

CSE@GNIT Bulletin

2025 - 26

Department of Computer Science & Engineering

ISSUE

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Message from Principal's Desk



Guru Nanak Institute of Technology (GNIT), established in 2003 under the Guru Nanak Educational Trust, is a premier institution of the JIS Group Educational Initiatives. Affiliated with Maulana Abul Kalam Azad University of Technology (MAKAUT) and approved by AICTE, UGC, NAAC (A+), and NBA, GNIT offers undergraduate, postgraduate programs in engineering and technology. The institute became autonomous in 2016 and is the first private engineering college in West Bengal to achieve NAAC A+ accreditation. Located in North Kolkata, GNIT provides a modern, student-friendly campus with advanced laboratories, smart classrooms, digital library facilities, sports infrastructure, and innovation centres. The institute promotes an eco-friendly, plastic-free, smoking-free, and ragging-free environment that supports the holistic development of students. With around 2,000 students, GNIT combines strong academic foundations with practical learning through project-based education, internships, industry collaborations, cloud computing, High-Performance Computing (HPC), and state-of-the-art research facilities. GNIT actively promotes research and innovation through AICTE MODROB, DST, SERB, and MOFPI funded projects, along with entrepreneurship initiatives under the Institution's Innovation Council (IIC).

With its emphasis on academic excellence, research, innovation, and professional development, GNIT continues to prepare competent engineers, researchers, and future leaders capable of meeting global challenges.

Prof. (Dr.) Swarup Kumar Mitra
Principal, Guru Nanak Institute of Technology, Kolkata

Message from HOD's Desk



It is my pleasure to present this edition of the **CSE@GNIT Bulletin**, highlighting the achievements, innovations, and academic activities of the Department of Computer Science & Engineering. This newsletter reflects our commitment to quality education, research, and the holistic development of our students.

Our department continuously strives to provide an excellent learning environment through modern teaching practices, technical events, industry interactions, research initiatives, and skill development programs. We are proud of the accomplishments of our students and faculty, whose dedication continues to bring recognition to the department.

I congratulate everyone who has contributed to these achievements and thank our faculty, students, alumni, and industry partners for their continued support. I hope this newsletter inspires all readers and encourages us to pursue greater heights of excellence.

Prof. (Dr.) Suman Bhattacharya
Head of the Department
Department of Computer Science & Engineering
Guru Nanak Institute of Technology

Message from Editor's Desk



Welcome to the Editor's Desk of the **CSE@GNIT Bulletin**. It is a pleasure to present another edition highlighting the achievements, innovations, and vibrant activities of the Department of Computer Science and Engineering, Guru Nanak Institute of Technology. This newsletter reflects the department's continuous pursuit of academic excellence, research, innovation, and holistic student development.

Within these pages, you will discover highlights of technical workshops, seminars, conferences, faculty and student achievements, research contributions, industry collaborations, placement success, and various departmental events. Each accomplishment represents the dedication, creativity, and teamwork of our students and faculty members. We hope this edition inspires our readers, celebrates our collective journey, and strengthens the spirit of learning and innovation that defines the CSE department. We look forward to sharing many more milestones and success stories in the editions to come.

Ms. Paramita Sarkar
Assistant Professor
Chief Editor, CSE@GNIT Bulletin
Department of Computer Science & Engineering
Guru Nanak Institute of Technology

Departmental Vision

To produce proficient professionals of global standard with respect to industry, academia, and entrepreneurship who can play a key role in their respective domain and become a responsible citizen for the society.

Departmental Mission

DM-1: To impart quality education with holistic development to produce professionals with leadership traits.

DM-2: To impart knowledge on emerging technologies and entrepreneurship skills to produce technocrats of global standard and entrepreneurs.

DM-3: To promote interdisciplinary work culture and opportunity to work in a team through collaborative research and project work.

DM-4: To inculcate professional ethics and moral responsibility for a better society.

PEO

PEO 1: Our graduates will establish themselves as effective professionals in industry, academia and entrepreneurship.

PEO 2: Our graduates will become profound researchers in multiple domains.

PEO 3: Our graduates will act as a leader in society.

