



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING NEWSLETTER

VID'YOUTH LIGHTENS THE WORLD...

YEAR 2025-26, VOLUME-8, ISSUE-2



DEPARTMENT VISION



To emerge as a leading center for education in Electrical and Electronics Engineering and to produce entrepreneurs and globally competent engineers with good ethical values.

DEPARTMENT MISSION



M1: Develop as a centre of excellence for Electrical & Electronics Engineering education, with an emphasis on making students more innovative in their approach by providing state-of-the-art infrastructure and effective teaching-learning process.



M2: Contribute to the development of nation by applying their knowledge gained in the thrust areas of power and energy systems. To serve society and country for sustainable development.



M3: To inculcate value based socially and ethically committed professionals who are able to evolve thoughtfully in response to the needs of the industry, society and changing world.

PLACEMENT STATISTICS - AY 2025-26

	TOTAL NO OF STUDENTS:	56
	NO. OF STUDENTS PLACED:	44
	PERCENTAGE OF PLACEMENT:	78.57%



FACULTY PUBLICATION AY 2025-2026 • BOOK CHAPTERS

NAME OF THE AUTHOR(S)
Dr. Rudresha S J,
Dr. R Sekar,
Mr. Kiran kumar G R

BOOK CHAPTER
PUBLICATION
1

TITLE OF THE BOOK CHAPTER
Lightweight Materials
Contribution for the
Development of Battery
Management Systems
in Electric Vehicles

TITLE OF THE BOOK
Lightweight Materials
for Electric Vehicles

PUBLISHER
CRC Press
Taylor and Francis Group

YEAR
February, 2026

STUDENT ACHIEVEMENTS 2026 - NPTEL CERTIFICATIONS



NAME	USN	SEMESTER	EVENT / CERTIFICATION COURSE / TRAINING PARTICIPATED	PARTICIPATION / POSITION	
Nikil Gowda JR	4PM24EE023	4	NPTEL - Microprocessor and Microcontrollers	CLEARED	
Shashikanth Babasaheb Gaganamale	4PM24EE033	4	NPTEL - Microprocessor and Microcontrollers	CLEARED	
Pavankumar R	4PM23EE034	4	NPTEL - Design of Power Electronics Converters	CLEARED	

CONGRATULATIONS TO THE NPTEL ACHIEVERS!



RESEARCH PUBLICATION SUMMARY | ACADEMIC YEAR 2025-2026



AT A GLANCE: BY THE NUMBERS

Publication Type	Count
Conference Papers	5
Journal Papers Published	15
Total Publications	20



PERSEVERANCE • EXCELLENCE • SERVICE

PROJECT EXHIBITION



The Department of Electrical and Electronics Engineering organized a Project Exhibition for 3rd-semester students on 1st Jan 2026, offering a platform to showcase innovative engineering prototypes. Evaluated by expert faculty from the ECE Department based on design, innovation, and implementation, students received valuable feedback to refine their technical skills. The event successfully fostered experiential learning, interdisciplinary collaboration, and practical problem-solving for real-world challenges.

IGNITING AMBITION: SEMESTER ORIENTATION



Ahead of the commencement of the even semester, Principal Dr. Swamy D. R. addressed the faculty of the EEE Department on 7th Jan 2026. His address emphasized academic discipline, goal-oriented learning, active participation in technical events, and preparing for upcoming industry requirements.

SPORTS



The Department of EEE proudly congratulates 3rd-semester student Mr. Likith Shreevastav S on representing VTU in the All India Inter-University Ball Badminton Championship 2025–26 held at Bharathidasan University, Tiruchirappalli (14th – 17th Jan 2026). Prior to the national event, he successfully attended the VTU Coaching Camp at Rajeev Institute of Technology, Hassan. The department commends his outstanding athletic dedication and wishes him continued success in future sporting endeavors.

LIC TEAM VISIT



The Department of EEE hosted the VTU Local Inquiry Committee (LIC) team on 9th Mar 2026 for the annual affiliation and academic assessment. The visiting committee evaluated department infrastructure, laboratory facilities, faculty credentials, and academic records, appreciating the department's standards and growth initiatives.

Unleash the Power Within

DAB MEETING



The Department Advisory Board (DAB) meeting was successfully conducted by the department on 13th January 2026, with active participation from key stakeholders, industry experts, alumni, and executives representing diverse professional fields. The meeting provided a platform for valuable discussions, feedback, and recommendations aimed at enhancing academic quality, industry alignment, curriculum development, and overall departmental growth.

