

## IEEE UP Section

The Institute of Electrical and Electronics Engineers, Incorporated (IEEE) is a non-profit corporation, incorporated in the state of New York on 16 March 1896. The purpose of the IEEE is to engage exclusively in scientific and educational activities within the meaning of Section 501(c)(3) of the Internal Revenue Code of 1986, as amended, directed toward the advancement of the theory and practice of electrical, electronics, communications and computer engineering, as well as computer science, the allied branches of engineering and the related arts and sciences, which benefit the engineering profession and the public.

As authorized by the IEEE Board of Directors, the IEEE Member and Geographic Activities Board (known as IEEE Regional Activities Board prior to 1 January 2008) approved the establishment and boundaries of the IEEE Uttar Pradesh Section on 11 May 1992. The Uttar Pradesh Section conducts activities that assist the local IEEE members in enhancing their professional careers and their communities.



IEEE UP SECTION EXECUTIVE COMMITTEE 2025

## In the Spotlight >>>

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4. Apr-Jun IEEE UP Section Conferences
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5. Students Branch activities
6. Participation of IEEE UP Section in Events




## IEEE UP SECTION Conferences 2025

1. ISCON, 5 - 6 September 2025
2. ICRITO, 18 - 19 September 2025
3. UPWIECON, 30 - 31 October 2025
4. SMART, 14 - 15 November 2025
5. UPCON, 13-15 December 2025

### CALL FOR ARTICLES

Share your volunteering story in the IEEE UP Section Newsletter and inspire others while boosting your visibility!

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### IEEE UP SECTION NEWSLETTER

Volume 09 | Issue 03 | Sept 2025

25 Sept 2025

Submit here!!

## IEEE UP SECTION ADVISOR AND MENTOR'S MESSAGE

Dear Values Readers of IEEE UP Section,

I am pleased to know that second issue of year 2025 of IEEE Uttar Pradesh Section is being published. Being IEEE Uttar Pradesh Section at my heart, I congratulate to everyone who contributed to this significant milestone especially Section Chair Prof Yogesh K Chauhan, Immediate Chair Satish K Singh, Prof Asheesh K Singh, Prof J Ramkumar, Prof Rehan and many others.

I have witnessed the tremendous growth of IEEE UP Section for a long time. I applaud every member of the IEEE UP Section for their outstanding achievements and persistent commitment for the collective success. Furthermore, the continued growth and impact of the IEEE UP Section are directly attributable to the active support and enthusiastic participation of each member. Your engagement fuels our progress and enables us to reach new heights.

This second quarter newsletter of 2025 is a testament to our collective dedication and celebration of continued success. It depicts the activities of the section during April-June 2025. I eagerly anticipate the insights within Vol. 9, Issue 2, and remain confident in the IEEE UP Section's ongoing contributions to technological advancement and the betterment of our society.

Congratulations once again on this remarkable achievement.

Sincerely,



**Prof. Sri Niwas Singh**

Director, ABV-IIITM Gwalior, India  
(On Leave from Professor (HAG), IIT Kanpur  
E-mail: [snsingh@iitk.ac.in](mailto:snsingh@iitk.ac.in), [director@iiitm.ac.in](mailto:director@iiitm.ac.in)

## IEEE UP SECTION CHAIR'S MESSAGE

Dear Readers,

It is with continued pride and enthusiasm, I bring you the latest edition of the IEEE UP Section Newsletter – Volume 9, Issue 2, chronicling the remarkable progress and events from April to June 2025.

I have witnessed the tremendous growth of IEEE UP Section for a long time. I applaud every member of the IEEE UP Section for their outstanding achievements and persistent commitment for the collective success. Furthermore, the continued growth and impact of the IEEE UP Section are directly attributable to the active support and enthusiastic participation of each member. Your engagement fuels our progress and enables us to reach new heights.

You will find updates on ongoing activities, inspiring student-led events, and strengthened ties with industry partners each reinforcing our commitment to foster a thriving ecosystem of learning, innovation, and knowledge sharing across the region.

I would like to sincerely thank every individual who has contributed to these accomplishments. Your unwavering dedication continues to drive the IEEE UP Section forward, upholding our mission and vision.

As you explore this edition, I hope you will feel the same sense of inspiration and purpose that fuels our community. Let us keep striving—advancing technology for humanity, nurturing future leaders, and building meaningful collaborations that make a lasting impact.

Thank you for being an integral part of our journey.

With warm regards and appreciation,



**Yogesh Singh**  
IEEE UP Section Chair, 2025–2026



## IEEE UP Section Organizes Workshop on Conference Quality and Management

The IEEE Uttar Pradesh Section organized a focused workshop on **Conference Quality and Management** on May 24, 2025, at Noida Institute of Engineering & Technology (NIET), Greater Noida. The event, tailored for **PANELS OF CONFERENCE ORGANIZERS (POCO)**, brought together experienced academicians and IEEE UP Section officials to strengthen understanding and execution of high-quality conference practices.