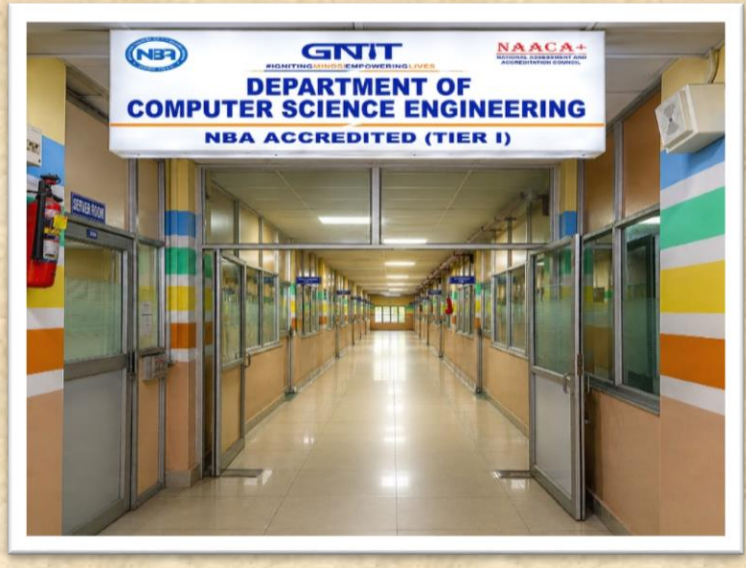
PROGRAMME SPECIFIC OUTCOMES (PSOS)

PSO 1: Ability to use efficient algorithm for designing and developing software applications and products.

PSO 2: Ability to correlate computer science and core engineering subjects to solve real life problems across multiple domains.

PSO 3: Ability to write code efficiently in competitive environment in national and international platform.

ABOUT THE DEPARTMENT



The Department of Computer Science and Engineering, established in 2003, stands out as a premier destination for academic excellence and research-driven learning. Widely recognized as a B.Tech in Computer Science College in Kolkata, the department offers a vibrant environment where students receive top-tier technical education alongside holistic personal development through various co-curricular and extra-curricular activities.

Ranked among the Top B.Tech CSE Colleges in Kolkata, the department provides students with a strong foundation in both theoretical knowledge and practical skills. Focus areas include the latest technologies such as Artificial Intelligence, Machine Learning, Cybersecurity, Cloud Computing, and Data Science. Students benefit from advanced laboratories, live projects, and industry collaborations, ensuring hands-on learning experiences. The department also fosters a robust research culture, encouraging students to publish research papers, work on innovative projects, and participate in departmental newsletters and technical magazines to enhance their analytical and communication skills.

As one of the Top Computer Science Engineering Colleges in Kolkata and counted among the best colleges for B.Tech CSE in India, the department is committed to producing graduates who are not only academically proficient but also equipped with leadership qualities, entrepreneurial mindsets, and a global perspective. Whether you are searching for the best colleges for B.Tech CSE, reputable B.Tech CSE colleges near you, or simply looking for a college that combines academic rigor with industry relevance, this department stands as a trusted choice.

Editorial Team

Editor

Ms. Paramita Sarkar, Assistant Professor, Dept. of CSE

Student Editors

Niladri Sarkar, 3rd Year, CSE, Student Editor

Nupur Ghosh, 3rd Year, CSE, Graphic Designer

Rajdip Ganguli, 3rd Year, CSE, Technical Content Scrutinizers

Rudrojyoti Manna, 3rd Yer Year, CSE, Technical Content Scrutinizers

Dipanjan Ganguly, 2nd Year, CSE, Technical Content Scrutinizers

Courses Offered (CAY: 2025-26)

Course Name	Duration	Intake
B.Tech	4 years	198
M.Tech	2 years	18

Contact us:

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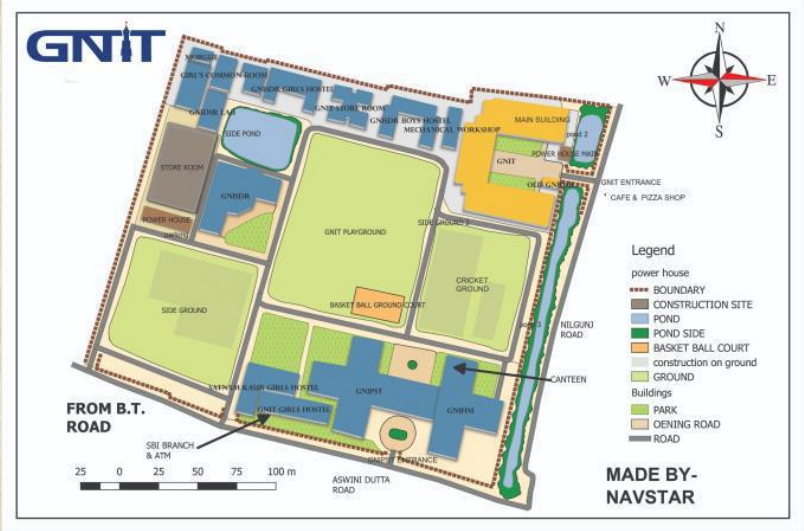
Phone: +91 33 2523 3900
Email: info.gnit@jisgroup.org
Website: http://www.gnit.ac.in



