



ATME

College of Engineering



INSPIRE

Electrical and Electronics Engineering

**Bi-Annual
News Letter**

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CHIEF PATRONS



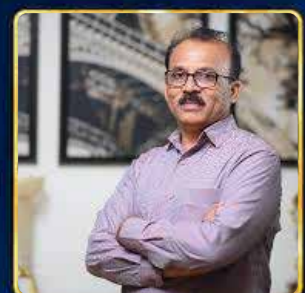
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Dr. Parthasarathy L,
Prof & Head, Dept. of EEE ATMECE, Mysuru

EDITORIAL DESK

This newsletter provides a proper platform to students and faculty to exhibit their creative talents. It is becoming a need to motivate the student's community in technical Institutions to be exposed to additional knowledge over and above those in prescribed curriculum to provide them an opportunity to professionally mature at faster rate. I congratulate all the students and faculty and who have contributed their valuable creations for publication in this issue. I also take this opportunity to appreciate the strenuous effort made by the editorial to bring out the newsletter. I convey my good wishes to all the readers and wish them a happy and enjoyable reading.

CO-EDITOR



Mrs. Swathi C A
Assistant Professor Dept. of Electrical & Electronics Engineering
ATME College of Engineering Mysuru

Key Milestones of ATMECE

- NBA Accreditation, EEE, ECE, ME, CE (II Term); CSE (I Term)
- NAAC A+ Grade (I Cycle)
- VTU 8th Rank: Electrical & Electronics Engineering

- Rated Gold by QS I-Gauge for Overall Excellence
- Swachh Institute, GoI: 2019-2020
- DST, AICTE-MODROB Grants: 2.50+ Crores

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KEY MILESTONES

-  **Best Performance Department of the Year** - Department of Electrical and Electronics Engineering (EEE), Academic Year 2023-24, recognized for outstanding performance in teaching, research, and institutional contribution.
-  **NAAC A+ grade Accreditation** in the first cycle.
-  **National Board of Accreditation (2025-2028)**
-  **AICTE-MODROB Funding** for Cyber security in Power Systems
-  **Funding from KTECH-NAIN** for Project Portable Baby Incubator with Sleep Apnea Monitoring for Premature Infants
-  **Best Student Project** under Karnataka State Council for Science and Technology (KSCST) for 3 Consecutive Years
-  **Financial Assistance** for student Projects by VTU and KSCST.
-  **Patent Granted :01, Patent Published: 06**
-  **98% and above Results** in previous Six Graduating batches.
-  **Inter Institute Project Winners**, Toycathon Semi-finalists, IIC-MHRD proposal, IICDC-DST participation etc.
-  **University level sports representation with gold medal.**
-  **Average Placement: 70 % and above**
-  **Ms. Safeena Shazia Secured 8th Rank** in University with an average score of 86%
-  **Our Alumni are entrepreneurs** owning companies like FLARE LED, Madhu Electricals, Eagle Electricals, Manswi Infotech, nclues etc
-  **Alumni** are working in premier MNCs like **Oracle, IBM, Infosys, L&T, SIEMENS, JP Morgan, Skit.ai, J K Maini Aerospace, FCI OEN Connectors Limited, Nordex, Carelon global, Micron Electricals, Kirsloskar, Sanrad Medical Systems Pvt Ltd** etc and in government sector in KPTCL.

Social Media Platforms



YouTube:
<https://www.youtube.com/@ATMECEOfficial>



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<https://www.instagram.com/atmeceofficial/>

About the Department of Electrical & Electronics Engineering



The department was established in 2010 with an initial intake of 60 students and currently has a strength of 167 students from the 2nd to 4th years. It is a VTU-recognized Research Centre offering Ph.D. programmes. The faculty members have expertise in Power Systems, Power Electronics, Energy Systems and Management, Industrial Drives, Biomedical Signal Processing and Instrumentation, VLSI Design, Embedded Systems, and Energy Management Systems. The department has laboratories equipped according to VTU norms, along with upcoming state-of-the-art research laboratories to strengthen its research facilities. It has spacious infrastructure covering approximately 2,025 sq. m., including ICT-enabled lecture halls, a seminar hall, and modern laboratories. The department provides domain-specific training in Industrial Automation and Embedded Systems and has active professional memberships in ISTE, IET, and IAENG.

