



# NEWSLETTER

ISSUE: NOVEMBER 2025



### Departmental Vision

Developing competent professionals in Computer Science and Engineering, who can adapt to constantly evolving technologies for addressing industrial and social needs through continuous learning .

### Mission of the Department (CSE)

- **M1** Enrich students with sound knowledge in fundamentals and cutting edge technologies of Computer Science and Engineering to excel globally in challenging roles in industries and academics.
- **M2** Emphasize quality teaching, learning and research to encourage creative thoughts through application of professional knowledge and skill.
- **M3** Inspire leadership and entrepreneurship skills in evolving areas of Computer Science and Engineering with social and environmental awareness.
- **M4** Instil moral and ethical values to attain the highest level of accomplishment and personal growth.

### Program Educational Objectives (PEOS)

- **PEO1.** Graduates of Computer Science and Engineering program will have good knowledge in the core concepts of systems, software and tools for analysing problems and designing solutions addressing the dynamic requirements of the industry and society, while employed in industries or work as entrepreneurs.
- **PEO2.** Graduates of Computer Science and Engineering program will opt for higher education and research in emerging fields of Computer Science & Engineering towards building a sustainable world.
- **PEO3.** Graduates of Computer Science and Engineering will have leadership skills, communication skills, ethical and moral values, team spirit and professionalism.

### Program Specific Outcomes (PSO)

- **PSO1.** Students will have proficiency in emerging domains like artificial intelligence, data science and distributed computing to develop solutions through innovative projects and research.
- **PSO2.** Students will have capabilities to work in synergized teams to cater to the dynamic needs of the industry and society.

## ADVISOR



**Prof Dr. Ananya Kanjilal**

Head of the Department,  
Advisor

Department of CSE

## Editorial Team



Ishika  
Chowdhury



Ahana  
Maiti

"  
In the era of  
technology,  
ideas become reality  
through innovation,  
intelligence, and code."  
"

### From the Editorial Desk

The Department of Computer Science and Engineering proudly presents this edition of the Department Newsletter. This issue highlights the department’s academic activities, technical initiatives, student achievements, research contributions, and various co-curricular engagements throughout the semester from June to November 2025.

The department witnessed several workshops, coding competitions, seminars, industry interactions, and innovation-driven activities that encouraged learning, creativity, and professional growth among students. The remarkable accomplishments of both students and faculty members reflect our commitment to excellence and continuous development.

We hope this edition inspires every learner to innovate, collaborate, and strive for greater success in the ever-evolving field of technology.



### CSE at a Glance

**20+**  
Placement Recruiters

**400+**  
SIH Participants

**700+**  
Smart Coder Participants

**22+**  
College Participated

**200+**  
Seminar Attendees

**12+**  
Publications



“Programs must be written for people to read.”

— Harold Abelson

**Volume I: 2025**

**Issue: November 2025**

## ACADEMIC & TECHNICAL EVENTS

Expert Talks | Seminars | Academic Initiatives | Knowledge Sharing

The Department of Computer Science and Engineering actively organized and participated in various academic and technical events to encourage innovation, industry exposure, skill development, and awareness of emerging technologies among students.

### Five-Day ATAL FDP on Green IoT and AI

28th July to 1st August, 2025

The Department of Computer Science and Engineering successfully organized a five-day Faculty Development Program (FDP) on “Green IoT with AI for Sustainable Growth of the Society” from 28th July to 1st August, 2025 at B. P. Poddar Institute of Management & Technology. The programme was inaugurated by the Principal of the institute and the Head of the Department of Computer Science and Engineering, along with chief guest Prof. Swapan Bhattacharyya.

The FDP featured insightful sessions by eminent speakers including Dr. Sourav Chakraborty (ISI Kolkata), Prof. Adrish Banerjee (IIT Kanpur), Dr. Sarbani Roy (Jadavpur University), and Dr. Ritajit Majumdar (IBM Research). The programme concluded with an industrial visit to IEST Shibpur, providing participants with practical exposure to advanced technological applications and research facilities.

### Industry Visit to Euphoria Genx

30th August, 2025

The Industry Institute Partnership Cell (IIPC), in collaboration with the Department of Computer Science and Engineering, organized an industry visit to Euphoria Genx on 30th August 2025 for the 3rd year students. The visit provided valuable exposure to industry practices and real-world applications through professional interaction and learning experiences.



### Grow with Purpose (GwP) Session by TCS

10th September 2025

The Department of Computer Science and Engineering organized the launching session of Grow with Purpose (GwP), a skill intervention program under the Tata Consultancy Services (TCS) Youth Employment Program (YEP), on 10th September 2025 at the institute Seminar Hall.