FDP Program organized by CSE department

FDP ON AI-POWERED CYBER SECURITY AND IPR STRATEGIES

The **Department of Computer Science & Engineering (CSE)** in collaboration with the institutional cells at **Guru Nanak Institute of Technology (GNIT)** successfully conducted an intensive Faculty Development Programme (FDP) titled **"AI-Powered Cyber Security: Advanced Methods, Emerging Technologies & IPR Strategies for a Sustainable Society"**. Spanning from **16 March 2026 to 21 March 2026**, this professional skilling initiative brought together educators, research scholars, and domain specialists at the GNIT campus in Kolkata. The comprehensive week-long program focused heavily on bridging advanced technical competencies with critical regulatory frameworks, diving deep into predictive machine learning models for threat intelligence, automation workflows in network infrastructure defense, and strategic Intellectual Property Rights (IPR) paradigms for emerging software systems. By engaging with industry-grade engineering frameworks, participating faculty members upscaled their pedagogical tools, ensuring the institution remains at the forefront of delivering industry-aligned technology education.







Faculty Achievements and Research Excellence

JIS Puruskar



Prof. (Dr.) Suman Bhattacharya



Prof. (Dr.) Mahamuda Sultana



Dr. Ipsita Saha



Dr. Srabani Kundu



Mr. Sourish Mitra



Dr. Mandira Banik

Honoured to receive the Faculty Award for the Highest Number of Research Publications, presented by the Principal at the JIS Puraskar Award Ceremony 2025 — a proud moment of academic and research excellence.

JIS INNOVATION AWARD



















The JIS Innovation Award recognizes faculty members for their outstanding contributions to research and academic excellence, based on the number of scholarly publications, including research journal articles, conference papers, books, book chapters, and other academic publications.

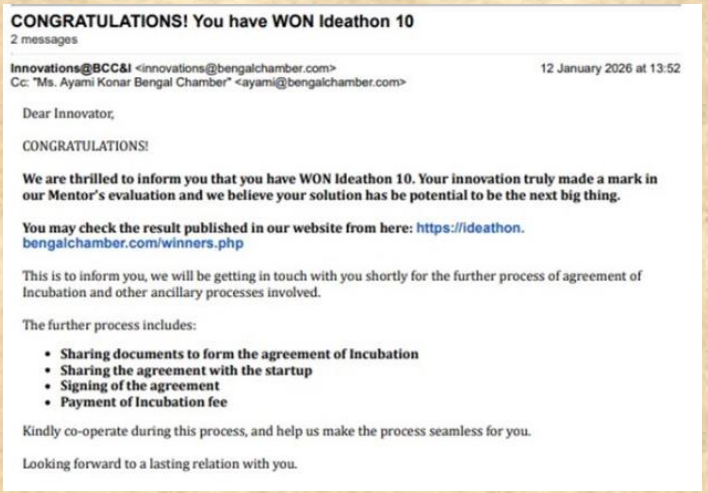
GNIT INDUSTRIAL EXPOSURE VISIT TO ARDENT COMPUTECH

Guru Nanak Institute of Technology (GNIT), Sodepur, organized a highly productive industrial visit to Ardent Computech Pvt. Ltd. at Salt Lake, Kolkata, on March 11, 2026, providing engineering students with direct exposure to corporate software development environments. Facilitated by the department faculty coordinators, the visit aimed to bridge the gap between academic theory and active technology standards, giving students a firsthand look at live IT infrastructure and professional workflows. During the intensive day-long session, corporate trainers and industry experts at Ardent engaged the students in interactive technical demonstrations covering cutting-edge domains such as full-stack web development, cloud architecture, and artificial intelligence frameworks. The field experience concluded with a comprehensive overview of upcoming industry internship modules and skill requirements, empowering the visiting batch from GNIT to align their ongoing academic projects with current market demands and corporate placement expectations.



STUDENT ACHIVEMENTS in Co-curricular Activity

- **Tiyasha Sen** (B.Tech CSE) achieved premier state-level recognition on **4 January 2026** by emerging as the **Winner of Ideathon 10**. She presented a breakthrough technological ecosystem framework titled *"Agrobotics AI"*, a highly competitive product development environment organized and evaluated by **Webel-BCC&I in collaboration with the Government of West Bengal**.



CONGRATULATIONS! You have WON Ideathon 10
2 messages

Innovations@BCC&I <innovations@bengalchamber.com> 12 January 2026 at 13:52
Cc: "Ms. Ayami Konar Bengal Chamber" <ayami@bengalchamber.com>

Dear Innovator,

CONGRATULATIONS!

