

Reflection of Head of The Department

It is with great pleasure that the Department of Computer Applications presents the September 2025 issue of our newsletter, "COMMUNE" for the academic session 2024–25.

Our students showcased their creativity and spirit through the Teacher's Day program "Gurudakshina." This year, we also launched our departmental hackathon, Catalyst 2025, on 26th August 2025, aimed at inspiring students to actively participate in the Smart India Hackathon (SIH) and similar innovation-driven initiatives.

As the Head of the Department, I extend my heartfelt gratitude to the Coordinator of this issue, as well as to all faculty members, non-teaching staff, and students, for their dedication and collective effort in bringing this edition to life. Their hard work truly reflects the collaborative spirit and excellence that define our department.

Dr. Ashoktaru Pal

Associate Professor & HOD

Department of Computer Applications

Future Institute of Engineering and Management

Sonarpur, Kolkata-700152

MB No- 8820320388

Email Id- ashoktaru.pal@teamfuture.in

Visit us at: <https://futureeducation.in/fiem/>



Faculty Achievement

Dr. Ashoktaru Pal, Associate Professor & HOD, has attended an FDP on "Industry 4.0: Readiness, Skills and Future Directions" at MCKV Institute of Engineering, Liluah, Howrah, West Bengal, from 22nd September 2025 to 26th September 2025.



Prof. Bidisha Patra, Assistant Professor, successfully completed a Two-Week Short-Term Course on "Responsible & Trustworthy AI with ML Applications" organized by IIT Roorkee from 8th September to 19th September 2025 and attended a 5-Day Online FDP on "Industry 4.0: Readiness, Skills and Future Directions" organized by MCKV Institute of Engineering from 22nd September to 26th September 2025.

Prof. Kushal Kumar Roy, Assistant Professor, has attended an FDP on "Industry 4.0: Readiness, Skills and Future Directions" at MCKV Institute of Engineering, Liluah, Howrah, West Bengal, from 22nd September 2025 to 26th September 2025.



Prof. Shreyasi Bhattacharya, Assistant Professor, participated in two Faculty Development Programs (FDPs): "Industry 4.0: Readiness, Skills and Future Directions" at MCKV Institute of Engineering, Howrah from 22nd September to 26th September 2025, and "Advances in Deep Learning for Medical Imaging and Disease Diagnosis (DL-MIDD 2025)" at Sambalpur University, from 14th September to 19th September 2025.

Achievement of Students

Debopriya Ghosh, a student of the 2025–29 BCA batch (1st Semester), attended the *One Day Seminar on “From Memes to Machines: How AI Shapes Our World”* on 11th September 2025.



Rajeswari Bhattacharyya, a student of the 2025–29 BCA batch (1st Semester), participated in *Gurudaxina* and *Saampan* events held on 10th September 2025.

Rajdeep Dutta, a student of the 2025–29 BCA batch (1st Semester), attended a seminar on 11th September 2025 and another seminar on 28th September 2025.



Souhardya Pal, a student of the 2023–27 BCA batch (5th Semester), represented the institution in *Smart India Hackathon (SIH 2025)* from 1st September 2025 to 16th September 2025, and successfully completed *Industrial Training* from 12th September 2024 to 11th September 2025.

Debanshi Mukherjee, a student of the 2025–29 BCA batch (1st Semester), attended the *One Day Seminar on “From Memes to Machines: How AI Shapes Our World”* on 11th September 2025.



Joyjeet Ghosh, a student of the 2025–29 BCA batch (1st Semester), achieved the *Alumni Connect Tech Talks Seminar Attendance Certificate* on 20th August 2025.

Tanisha Supriya, a student of the 2024–26 MCA batch (3rd Semester), attended a seminar on *“Role of AI in Scientific Writing”* organized by *Springer Nature* on 1st September 2025.



Gurudaxina 2025: Teachers' Day

Gurudaxina
A Teachers' Day Celebration by Accolades

It's time to give back to the teachers who give so much! Come celebrate the incredible support of our teaching staff with us.

COME AND BE A PART OF THIS WONDERFUL TRIBUTE ON

SEPTEMBER 4TH 2025
CA DEPT TOP FLOOR
11.00 AM



Internal Hackathon for SIH, 2025, FIEM



FUTURE INSTITUTE OF ENGINEERING AND MANAGEMENT
 Conducting Internal Hackathon for SIH 2025
 Date: 16/09/2025
 Venue: S-C Hall
 Time: 09:30 A.M.

