

SYNAPSE

COMPUTER ENGINEERS' SOCIETY

~where the passion meets skill and knowledge

**CODE.
CREATE.
COLLABORATE.**



**THE
FUTURE
IS BUILT
TOGETHER**



MESSAGE FROM PRINCIPAL'S DESK



Dr. Joydeep Dutta

It gives me immense pleasure to extend my best wishes to the Computer Engineers' Society (CES). CES has been a vibrant platform for nurturing innovation, technical excellence, creativity, teamwork, and leadership among our students. Through competitions, workshops, seminars, projects, and industry-oriented initiatives, the society continues to bridge academic learning with practical experience. I commend the dedicated efforts of the students and faculty members behind this initiative. May CES continue to inspire young minds to Learn, Innovate, Collaborate, and Lead, contributing meaningfully to the ever-evolving world of technology.

Best wishes for continued success!

~Dr. Joydeep Dutta

MESSAGE FROM HEAD OF THE DEPARTMENT'S DESK



Dr. Anupam Mukherjee

The Computer Engineers' Society, CSE, SIT, holds a special place in my heart. Since its inception in 2017, under the mentorship and guidance of the CSE Department, I have shared many nostalgic moments with its members. From late-night meetings and event planning to facing several ups and downs, the journey has been truly memorable. Our students have always been the backbone and torchbearers of this club. Many members, now proud alumni, have contributed immensely through their innovative ideas and beautiful initiatives. I am proud of this remarkable journey and wish the Society continued success in the future.

~Dr. Anupam Mukherjee

ABOUT US

The Computer Engineers' Society (CES) is the official departmental club of the Department of Computer Science and Engineering (CSE), Siliguri Institute of Technology (SIT), established in 2017. Since its inception, CES has been fostering technical excellence, creativity, collaboration, and innovation among students.

CES empowers students to develop technical, creative, and leadership skills through workshops, seminars, competitions, and collaborative projects. With the guidance of faculty mentors, CES bridges academic learning with real-world applications, fostering innovation, teamwork, and problem-solving.

VISION

CES empowers students to transform academic learning into practical skills through workshops, events, competitions, and collaborative projects. It fosters innovation, leadership, teamwork, and problem-solving while encouraging students to explore emerging technologies.



TEAM OF C.E.S 2024-2025

By providing a platform to learn, build, and lead, CES bridges the gap between academics and industry, inspiring students to create meaningful solutions and shape the technology of tomorrow.

MEET OUR MASCOT

Hi! I am Cubo, the mascot of CES, representing curiosity, creativity, and innovation. Always eager to explore, learn, and experiment, I embody the spirit of young computer engineers who transform challenges into opportunities and ideas into reality every day.

I turn curiosity into ideas, ideas into innovation, and innovation into impact.





OUR JOURNEY THROUGH TIME

2017

THE BEGINNING

The Computer Engineers' Society (CES) was established as the official departmental club of the Department of Computer Science and Engineering at Siliguri Institute of Technology.



2018–2019

BUILDING THE FOUNDATION

CES began establishing its presence through engaging technical and recreational activities, including **Sudoku**, **Quiz**, **Code Bites**, and **Robo Soccer**, creating a platform for students to learn, compete, and collaborate.



2022–2023

A NEW IDENTITY

CES resumed activities with renewed enthusiasm. **Cubo**, the official mascot of CES, was born in 2022, marking an important milestone in the club's identity. This period also saw the introduction of the new CES logo featuring Cubo, alongside activities such as **Quiz**



2024–2025

A NEW CHAPTER

CES reopened with fresh energy, new ideas, and a new generation of members. The year featured **Quiz-o-Maina**, **Code Bites 4.0**, **Grad Talks**, **C Programming Challenge**, **45 Days DSA Challenge 1.0**, **Roadmap to Programming**, **International Industry Induced Workshop**, **SIT Hackaverse 2025**, **Industry Connect: Campus 2 Corporate**, and several technical webinars and sessions.



2026

MOVING FORWARD

With a growing community and a stronger vision, CES continues to expand its horizons through technical events, industry interactions, hackathons, workshops, challenges, and collaborative initiatives, empowering students to learn, innovate, and create an impact beyond the classroom.