We are thrilled to inform you that you have WON Ideathon 10. Your innovation truly made a mark in our Mentor's evaluation and we believe your solution has be potential to be the next big thing.

You may check the result published in our website from here: https://ideathon.bengalchamber.com/winners.php

This is to inform you, we will be getting in touch with you shortly for the further process of agreement of Incubation and other ancillary processes involved.

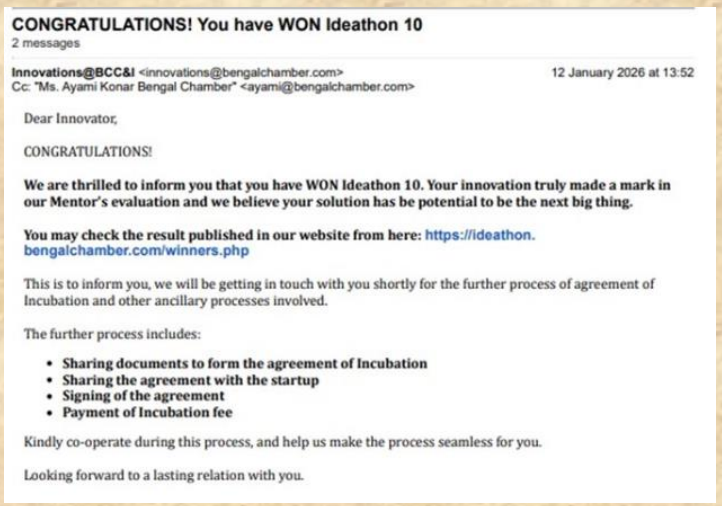
The further process includes:

- **Sharing documents to form the agreement of Incubation**
- **Sharing the agreement with the startup**
- **Signing of the agreement**
- **Payment of Incubation fee**

Kindly co-operate during this process, and help us make the process seamless for you.

Looking forward to a lasting relation with you.

- **Subhradeep Dey** (B.Tech CSE) secured long-term innovation success from **4 January 2026 to 4 April 2026** by being named the formal **Winner of Ideathon 10** for his work on the *"Agrobotics AI"* system. His collaborative development strategy for smart crop methodologies earned top placements in the engineering challenge organized by **Webel-BCC&I and the Government of West Bengal**.



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Looking forward to a lasting relation with you.

- **Srijit Bhattacharya**, **Sneha Majumder**, and **Snahasish Dey** (B.Tech CSE) demonstrated elite field dominance on 9 April 2026 by securing the 1st Position in the Civic Track at the **HackStorm** Hackathon. The trio engineered highly responsive governance and utility prototypes during the event, which was organized and hosted by the B.P. Poddar Institute of Management & Technology.









- **Srijit Bhattacharya, Sneha Majumder, and Snahasish Dey** (B.Tech CSE) continued their collaborative competitive streak on **11 May 2026** by achieving the **13th Position overall and placing among the Top 20 Teams at the INNOVATEX Hackathon**. Their system implementation and design parameters were evaluated against strong regional teams by **GSA MAKAUT**
- **Srijit Bhattacharya, Sneha Majumder, and Snahasish Dey** (B.Tech CSE) capped off a remarkable semester on **30 May 2026** by qualifying as national-level **Finalists at the IDEATEX Ideathon**. They successfully pitched technical prototype layouts to expert panels during the sprint organized by the **GDG Heritage Institute of Technology**.

- **Joydeep Bera** (B.Tech CSE) completed an intensive cross-disciplinary software road mapping track throughout early 2026. He participated in the **IIT Kharagpur Kascade Webinar** on **29 January 2026**, successfully achieved an **AI Tools Certification from Be10x on 8 February 2026**, and concluded his program by finishing **Deloitte's specialized national Cyber Security, Technology, and Data Analytics Job Simulations** on **4 February 2026**



- **Sourya Ghosal** (B.Tech CSE) displayed outstanding early-career competitive drive from **9 January 2026 to 10 February 2026**. The first-year cub advanced to the final regional rounds and **presented a technical design paper** at the national-level **CMR Hackfest 3.0**, organized by the **CMR Institute of Technology**



- **Arjun Shaw** (B.Tech CSE) certified his competencies in commercial enterprise structures from 19 January 2026 to 20 January 2026. He actively completed the Microsoft Azure Cloud Architecture Workshop, an industrial skilling track organized by Microsoft Learn in collaboration with FICE.



- **Abhishek Sharma** (B.Tech CSE) set a foundation for competitive programming on 7 January 2026. He completed the national ISP 55 First Trainings Contest Webinar, a software engineering readiness track organized by the skilling platform Internshala.