The workshop addressed a comprehensive range of topics essential for successful conference organization. Key sessions included IEEE conference application form processing, timeline and milestone planning, financial management and sponsorship acquisition, committee formation and delegation of responsibilities, and maintaining ethical standards, with special emphasis on plagiarism prevention and academic integrity.





## IEEE UP Section Organizes Workshop on Conference Quality and Management

The IEEE UP Section gratefully acknowledges the valuable contributions of its distinguished patrons—Prof. S.N. Singh, Prof. Yogesh Singh Chauhan, Prof. J. Ramkumar, Prof. Asheesh K. Singh, Prof. Mohammad Rihan, Prof. Tiwari Prabhakar, and Prof. Ekram Khan—whose expertise and perspectives enriched the discourse and guided participants.

Special thanks are due to the organizing chair, Prof. Tiwari Prabhakar, and Prof. Varun Kakran for their thoughtful planning and efficient execution of the workshop.

The IEEE UP Section appreciates the enthusiastic participation of all attendees, whose active engagement made the event a meaningful success. The Section remains committed to enhancing the quality of academic conferences and will continue offering resources and platforms that promote excellence in scholarly engagement.





# Decarbonizing Energy Systems: A Seminar on Achieving Net-Zero Targets

The IEEE UP Section's Green Energy Net Zero and Sustainability (UP-GENS) Working Group-2025, under the leadership of Prof. (Dr.) Mohammad Rihan, successfully hosted a one-day seminar on "Decarbonization of Energy Systems for Achieving Net Zero Targets." The event brought together thought leaders, academicians, and researchers committed to accelerating the transition towards a low-carbon future.

Dr. S. N. Singh, Director of ABV-IIIT Gwalior, graced the seminar as the Chief Guest. In his address, he emphasized the indispensable role of academia in supporting India's sustainability and net-zero goals. He advocated for robust policy frameworks, interdisciplinary research, and enhanced collaboration between academia and industry as key enablers of climate action.



Prof. J. Ramkumar from IIT Kanpur delivered an insightful session on the technological and systemic changes needed to drive decarbonization. He stressed the urgency of climate action and highlighted the power of frugal innovation and interdisciplinary cooperation in transforming the energy sector.

Complementing this vision, Prof. Asheesh K. Singh of MNIT Allahabad presented practical strategies for integrating renewable energy sources, improving grid resilience, and scaling energy storage technologies. His talk bridged the gap between policy, research, and real-world implementation, reinforcing the need for cohesive efforts to achieve national and global net-zero targets.

The seminar attracted active participation from academia and industry, creating a vibrant space for exchanging ideas and fostering actionable solutions. It underscored the need for collective innovation and sustained dialogue to combat climate change.

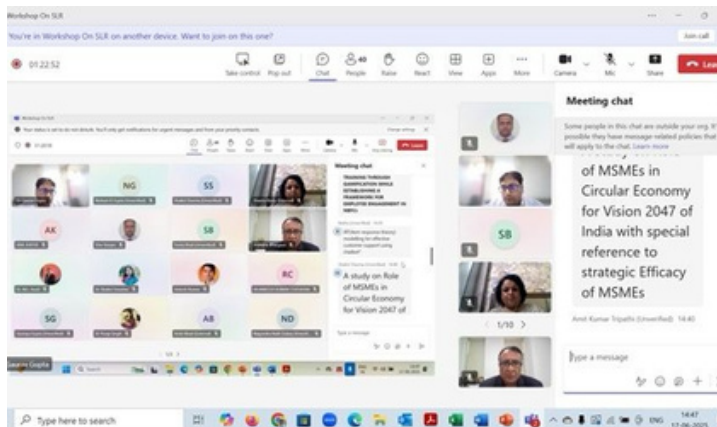
IEEE UP-GENS remains steadfast in its mission to promote sustainable energy practices and advance the discourse on green transformation through impactful engagements.



# AUGN Events Inspire Research Excellence, Well-Being, and Environmental Awareness

Amity University Greater Noida Campus recently hosted a series of impactful events, promoting academic excellence, holistic wellness, and environmental sustainability.

A Two-Day Workshop on Systematic Literature Review (SLR) was conducted on 17th–18th June 2025, offering valuable insights into the structured research process. The workshop delved into key components of SLR such as formulating precise research questions, defining inclusion/exclusion criteria, and navigating reputed scholarly databases like Scopus and Web of Science. Participants actively engaged in hands-on sessions with AI-powered tools including Litmaps and SciSpace, gaining practical skills to enhance research quality and efficiency. The workshop drew participation from faculty members, research scholars, and students from AUGN and neighboring campuses. It was organized by Dr. Garima Bhardwaj, Head, PhD Programs, and Dr. Shubhi Gupta, Conference Organizing Chair.

