

Faculty Engagement

Our **Senior Technical Assistant, Mr. Amitava Parua**, actively represented our department in two career counselling programs held in East Midnapur.

He attended a session at **Raghunath Bari High School, Panskura**, on **14th November 2025**, where he guided students on academic pathways and emerging career opportunities in technical education.



Continuing his outreach efforts, he also participated in another counselling program at **Chatra Kunja Rani Bani Bhawan Higher Secondary School, Tamluk**, on **17th November 2025**. His interactions with the students provided valuable insights and inspired many to explore future prospects in engineering and technology. Mr. Parua's dedicated involvement in these initiatives reflects our department's commitment to community engagement and student development.

SPARKED

The Pulse of Electrical Engineering
November | 2025



Charge from Head

I am pleased to present the November 2025 edition of **SPARKED**. This month has been a proud one for our department, marked by our institute's first AICTE ATAL FDP, outstanding faculty participation in national workshops, and remarkable student achievements in academics, research, and sports.

Our outreach activities and the vibrant celebration of FLAMES 2025 reflect the dynamism and commitment of our entire FIEM family. I wholeheartedly appreciate the efforts of our faculty, staff, and students for upholding the spirit of excellence throughout the month.

Let us continue to inspire, innovate, and move forward together.



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

Future Institute of Engineering and Management celebrated its annual cultural fest **FLAMES 2025** with exceptional energy and enthusiasm from **21st to 23rd November 2025**. The three-day celebration transformed the FIEM campus into a vibrant hub of music, creativity, and cultural expression.



Students from various departments showcased their talents through singing, music, dance, art, and numerous creative performances. Alongside the in-house performers, several external bands and artists graced the stage, elevating the fest to a professional concert-like experience. The fest included vibrant shows by **The Folk Diaryz, Dhvani Live, and TRAP - The Radical Array Project**, creating an electrifying atmosphere on campus. FLAMES 2025 successfully showcased the creativity and talent of FIEM, making it a memorable cultural celebration for the entire college community.



Editorial Sparks

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

Highlights for the month

AICTE ATAL Faculty Development Program by FIEM: 10th -15th November, 2025

career counselling programs: 12th, 14th & 17th November, 2025

FLAMES'25: Cultural Fest from 21st -23rd November, 2025

Upcoming Surge

Research Paper publication by Sohom Banerjee, Final year EE Student

Alumni Meet in Virtual Platform: Dates will be announced soon

Faculty Development Program by Prof. Tamal Dutta

Student Participation

Our Third Year student Subir Sarkar participated in the Kolkata Cyclothon held at the SAI Sports Complex, Salt Lake on 9th November 2025. The event, organized by Champ Endurance and Loha Foundation with support from SAI and Coal India Limited, promoted fitness and community engagement.

Subir's enthusiastic participation brought pride to our department and showcased the holistic spirit of our students beyond academics. We congratulate him and encourage more students to join such meaningful events in the future.



Subir also brought remarkable pride and recognition to our department by securing the 3rd position in the Ordinary Men's Category at the 45th West Bengal State Cycling Championship, held at Muragacha, Nadia, West Bengal.

We extend our heartfelt congratulations to Subir Sarkar for this commendable milestone. His success serves as an inspiration for his peers, motivating more students to explore their talents, participate actively in state-level events, and strive for all-round development. We wish him many more achievements and a bright future ahead in both academics and sports.



Power Highlights

Our Technical Assistant, Mr. Chayan Bera, actively participated in a career counselling session organized at Krishna Ganj Krishi Silpo Vidhyalaya, East Midnapur, on 12th November 2025. The programme aimed to guide school students toward informed academic and career decisions by introducing them to various opportunities in technical and professional fields.

During the session, Mr. Bera interacted with the students and provided valuable insights into the evolving landscape of engineering and technology. He spoke about emerging career pathways, the importance of practical skills, and the need to stay updated with modern tools and industry trends. His clear guidance and motivational approach helped the students gain clarity about future prospects and the steps required to achieve their goals.

Mr. Bera's participation highlights our department's commitment to community outreach and educational development. Through such initiatives, we continue to extend support beyond our campus and contribute to shaping the aspirations of young learners.

We appreciate and congratulate Mr. Chayan Bera for his dedicated involvement in this meaningful event and for representing our institution with professionalism and sincerity.



Faculty Spark



Prof. Amitabha Bhattacharjee



Prof. Sanjoy Sarkar

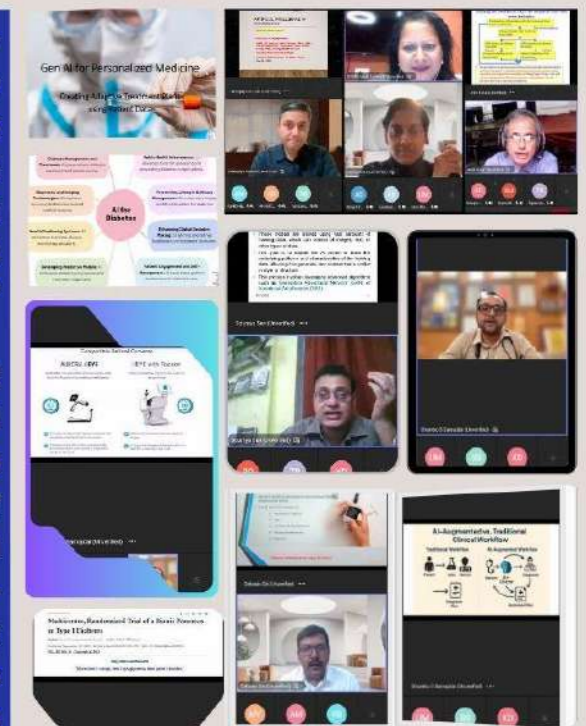
Prof. Amitabha Bhattacharjee and Prof. Sanjoy Sarkar participated in a five-day workshop on "Environmental Aspect of Green Energy and EV Integration in Electrical Grid", organized by the Department of Electrical Engineering, National Institute of Technology (NIT) Mizoram, held from 10th to 14th November 2025.

The workshop provided valuable insights into sustainable energy practices, environmental challenges, grid modernization, and emerging trends in electric vehicle integration. Their participation will greatly contribute to enriching our department's academic and research activities in the areas of renewable energy and smart grid technologies.

Prof. Tamal Dutta and Prof. Sanjoy Sarkar participated in the ATAL Online 6-Day Faculty Development Programme (FDP) on "Med-Tech Challenges and Opportunities under the 'Make in India' Framework", organized for the first time by Future Institute of Engineering and Management, Kolkata, from 10th to 15th November 2025.

This inaugural FDP brought together renowned experts from premier institutions and healthcare organizations across India and abroad. The sessions covered a wide range of cutting-edge themes such as AI-driven medical diagnostics, brain-computer interfaces, neuro-motor rehabilitation, machine learning applications in healthcare, biomedical research methodologies, ethical considerations in medical technology, and next-generation affective computing systems.

The successful organization of this high-impact FDP marks a significant milestone for the institute, showcasing its commitment to fostering advanced research, innovation, and capacity building in emerging Med-Tech domains. The participation of our faculty members enriched their understanding of the latest technological developments and opened avenues for interdisciplinary collaboration and future research initiatives.



Prof. Tamal Dutta



Prof. Sanjoy Sarkar