- **Adarsh Ujjwal** (B.Tech CSE-AIML) engineered assistive software platforms from 9 January 2026 to 11 January 2026. He participated in the Impetus Hackathon with his specialized model framework titled *"Brain signals to speech conversion for disabled people,"* organized by GDGIEM



- **Javed Hussain** (B.Tech CSE) mastered predictive operational architectures from 5 April 2026 to 11 April 2026. He engineered a machine learning model titled *"Build an AI model helps British Airways forecast lounge demand,"* certified by Forage**.**



- **Ayan Roy** (B.Tech CSE) demonstrated high-level technical leadership from 4 April 2026 to 24 June 2026. Serving as Team Leader, he engineered and deployed an *"AI-Powered Multi-Factor Trading Decision & Fraud Detection Engine for Retail Investors"* for an industrial showcase evaluated by Cognizant.



STUDENT ACHIVEMENTS in Extra-curricular Activity

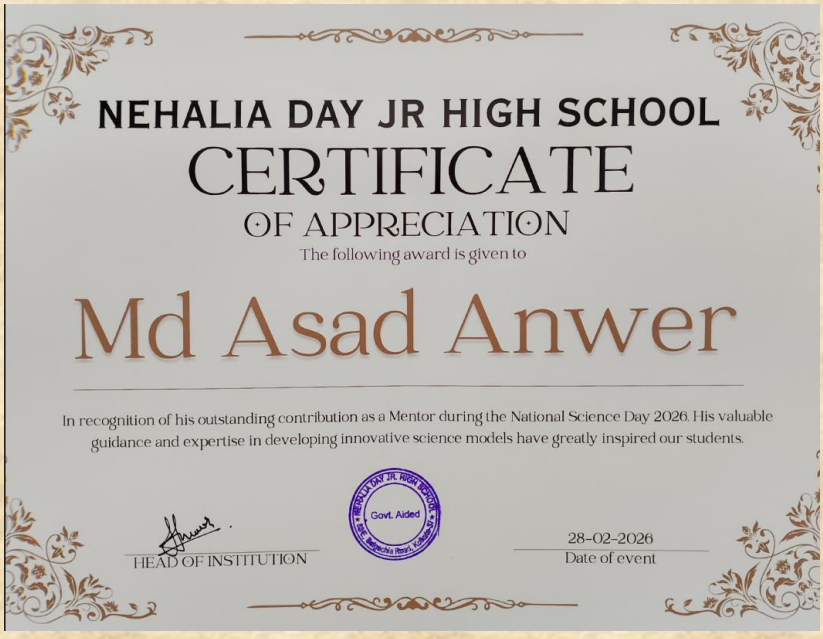
- **Ritika Srivastava** (CSE, 3rd Year) expanded regional civic engagement between **16 February 2026 and 28 February 2026** by successfully heading an impactful outreach campaign titled **Training to school students**. Organized at **Nehalia Day Jr High School, Belgachia**, her leadership earned her an elite neighborhood community extension award at the State level.



- **Annyasha Pal** (CSE_AIML, 3rd Year) demonstrated masterful analytical logic and sharp recall on **2 May 2026** by winning the elite technical competition titled **Quiz by MSA-GNIT Chapter**. Organized by **GNIT**, her commanding knowledge base secured her the highest placement in the extension activities category at the State level.



- **Md Asad Anwer** (CSE, 3rd Year) advanced community scientific awareness and academic leadership on **28 February 2026** by claiming consecutive **National-level** honors for his projects during the **National Science Day 2026** exhibition. Organized by **Nehalia Day Junior High School**, his presentation stood as a benchmark for student innovation.


NEHALIA DAY JR HIGH SCHOOL

CERTIFICATE

OF APPRECIATION

The following award is given to

Md Asad Anwer

In recognition of his outstanding contribution as a Mentor during the National Science Day 2026. His valuable guidance and expertise in developing innovative science models have greatly inspired our students.

