

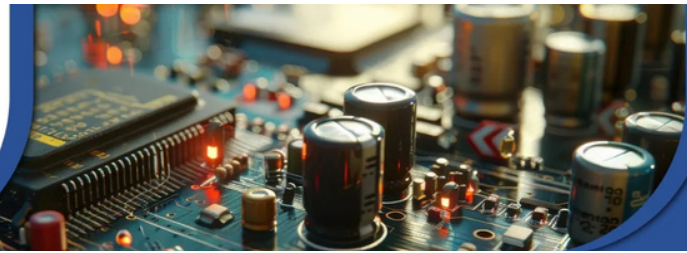


Institute of Professional Studies

THE ECE TELLER



DEPARTMENT OF
ELECTRONICS &
COMMUNICATION ENGINEERING



JAN-APR

2026

INDUSTRY • INNOVATION • CREATIVITY • RESEARCH

INDUSTRY & FACULTY ENGAGEMENT

SMOWCODE LEADERS TALK

24 JAN 2026

EMBEDDED DESIGN MEETS INDUSTRY

OVERVIEW

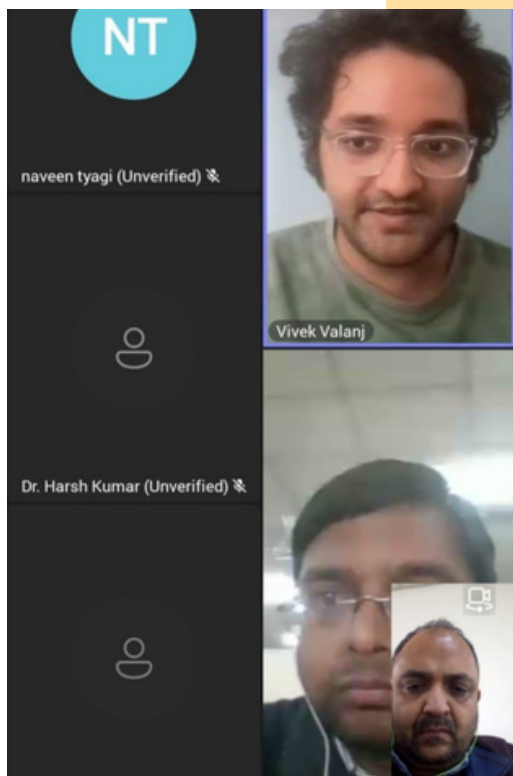
An online industry-oriented session connected embedded-system learning with current professional practice and highlighted the growing role of AI in embedded design.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- Embedded design techniques and industry practices
- Industry–academia interaction and practical exposure
- AI-assisted embedded design and upskilling



06 FEB 2026



GRAPHICAL CODING WEBINAR

SIMPLIFYING EMBEDDED DEVELOPMENT

OVERVIEW

SmowCode Pvt. Ltd. introduced faculty to browser-based graphical coding for embedded systems, demonstrating a faster visual workflow for peripherals, compilation and cross-MCU development.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- GPIO, UART, ADC, PWM, I2C, SPI, HTTP and MQTT
- Hybrid C + graphical coding and AI-assisted development
- Pre-tested libraries, memory optimization and MCU compatibility

Event Co-ordinator: Dr. Sanjay Sharma

UTKARSH 2026: TECHNICAL EXPRESSION

19 FEB 2026

Showcasing Innovation: Technical Presentations

IDEAS, INNOVATION & COMMUNICATION

OVERVIEW

Students presented technical ideas before a faculty panel, followed by Q&A and evaluation. The activity strengthened technical understanding, confidence and professional presentation skills.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- Timed technical presentations
- Interactive Q&A and conceptual clarity
- Faculty feedback on content and delivery

COORDINATORS

Mr. Naveen (Faculty)
Dimple, Mrunmai
(Students)