OUR PAST EVENTS

CODE BITES 5.0

Code Bites 5.0 was successfully organized on **21st and 22nd May, 2026**, by the Computer Engineers' Society (CES), Department of Computer Science and Engineering, Siliguri Institute of Technology (SIT), bringing together over 30+ students for an exciting coding experience that tested their problem-solving, logical thinking, and programming skills.

Code Bites 5.0 became a memorable platform to learn, compete, and showcase their passion for coding.



FACULTY COORDINATOR'S MESSAGE



Prof. Deb Sekhar Laha

As a co-founder and faculty coordinator, I am immensely proud to see the Computer Engineers' Society celebrate nine remarkable years of innovation, leadership, and technical excellence. Since 2017, the unwavering enthusiasm and passion of our CSE students have shaped CES into a true legacy of the Siliguri Institute of Technology. Here is to breaking boundaries and inspiring future changemakers!

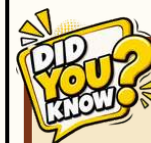
~Prof. Deb Sekhar Laha



ROADMAP TO PROGRAMMING 2.0

Roadmap to Programming 2.0 was successfully organized on **26th December, 2025**, by the Computer Engineers' Society (CES), CSE, SIT, guiding first-year students into programming through a session conducted by **Swarnadeep Saha Poddar**, an alumnus of CSE.

With an engaging session and practical guidance, Roadmap to Programming 2.0 became an informative platform for students to explore, learn, and confidently begin their programming journey.



The first computer bug was an actual moth found inside the Harvard Mark II.



45 DAYS DSA CHALLENGE 2.0

45 Days DSA Challenge, starting on **25th August 2025**, was successfully organized by the Computer Engineers' Society (CES), encouraging students to strengthen their Data Structures and Algorithms skills through consistent practice, problem-solving, and logical thinking. Over the 45-day journey, participants developed discipline, improved their coding abilities, and gained confidence through continuous learning. The top five performers were felicitated for their exceptional consistency, dedication, and problem-solving abilities throughout the challenge.



INDUSTRY CONNECT PROGRAM

The flagship **Industry Connect Program: Campus 2 Corporate** was successfully organized from **18th to 22nd August, 2025**, by the Computer Engineers' Society (CES), Department of Computer Science and Engineering, Siliguri Institute of Technology (SIT), for 4th Year students. This five-day programme bridged the gap between campus and corporate life through CV preparation, group discussions, aptitude rounds, technical interviews, and HR interviews. It provided exposure, industry insights, and professional skills, helping students build confidence, understand recruitment processes, and prepare effectively for their upcoming placements and careers.



SIT HACKAVERSE 2025

SIT Hack-A-Verse 2025, held on **3rd and 4th April 2025**, was a flagship 24-hour hackathon organized by the Computer Engineers' Society, Siliguri Institute of Technology. Hosted at the Sir J. C. Bose Seminar Hall, the event brought together over 200 students in more than 50 teams to tackle 15 challenging problem statements, fostering innovation, collaboration, technical creativity, and real-world problem-solving through cutting-edge solutions, competitive spirit, and an intense coding journey.

The second phase of SIT Hack-A-Verse 2025 unfolded on **4th April 2025**, following its launch on 3rd April, as teams continued their 24-hour innovation journey. After intense coding, collaboration, and problem-solving, participants presented their solutions before the concluding evaluations. The hackathon provided hands-on experience, and a platform where creativity and technical expertise transformed ideas into impactful solutions for real-world challenges.

INTRODUCTION TO FLUTTER

Introduction to Flutter was successfully organized on **22nd December 2024** by the Computer Engineers' Society (CES), offering students an insightful introduction to cross-platform mobile application development. The session featured our **Alumni Mandir Das** of 2025 pass out who explored Flutter fundamentals, its widget-based framework, and the Dart programming language, helping participants understand how modern applications are designed and developed. Through practical demonstrations and interactive learning, attendees gained exposure to Flutter's development environment and essential concepts. The event encouraged students to explore mobile development, strengthen their technical foundations, and discover new opportunities for building user-friendly applications.