Govt. Aided

HEAD OF INSTITUTION

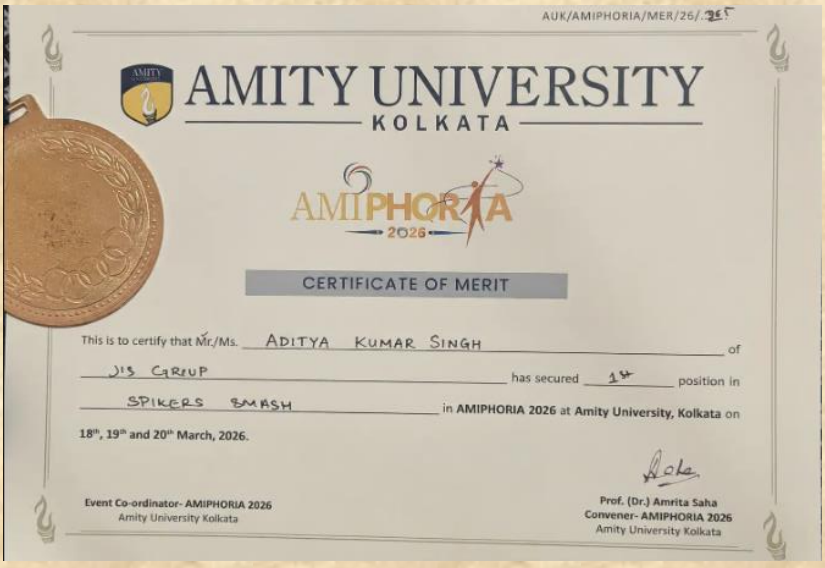
28-02-2026

Date of event

- **Kushal Bhattacharya** (CSE_CYS, 2nd Year) captured the world through a creative lens between **6 November 2025 and 30 January 2026** by winning a major **National-level** award in **Photography**. Organized under the prestigious banner of **JIS SPIRIT 2026 Phase-1**, his visual entry earned high marks for aesthetic precision.



- **Aditya Kumar Singh** (CSE_CYS, 2nd Year) displayed incredible defensive grit and explosive power between **18 March 2026 and 20 March 2026** by capturing a major sports distinction at the **Spikers Smash** event. Organized by **Amity University Kolkata (Amiphoria 2026)**, his performance steered the team to an elite finish at the State/Inter-University level.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AMITY UNIVERSITY
KOLKATA

AMIPHORIA 2026

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. ADITYA KUMAR SINGH of JIS GROUP has secured 1st position in SPIKERS SMASH in AMIPHORIA 2026 at Amity University, Kolkata on 18th, 19th and 20th March, 2026.

Event Co-ordinator- AMIPHORIA 2026
Amity University Kolkata

Prof. (Dr.) Amrita Saha
Convener- AMIPHORIA 2026
Amity University Kolkata

- **Saksham Singh** (CSE, 3rd Year) locked down the volleyball courts between **18 March 2026 and 20 March 2026** by securing top honors in the **VOLLEYBALL TOURNAMENT, SPIKER SMASH IN AMIPHORIA 2026**. Organized by **Amity University Kolkata**, his superior coordination earned him consecutive high-tier State/Inter-University athletic accolades.
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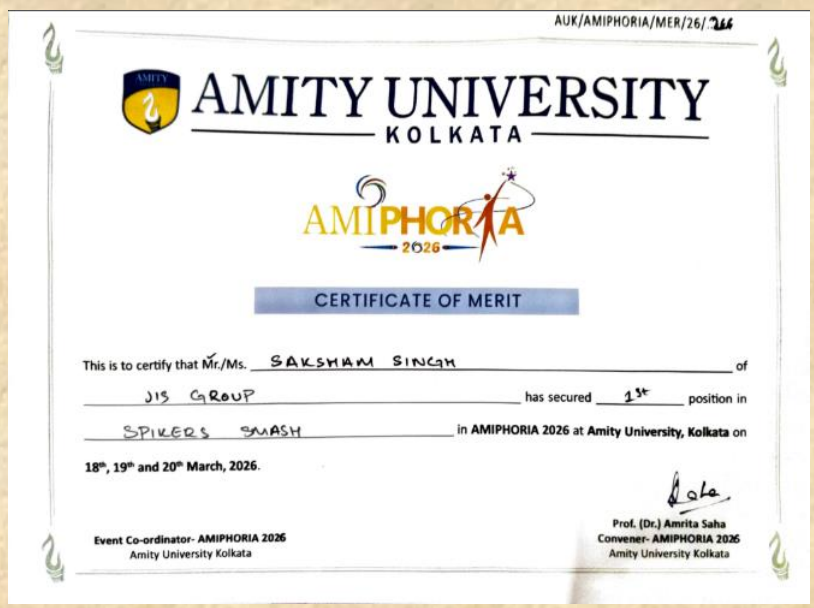
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AMITY UNIVERSITY
KOLKATA

AMIPHORIA 2026

CERTIFICATE OF MERIT

This is to certify that Mr./Ms. SAKSHAM SINGH of JIS GROUP has secured 1st position in SPIKERS SMASH in AMIPHORIA 2026 at Amity University, Kolkata on 18th, 19th and 20th March, 2026.

Event Co-ordinator- AMIPHORIA 2026
Amity University Kolkata

Prof. (Dr.) Amrita Saha
Convener- AMIPHORIA 2026
Amity University Kolkata

- **Avirup Sengupta** (CSE_CYS, 2nd Year) drove his team to major victories between **12 January 2026 and 16 January 2026** by securing outstanding sports accolades at the **JIS SAMMAN FOOTBALL** and **FOOTBALL** championships. Organized by the **JIS Group**, his tactical defensive play remained an undisputed asset on the field at the State level.