19 FEB 2026

Clash of Ideas: Tech Debate WHERE TECHNOLOGY MEETS ARGUMENT

OVERVIEW

Under UTKARSH 2026, students debated contemporary technology issues through structured rounds designed to test technical awareness, reasoning, rebuttal and public speaking.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- AI, 5G and automation among key themes
- Structured debate and open-forum rounds
- Research, argumentation and critical thinking



COORDINATORS

- Ms. Shivani (Faculty)
- Karan Jha (Student)

UTKARSH 2026: CREATIVITY & INNOVATION

The Digital Muse: AI Poetry Competition

19 FEB 2026

AI MEETS IMAGINATION

OVERVIEW

AI Poetry blended artificial intelligence with creative expression. Participants experimented with AI-generated text and refined it through human interpretation, emotion and originality.



KEY LEARNINGS AND TECHNICAL INSIGHTS

- Prompt engineering and AI text generation
- Experimentation with poetic styles
- Human refinement of AI-generated creativity

COORDINATORS

Ms. Shipra (Faculty)
Dev Joshi (Student)

19–20 FEB 2026



INNOVATION UNLEASHED: LOGIC RUSH 2026 HACKATHON

CODE SMART. THINK FAST. WIN BIG.

OVERVIEW

A multi-stage hackathon turned the ECE labs into an innovation arena, challenging participants to ideate, prototype and pitch technology solutions under tight deadlines.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- 338 registrations from 25+ colleges
- 80 advanced to development; 15 finalists
- Rapid prototyping, UI/UX, pitching and AI-assisted development

FACULTY COORDINATOR

- Ms. Ruchika Doda

STUDENT CORE TEAM

- Radhika Mittal
- Mayank Baliyan
- Siddhant Chakravorty

CO-ORDINATOR

DR RICHA MALHOTRA

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20 FEB 2026

AI POSTER MAKING VISUALIZING THE FUTURE WITH AI

OVERVIEW

Students translated AI concepts into compelling visual communication through a poster-making competition combining technology, creativity and design.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- 36 teams and 80 participants
- Judged on originality, visual appeal and AI relevance
- Creative use of AI tools supported execution



COORDINATORS

Mr. Ajay Kumar (Faculty)
Sumit Kumar, Kanishk Mishra
(Students)

28 FEB 2026

NEXT-GEN CYBER SECURITY SEMINAR

SECURING THE CONNECTED FUTURE

OVERVIEW

ECE students attended a seminar at The Institution of Engineers (India), Delhi State Centre, linking cybersecurity concepts with smart infrastructure and emerging digital threats.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- Cyber-physical systems, smart vehicles and smart grids
- Cybercrime and deepfake-based threats
- Cybersecurity policy and capacity building



Participation

19 ECE Second-Year Students

Prepared By

Manas Taneja (Asst. Prof)

RESEARCH & INDUSTRY EXPOSURE

Navigating Research: IEEE ASPP Expert Talk

23 MAR 2026

SMARTER RESEARCH WITH IEEE XPLORE OVERVIEW

An expert session led by Mr. Ritesh Kumar (EBSCO) designed to optimize how students and faculty utilize the IEEE Xplore Digital Library for academic research and discovery.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- Discovered time-saving features and advanced search techniques within IEEE Xplore.
- Mastered quick navigation of HTML articles to interpret complex research in under 60 seconds.
- Improved skills in browsing across subject-specific topics for comprehensive literature reviews.



FACULTY COORDINATOR
Mr. Vikas Varshney

09 APR 2026

ELECTRONICA & PRODUCTRONICA INDIA 2026

EXPLORING THE FUTURE OF ELECTRONICS

OVERVIEW



An industrial visit exposed ECE students to the electronics manufacturing ecosystem, global suppliers and emerging technologies across components, devices and complete systems.

KEY LEARNINGS AND TECHNICAL INSIGHTS

- 355 exhibitors from 19 countries
- Semiconductors, optics and product technologies
- AI/electric-driven electronics and industry interaction