**Innovate, Collaborate, Elevate:
Shaping Tomorrow Together**

EXPERT CONNECT



The Department of EEE, in association with the Institution's Innovation Council (IIC), organized National Energy Conservation Day on 23rd Feb 2026 at the EEE Seminar Hall. Keynote speaker Mr. Vidyadhar Salimath (Ex General Manager, ONGC, Mumbai & Head, Engineering Department, Shivamogga Airport) shared practical energy-saving strategies and stressed the critical role of engineers in resource management. The session successfully educated students on efficient power utilization, sustainable practices, and building a greener future.



The Department of EEE, in association with the Institution's Innovation Council (IIC), organized a workshop on "Design Thinking, Critical Thinking & Innovation Design" on 16th Feb 2026 at the EEE Seminar Hall. Led by resource person Prof. Revanasiddeshwara Hanji (Professor, Sahyadri Commerce & Management College, Shivamogga), the session aimed to cultivate creative problem-solving skills and an innovation-driven mindset aligned with NEP-2020 guidelines. The event successfully provided students and faculty with practical tools to translate inventive ideas into impactful engineering solutions.

Shaping successful students
through academics and campus
engagement

BLOOD DONATION CAMP

Every Drop Counts, Every Donor a Hero.



As part of its commitment to community service, students from the Department participated in the Blood Donation Camp held on 26 February 2026. The initiative encouraged voluntary blood donation and raised awareness about its life-saving impact, fostering a sense of compassion and civic responsibility among students.

ALUMNI INTERACTION



An Alumni Interaction Session was organized on 7 March 2026 for the third-semester students. Mr. Md. Ryan Shariff, a distinguished alumnus from the 2025 passed-out batch, shared valuable insights on the latest Artificial Intelligence (AI) tools and SAP technologies. The session provided students with practical knowledge of emerging technologies and career opportunities, inspiring them to stay updated with industry trends.

Bridging Generations, Inspiring Futures.

INVITED TALK



The Department of EEE hosted a technical talk on "Power Transformer Applications in Today's Electrical Infrastructure" on 14th Mar 2026. Guest speaker Er. Shripad Ganapati Hegde (Executive Engineer, KPTCL) shared key industry insights on transformer design, preventive maintenance, and modern grid challenges. Coordinated by Dr. Rudresh S. J. and Mr. Kiran Kumar G. R. under the leadership of HoD Dr. Amit Kumar K., the session highlighted career pathways and the evolving role of electrical engineers in building sustainable power systems.

PARENT INTERACTION



The Department of EEE conducted a Parents-Teachers Meeting (PTM) for 2nd semester students on 25th Apr 2026. The interaction provided a collaborative platform to discuss academic performance, attendance status, and overall student development between parents and faculty.

BEYOND BOUNDARIES



The Department of EEE warmly congratulates Madhav M. Mangale and Ajith for securing 2nd Place in the Innovation Showcase Exhibition & Competition held on 26th Feb 2026. Organized by the Institution's Innovation Council (IIC) at PESITM, Shivamogga, the competition celebrated student ingenuity and practical engineering solutions. This remarkable achievement showcases the creative potential and technical excellence fostered within the department.

LABORATORY AWARENESS SESSION



The Department of EEE conducted a Faculty-to-Faculty Laboratory Awareness Session on 27th Jan 2026, where lab-in-charge faculty shared insights with fellow staff members. The briefing focused on standard operating procedures, safety protocols, and advanced equipment handling to ensure uniform practical instruction across all laboratories.

CLASS TOPPERS

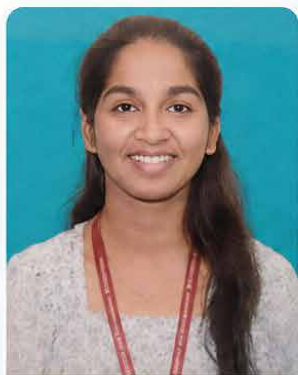
2025-26 ODD SEM



Ms. Pavithra N Jain
4PM25EE023

Sem : 1

87.67 %



Ms. Deepika T G
4PM25EE023

Sem : 3

87.78 %



Ms. Hamsaveni B P
4PM23EE009

Sem : 5

85 %



Ms. Chitra E Jain
4PM22EE008

Sem : 7

97 %

STUDENT PUBLICATION ACHIEVEMENT | AY 2026

AT A GLANCE | AY 2026



Total Published Papers: 8

Author Batch: 8th Semester Students
Lead Researchers: 4 Papers

KEY FOCUS DOMAINS



Electric Vehicles &
Energy Storage



Renewable Energy &
Smart Grid Systems



IoT, AI, & Power
Electronics



Industrial Automation
& Controls

REPRESENTATIVE PAPER HIGHLIGHTS (SUMMARY)