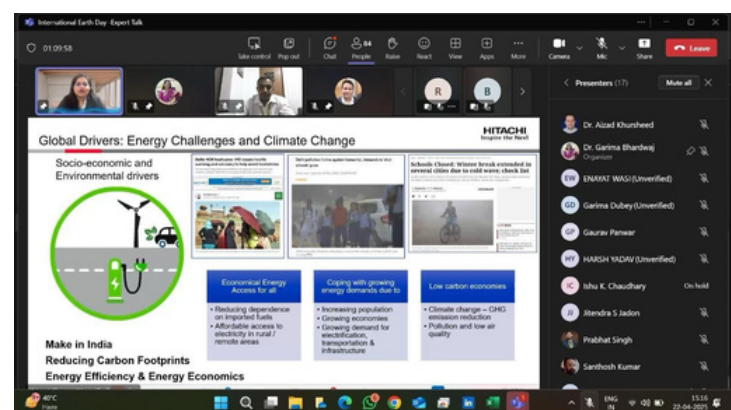


In celebration of Ayushman Bharat Divas, the Management Domain in collaboration with the Corporate Resource Centre (CRC) hosted a wellness session led by wellness expert Mr. Shiv Ranjan. The session highlighted the benefits of everyday herbs and spices in boosting immunity and promoting well-being. Practical demonstrations enabled participants to explore natural approaches to stress management and health enhancement.

Additionally, the Expert Talk on Tech & Business held on 25 June brought thought leadership on entrepreneurship and technological innovation to the forefront, rounding off a highly enriching quarter for the IEEE community at HBTU Kanpur.



On International Earth Day, the campus welcomed Dr. Shivani Sharma from Hitachi Energy India for a Green Talk organized under the IEEE GENZ banner. Dr. Sharma provided compelling insights into Green Energy and Net-Zero transitions, inspiring students to adopt sustainable practices and innovate for a greener future.



These events underscore AUGN's dedication to academic rigor, health consciousness, and environmental stewardship.



# IEEE Student Branch at HBTU Kanpur Conducts Tech, Wellness & Career-Oriented Events

The IEEE Student Branch at HBTU Kanpur curated a diverse series of impactful events from April to June 2025, fostering technical excellence, industry exposure, and personal well-being among students.

As part of Resonance'25, held on 19–20 April 2025, the campus witnessed engaging technical sessions and robotics competitions. The first day featured an insightful Expert Talk at R.K. Auditorium, followed by the thrilling BotStacle Race and BotSoccer Blitz at the Electrical Engineering Department, showcasing students' creativity in autonomous robotics. On the second day, another Expert Talk was organized, complemented by Simuthink, a MATLAB simulation-based challenge that tested analytical and coding capabilities.



In June, the focus shifted toward IEEE Power Electronics Day and career development through a

series of online sessions. Between 16–21 June, a lineup of Alumni Talks, a Placement Talk, and a Workshop on Electric Vehicles (EVs) provided valuable insights into emerging technologies and career pathways. The Webinar on EV Battery Systems and accompanying quizzes further deepened technical understanding.

The month also emphasized physical and mental well-being through the 21-Day Yoga Challenge (1–21 June), encouraging daily practice among participants. The initiative concluded with a dedicated Surya Namaskar Event on 21 June to mark International Yoga Day.



Additionally, the Expert Talk on Tech & Business held on 25 June brought thought leadership on entrepreneurship and technological innovation to the forefront, rounding off a highly enriching quarter for the IEEE community at HBTU Kanpur.

**PRESENTS**

**1st IEEE Uttar Pradesh Section Women in Engineering International Conference (UPWIECON 2025)**

Theme: Electrical Electronics and Computer Engineering

**Date: 30th-31st October 2025, Venue: Dehradun, India**

**Research Paper/Articles/Manuscripts Submission Deadline: 30th August 2025**

SCAN ME

For Paper Submission scan QR Code

All Accepted and Presented Papers of the Conference by duly Registered Authors will be submitted to IEEE Xplore Digital Library for Inclusion.

website: <https://www.nielit.ac.in/upwiecon2025/>

**Conference Record #67212**

Note: One of the authors must be a female

For more queries, write to us at [ieeeconference@nielit.ac.in](mailto:ieeeconference@nielit.ac.in) or Call us at: +91 96503 39961, +91 9910719256



# National Workshop on Metamaterial Antennas and Applications Concludes at IIT Kanpur

The Department of Electrical Engineering, IIT Kanpur, in collaboration with the Defence Research and Development Organisation (DRDO), successfully organized a three-day national workshop on “Metamaterial Antennas and Applications” from April 18-20, 2025. Conducted under the aegis of the DRDO-Industry-Academia Centre of Excellence (DIA-CoE), the event was co-sponsored by Keysight Technologies, Agmatel, Rohde & Schwarz, Anritsu, IEEE UP Section, IEEE APS SBC, and IEEE UP Chapter.