Its research activities cover areas such as Power Systems, Nanomaterials, Biomedical Devices, and related fields. The department also provides consultancy services in transformer design validation, earth pit testing, auxiliary transformer testing, and DG set testing.

These academic, research, training, and consultancy activities contribute to the department's overall development and strengthen its connection with industry and technological advancements.

Affiliation



Accreditation





Vision of the College



Development of academically excellent, culturally vibrant, socially responsible and globally competent human resources.



Vision of the Department



To create Electrical and Electronics Engineers who excel to be technically competent and full fill the cultural and social aspirations of the society.



Mission of the College



To keep pace with advancements in knowledge and make the students competitive and capable at the global level.



To create an environment for the students to acquire the right physical, intellectual, emotional and moral foundations and shine as torch-bearers of tomorrow's society.



To strive to attain ever-higher benchmarks of educational excellence.



Mission of the Department



To provide knowledge to students that builds a strong foundation in the basic principles of electrical engineering, problem solving abilities, analytical skills, soft skills and communication skills for their overall development.



To offer outcome based technical education.



To encourage faculty in training & development and to offer consultancy through research & industry interaction.



Program Educational Objectives (PEO's)

01

PEO1: To produce competent and ethical Electrical and Electronics Engineers who will exhibit the necessary technical and managerial skills to perform their duties in society.

02

PEO2: To make graduates continuously acquire and enhance their technical and socio-economic skills.

03

PEO3: To aspire graduates on R&D activities leading to offering solutions and excel in various career paths.

04

PEO4: To produce quality engineers who have the capability to work in teams and contribute to real time projects.



Program Specific Outcomes (PSO's)

01

PSO1: Apply the concepts of Electrical & Electronics Engineering to evaluate the performance of power systems and also to control industrial drives using power electronics.

02

PSO2: Demonstrate the concepts of process control for Industrial Automation, design models for environmental and social concerns and also exhibit continuous self-learning.



Department Activities



A. Faculty Activities



A.1 Faculty Development Programme, AY 2025-26



SL. No.	Name of the Faculty	Title	Date	Organized by
1	Prof. Shreeshayana R	Generative AI, Agentic AI and Quantum Computing	23rd to 25th February 2026	Department of EEE & DS(CSE), ATMECE, Mysuru
2	Prof. Swapna H	Intellectual Property	Jan - April 2026 12 Weeks	NPTEL - AICTE
		Introduction to Internet of Things		
		Education for Sustainable Development		



A.2 MOOC Certifications



SL No.	Faculty Member	Course Title	Platform	Duration
1	Dr. Sathish K R	Introduction to Industry 4.0 and Industrial Internet of Things	NPTEL	Jan - April 2026 12 Weeks
2	Prof. Shreeshayana R	1. Biomechanics 2. Biomedical Instrumentation and Sensors 3. Digital Forensics	NPTEL	Jan-March 2026 12 Weeks
		Datascience for Engineers	NPTEL	Jan-March 2026 8 Weeks
3	Prof. Swapna H	1. Intellectual Property 2. Introduction to Internet of Things 3. Education for Sustainable Development	NPTEL	Jan - April 2026 12 Weeks
4	Prof. Kavyashree S	Research Methodology in Natural Sciences	NPTEL	Jan - April 2026
		Module 1: orientation towards technical education and Curriculum aspects Module 3: Communication Skills, Modes and Knowledge Dissemination Module 5: Technology Enabled Learning and Lifelong Self Learning Module 7: Creative Problem Solving, innovation and Meaningful R&D	NITTTR	March 2026



