

Prof. Avijit Saha, Head of the Department, served as the **Quiz Master** at the **Inter-School Quiz Competition** organized by **Sishuniketan High School, Sonarpur** on **24th August, 2025**, making the event lively. His engaging style, insightful questions, and lively interaction with the participants made the event both enjoyable and intellectually stimulating. The competition witnessed enthusiastic participation from various schools.



SPARKED

The Pulse of Electrical Engineering
August | 2025



Student Surge

Our final year student **Sohom Banerjee** has successfully completed a research internship at **IIT Patna** from **23rd June to 22nd July 2025** on **"AI Driven Fault Detection in Induction Motors"**. We congratulate him on this achievement.



An exclusive session was organized on **28th August, 2025** at the Future Institute of Engineering and Management campus with **Ms. Rimple Puri, Director-ANZ at StudyIn**, as the distinguished speaker. She delivered an insightful talk on **"Study at Top-Ranked Universities in Australia & New Zealand"**. Students actively participated, gaining valuable guidance on opportunities for pursuing higher education abroad.



Charge from Head

Dear All,

I am delighted to share the August 2025 edition of our departmental newsletter. This issue reflects the dedication of our faculty, the enthusiasm of our students, and the collective spirit that drives the Electrical Engineering Department forward. With continuous focus on academic growth, research, and industry relevance, we aim to nurture competent engineers ready to meet future challenges.



Prof. Avijit Saha
Head of the Department
Electrical Engineering, FIEM

Our third-year and final-year students actively participated in **"IGNITE-2025: Lighting Young Minds where Innovation Meets Inspiration"**, a one-day workshop organized by the West Bengal State Power Engineers' Association (WBSPEA) at Vidyut Bhavan on **30th August, 2025**.

The event brought together eminent experts who delivered thought-provoking presentations on emerging domains of the power sector.

This knowledge-enriching workshop provided our students with valuable exposure to cutting-edge innovations, strengthening their technical insights and inspiring them towards future-ready engineering.



Editorial Sparks

Faculty Advisor: Prof. Tamal Dutta
Student Editor: Sohom Banerjee (4th Year)
Creative Designer: Sudipta Jana (3rd Year)

Highlights for the month

- 8th August : Medical Health Checkup
- 15th August : Independence Day Celebration
- 19th August : An Invited Talk Session

Upcoming Surge

- 5th September : Teachers Day Celebration
- 17th September : Viswakarma Puja Celebration

Student Circuit

Our final year students of the Electrical Engineering Department have successfully completed an intensive training program on PLC (Programmable Logic Controller) & SCADA (Supervisory Control and Data Acquisition), conducted by Rising Edge—a leading name in automation and control systems.

What made this training special was the hands-on project experience, where students applied their learning to real-time problem solving. Divided into groups, they designed and implemented exciting projects:

- ◆ Group I: South West Traffic Control System
- ◆ Group II: Sequential Motor Starting and Stopping
- ◆ Group III: Trolley Control System

These projects showcased their creativity, teamwork, and technical skills, preparing them to meet the demands of the automation-driven industry. Such initiatives strengthen the bridge between classroom learning and industrial practice, shaping our students into future-ready engineers.



Independence Day Celebration



The Future Institute of Engineering and Management (FIEM) celebrated the 79th Independence Day on 15th August, 2025 at the college campus with great zeal and patriotic spirit. The program began with the gathering of students, faculty, and staff in front of the administrative block, creating an atmosphere filled with pride and unity.

Our respected Head of the Electrical Engineering Department, Prof. Avijit Saha, had the honor of hoisting the National Flag, followed by the singing of the National Anthem by all present. The tricolor fluttering high in the sky reminded everyone of the sacrifices made by countless freedom fighters and the responsibilities we hold as citizens of this great nation.

The day was a proud reminder of our glorious past, our responsibilities in the present, and our vision for a brighter tomorrow.

Power Highlights

The Electrical Engineering Department organized an invited talk on **19th August, 2025**, delivered by **Mr. Prosenjit Sarker, W.B.R.S, Deputy Commissioner, Directorate of Revenue Intelligence**.

Mr. Sarker spoke on the topic "**Path to Become a Bureaucrat from Technocrat**", sharing his experiences and guiding students on how technical graduates can pursue careers in civil services. His motivational talk highlighted the role of discipline, analytical skills, and perseverance in achieving success. The session inspired students to broaden their horizons and aspire for impactful careers in administration.



Health Check Up Camp

The Future Education Employees' Welfare Association (FEEWA), in collaboration with Manipal Hospitals, organized a comprehensive **Health Check-up Camp** at the FIEM Campus on **8th August, 2025**.

The camp witnessed enthusiastic participation from our faculty members and staff, who availed the opportunity to undergo essential health screenings and consultations. This initiative highlighted the importance of preventive healthcare and well-being, reinforcing our commitment to fostering a healthy work environment.

Such programs not only ensure the physical well-being of our academic community but also promote a culture of care and wellness within the institution.