The session provided students with valuable mentorship from experienced TCS business leaders, helping enhance industry readiness, professional skills, and career confidence.





SMART INDIA HACKATHON

# TECHNICAL ACTIVITIES & INNOVATION EVENTS

Innovation, technical excellence, and hands-on learning continue to inspire the CSE community. Here are some of the major technical activities and events conducted during the semester.



## IGNITE 2025



Students of the Department of Computer Science and Engineering participated in IGNITE 2025, a one-day Student Technical Workshop organized by the West Bengal State Power Engineers Association (WBSPEA) on 30th August 2025 at Vidyt Bhavan. The event brought together participants from over 25 engineering colleges, providing a platform for technical learning, networking, and innovation.



## Smart Coder 2.25

Students of the Department of Computer Science and Engineering actively participated in Smart Coder 2.25, held during **12th-13th September 2025**, a flagship competitive coding contest focused on placement-oriented problem solving and coding skills. The event witnessed enthusiastic participation from students across various institutes, providing an excellent platform for technical learning, competitive programming, and real-world coding experience.



## SIH Internal 2025



Students of the Department of Computer Science and Engineering actively participated in the Smart India Hackathon (SIH) BPPIMT Internal 2025, held on **23rd September 2025** at the BPPIMT VIP Campus. The event witnessed enthusiastic participation with over 400 students and 72 teams from various departments. Despite adverse weather conditions, students participated online and showcased innovative ideas, creativity, and strong problem-solving skills throughout the event.





# Moments of Excellence

Celebrating the achievements, dedication, and excellence of our students and faculty who continue to bring pride to the Department of Computer Science and Engineering.

## Hackolution 2.25 July 2025



A team of students from the Department of Computer Science and Engineering — Prottoy Bhandary, Olivia Sikder, and Priyunshu Saha, secured the 2nd Prize at the IEM Hackolution Hackathon. The team was recognized for developing an innovative solution on the topic “Decentralised Smart Invoice Platform for Merchants.”

## BAH 2025 August 2025



Team HACKANESH from the CSE dept - Soumili Saha, Soumyajit Pramanik, and Pushkar Mondal, participated in the Grand Finale of the Bharatiya Antariksh Hackathon (BAH) 2025, organized by ISRO at NRSC, Hyderabad on 7th–8th August 2025. The team secured a position among the Top 30 finalists out of 8,744 submissions across India and ranked among the Top 2 teams for their problem statement with their AI-based project DRISHTI.

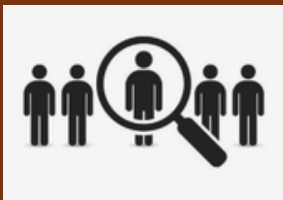


## SAP Placement Achievement



The Department of Computer Science and Engineering proudly congratulates Ahona Bhattacharyya, Ankita Baidya, Meenakshi Sharma, Shreya Gupta, and Shuvechha Nandi from the B.Tech 2025 batch for securing placements at SAP Labs. This remarkable achievement reflects their dedication, perseverance, and technical excellence. The department extends its best wishes to them for a successful professional journey ahead.

## PLACEMENT



25+ RECRUITERS



DIVERSE JOB PORTFOLIO



RISING PLACEMENT RATE



GLOBAL TECH ENGAGEMENT

“Opportunities don't happen. You create them.”

— Chris Grosser



# RESEARCH AND PUBLICATIONS

Pioneering new frontiers through impactful research and scholarly contributions.

## 1 Student Publications

1. Navoneel Dey - Health Hub: AI Diagnosis, Ambulance Booking, and Expert Doctor Recommendations in One Seamless App, International Journal of Scientific Research in Engineering and Management, September 2025.

DOI: [10.55041/IJSREM52546](https://doi.org/10.55041/IJSREM52546).

2. Suryanshu Paul, MS Jagadeesh-Deep Learning-Based Attention-Guided Framework for Multi-Source Diabetic Retinopathy Screening. [Paper Status: under review]

## 2 Faculty Publications



- Health Hub: AI Diagnosis, Ambulance Booking, and Expert Doctor Recommendations in One Seamless App. September 2025, DOI: [10.55041/IJSREM52546](https://doi.org/10.55041/IJSREM52546).

“

“The important thing is to never stop questioning.”