The inaugural ceremony featured Shri L. C. Mangal, DS & DG(TM), DRDO HQ, as Chief Guest, alongside Prof. Tarun Gupta (Dean R&D), Prof. Yogesh Singh Chauhan (Head, Electrical Engineering & IEEE UP Chair), and Shri Sanjay Tandon (Director, DIA-CoE). Shri Mangal also delivered a keynote lecture on “Multifunctional RF Devices and Systems,” highlighting applications in both defense and civilian domains. The inaugural ceremony featured Shri L. C. Mangal, DS & DG(TM), DRDO HQ, as Chief Guest, alongside Prof. Tarun Gupta (Dean R&D), Prof. Yogesh Singh Chauhan (Head, Electrical Engineering & IEEE UP).

Chair), and Shri Sanjay Tandon (Director, DIA-CoE). Shri Mangal also delivered a keynote lecture on “Multifunctional RF Devices and Systems,” highlighting applications in both defense and civilian domains.

Coordinated by Prof. Raghvendra Chaudhary and Prof. Kumar Vaibhav Srivastava, the workshop comprised 13 technical sessions with eminent speakers from IITs, DRDO, and BEL. Participants visited advanced facilities including the Microwave Lab, mmWave Research Lab, EMI/EMC Lab, MedTech Lab, and Airstrip facility. A concurrent exhibition showcased cutting-edge equipment such as D-band measurement systems, VNAs, and spectrum analyzers.

The event fostered vibrant discussions on metamaterials, smart antennas, metasurfaces, and modern communication systems, encouraging collaboration among academia, industry, and defense research. With its blend of expert talks, hands-on exposure, and industry interaction, the workshop significantly contributed to advancing research and innovation in next-generation antenna technologies.



## UP Section's DEIS Chapter Begins with Vision, Announces Premier Summer School at IIT Kanpur

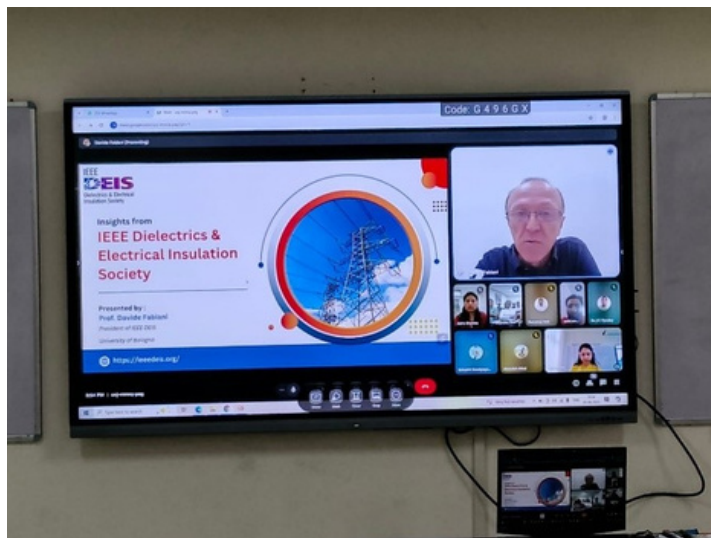
The IEEE Dielectrics and Electrical Insulation Society (DEIS) UP Section Chapter was officially inaugurated on June 5, 2025, in a hybrid mode. The event was attended by chairpersons of various IEEE Society and Branch Chapters of the UP Section, who shared their vision and motivated the participants to excel in the evolving field of dielectrics and electrical insulation.

Dr. Nandini Gupta, Chairperson of the IEEE DEIS UP Section Chapter, welcomed the attendees. The inaugural address was delivered by Dr. Davide Fabiani, President of the IEEE DEIS Society, who emphasized the importance of collaboration and knowledge exchange in dielectric research. Senior IEEE UP Section leaders including Dr. Yogesh Chauhan, Dr. M. Jaleel Akhtar, Dr. Kumar Vaibhav Srivastava, and Dr. Gururaj also addressed the gathering. The session concluded with a vote of thanks by Dr. Asha Sharma, Secretary of the Chapter.



The newly formed chapter comprises a strong team of office bearers and executive committee members from reputed institutions such as IIT BHU, IIIT Allahabad, CCS University, and IIT Kanpur.

As a major upcoming initiative, the chapter proudly announces the IEEE DEIS Summer School 2025, to be held from September 20–25, 2025, at



IIT Kanpur. This intensive, week-long program will explore cutting-edge topics in Insulating and Multifunctional Dielectrics. Designed for postgraduate students and early-career researchers, the summer school aims to provide deep insights into the current challenges, future directions, and interdisciplinary nature of dielectric materials and insulation systems.



Participants will benefit from expert lectures, research-oriented workshops, and group discussions aimed at identifying viable research problems. They will also have an opportunity to present their own research proposals. The most promising proposal will receive a cash prize and citation, encouraging innovation and critical thinking.

