



**NITTE**  
(Deemed to be University)

**NMAM INSTITUTE  
OF TECHNOLOGY**

(Established under Section 3 of UGC Act 1956)

Nitte – 574 110, Karnataka, India

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

Volume 05

Issue 07

February 2026

EEE News Letter





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## **Samhathi - Parent Teacher Meeting**

28 February 2026

The Department of Electrical and Electronics Engineering (EEE), NMAM Institute of Technology, Nitte conducted “Samhathi”, a Parent–Teacher Meeting on 31 January 31, 2026 and February 01, 2026 for the parents of II, IV and VI semester students. The meeting was held in Room NC22, Second Floor, Sir M. Visvesvaraya Block, with active participation from parents, students and the faculty members.

Dr. Suryanarayana K, Professor and Head, EEE, welcomed the gathering and highlighted the importance of academic performance, GATE preparation, internship programs and communication skills in enhancing student employability. He emphasized that engineering education plays a vital role in shaping students into competent professionals with a holistic approach toward life and career. He also advised parents to continuously guide and motivate their children to become responsible individuals and valuable contributors to the society.

Class advisors Mrs. Akshatha N. M., Dr. Nandini K. K. and Mrs. Nutana Shetty, Asst. Professors, EEE, addressed the parents and briefed them about the mentor–mentee system, knowledge-based learning approach and academic support provided to students. They encouraged parents to maintain close communication with mentors to monitor their wards progress.

The HoD also informed that the department has procured industry-grade equipment to bridge the gap between academics and industry expectations. Discussions during the session covered topics such as GATE coaching support, internship guidelines and evaluation, placement readiness, attendance for sports participation and entrepreneurship opportunities. The importance of soft skills, mock interviews and career training modules was also emphasised as key initiatives of the department to improve placement outcomes.

Parents appreciated the continued effort of the department in moulding the students through structured academic monitoring, placement training and value-added programs. The meeting concluded with a vote of thanks by the HoD, expressing gratitude to all parents and faculty members for their active participation and valuable suggestions.



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## **AREEV-2026**

10 February 2026

The Department of Electrical and Electronics Engineering, NMAM Institute of Technology hosted an International Conference on Advances in Renewable Energy and Electric Vehicles (AREEV-2026) under the aegis of the three-day multi-conference platform International Conference on Emerging Trends in Engineering (ICETE) on February 05-07, 2026 hosted by NMAM Institute of Technology, Nitte. Dr. Sunil Kumar Singh, Director CSIR, National Institute of Oceanography (NIO), Goa inaugurated the multi-conference on February 05, 2026 in Sambhram Auditorium of the Institute.

AREEV hosted two keynote lectures, Dr. Ramnarayan Patel, Department of Electrical and Electronics Engineering, National Institute of Technology, Raipur and Dr. Prajof Prabhakaran, Assistant Professor, National Institute of Technology Karnataka (NITK), Surathkal. AREEV-2026 received 52 papers from all over the world and accepted 23 papers and 11 authors registered for paper presentation. The papers underwent a double-blind peer review by the subject matter experts.

The details of the technical sessions are given below:

### **Day 1: February 05, 2026**

The first technical paper presentation sessions of AREEV-2026 began at 11:30 AM through online mode. The details of the sessions are as follow:

#### **Session 1:**

**Time: 2:00 PM to 4:00 PM**

Venue : PG Research Lab, Sir M.V block, III floor

Track Chairs : Dr. Nayana Shetty, Associate Professor, NMAMIT, Nitte  
Dr. K Latha Shenoy, Associate Professor, NMAMIT, Nitte

Session Coordinator : Dr. Rasananda Muduli and Mrs. Akshatha N M, Assistant Professors, NMAMIT, Nitte

Number of papers presented: 6

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Venue : PG Research Lab, Sir. M.V block, III floor

Session Chairs : Dr. Anitha M Colaco, Associate Professor, NMAMIT, Nitte  
Dr. Girisha Joshi, Associate Professor, NMAMIT, NitteSession Coordinator : Dr. Pramod Bhat Nempu and Mr. Mahabaleshwara Sharma K,  
Assistant Professors, NMAMIT, Nitte

Number of papers presented: 5

**Day 1 Keynote 1:****Time: 12:00 Noon to 1:00 PM**

Dr. Ramnarayan Patel, Department of Electrical and Electronics Engineering, National Institute of Technology, Raipur delivered an insightful talk on the theme “Prospects of Electric Vehicles and the Flip Side”, focusing on the sustainability, technological trends and future roadmap of electric mobility. The session addressed the critical question of whether Electric Vehicles (EVs) are truly sustainable when evaluated across their entire lifecycle, including energy generation, battery manufacturing and end-of-life disposal. The talk highlighted recent trends and emerging technologies in electrified vehicles and charging infrastructure, emphasizing advancements in battery chemistry, fast-charging systems and power electronics. He discussed the key motivations behind vehicle electrification, such as reducing greenhouse gas emissions, improving energy efficiency and decreasing dependence on fossil fuels. Recent developments in vehicular technology, including hybrid systems, regenerative braking and smart energy management, were also elaborated upon. Significant attention was given to the factors influencing the acceleration of the growth of EVs, including government policies, technological innovation, declining battery costs and increasing environmental awareness. He outlined the factors that have shaped the roadmap of vehicle electrification and explained India’s Vision 2030, which aims to promote sustainable mobility through large-scale EV adoption. The session further covered the classification of vehicles based on propulsion systems and presented an efficiency analysis of Internal Combustion Engine (ICE) vehicles, highlighting their inherent limitations compared to electric drivetrains. Around 100 students participated in the event.