Arik Dey (CSE, 1st Year) showcased spectacular teamwork and agility between **27 January 2026 and 30 January 2026** by claiming the top spot in the inter-collegiate **Football Tournament**. Organized jointly by **BBIT & JIMS Hospital**, his agile contributions brought home a coveted State-level winner's award.


JAGANNATH GUPTA INSTITUTE OF MEDICAL SCIENCES AND HOSPITAL
BUDGE BUDGE INSTITUTE OF TECHNOLOGY

CERTIFICATE

Destiny Eduserv

OF WINNER

MAGNUS 2026
AN INTER COLLEGE CULTURAL FIESTA

This certificate is proudly presented to

Arik Dey

in Magnus 2K26, hosted by JAGANNATH GUPTA INSTITUTE OF MEDICAL SCIENCES AND HOSPITAL AND BUDGE BUDGE INSTITUTE OF TECHNOLOGY 27th January to 30th January, 2026

Prof. (Dr.) Pri Barun Chakraborty, Principal (JIMSH Central Campus)
Prof. (Dr.) Tamal Kanti Ghosh, Principal (JIMSH North Kolkata)
Prof. N. N. Jana, Principal (BBIT)
Ms. Puspa Ghosh, Principal (JINS)
Ms. Sanchita Roy, Principal (BBIT School)
Prof. (Dr.) Shantanu Bandyopadhyay, Principal, (JIP)

FACULTY RESEARCH & SCHOLARLY PUBLICATIONS

Publication Highlights | January–June 2026

International Conference Publications — 7

Book Chapters / Proceedings — 4

Books Published — 5

International Conference Publications

01| Priyanka Chakraborty, Bidyutmala Saha, Promita Chakraborty, Sajal Sasmal,Sayan Nath, Sayani Konar "Dense U-Net: A Dense Block-Based U-Net Architecture for Precise Skin Cancer Segmentation", SIGNASS 2026, IEEE, 20 April, 2026.DOI: 10.1109/SIGNASS67826.2026.11479982. pp. 1-5. [Scopus]

02 | Promita Chakraborty, Priyanka Chakraborty, Debapriya Sengupta, Sayani Konar, "Beyond the Server: Permissioned Blockchain Coordination for Robust Federated Learning in Smart Systems," presented at the 2026 International Conference on Signal Analysis for Smart Systems (SIGNASS), Kolkata, India, February 12–14, 2026; published by IEEE, 2026. DOI: 10.1109/SIGNASS67826.2026.11479951 pp.1-6 . [Scopus]

03| Dipankar Basu, Abhrendu Bhattacharya, Suman Bhattacharya, Mahamuda Sultana,"CogniScript: Hybrid Learning with XAI for Handwriting-Based Personality Analysis with Big Five Traits and Honesty-Humility ", SIGNASS 2026, IEEE, 20 April, 2026. Scopus, doi.org:.

04 | Sumit Kumar Banerjee, Koyel Das, Monjuri Das, Maitheryi Deb, "An Optimal and Lightweight In-Depth Learning Approach to Compute the Mass of a Single and Healthy Harumanis Mango", EDCT 2025, IEEE Xplore, 05.05.2026, doi.org.

05 | Sumit Kumar Banerjee, Bidisha Bhabani, Mahamuda Sultana, Suman Bhattacharya, "SmallSCNet: Skin-Centric Cancer Determination Using Optimal CNN Approach for Small Devices", EDCT 2025, IEEE Xplore, 05.05.2026, doi.org.

06 | Bidyutmala Saha, Priyanka Chakraborty, Sayan Nath, Debtanu Roy, Arna Saha, Anwesa Ghosh, Dewan Habib, Akash Dey "A Decentralized Crypto Launchpad on Binance Smart Chain" 2nd International Conference on Emerging Trends in Electronic Devices and Computational Techniques (EDCT 2025), IEEE Xplore, 05.05.2026, doi.org.

07 | Sourish Mitra, Sandip Roy, Rajesh Bose, "Design of a Solar-Based Energy-Efficient IoT-PWM-Peltier Operated Advanced HVAC-AHU Cold Storage Without VFD Technique," presented at the 2026

International Conference on Signal Analysis for Smart Systems (SIGNASS 2026), Kolkata, India, 12–14 February 2026, published by IEEE, pages: 1–6. Indexing: Scopus, doi.org

Book Chapters / Proceedings

01|Srabani Biswas, Sayani Chandra, Suparna Biswas, Ipsita Saha, Srijit Bhowmick, Tathagata Bhattacharjee, and Tanisha Bose, "Altered Fingerprints Detection and Reconstruction for Forensic Investigation", Vol. 1541, Proceedings of International Conference on Computational Intelligence, Data Science and Cloud Computing, Lecture Notes in Networks and Systems, Springer, February 2026, . pages: 393-403. Indexing: Scopus, https://doi.org/10.1007/978-981-96-9494-5_32.