With this initiative, the IEEE DEIS UP Section Chapter sets a strong precedent for nurturing academic excellence and collaborative research in electrical insulation and dielectric materials.



## Driving Excellence in Engineering: IEEE Student Branch REC Sonbhadra in Action

The IEEE Student Branch at Rajkiya Engineering College Sonbhadra actively fosters a vibrant culture of innovation, research, and technical excellence. Through expert talks, international lectures, and competitions, it empowers students to engage with global technology trends and develop essential 21st-century skills.

In April 2025, the branch hosted a high-impact Expert Talk on "Low Power Smart Electronics for IoT" under the IEEE Virtual Speakers Bureau. The session, delivered by Dr. Sreelal S. Pillai, Scientist/Engineer-G at ISRO-VSSC, attracted over 80 participants from electronics and computer science backgrounds. Dr. Pillai shared insights on low-power system design, emerging sensing technologies, and aerospace applications, offering live demonstrations and real-world examples from ISRO missions.



Following this, an International Expert Lecture on April 21 featured Prof. (Dr.) Ciro Rodriguez Rodriguez from Universidad Nacional Mayor de San

Marcos, Peru. Addressing over 90 attendees, the lecture explored the intersection of AI, sustainability, and public welfare through global case studies and ISO frameworks. It provided participants with a valuable international perspective on innovation and governance.

Furthering its mission of innovation, the branch organized IDEATHON'25, a national-level ideation competition, on May 19, 2025. In collaboration with GDG On Campus and the

RECS Innovation, Incubation & Entrepreneurship Foundation, the event brought together 70+ multidisciplinary students. Participants proposed impactful solutions across domains like climate change, women safety, agriculture, and open innovation. Winning teams received cash prizes and mentorship for further development.

These initiatives underscore the IEEE Student Branch's commitment to empowering students with knowledge, global exposure, and practical experience—preparing them to become the innovators and leaders of tomorrow.



# JIIT Noida Hosts Webinar on Liquid Antennas

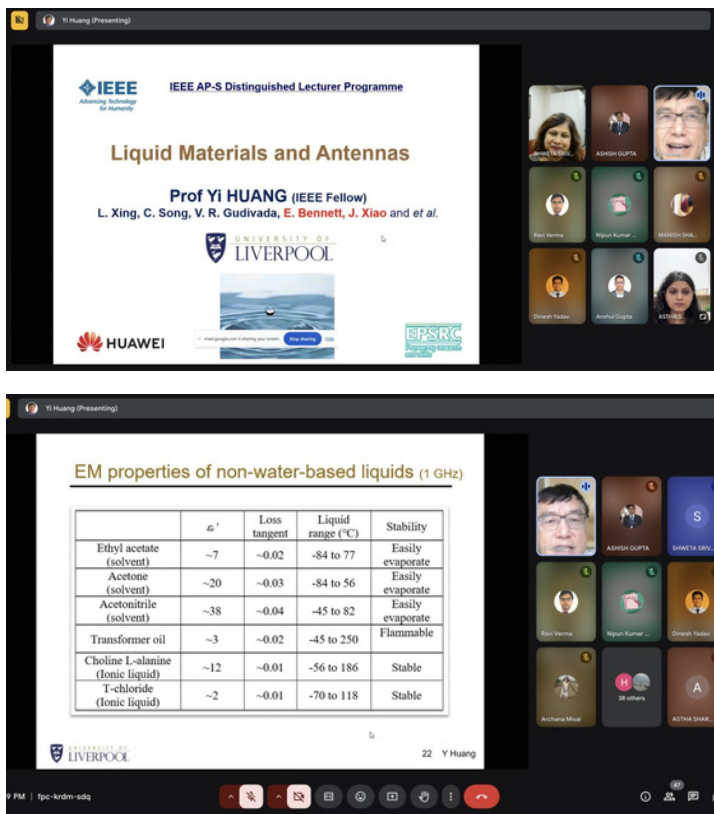
An enlightening online seminar on “Liquid Antennas for Wireless Communication” was successfully conducted on 30th May 2025, from 1:30 PM to 3:00 PM (IST). The session was delivered by Prof. Yi Huang, Professor at the University of Liverpool, UK, and a globally recognized authority in antenna research. Organized in virtual mode, the seminar was attended by over 60 participants, including faculty members, students, and researchers.

Prof. Huang provided deep insights into the working principles, design methodologies, and technological advancements of liquid antennas. He emphasized their relevance in next-generation wireless communication systems due to their design flexibility, tunability, and reconfigurability. The session also discussed practical limitations and challenges associated with liquid-based antennas. The objective of the seminar was to introduce participants to the emerging concept of liquid antennas, highlighting their unique properties,

material considerations, and application potential in modern wireless technologies. Prof. Huang also showcased current research trends and demonstrated the applicability of liquid antennas in real-world scenarios. The session concluded with a lively Q&A segment, where participants engaged directly with the speaker to gain further technical clarity.