**Day 2: Keynote Lecture 2:****Time: 10:00 AM to 11:00 AM**

Dr. Prajof Prabhakaran, Assistant Professor, National Institute of Technology Karnataka (NITK), Surathkal, delivered a keynote address titled “Power Electronics at the Heart of Energy

Transition: Renewables to EVs”. The session provided a comprehensive overview of how power electronics plays a pivotal role in enabling the global transition towards sustainable energy systems. Dr. Prajof highlighted the critical importance of power electronic converters and control systems in the effective integration of renewable energy sources and electric vehicles into modern power grids. He discussed various types of grid-connected photovoltaic (PV) systems, explaining their configurations, operating principles and grid interface requirements. The session covered centralized, string and module-level PV inverter architectures, along with their advantages and application scenarios. The talk also emphasized challenges associated with grid-connected PV systems, such as power quality, harmonics, intermittency and grid stability. He discussed how advanced power electronic solutions help address these issues. Dr. Prajof elaborated on the role of intelligent control strategies, high-efficiency converters and wide bandgap semiconductor devices in improving system performance and reliability. In addition, the keynote session provided valuable insights into electric vehicle (EV) architecture, outlining key subsystems such as the battery pack, power converters, traction inverter, motor drive and onboard charger. The interaction between EVs and the power grid, including charging infrastructure and vehicle-to-grid (V2G) concepts, was also briefly discussed.

The valedictory of AREEV-2026 was held on February 06, 2026 at PG & Research Lab, Dept of E&E Engineering. Mrs. Swathi Hatwar H, one of the coordinators AREEV-2026 summarised about the journey of organizing the event and the sessions conducted in the conference. Professor and Head Dr. Suryanarayana K, Professor and Head, Dept of E&E Engg and AREEV-2026 Program Chair, briefed about the conference. Mr. Raksha Adappa, one of the coordinators, AREEV 2026 proposed the vote of thanks.





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## **As Resource Persons for Conducting a Workshop**

10 February 2026

Mr. Anand Bhat B, Asst. Professor – Grade – II and Mr. Pradeep Kumar, Asst. Professor – Grade – III, Department of Electrical and Electronics Engineering, NMAM Institute of Technology served as resource persons for the 13-hour Workshop on “Developing E-Learning Modules” organized by the Department of Civil Engineering, in association with the Institution’s Innovation Council (IIC), NMAM Institute of Technology, Nitte, conducted on December 30, 2025, January 17, 2026 and February 07, 2026.

## **Fight of Rackets – A Smash Hit at EEE Department**

24 February 2026

The Department of Electrical and Electronics Engineering (EEE), under the association of Electrical and Electronics Engineering students “ELITES” successfully organized an intra-department shuttle badminton tournament titled “Fight of Rackets” on February 21, 2026 from 9:00 AM to 11:30 AM at the BC Alva Sports Ground.

The event aimed at promoting the spirit of “a healthy body with a soulful mind,” encouraging the students to engage in physical activity while sharpening their mental agility. Shuttle badminton, known for demanding physical strength, quick judgment and swift reflexes, provided the perfect platform for students to showcase their sporting talent.

Nine teams participated enthusiastically, including both boys and girls.

Boys’ Category:

- Winners: Sujana, Mohammed Azhan
- Runners-up: Agnivesh Marturkar, Harshith D

Girls’ Category:

- Winners: Ananya S. Poojary, Ananya N. Acharya
- Runners-up: Anvitha A., Charanya

The event commenced with an inaugural friendly match between faculty members, setting an energetic and encouraging tone for the competition. The presence and active participation of Dr. Suryanarayana K, Professor and Head, Department of Electrical and Electronics Engineering and other faculty members added immense value to the occasion, fostering and strengthening the spirit of togetherness.





**Details of the Workshop / STTP/ Faculty Development Program  
attended by the faculty of E&E Engg in the month of February  
2026**

Sl. No.	Name	Dept	Title of the Programme	Place	Date
1.	Dr. Dinesh Shetty	E&E Engg	Awareness on Prevention of Sexual Harassment (POSH) at Workplace	NMAMIT, Nitte in Association with Staff Development Centre, Nitte DU	January 03, 2026
2.	Mrs. Raksha Adappa	E&E Engg	Awareness on Prevention of Sexual Harassment (POSH) at Workplace	NMAMIT, Nitte in Association with Staff Development Centre, Nitte DU	January 03, 2026
3.	Mrs. Swathi Hatwar	E&E Engg	Awareness on Prevention of Sexual Harassment (POSH) at Workplace	NMAMIT, Nitte in Association with Staff Development Centre, Nitte DU	January 03, 2026