



B.P. PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY

Department of Computer Science and Engineering

VOLUME: II
ISSUE: MAY 2025

✦ **Newsletter** ✦



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.

Departmental Mission

- 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
- Emphasize quality teaching, learning and research to encourage creative thoughts through application of professional knowledge and skill
- Inspire leadership and entrepreneurship skills in evolving areas of Computer Science and Engineering with social and environmental awareness
- Instill moral and ethical values to attain the highest level of accomplishment and personal growth.



Head of the Department,
Professor, Advisor:
Dr Ananya Kanjilal

EDITORS:

SOUVIK DEY
SRITAMA SENGUPTA

Program Educational Objectives (PEOs)

- ❑ 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.
- ❑ 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.
- ❑ Graduates of Computer Science and Engineering will have leadership skills, communication skills, ethical and moral values, team spirit and professionalism.

Program Specific Outcomes (PSO)

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

In this Newsletter you can expect

- ❑ Editorial Note, Vision & Mission
- ❑ Academic & Technical Activities
- ❑ Achievements and Publications
- ❑ Fun Corner and Highlights

EDITORIAL NOTE

The Department of Computer Science and Engineering, B. P. Poddar Institute of Management and Technology, proudly presents the -Newsletter (MAY-2025). This edition encapsulates the department's achievements and events during the second half of the academic year 2024–25— from technical seminars and industry collaborations to cultural festivities and social initiatives. It stands as a testament to our unwavering pursuit of knowledge, innovation, and holistic development.



Academic and Technical Activities

8th MAY, 2025

Tech Talk on Modern DSA, Software Architecture & Gen-AI

The Department of Computer Science & Engineering at B.P. Poddar Institute of Management & Technology organized a industry talk in collaboration with Industry Institute Partnership Cell (IIPC) on “**Tech Talk on Modern DSA, Software Architecture & Gen-AI**” on 8th May 2025. The 2nd-year students participated with great interest, making the session both interactive and enriching. Experts from Clifav Technologies Pvt. Ltd. shared their valuable insights on the latest trends in software development and AI. The talk helped students connect academic learning with real-world applications and understand how the industry works.

BP PODDAR INSTITUTE OF MANAGEMENT & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Tech Talk on Modern DSA, Software Architecture & Gen-AI

Where the **Aspiring Techies** meets the **Industry Experts**

Venue: C-Block Auditorium | Date & Time: Thursday, 8 May 2025 4pm - 5pm

KEY SPEAKERS:
Bappaditya Dutta
Full Stack Dev / Software Architect - 12 Years
TCS / IBM / FORD
Puskar Das
Data Architect / Data Engineer - 15 Years
TCS - Microsoft Azure
Sayantan Mukhopadhyay
Software Architect / Java / Node - 9 Years
IBM / EV
Sayoni Sarkar
Frontend Architect / UI/UX - 9 Years
TCS

Clifav TECHNOLOGIES PVT. LTD.
Includes 12 Slides

6th & 11th March, 2025



Lecture on NoSQL with MongoDB for the Database Management Systems

On 6th March and 11th March 2025, the Industry Institute Partnership Cell (IIPC) and Department of Computer Science and Engineering of B. P. Poddar Institute of Management and Technology (BPPIMT), Kolkata, organized a gap lecture on NoSQL with MongoDB for the Database Management Systems (DBMS) course. The session was conducted by Ardent Computech Pvt. Ltd., who provided an in-depth overview of NoSQL database and their growing importance in handling large volumes of unstructured data. The speaker explained the key differences between SQL and NoSQL databases, emphasizing the scalability, flexibility, and performance advantages of using NoSQL solutions like MongoDB.



STUDENTS AWARDS AND ACHIEVEMENTS



CSE 3rd yr student **Arin Sen**, part of the winning team “ARES” at ESPECTRO25, techfest of Kalyani Govt. Engineering College KGEC on March 25, 2025. They won 1st position at Ro-Soccer and 3rd position at Ro-Turbulence

Women’s throwball team became **Runners-Up** in **Inter College Throwball tournament** held at ILead campus, March 2025. Team comprised of CSE students **Shreya Dhar** (CSE 4th yr), **Arpita Roy** (CSE 3rd yr), **Anjali Kumari** (CSE 3rd yr), **Soumi Maji** (CSE 2nd yr)



Ayusi Dey, CSE 3rd yr secured an offer for Software Dev Engineer Intern from Amazon



CSE 3rd yr students **Arjun Datta** and **Chandrasish Bhattacharya** won the 1st prize in RoboRace, at Manthan TechFest organized by Dr. Sudhir Chandra Sur Institute of Management and Technology on 19th & 20th March



CSE students **Arjun Datta, Chandrasish Bhattacharya, Kaushiki Mandal, Soumili Saha, Rachit Jaiswal, Akashat Ojha** winners in the event Line Follower Robot at the JISTech2K25 on 26th March, 2025.



LIST OF STUDENTS QUALIFIES FOR HIGHER STUDIES



Sayak Sen
GATE (DA)
GATE (CS)



Kiran Chakrabarti
GATE(CS)



Kumar Souvik
Chatterjee
GATE(CS)



Rohan Sen
GATE(CS)



Atanu Ghosh
GATE(CS)



Sougata Maity
GATE(CS)



Ipsita Mitra
GATE(CS)



Debmalya
Chattopadhyay
GATE(CS)



Pankaj Goel
(CMAT)

LIST OF FACULTY PUBLICATIONS

Arnab Kumar Ghoshal, **Nabanita Das**, Soham Das, and Subhankar Dhar, “Minimizing spread of misinformation in social networks: a network topology based approach”, Social Network Analysis and Mining, Springer, Vol. 15, Article No. 15, March 2025 (**Scopus**)

Amit Khan, Dipankar Majumdar, **Bikromaditya Mondal**, “A hybrid transformer based model for sarcasm detection from news headlines”, Journal of Intelligent Information Systems, (**Science Citation Index Expanded**, impact Factor 2.3), 2025.

<https://doi.org/10.1007/s10844-025-00941-9>

Amit Khan, Dipankar Majumdar, **Bikromaditya Mondal**, “Sentiment analysis of emoji fused reviews using machine learning and Bert”, in Scientific Reports (**Science Citation Index Expanded**, impact Factor 3.8), **15**, 7538, 2025.

<https://doi.org/10.1038/s41598-025-92286-0>

Chanda, R., Chanda, A., **Chanda, J.** (2025). A Holistic Approach to the Prediction of Football Matches Using Machine Learning. In: Chaki, R., Cortesi, A., DasGupta, S., Saha, S. (eds) Smart Systems and Wireless Communication. SSWC 2024. Smart Innovation, Systems and Technologies, vol 433. Springer, Singapore.
https://doi.org/10.1007/978-981-96-1348-9_3



FACULTY ACHIEVEMENT

Prof. B. N. Chatterji, Professor Emeritus, former Dean Academics of B P Poddar Institute of Management and Technology has been awarded a life time achievement award by IIT Kharagpur at their 70th Convocation Ceremony on 30th December, 2024.



BYTE SIZED WONDERS



There are only 10 types of people in the world—those who understand binary and those who don't



Email Is Older Than the Web 📧 Email was invented before the World Wide Web—communication came first, browsing came later.



Modern smartphones run on operating systems like Android, which contain millions of lines of code



The very first website, created by Tim Berners-Lee, is still online today—simple, plain, but historic



Despite all advances, “123456” and “password” are still among the most commonly used passwords worldwide