- Key takeaways included:
- Enhanced understanding of liquid antenna theory and design.
  - Exposure to cutting-edge research and development in wireless communication.
  - Improved analytical and design capabilities related to antenna systems.
  - Motivation to pursue further research in advanced antenna technologies.

Overall, the session served as a valuable knowledge-sharing platform, fostering academic curiosity and encouraging innovation in the rapidly evolving field of wireless communication.





## CHRIST NCR Hosts ICNDSA 2025 and Strategic Research FDP Under IEEE UP Section

CHRIST (Deemed to be University), Delhi NCR Campus, Ghaziabad, marked a significant academic milestone by successfully organizing two impactful initiatives during April–June 2025 under the IEEE UP Section. These included the International Conference on NextGen Data Science & Analytics (ICNDSA 2025) and a two-week Faculty Development Programme (FDP) focused on research excellence and institutional advancement.



Held on 12 April 2025, ICNDSA 2025 highlighted cutting-edge interdisciplinary research in data science and analytics. The conference attracted 186 global paper submissions, with only 28 selected through a rigorous peer-review process—resulting in a competitive 15% acceptance rate. The presence of an International Advisory Board comprising over 25 distinguished scholars from 15+ countries elevated the event's global reach. Keynote addresses by Dr. Amir H. Gandomi (University of Sydney) and Dr. Vishnu Pendyala (San Jose State University) enriched the discussions with global perspectives.

Following the conference, a comprehensive FDP was held from 16–30 June 2025 on the theme “Strategic Priorities for Institutional Advancement.” The first week focused on themes such as research funding, doctoral outputs, SDG-aligned curriculum, and internationalisation. In the second week, emphasis was placed on collaborative research. Faculty members worked in thematic clusters, producing tangible outcomes—6 externally funded research proposals, 9 research papers, and 8 copyright applications.



These events highlight PSIT's strong commitment to promoting new ideas in education, encouraging global discussions, and supporting student success through its collaboration with IEEE.

These academic initiatives were led by Dr. Bosco Paul Alapatt, Dr. Vandana Sharma, Dr. Manjula Shanbhog, Dr. Ramesh C. Poonia, and Dr. Kamal Upreti. Their collaborative efforts continue to position CHRIST NCR as a hub for innovation and research-led education, in close partnership with the IEEE UP Section.





# IEEE REC Banda: A Quarter of Learning, Innovation, and Environmental Action

The IEEE Student Branch (STB11533) at Rajkiya Engineering College Banda conducted a series of impactful events between April and June 2025, reflecting its commitment to interdisciplinary learning, technical excellence, and environmental stewardship.

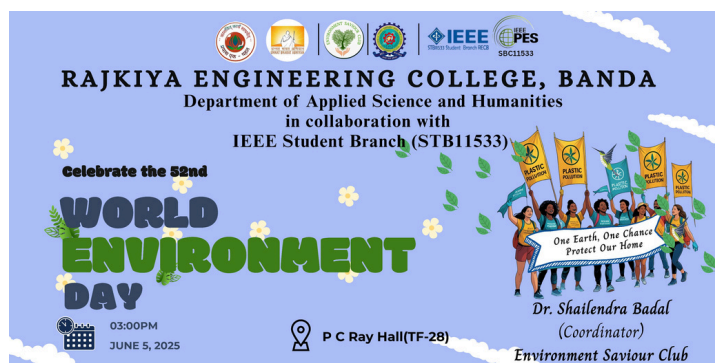
The quarter began with an Expert Talk on “Importance of Vaastu” on 19 April, where Shri Rajvir Singh delved into the convergence of traditional Vaastu principles and modern engineering, emphasizing sustainability and holistic well-being.

From 21 to 25 April, the branch hosted a One-Week Online Faculty Development Program on “Advanced AI Development and Research Challenges.” Delivered via Google Meet, the sessions covered cutting-edge topics such as AI ethics, machine learning, and deep learning. Esteemed speakers included Prof. J.P. Pandey, Dr. Vibhas Yadav, and experts from Dr. A.P.J. Abdul Kalam Technical University.

On the same day as the Vaastu talk, the PES Day and Earth Day Celebrations featured insightful lectures on renewable energy by Prof. Mohd Rihan (NISE) and Prof. Asheesh Kumar Singh (MNNIT Prayagraj), accompanied by quizzes and panel discussions.

A Five-Day Graphic Designing Workshop (10–14 May) empowered students with skills in visual design, color theory, and poster creation, culminating in a portfolio showcase.

In observance of World Environment Day (5 June), a tree plantation drive, poster-making contest, and slogan writing activity were held under the theme “Ek Dharti, Ek Avsar.” Keynote addresses were delivered by Dr. Shailendra Badal, Prof. Shiv Prasad Shukla, and Dr. Pushpendra Singh.