— Albert Einstein

”

## Conference Publications

- Ahona Bhattacharyya, Meghna Gupta, Arpan Ghosh, Mayukh Mandal, and Ananya Kanjilal  
“User-Driven Multimodal Sentiment Analysis”  
presented at the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, July 2025 (In Press).
- Sayandip Bhattacharyya, Bikromaditya Mondal, and Subhasis Mallick  
“BestNet”  
presented at the IEEE International Conference on Computing, Intelligence, and Application (CIACON 2025), Durgapur, July 2025.
- Sayandip Bhattacharyya, Bikromaditya Mondal, and Rajarshi Chowdhury  
“GreenNet”  
presented at the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, July 2025 (In Press).
- Kuheli Banik and Amlan Raychaudhuri  
“Intelligent Fall Detection with Optical Flow and LSTM Ensuring Safety Through Vision-Based AI”  
presented at the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, July 2025 (In Press).
- Snigdha Chandra, Sayandip Bhattacharyya, and Amlan Raychaudhuri,  
“GlaucNet: A Novel and Computationally Sustainable Glaucoma Detection System”  
presented at the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, July 2025 (In Press).
- Suryanshu Paul and Gopal Sharma  
“Ionospheric TEC Anomalies Detection using LSTM Autoencoder Analysis: A Case of 2010 El Mayor-Cucapah Earthquake”  
presented at the ISG-ISRS National Symposium 2025.
- Subhasish Das, Adrija Ghosh, Navoneel Dey, Oindrilla Mishra, Poulami Sarkar, and Sabuj Bhattacharya  
“Intelligent Crop Monitoring: An IoT and Machine Learning Approach to Disease Detection and Remediation”,  
presented at the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, July 2025 (In Press) .
- Gitosree Khan, Shreya Banerjee, Navoneel Dey, Archak Nath, and Sheeran Condo  
“A LLM-Based Test Script Generation Framework for Acceptance Testing of Mobile Applications”  
presented at the 2nd International Conference on Artificial Intelligence & Sustainable Computing (AISC 2025), Kolkata, July 2025 (In Press).

GLOBAL  
CONTEXTNEXT-GEN  
PROCESSING

## Tech Horizons

### QpiAI-Indus

*India launched its first indigenous 25-qubit quantum computer under the National Quantum Mission.*

### Generative AI

*Rapid advancements in Generative AI and LLMs expanded applications in coding, healthcare, and automation.*

### AI Chips

*Next-generation AI processors enhanced machine learning, cloud computing, and high-performance computing.*

### Space Tech

*Breakthroughs in satellite imaging and space technology improved communication, climate monitoring, and research.*

## Tomorrow's Technology

### Quantum Computing

*Advancements are needed to build faster, scalable, and more reliable quantum systems for real-world applications.*

### Ethical Artificial Intelligence

*Future research must focus on developing secure, transparent, and unbiased AI technologies.*

### Cybersecurity

*Stronger cybersecurity solutions are essential to protect digital systems, data privacy, and online infrastructure.*

**“The best way to predict the future is to invent it.”**

**— Alan Kay**

*Thank you.* 

for being a part of our journey!  
Your support inspires us every day.

Our team's hard work is the fuel of our success.  
Every innovative idea and dedicated effort  
contributes to our vibrant culture.

Together, we **explore**, **create**, and **inspire** the future.



Together  
We Innovate.  
We Inspire.  
building lasting change.



## Trivia Corner

- The **Apollo 11** guidance computer had less processing power than a modern calculator.
- The **first webcam** was created at Cambridge University to monitor a coffee pot.
- **CAPTCHA** stands for Completely Automated Public Turing Test to Tell Computers and Humans Apart.
- A **quantum computer** can theoretically perform calculations in minutes that may take classical supercomputers thousands of years.
- The **internet weighs** about 50 grams when measured by the energy stored in its electrons.

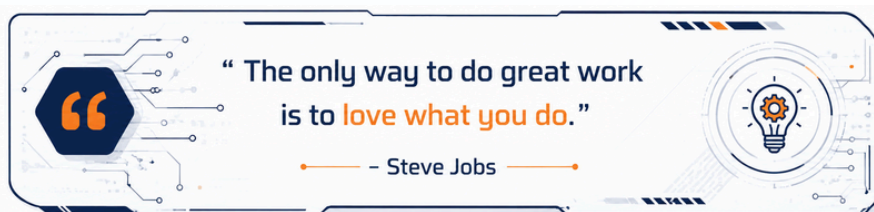


## CALL FOR CONTRIBUTIONS

Students, faculty, and staff of the Department of Computer Science and Engineering are invited to share articles, achievements, photos, and creative works for the next issue.

Send your entries to:

[hod-cse@bppimt.ac.in](mailto:hod-cse@bppimt.ac.in)



GET IN TOUCH



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W.B

THANK YOU FOR READING!

Stay curious. Keep innovating. See you in the next issue!