Department Activities



A.3

Publications Details: Scopus Indexed Journals



SL. No.	Author	Paper Title	Conference/Journal Details	Indexing
1	Dr. Sathish K R	Design of a Synchronous Reference Frame Controlled Fuzzy Logic Based Distribution Static Compensator to Enhance Distribution System Power Quality	Journal of Computer Science, Vol. 22, No. 2, DOI:10.3844/jcssp.2026.631.648	Scopus
		Optimal Capacity Configuration and Scheduling of Wind-PV-Battery-based EV Charging Stations Using Advanced Optimized Deep Learning Considering Time-of-Use Pricing and Demand Response with Performance Benchmarking	Journal of Energy Storage, 10.1016/j.est.2025.119931	Scopus
3	Prof. Shreeshayana R	NetPhish-Mix: A Multi-Modal Phishing Detection Method Utilizing URL Graphs and Page Screenshot Vision Transformer	Engineering, Technology & Applied Science Research Journal, Vol.16, Issue-1,31209-31214, February 2026. https://doi.org/10.48084/etasr.15759	Scopus
4	Prof. Swapna H	AI Applications for Drone Of Things In The Power Sector	Journal of Engineering and Technology for Industrial Applications, v.12 n.57, p. 428-447. January/February 2026. DOI: https://doi.org/10.5935/jetia.v12i57.3030	Scopus
5	Prof. Kavyashree S	Design of a Synchronous Reference Frame Controlled Fuzzy Logic Based Distribution Static Compensator to Enhance Distribution System Power Quality	Journal of Computer Science	Scopus
		Optimal capacity configuration and scheduling of Wind-PV-battery-based EV charging stations using advanced Optimized Deep Learning Considering Time-of-Use Pricing and Demand Response with Performance Benchmarking	Journal of Energy Storage	Scopus



Department Activities



A.4

Research Centre Details

The program has a Research Centre, to pursue Ph.D. The program has registered supervisors under VTU. Research supervisors are responsible for guiding and monitoring the progress of research scholars pursuing Ph.D. or Integrated Ph.D. programs.

Research Centre	Research Supervisor Name
Electrical and Electronics Engineering	Dr. Parthasarathy L
	Dr. Sathish K R
	Dr. Shakunthala C
	Dr. Vinod Kumar P
	Dr. Praveen Kumar M



A.5

Workshop Details

SL. No.	Name of the Faculty	Title	Date	Organized by
1	Mr. Shreeshayana R	Advanced Electric Vehicle Diagnostics and Simulation	23 rd and 24 th January 2026	Skyyskill Academy



A.6

Patent Details

Sl. No.	Author	Patent Title	Patent application no	Status
1	Dr. Sathish K R	System and Method for 3D Printing Using Recycled Polymer Filament	202541122459	Published



Department Activities



A.7

Faculty Achievements

SL. No.	Name of the faculty	Activities	Year
1	Dr. Sathish K R	Completed the AICTE QIP PG Certificate Programme in Cyber Security conducted by IIIT Dharwad (June- December 2025), securing a CGPA of 9.1/10	2026
2	Prof. Shreeshayana R	Team Guide: Swathi B V, Kushal, Prashanth, Brunda K S, Won 3rd Place and Cash prize in the Technical Paper presentation competition at GEOTOCS, Goplan College of Engineering, Bangaluru	2026
3	Prof. Kavyashree S	Completed the AICTE QIP PG Certificate Programme in Cyber Security conducted by IIIT Dharwad (June- December 2025), securing a CGPA of 9.4/10	2026
4	Dr. Raghavendra L	Completed the AICTE QIP PG Certificate Programme in Cyber Security conducted by IIIT Dharwad (June- December 2025), securing a CGPA of 9.3/10	2026
5	Dr. Praveen Kumar M	Completed the AICTE QIP PG Certificate Programme in Cyber Security conducted by IIIT Dharwad (June- December 2025), securing a CGPA of 9.7/10	2026



Department Activities



B. Student Activities



B.1 Technical Achievements



Swathi B V (4AD24EE037), Kushal P (4AD25EE403), Prashanth M (4AD25EE409), Brunda K S (4AD24EE005), II-year students **Won 3rd Place and Cash prize** in the Technical Paper presentation competition at GEOTOCs, Goplan College of Engineering, Bengaluru.