30 DAYS PROGRAMMING CHALLENGE

Learn to Code, Unlock Your Potential !

October 2, 2024

Computer Engineers' Society organised the 30 Days Programming Challenge, an initiative for 1st-year B.Tech students with hands-on programming and problem-solving skills. The participants were provided 1 question for 30 days from different topics of coding. The challenge fostered a passion for coding among the participants, encouraging them to explore and improve their problem-solving abilities. The winners of the challenge were felicitated with mementos and certificates by the Head of

Departments. The program was a resounding success, motivating the students to continue their coding journey and preparing them for future challenges in the tech world.

ROADMAP TO PROGRAMMING 1.0

An Engaging Session for Aspiring Coders , September 29, 2024,

An interactive online workshop "Roadmap to Programming", exclusively for 1st-year B.Tech students, the session aimed to ignite their enthusiasm for coding and provide a clear vision for starting their programming journey. The session included a hands-on segment on C programming, offering participants a foundational understanding of programming concepts and problem-solving techniques. To further motivate the budding programmers, a small giveaway was organised, inspiring them into the world of coding. Additionally, all attendees received e-certificates as a token of their participation.



CODE BITES 4.0

A thrilling coding competition, September 25, 2024

Location: Programming Lab 1

With the success of previous 3 editions of Code Bites, the Computer Engineers' Society hosted Code Bites 4.0, an exhilarating coding competition with participation departments. extending across various Chief Guest: Dr. Mithun Chakraborty, Principal The competition was hosted on HackerRank-online coding platform, where participants were challenged with carefully curated problem statements, tested against a set time limit.

The event concluded with a celebration of excellence: Top 10 Coders were awarded with mementos and certificates, recognizing their outstanding performance. All attendees received participation certificates and goodies as a token of appreciation for their enthusiasm and effort.



*The first 1 GB hard drive weighed over 500 kg!
Released by IBM in 1980, it was massive compared to today's pocket-sized storage!*



QUIZ-O-MANIA

A Technical Quiz Competition , September 18, 2024,

Location: CSE Seminar Hall, SIT

Quiz-O-Mania, a thrilling technical quiz competition. The event brought together teams eager to showcase their technical knowledge in a competitive yet engaging atmosphere. Around 35+ Teams took part in the competition from various departments. The event was graced by our Hon'ble Principal Dr. Mithun Chakaraborty and Head of the Departments. The competition unfolded across three rounds. The event was a grand success, highlighting the enthusiasm of the participants.



COLLABORATION



SAP HACKFEST 2025

The Computer Engineers' Society (CES) proudly volunteered at SAP Hackfest 2025 under the guidance of **SPOC Prof. Satadal Chakaraborty**, contributing to the successful execution of this technology-driven event. The experience provided CES members with an opportunity to engage with innovators, developers, and technology enthusiasts while gaining valuable exposure to hackathons and collaborative problem-solving. Through such initiatives, CES continues to encourage students to participate, connect, and grow beyond the classroom.

G.D.G DEVFEST X C.E.S.

For the past two years, C.E.S. has collaborated with GDG as a Community Partner for DevFest, creating opportunities for students to connect with industry experts, explore emerging technologies, and become an active part of the global developer community.



SMART INDIA HACKATHON

C.E.S. volunteers have actively contributed to the Smart India Hackathon (SIH) under the guidance of **SIH SPOC Prof. Deb Shekhar Laha**. From coordination and event management to on-ground support, the volunteers have played an important role in ensuring the smooth execution of the hackathon. This experience has provided C.E.S. members with valuable exposure to innovation, teamwork, and one of India's largest student innovation platforms.