Paper Title (Topic)	Lead Student Authors	Publisher & Date
 1. Efficient Passive Cell Balancing for Li-Ion Batteries	Chitra E Jain et al. (8 th Sem)	IJIRCCE, Jan 2026
 2. Development Of IoT Based Battery Management System For Electric Vehicles	Bhoomika S et al. (8 th Sem)	IJIRCCE, Jan 2026
 3. Electric Vehicles Fast Charging System by Using DAB Converter	Nitin Satish et al. (8 th Sem)	IRJET, Jan 2026
 4. IoT Based Condition Monitoring of An Induction	Charanraj, I et al. (8 th Sem)	IJPREAMS, Jan 2026
 4. IoT Based Condition Monitoring of An Induction Motor	Mithun H M et al. (8 th Sem)	IJPREAMS, Jan 2026



Congratulations to our student researchers for their exceptional academic contributions!



Knowledge in Action,
Passion in Results.

Empowered Minds,
Extraordinary Results.

STUDENT DEVELOPMENT PROGRAM

PES Institute of Technology and Management

Department of Electrical & Electronics Engineering

INDUSTRIAL DRIVES CONTROL USING VARIABLE FREQUENCY DRIVES

Three days
Student Development Program

28th to 30th, April 2026
Venue: EEE Seminar Hall

Mr. Santhosh R
Senior Manager
Electrical Power System & Operations
Shahi Exports Pvt. Ltd.

Dr. Swamy D R
Principal, PESITM

Dr. Sekar R
Vice Principal, HoD EEE
PESITM

Co-ordinators
Mrs. Kalpana S
Assistant Professor

Mrs. Manasa B
Assistant Professor



The Department of Electrical & Electronics Engineering organized a three-day Student Development Program on "Industrial Drives Control Using Variable Frequency Drives" from 28th to 30th Apr 2026 at the EEE Seminar Hall. The sessions were led by resource person Mr. Santhosh R (Senior Manager - Electrical Power System & Operations, Shahi Exports Pvt. Ltd.), focusing on practical applications of VFDs in modern industries. Coordinated by Assistant Professors Mrs. Kalpana S and Mrs. Manasa B, the program offered students valuable hands-on insights into industrial automation and drive systems.

Empowering Educators: Maximizing Digital Library Resources



The Department of EEE organized an Awareness Session on Library E-Resources on 31st Jan 2026, conducted by central library officials for the department faculty. The session briefed staff on accessing digital journals, e books, and online research databases to enhance teaching methodologies and research output.

INVITATION COMMITTEE

INVITATION COMMITTEE | ARTICLE SUBMISSIONS

WE INVITE EVERYONE TO SEND THEIR ARTICLES FOR A FUTURE NEWSLETTER EDITION

SUBMISSION GUIDELINES

ARTICLE CATEGORIES:

-  • Informative & Awareness-Creating Technical Articles
-  • Trending Short or Descriptive Technical Articles
-  • Non-Technical Articles (any topic)
-  • Creative Submissions: Paintings, Pencil Sketches, Doodles
-  • Literature & Humor: Poems, Jokes
-  • Photography

Articles are accepted both in
KANNADA and ENGLISH languages.

SUBMIT TO:

sugandhahiremath33@gmail.com 

 purnanandikolmath@gmail.com 

 kruthisiddu888@gmail.com 

kirankumargr@pestrust.edu.in 

Contribute today and inspire our community!

EDITORIAL COMMITTEE



EDITORIAL COMMITTEE PATRONS



Dr. Swamy D R, Principal
Dr. R Sekar, Vice Principal



CONTENT REPORTERS



Ms. Kruthika A M, 6th Sem
Ms. Poornima N, 6th Sem
Mr. Manuswamy Hiremath, 6th Sem



DESIGN AND LAYOUT EDITOR



Ms. Sugandha, 8th Sem



STUDENT COORDINATION COMMITTEE



Ms. Kushi G V, 4th Sem
Mr. Manikanta B A, 4th Sem



EDITOR-IN-CHIEF



Dr. R Sekar, HOD
Mr. Kiran Kumar G R, Asst. Professor



Thank You