These initiatives exemplify IEEE REC Banda’s dedication to blending technical growth with creative expression and environmental consciousness.



# Bridging Minds and Machines: Celebrating Innovation, Inclusion, and Impact at UPES with IEEE WIE and SPS

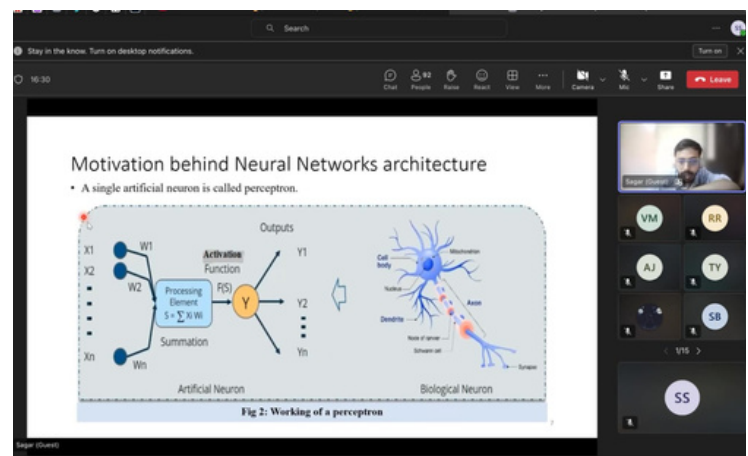
The University of Petroleum and Energy Studies (UPES) witnessed a vibrant season of innovation, empowerment, and technical excellence as two major IEEE student groups—the Women in Engineering (WIE) Affinity Group and the Signal Processing Society Student Branch Chapter (SPS SBC)—hosted a series of impactful events between April and June 2025.

The journey began on April 9, 2025, with the IEEE Awareness Seminar by Mr. Ranbir S. Sedhey, IEEE International Client Services Manager. Titled “Unlocking IEEE: Building Awareness, Advancing Your Career Through Technical Writing, Scholarly Publishing & Smart IEEE Xplore Search Strategies,” the session empowered students with crucial academic tools. The day concluded with the Investiture Ceremony of newly elected IEEE core members.

The celebration continued on June 8 with IEEE SPS Day, marked by a keynote from Dr. Laxman Prasad, Ex-Adviser, DST, who delivered insights on “Signal Processing: Foundations and the Future Through Student Research.” This was followed by the FunTech Scribble Game, a creative tech-themed competition, and a Tech Talk by Dr. Sagar Deep Deb (IIT Bombay) on AI-driven biomedical image segmentation and classification.



From June 23 to 29, the IEEE WIE Week Celebration 2025 commemorated 25 years of IEEE WIE. Highlights included a lecture by Ms. Manvi Jha (University of Illinois), an Escape Room challenge, a powerful session on “Women in Tech” by Dr. Nazia Aslam, and a panel discussion on cybersecurity with industry-academic leaders. On June 27, the InnoWIEtion Diaries Podcast launched with Priya Ghodake (JP Morgan Chase), and the week concluded with Robo Xplore, a robotics workshop in collaboration with Robotics Club, IIT BHU.



Together, these events engaged over 400+ participants, fostering technical awareness, cross-disciplinary collaboration, and inclusive growth. Through dynamic lectures, discussions, and creative formats, IEEE WIE and SPS SBC at UPES continue to inspire the next generation of engineers and leaders.



# A Quarter of Innovation: Galgotia's University IEEE Hosts Tech Lectures, Hackathons & More

The IEEE Student Branch at Galgotias University (IEEE GU SB) has demonstrated a powerful commitment to innovation, empowerment, and sustainability through a series of dynamic events in 2025. These initiatives not only advanced technical learning but also promoted inclusivity and environmental consciousness—core tenets of the IEEE community.

Young Minds, held from April 2–4 under the ICCSAI Conference 2025, drew over 900 participants. The event featured 10 diverse sub-events including Tech Trivia, Imagix, Decode the Code, and Follow the Line, offering a stimulating platform for students to compete and collaborate in a vibrant tech environment.



On April 5–6, the CODEASTRA Hackathon brought together 800 budding innovators for a 36-hour coding marathon focused on ten cutting-edge technology domains. Organized by IEEE GU SB, the event fostered real-world problem-solving, creativity, and teamwork among participants.

The AI Bootcamp 2025, conducted on March 4–5 by the IEEE IAS Chapter, provided foundational to advanced insights into Artificial Intelligence. With 120 participants, the bootcamp featured notable

speakers including Sh. Partho Adhikari (NIELIT Delhi), Pawan Dwivedi, and Akash Behra, equipping students with essential AI competencies.

Celebrating International Women's Day, the Women in Workforce session on March 8, hosted by IEEE WIE GU, featured Mamta A Rajnayak (American Express). With 150 attendees, the event spotlighted women's leadership and growth in STEM careers.