02 | Shuvodeep Debnath, Moloy Dhar, and Pallabi Das, "Sustainable Route Recommendation for Ambulance by Analyzing Complex Network Parameters", Proceedings of International Conference on Computational Intelligence, Data Science and Cloud Computing, LNNS vol 1541, Springer, Singapore. . pages: 177-191. Indexing: Scopus, February 2026, https://doi.org/10.1007/978-981-96-9494-5_16.

03| Riddhi Lahiri, Sandipan Mukhopadhyay, Aritra Chakraborty, Shampurna Rakshit, Diprit Turul, Suman Bhattacharya, Mahamuda Sultana, "An Approach to Design AI-Based Penetration Testing Tools," in Advances in Machine Learning: Algorithms, Applications, and Emerging Trends, IIP Series, Vol. 6, Chapter 11, pp. 145–151, June 2026, E-ISBN: 978-93-7020-938-1, doi.org.

04 | Chandramouli Haldar, Tushkar Karmakar, Mridul Bhakta, Ipsita Jana, Anurag Ghosh, and Dr. Mahamuda Sultana. "EDGEAI-ENABLED UAV SYSTEM FOR MEDICINAL PLANT IDENTIFICATION AND CLASSIFICATION OF HIMALAYAN REGION." In IIP Series. Iterative International Publishers (IIP), e-ISBN: 978-81-69809-51-1, June 06, 2026. doi.org.

Books Published

01 | Promita Chakraborty, Md Tausif Mallick, Debapriya Sengupta, "The Decentralised Mind: Architecting Intelligence with Federated Learning", Publisher: Natals Publication, ISBN: 978-93-6581-883-3, January 2026, DOI: https://zenodo.org/records/19367293.

02 | Sumit Kumar Banerjee, Debkumar Chowdhury, Shuvodeep Debnath, "Theoretical Database Management System Concept", Publisher: Clever Fox Publishing, ISBN: 978-9367077818, Publication Date: January 2026**.**

03 | Nilanjana Adhikari, Dr. Mandira Banik, Mr. Nirupam Saha, Anushka Sanyal, Nikita Dutta, "C Programming Concepts, Control & Computation (Part 2)", Publisher: Natals Publication, March 2026**.**

04| Mahamuda Sultana, Arghadip Chakraborty, Suman Bhattacharya, Sujata Kundu, Suchismita Maiti, AI Made Easy, Natals Publication, ISBN-10: 9365811414, 20 May 2026..

05| Parameswar Das, Ananjan Maiti, Chiranjib Dutta, Cloud Architecture Decisions for Scalable Applications: A Practical Guide to AWS Deployment Models, Natals Publication, First Edition, ISBN-10: 9365810248, ISBN-13: 978-9365810240, 11 June 2026.

FACULTY PATENTS & INNOVATIONS

01 | Abdul Muhammed Rasheed; Dipankar Basu; Ranjan Banerjee; Sweta; Dr. Anzar Ahmad; Debmalya Mukherjee; Kaushik Paul; Dr. Ashwani Sharma, "Design Patent on Discipline Management Device", Application No.: 435821-001, Status: Design Published, Status date: 21-01-2026**.**

02 | Dr.ipsita Saha;Dr.srabani Biswas;Mrs. Sayani Chandra;Tiyasha Sen;Subhradeep Dey; Dr. Soumyabrata saha, "Agrobotics-ai: a multifunctional solar-powered autonomous agricultural robot and intelligent farm management system for real-time monitoring, disease detection, and crop prediction", Application No.: 202631019928, Status: Published, Status date: 20/02/2026.

03 | Pallabi Das; Dr. Kasturi Barik; Priyanka Ghosh, "Development of Customized DL-Based CAD Model for Diabetic Retinopathy Classification and Its Interpretation Using XAI", Application No.: 202631036081, Status: Published, Status date: 03-04-2026.

04 | Ms. Priyanka Chakraborty; Mr. Moloy Dhar; Ms. Promita Chakraborty; Koyel Das; Maithreyi Deb; Monjuri Das, "Self-Erasing Location Intelligence Solution for Smart Cities Using ML with 6G Networks", Application No.: 202631036085, Status: Published, Status date: 03-04-2026.

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