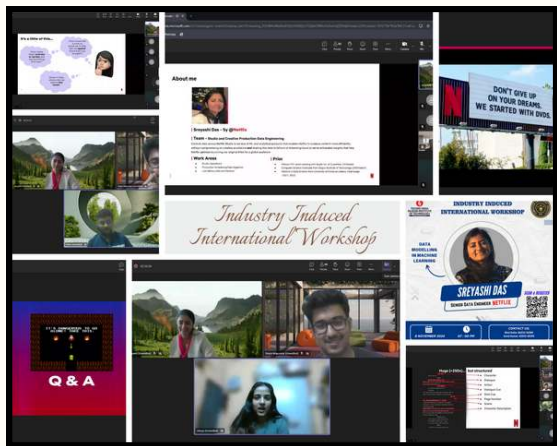
ALUMNI INTERACTIONS

GRAD TALKS

Grad Talks is the alumni podcast initiative of the Computer Engineers' Society, created to connect students with inspiring graduates and give them a glimpse into real-world professional journeys. The series featured **Rajiv Chowdhury** – 3D Animator at Rockstar Games; **Mriganka Roy** – Senior Engineer at Eviden; **Swarnava Mukherjee** – Senior Full Stack Engineer at Nielsen; **Subham Sarda** – Hardware Security Validation Engineer at Google; and **Bishal Das** – Software Developer & Senior Analyst at Accenture. Through engaging conversations, Grad Talks explored career journeys, industry expectations, technical growth, career transitions, challenges, and the lessons learned along the way.



Hearing directly from alumni who once shared the same classrooms made these experiences relatable and meaningful for students. The initiative also strengthened the connection between CES and its alumni community, while encouraging students to stay curious, develop relevant skills, learn from challenges, and confidently navigate their own career paths with greater clarity and purpose.



Industry Induced International Workshop

An Inspiring Alumni Session and Webinar , November 8, 2024,

CES proudly hosted an online workshop "Industry Induced International Workshop." The session featured our distinguished alumni and speaker **Sreyashi Das, Senior Data Engineer at Netflix from California, USA**. She shared her incredible journey from being a student to becoming an integral part of one of the world's leading tech companies. The session was on Data Modelling in Machine Learning which offered attendees a foundational understanding of the topic, blending technical knowledge with real-world applications and with interactive Q&A sessions.

It also featured a quiz session, where participants had the chance to win exciting giveaways. All attendees were awarded e-certificates, making the event both enriching and rewarding.

AI, Big Data, Networks and Cybersecurity are among the fastest-growing skills—areas where today's alumni are building real-world expertise.





ALUMNI VOICES



Computer Engineers' Society (CES) is more than a club it's a family, a community, and an experience that became an integral part of my college journey.

Being associated with CES as a Lead and having the opportunity to be part of the journey to revive the club in 2024, after a brief pause was challenging, yet incredibly memorable. It was a journey filled with learning, responsibilities, experiences, perseverance, teamwork and most importantly, bonds that made every effort worthwhile. And countless memories that made CES truly special.

I hope CES continues to uphold the legacy of being one of the oldest and most distinguished clubs of the college, while embracing new ideas, collaborations, and opportunities.

Kudos to the entire team on the first-ever CES Magazine! Wishing CES continued growth, more events, collaborations, and achievements. May the legacy continue and CES reach even greater heights.

— *Arunangshu Nag, 2025 PO*



CES (Computer Engineers' Society) has always been a special part of my college life. Looking back, it's not just the events or activities that I remember, but the people, the late discussions, the teamwork, the small challenges, and all the moments we shared together. Being a part of CES gave me many opportunities to learn, meet new people, step out of my comfort zone, and create memories that I still cherish.

It feels really good to see CES continuing to grow and bringing new experiences to students. Congratulations to the entire team on the first-ever CES Magazine. I hope CES keeps creating the same energy, excitement, friendships, and memories for every batch that becomes a part of it. Wishing the team all the very best for everything ahead.

— *Arpan Dey, 2025 PO*



CES has given me the platform to present my knowledge and work in front of a large audience, and the confidence to present the same in the corporate world.

The experience of organizing events and being part of such a fantastic team has been truly invaluable. More than just colleagues, I got to work with people who became friends, and I'm grateful for this opportunity.

Thank you, CES, hope it upholds its legacy and fly with bright colours.

— *Dripta Majumdar, 2025 PO*



When I look back at my time at SIT, I feel it gave me much more than just an engineering degree. It gave me a platform to explore, experiment, meet people, take initiatives, make mistakes, learn from them, and gradually understand what I wanted to do in life.