Finally, on June 5, the Say No to Plastic drive marked World Environment Day with 80 participants advocating for sustainable practices and community awareness.



Together, these events reflect IEEE GU SB's holistic vision—bridging technology with responsibility to shape a brighter, inclusive, and sustainable future.

## TEAM ECIMA



Prof (Dr.) Asheesh K Singh  
Mentor ECIMA



Prof. S Vikram  
Singh



Prof. Krashnkant  
Gupta



Prof. Shubhi  
Gupta



Prof. Swati  
Vashisht



Prof. Kiranpreet



Prof. Sanjay  
Maurya



# AIIT Hosts TechSphere 2025 – A Hub for Student Innovation and Collaboration

The IEEE Student Branch of Amity University, Noida (STB07271), hosted TechSphere 2025 on 4th June 2025 at the Amity Institute of Information Technology, I-1 Block. The Student Project Symposium provided a platform for students to present their academic and research work, encouraging innovation, technical skills, and effective communication.

With participation from over 250 students, projects covered diverse areas including artificial intelligence, machine learning, IoT, sustainable technologies, and software development. Students showcased creativity and problem-solving abilities while addressing real-world challenges.

The event promoted interdisciplinary learning, with students exchanging ideas and receiving constructive feedback from faculty. This interaction helped refine projects and introduced participants to industry-relevant perspectives.

TechSphere 2025 reaffirmed AIIT's focus on bridging classroom concepts with practical applications. By fostering a culture of research, creativity, and collaboration, the symposium motivates students to explore new possibilities in technology and contribute meaningfully to society.




**Amity Institute of Information Technology**  
 Amity University, Noida, Uttar Pradesh




# TechSphere

## STUDENT PROJECT SYMPOSIUM



Certificate and letter of appreciation for winner.

Showcase. Innovate. Inspire. – Be a Part of TechSphere!

Platform for PG students to showcase dissertation research work and prepare poster of their research work in A1 size, font should be readable and pictorial representation of results. Opportunity for UG students with excellent projects (especially hardware-based) to participate.

**For submission of project, kindly contact your Faculty Guide.**

## 4<sup>th</sup> June 2025

Venue: I1 3<sup>rd</sup> floor  
Time: 11:00 AM



For more info



## PSIT Kanpur Organizes Events and Participated in IEEE activities.

The IEEE Student Branch at Pranveer Singh Institute of Technology (PSIT), Kanpur, continues to demonstrate its commitment to academic excellence and global engagement through two noteworthy events.

On June 7, 2025, the IEEE Computer Society Student Chapter at PSIT, in collaboration with the IEEE-PSIT Student Branch and IEEE WIE PSIT, successfully organized a Virtual Distinguished Lecture (DL) Program. The event featured Prof. Adel Elmaghraby, IEEE Fellow and distinguished academic from the University of Louisville, USA. He delivered a captivating lecture on AI, Digital Transformation, and Cybersecurity, offering deep insights into technological trends shaping the modern world. His global perspective and expertise engaged students and faculty alike, making the session an enriching experience for all participants. Special thanks are extended to IEEE and the IEEE Computer Society for their continued support and encouragement.

Adding another feather to its cap, a team of PSIT students represented the institute at the National

Conference on Virtual Labs hosted by IIT Kanpur on May 2–3, 2025. The students showcased a forward-thinking project on virtual lab-based learning, highlighting the role of remote experimentation in reshaping engineering education.

These events highlight PSIT's strong commitment to promoting new ideas in education, encouraging global discussions, and supporting student success through its collaboration with IEEE.





## IEEE UP Section Office Bearers 2025

Sr No.	Posititon	Name of Official
1	Chair	Dr. Yogesh S Chauhan
2	Chair-Elect	Dr. Md Rihan
3	Vice-Chair	Dr. Avadhesh Kumar
4	Secretary	Dr. RK Singh, IIT BHU
5	Treasurer	Dr. Raghvendra Chaudhary
6	Joint Secretary	Dr. Varun Kakar
7	Immediate Past Chair	Dr. Satish K Singh
<b>Advisors</b>		
8	Advisor-1	Dr. SN Singh, IIT Kanpur
9	Advisor-2	Dr. J Ramkumar, IIT Kanpur
<b>Committee Chairs</b>		
10	Membership Development	Dr. Akhilesh Tiwari, IIIT Allahabad
11	Awards and Recognition	Dr. Asheesh K Singh, MNNIT Allhabad
12	Professional Activities	Dr. Gaurav Mittal, DEAL Dehardun
13	Educational Activities	Dr. Twinkle Tripathy
14	Conference Activities	Dr. Varun Kakar, BTKIT Dwarhat
15	Humanitarian Activities	Dr. Arun Singh, REC Kannauj
16	Student Activities	Dr. Prabhakar Tiwari, MMMUT Gorakhpur
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