FIEM Future Institute of Engineering and Management

Think • Innovate • Create • Compete
<https://www.sih.gov.in/>



SIH 2025 TEAM MENTOR LIST						
Sl No.	Team Name	Team Leader	Contact No.	PS-1	PS-2	Mentors
1	The Rebounders	Aritra Chatterjee	7439218251	Smart Crop Advisory System for Small and Marginal Farmers (SIH25010)	Real life solutions for Waste Management. (SIH25060)	KR
2	Tech Yuva	Pritam Rudra	6296127452	Smart Classroom & Timetable Scheduler (SIH25028)	Blood Bank Management System (SIH25131)	SB
3	Matrix Breakers	Mainak kahali	8777631065	Centralised Digital Platform for Comprehensive student activity record in HEIs (SIH25093)	Digital Platform for Centralized Alumni Data Management and Engagement (SIH25017)	SA
4	Solution Makers	Sounak Dutta	8617751413	AI-Based Internship Recommendation Engine for PM Internship Scheme (SIH23034)	Student Innovation - Women safety Analytics - Protecting women from safety threats (SIH25132)	BP
5	Technologia	Suvranil Malik	9432337972	AI-Based Crop Recommendation for Farmers (SIH25030)	Student Innovation - Security Management through face detection on crowded place, AI can surveillance (SIH25135)	ATP
6	Codenova	Ankan Patra	7439033095	Smart Traffic Management System for Urban Congestion (SIH25050)	Develop a blockchain-based system for botanical traceability of Ayurvedic herbs, including geo-tagging from the point of collection (farmers/wild collectors) to the final Ayurvedic formulation label. (SIH25027)	BP
7	Parser's Squad	Gourab Banerjee	6289623468	Smart Classroom & Timetable Scheduler (SIH25028)	Automated Student Attendance Monitoring and Analytics System for Colleges (SIH25016)	SBH
8	Compilers	Arghadip Nandi	8368923744	Smart Crop Advisory System for Small and Marginal Farmers (SIH25010)	Automated Attendance System for Rural Schools (SIH25012)	SB
9	Tech Deva	Sonia Saha	8100351925	Smart Community Health Monitoring and Early Warning System for Water-Borne Diseases in Rural Northeast India (SIH25001)	Automated Student Attendance Monitoring and Analytics System for Colleges (SIH25016)	KR
10	The Binary Brain	Sandip Dutta	7439600676	Student Innovation - Traffic and road based complain system (SIH25135)	Student Innovation - Medicine Donation (SIH25132)	IP
11	Grand Tech Algorithm	Sagnik Saha	7980188955	ERP-based Integrated Student Management system (SIH25103)	Gamified Environmental Education Platform for Schools and Colleges (SIH25009)	KJ
12	Code Crashers	Subhajt Mondal	8617299317	Gamified Learning Platform for Rural Education (SIH25048)	Smart Crop Advisory System for Small and Marginal Farmers (SIH25010)	EM
13	Data Navigators	Atreyee Roy	9674124048	Gamified Environmental Education Platform for Schools and Colleges (SIH25009)	Smart Tourist Safety Monitoring & Incident Response System using AI, Geo-Fencing, and Blockchain-based Digital ID (SIH25002)	SBS
14	Explore X	Tuilika Ghosh	6290415724	Digitize and Showcase Monasteries of Sikkim for Tourism and Cultural Preservation (SIH25061)	Student Innovation - Ideas that showcase the rich cultural heritage and traditions of India (SIH25130)	IP
15	Code Dynamic	Aman Thakur	9163286396	Student Innovation - Provide ideas in a decentralized and distributed ledger technology used to store digital information that powers cryptocurrencies and NFTs and can radically change multiple sectors (SIH25127)	Student Innovation - A solution/idea that can boost the current situation of the tourism industries including hotels, travel and others. (SIH25137)	KJ
16	Byte Busters	Bristi Bag	8100221150	Digital Platform for Centralized Alumni Data Management and Engagement (SIH25017)	Digitize and Showcase Monasteries of Sikkim for Tourism and Cultural Preservation (SIH25061)	SA

Think Innovate Create Compete

<https://www.sih.gov.in/>

Faculty Achievement



Mr. Sagar Shikari, Teaching Assistant, has participated in a Faculty Development Program on “*Industry 4.0: Readiness, Skills and Future Directions*” organized by **MCKV Institute of Engineering and Management**, Liluah, Howrah, West Bengal, from **22nd September 2025 to 26th September 2025**.

List of Groups of Participating Students from CA Department in FIEM Internal Hackathon for SIH, 2025

SIH-2025 Result		
Selected Teams		
SIH-ID	Team Name	Team Members
SIH202519	Tech Deva	Soniya saha (Team Leader) with Chirodeep Dutta, Niladri mondal, Sayan Das, Soumodip ghosh & Ankon Roy as Team Members.
SIH2025016	The Binary Brains	Sandip Dutta (Team Leader) with Chetan Saha , Dipatina Das, Gitanjali Monda , Reshmi Chakraborty & Sagnik Roy as Team Members.
SIH2025015	Matrix Breakers	Mainak Khali (Team Leader) with Soham Das, Rudra Naskar, Ankita Das, Abhik Roy & Arijit Sardar as Team Members.
SIH2025018	Technologia	Shuvronil Mallick (Team Leader) with Annessh Deb, Ayushi Das , Shuvam Sanati , Wasif Biswas & Ritwika Naskar as Team Members.
SIH2025030	The Rebounders	Aritra Chatterjee (Team Leader) with Tity Dasgupta, Aditeo Basu, Niladri Pal, Prasanta Das & Abhinandan Das as Team Members.
SIH2025017	Solution Makers	Sounak Dutta, (Team Leader) with Rima Sen, Ankita Debnath, Ipsita Das,Sreelekha Biswas & Sanjukta Kar as Team Members.

Newsletter of The Department of Computer Applications

Editorial Board Members:

Ghanashyam Das (2024 - 2026 MCA Batch), Rupsha Chowdhury (2024 - 2028 BCA batch)
Pritam Rudra (2024 - 2026 MCA Batch), Tanisha Supriya (2024 - 2026 MCA Batch),

Advisory Board Members:

Prof. Indrajit Pal, Prof. Emeli Mukherjee, Prof. Amit Kumar De