One of the things I value the most about my time there was the opportunity to go beyond academics. SIT gave me the platform to be involved in founding the Entrepreneurship Cell, participate in several technical as well as cultural activities, work on and present conference papers, interact with people from different backgrounds, and build a network that went far beyond the classroom. All of these experiences played an important role in my overall development and helped build confidence, communication skills, leadership abilities, and the willingness to take initiative.

If there is one thing I would especially like to tell the current students, it is to never restrict learning only to theory. Theory is important because it builds the

foundation, but practical exposure is what really helps you understand how things work. Whenever you learn something new, try building a small POC around it. It does not have to be a huge project. Even a simple implementation can help you understand a concept much better and, more importantly, teach you how that knowledge can actually be applied to solve real-world problems.

After graduation, I also realised that careers rarely move in a perfectly straight line. There will be times when you succeed, times when things do not go according to plan, and times when you may have to learn something completely new. That is absolutely fine. Keep learning, keep experimenting, stay curious, and do not be afraid to step outside your comfort zone. Your first job or your first role will never define your entire career.

I would also like to sincerely thank all the professors and faculty members who guided and supported us, our HODs for their constant encouragement and leadership, the TPOs who worked hard to provide us with opportunities and prepare us for the professional world, and the esteemed management of SIT for creating an environment where students could learn and also explore opportunities beyond academics. A lot of what they do may not always be fully appreciated while we are students, but once we step into the professional world, we realise how valuable that support actually was.

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To everyone currently at SIT and CES, make the most of these years. Attend events, build things, participate in competitions, write papers, meet new people, take up responsibilities, try something you have never done before, and create memories along the way. Marks and academics matter, but the experiences you collect outside the syllabus often shape you just as much.

SIT will always remain an important part of my journey, not only because of what I studied there, but because of the opportunities, people, experiences, and confidence it gave me to move forward.

Wishing the Computer Engineers' Society and the entire SYNAPSE team all the very best.

— Aniket Ghosh, Senior Associate, BOSCH, 2020 PO



TECH INSIGHTS

THE CYBERSECURITY ARMS RACE: AI VS AI

By Sambhavi Singh | CSE YEAR 2, SEM 3

"The same intelligence that protects our digital world can also be used to attack it."

In today's rapidly changing digital world, cybersecurity has become more important than ever. With the growth of Artificial Intelligence (AI), a new kind of technological battle is the emerging cybersecurity arms race between AI and AI. Both cybercriminals and security experts are using AI to gain an advantage.

Cybercriminals can use AI to create highly convincing phishing attacks, discover vulnerabilities, automate malicious activities, and adapt their methods quickly. This makes cyberattacks more difficult to identify and prevent. A single automated system can potentially target thousands of users within a short period of time.

At the same time, cybersecurity professionals are using AI as a powerful defence mechanism. AI systems can continuously monitor networks, detect unusual behaviour, identify malware, and respond to threats much faster than humans.

At the same time, cybersecurity professionals are using AI as a powerful defence mechanism. AI systems can continuously monitor networks, detect unusual behaviour, identify malware, and respond to threats much faster than humans.

The cybersecurity arms race is no longer a battle between hackers and humans, it is becoming a battle between intelligent machines. As AI continues to evolve, the same technology capable of protecting our digital world can also be used to threaten it. The real challenge is not simply to build smarter AI, but to ensure that defensive AI stays ahead of malicious AI. The future of cybersecurity will belong not to those who fear AI, but to those who learn to control and use it wisely. Ultimately, the greatest defence against intelligent threats is intelligent, responsible innovation.

QUANTUM COMPUTING: THE NEXT COMPUTING REVOLUTION

By Pyasi Das | CSE YEAR 2, SEM 3

Quantum computing represents a fundamental shift in how we process information. Unlike classical computers that use bits (0s and 1s), quantum computers use qubits, which can exist in multiple states simultaneously through superposition.



Combined with entanglement, this allows quantum machines to perform certain calculations exponentially faster than traditional systems.

