		NPTEL - AICTE FDP on DC Microgrid and Control Systems	Online	July'24	Sept'24	
8		Assistant Professor	AICTE Recognized NITTTR FDP on "Clean and Green Technologies for Environment Sustainability"	Online	27.05.24	31.05.24
			Eight Weeks NPTEL - AICTE FDP on "Digital Protection of Power System"	Online	January'24	March'24
			Three Days FDP in Nuances in Research Writing	Offline	24.06.2024	26.06.2024
			AICTE Recognized NITTTR FDP on "Smart grid and Renewable Energy Sources"	Online	23.09.24	27.09.24
9	Dr. S. IDA EVANGELINE	Assistant Professor	ATAL sponseres FDP on "Impact of Inverter-Based Resources in Power System"	Offline	03.02.2025	08.02.2025

Three Days FDP in Nuances in Research Writing	Offline	24.06.2024	26.06.2024
One Day Hands on Training on Calibration of Temperature & Pressure Measuring Instruments	Offline	12.07.2024	-
Capacity building program- innovation mentor	Offline	29.07.2024	02.08.2024

GATE 2025 RESULTS

The following is the performance report of the final-year (4th year) students from the Department of Electrical and Electronics Engineering who appeared for the GATE 2025 examination. This report highlights their performance in one of the most competitive postgraduate entrance examinations in the country.

A total of 11 students participated in the exam. Suriya Prakash R emerged as the top score with 16.67 marks.Several students performed in the 13-14 mark range. Notably, Subasree M appeared for two papers - Instrumentation Engineering (IN) and Electrical Engineering (EE) - scoring 14.33 and 6.67 respectively. Similarly, Arun Ganeshan V scored 16 marks, which is among the top performances.

NAME	REG NO	SCORE
Hari Hara Eswar G	950821105017	14.67
Muthuram. N	950821105705	13
Harikrushnakumar R	950821105702	11
Sherlin Mahiba P	950821105004	13.33
Arun Ganeshan V	950821105043	16

Subasree M	950821105026	14.33
Litta Janet S	950821105020	14
Aravind A	950821105123	4.33
Abinesh. G	950821105019	-
Suriya Prakash R	950821105709	16.67

The GATE 2025 results show a promising trend among the EEE students, with several candidates scoring above 13. The dual-paper attempts by students like Subasree M and strong performances by students like Suriya Prakash R and Arun Ganeshan V reflect the department's growing commitment to excellence. These results can inspire and guide upcoming batches to aim higher in future GATE examinations

FACULTY PUBLICATIONS

S,NO	Number of quality publications in refereed /SCI Journals, citations, Book/Book chapters
1	Kavin, K. S., Subha Karuvelam, P ., Devesh Raj, M., & Sivasubramanian, M. (2024). A Novel KSK Converter with Machine Learning MPPT for PV Applications. <i>Electric</i> <i>Power Components and Systems</i> , 1-19.
2	Umadevi, C., Gnana Sundari, M., & Karuvelam, P. S. (2024). Cascaded Fuzzy Logic Controlled Modular Multilevel Converter for PV Based DSTATCOM Applications. <i>Journal of Electrical Engineering & Technology</i> , <i>19</i> (3), 1551-1563.
3	Fabbina, C., Karuvelam, P. S ., & Vijayalakshmi, S. (2024). Hybrid-optimized PI controller integration for wind energy microgrids with high-speed SRG. <i>Electrical Engineering</i> , 1-20.
4	Selvam, M. P., Palraj, Subha Karuvelam , & Madasamy, G. S. (2024). Adaptive control of a single source reduced switch MLI-based DSTATCOM for wind energy conversion system. <i>Electrical Engineering</i> , 1-22.
5	Kavin, K. S., Karuvelam, P. S., Kumar, N., Kar, S., Rahiman, R. A., & Patwa, S. (2024). Coupled inductor interleaved boost converter with ANN and RNN based MPPT algorithm for PV system. <i>International Journal of Applied Power Engineering (IJAPE)</i> , <i>13</i> (3).
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