B.2 Sports



Ms. Ankitha A P has Participated in 27th VTU Inter Collegiate State Level Athletic Championship 2025-26 organized by KIT, Tiptur on 25-29, March 2026.



Mr. Vikyath won the **Gold Medal** in the 74 kg category at the VTU State-Level Wrestling Championship held at MIT College, Belavadi, Mysuru.



Ankitha A P
4AD24EE003



Vikyath K V
4AD22EE054



Department Activities

**B.3**

Intercollegiate competitions



Ramcharan Tej - 4AD24EE026, II Year student from the Department of Electrical and Electronics Engineering, has secured Second Place in the Solo Dance Competition at the Annual Techno-Cultural Fest Geethayana 2026, held at GSSSIETW, Mysuru, on 24th April 2026. He was awarded a cash prize of ₹2000.



Team 1: Kushal P – 4AD25EE402 and Varun – 4AD25EE412, II Year student from the Department of Electrical and Electronics Engineering, have won second Place with cash prize of ₹2500 in the inter collegiate Technical Competition circuit clash competition held at GSSSIETW, Mysuru on 23rd April 2026.



Department Activities



B.3

Intercollegiate competitions



Team 2: Mohammed Sadaf – 4AD24EE018 and Saraha S R – 4AD24EE030, II Year student from the Department of Electrical and Electronics Engineering, have won Third Place with cash prize of ₹1500 in the inter collegiate Technical Competition circuit clash competition held at GSSSIETW, Mysuru on 23rd April 2026.



Department Activities



C.4

Placement Report of Batch 2022-26

Sl. No.	Name	Company	Package	Photo
1	Rakshitha A M	Nordex	4.5LPA	
2	Likhitha B M	SASMOS HET Technologies, Bengaluru	3.75 LPA	
		L.G. Balakrishnan & Brothers Limited	3.8 - 4.2 LPA	
3	N Likhitha	SASMOS HET Technologies, Bengaluru	3.75 LPA	
4	Druthi S	SASMOS HET Technologies, Bengaluru	3.75 LPA	
5	Darshan L R	SASMOS HET Technologies, Bengaluru	3.75 LPA	



Department Activities


C.4

Placement Report of Batch 2022-26

Sl. No.	Name	Company	Package	Photo
6	Sujan A N	SASMOS HET Technologies, Bengaluru	3.75 LPA	
7	Trisha G			
8	Muniswamy R	L.G. Balakrishnan & Brothers Limited	3.8 - 4.2 LPA	
9	Dashami Ramesh Olekar			


C.5

Semester Toppers

EVEN SEM, AY 2025-26

VIII Semester	VI Semester	IV Semester
 DHANUVIDYASHREE 4AD22EE017 CGPA-9.01	 SACHITH GOWDA S R 4AD23EE034 CGPA-9.12	 HARSHITHA M 4AD24EE009 CGPA- 9.15

Emitting Elite Energy



Newsletter Student Editorial Committee



Saraha S R

4AD24EE030

Student editor

Electrical and Electronics Engineering
Electronics and Communication Engineering
Mechanical Engineering

U.G Programs
Civil Engineering
Computer Science & Engineering (CSE)
CSE (AI-ML)

PG PROGRAM
Master of Computer Applications
Master of Business Administration

CSE (Data Science)
CSE (Computer Science & Design)
CSE (Cyber Security)