This power holds transformative potential across industries. In medicine, quantum computing could accelerate drug discovery by simulating molecular interactions with unprecedented accuracy. In finance, it could optimize complex risk models. In cryptography, it threatens current encryption standards while enabling new, quantum-resistant security methods.

Companies like IBM, Google, and startups worldwide are racing to build stable, scalable quantum systems, though challenges like qubit decoherence and error correction remain significant hurdles.

While practical, widespread quantum computing is still years away, its trajectory suggests a revolution on par with the invention of the classical computer—reshaping science, industry, and technology as we know it.



Elektro, the first humanoid robot, was built in 1939.



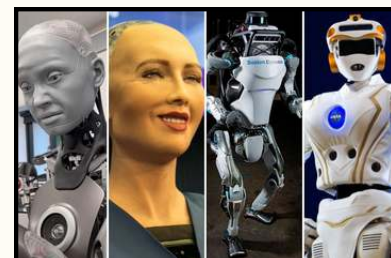
HUMANOID ROBOTS : FROM SCI-FI TO THE REAL WORLD

By Aditi Das | CSE YEAR 2, SEM 3

Humanoid robots were originally a thing that we only saw in science fiction films, but now they are gradually becoming a reality. They are built to look and move like humans and are able to carry out various tasks with the aid of artificial intelligence, sensors, and cameras.

Humanoid robots are being developed for various uses, including work in factories, hospitals, offices, and homes. They can carry out repetitive or dangerous tasks, making life easier and safer for us. Moreover, advanced robots can understand basic commands, recognize objects, and interact with people.

Yet, humanoid robots still face limitations. They are costly to build, and making them think, learn, and act like humans in complex situations remains challenging. These challenges limit their widespread adoption.



Because of the fast development of technology, humanoid robots may soon form a regular part of our everyday lives. A future which previously seemed like something out of science fiction is now gradually becoming a reality.

AI Agents: When Artificial Intelligence Starts Taking Action

By Subham Jha | CSE YEAR 2, SEM 3

AI systems were mostly reactive: users asked questions, and AI provided answers or recommendations. AI agents represent a major shift because they can plan, reason, and take actions autonomously to achieve specific goals.

An AI agent perceives information from its environment, reasons about it, and acts accordingly. It can use tools such as APIs, databases, software, and files to complete tasks. Unlike a chatbot that responds once and waits for another prompt, an agent can perform multiple actions, check results, adjust its approach, and continue until the goal is achieved.



AI agents have become possible due to three major developments. First, modern Large Language Models (LLMs) have become better at reasoning and understanding complex instructions. Second, LLMs can now use external tools and APIs, allowing them to interact with real-world systems. Third, improved prompting, error handling, and monitoring make autonomous iteration more reliable.

Together, these advances are transforming AI from systems that simply respond into systems that can act and accomplish tasks.

GENERATIVE AI: FROM PREDICTING THE NEXT WORD TO CREATING ENTIRE WORLDS

By Ayush Sharma | CSE YEAR 3, SEM 5



Generative Artificial Intelligence has transformed from a simple idea of predicting the next word into one of the most powerful technologies of the modern era. Early language models were designed to recognize patterns in text and predict what word might logically follow.

Today, those same foundational principles have evolved into systems capable of generating articles, computer programs, images, music, videos, and even immersive virtual worlds.

Generative AI learns from enormous amounts of data, identifying patterns, relationships, and structures that enable it to create new content. Tools powered by advanced neural networks can now turn a short text prompt into realistic artwork, cinematic videos, functional software, or detailed digital environments.

This transformation is reshaping industries including education, entertainment, healthcare, design, and software development. However, it also raises important questions about creativity, copyright, misinformation, and responsible use. Generative AI is not merely predicting possibilities anymore—it is expanding them, turning human imagination into digital reality at unprecedented speed.

As these systems continue to advance, collaboration between humans and machines will become increasingly important. People will provide judgment, purpose, empathy, and ethical direction, while AI will offer speed, experimentation, and access to new forms of expression. The future of generative technology will depend not only on what it can create, but also on how thoughtfully society chooses to guide, evaluate, and share its creations.

WHEN AI HACKING TOOLS GET HACKED.

By Amol Kumar | CSE YEAR 4, SEM 7

Here's something that sounds like science fiction but isn't: AI tools built to hack into systems and find security flaws can themselves be hacked — by the very systems they're testing.



These days, companies let AI "agents" hunt for security holes on their own, no human needed. Smart idea, until you realize the AI can be tricked. Researchers found a sneaky method called prompt injection, and honestly, it's clever in a slightly terrifying way. The AI visits a website to check it out, and the website quietly slips it a fake "warning" with a hidden command buried inside. The AI, doing exactly what it's trained to do, decodes the hidden message and runs it. Just like that, it's handed over the keys.

And it's not a rare fluke. In testing, this worked more than 90% of the time, sometimes in under 20 seconds. Turns out AI struggles to tell the difference between "just read this" and "actually do this." That gap is the whole vulnerability.

There are fixes that work well right now. But researchers are honest about one thing: this won't be solved overnight. It's more of a long game, kind of like the decades-long fight against similar tricks on regular websites.



Generative AI does not simply copy—it generates new outputs by learning patterns from data.





CLUB MEMBERS

FACULTY MEMBERS



Dr. Anupam Mukherjee
Head of the Department
Computer Science and Engineering



Prof. Deb Shekhahr Laha
Assistant Professor

STUDENT MEMBERS (2026–2027)

Senior Associate Members



Gautam Raj



Sohan Banerjee



Paushali Karmakar



Amol Kumar

Associate Members



Kelvin Linus



Ayush Sharma



Pyal Vyas



Debashish Sinha



Banashree Barman



Avigyan Guha



Sandip Basak



Shreyashi Dutta



Surajit Roy



Payel Nunia



Md. Shahbaz
Hashmi Ansari

Junior Associate Members



Shubham Jha



Aditi Das



Piyasi Das



Shambhavi Singh



Debasmita Modak



Devbart Sharma



Mohana Sarkar



Banti Agarwal



Ravishankar Jha



ALUMNI MENTORS

2025 PO



Arunangshu Nag



Arpan Dey



Dripta Majumdar



Naman Raj

2026 PO



Arnav Biswas



Suryashis Banerjee



Ratnojit Saha



Rimi Dutta



Swarnadeep Saha
Poddar

MEMBER'S ACHIEVEMENTS



OUTSTANDING PAPER AT REGIONAL SCIENCE & TECHNOLOGY CONGRESS, 2025

A student team from Siliguri Institute of Technology (SIT) secured outstanding paper award at the 7th Regional Science & Technology Congress 2024-25, organized by the Department of Science and Technology & Biotechnology, Government of West Bengal, in collaboration with Siliguri College. The team presented their research paper, **"CNN-Based Ensembled Classifier Powered by GAN: A Framework for Crime Data Analysis,"** based on their final-year project. The achievement highlights the students' commitment to research and innovation, supported by their mentor **Dr. Anupam Mukherjee** and team members **Arunangshu Nag, Arpan Dey, Rounak Pramanik, and Dripta Majumdar.**

OUTSTANDING PAPER PRESENTATION AT REGIONAL SCIENCE AND TECHNOLOGY CONGRESS, 2026

In a proud achievement for the research community, the paper **"A Hybrid Machine Learning Framework for Geospatial Cyber Crime Prediction and Demographic Pattern Analysis"** received the Outstanding Paper Presentation Award at the 8th Regional Science & Technology Congress (Region-1), 2026, held at the University of North Bengal. The research was led by **Dr. Anupam Mukherjee**, with **Arnav Biswas, Ayandeep Roy, Suryashis Banerjee, and Rimi Dutta** as co-authors, highlighting the potential of AI and geospatial analysis in addressing emerging challenges in cybercrime and demographic research.





2ND RUNNERS UP AT SMART INDIA HACKATHON (SIH) 2025, GRAND FINALE (SOFTWARE EDITION)

Siliguri Institute of Technology proudly celebrated **Team BLACK SYNTAX** securing **2nd Runner-Up at Smart India Hackathon 2025 – Grand Finale (Software Edition)**. The 2nd-year, 3rd-semester team addressed the “**Smart Crop Advisory System for Small and Marginal Farmers**” under the Government of Punjab at Chandigarh Engineering College, Landran, Mohali, on 8–9 December 2025. Led by **Ayush Sharma**, the team included **Payal Vyas, Plovdiv Kumar Kundu, Nilkamal Adhikari, Avigyan Guha, and Poulami Kundu**, guided by CSE alumni **Keshav Kumar and Swarnava Mukherjee** for their outstanding performance.

FINALISTS AT SMART INDIA HACKATHON (SIH) 2025 GRAND FINALE (HARDWARE EDITION)

Taking innovation beyond the classroom, **Team Grainz** from the institute stormed the **Smart India Hackathon 2025 Grand Finale** at IIT Roorkee. **Debashish Sinha, Md Shahbaz Hashmi Ansari, Ishika Paul, Prithivi Raj Sha, Manjima Ghosh, and Snigdha Bhowmick** emerged as Grand Finalists, addressed the problem statement “**Handheld Radio Set having Satellite Personal Tracking System**” and developed a satellite-enabled communication technology for BSF personnel.



FINALISTS OF NATIONAL CYBERSHIELD HACKATHON – 5TH CYBERCRIME INVESTIGATION AND INTELLIGENCE SUMMIT (CIIS)

In a proud achievement for Siliguri Institute of Technology and Computer Science and Engineering department, **Team HashByte**, comprising **Amol Kumar, Bhaskar Kumar, Rohini Kumari, and Masudar Rahaman** emerged as Finalists at the National CyberShield Hackathon – 5th Cybercrime Investigation and Intelligence Summit (CIIS). Their project, “**Detecting Fake Banking APKs**,”

secured a place among the **Top 35 teams from over 1,100+ teams nationwide**, showcasing their technical expertise, innovative thinking, and problem-solving abilities under the guidance of **Dr. Prasanta Kumar Roy**.



Douglas Engelbart created the first prototype in 1964, and it was literally a wooden box with two wheels

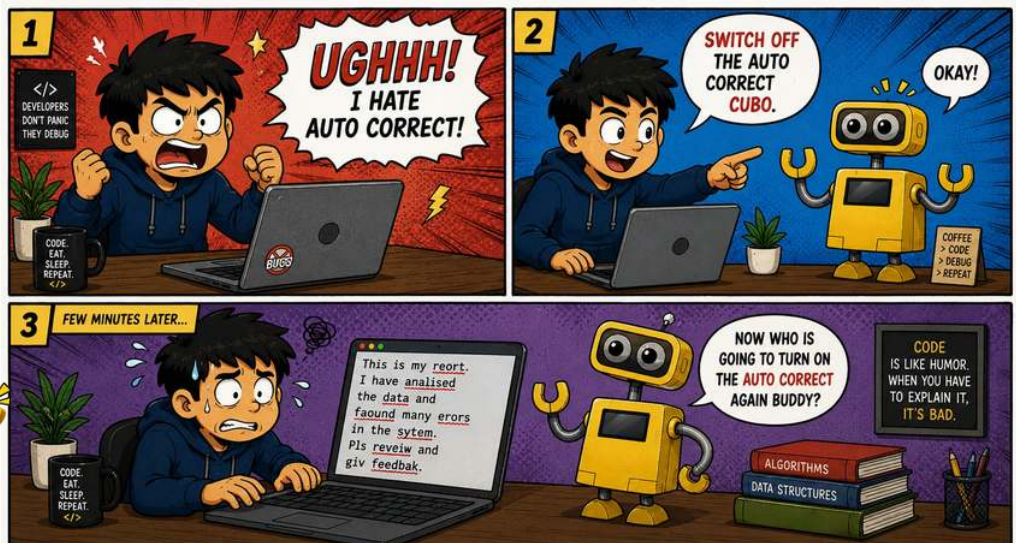




PHOTO *Gallery*



Piyasi Das | CSE | 3rd SEM



Avigyan Guha | CSE | 5th SEM



Piyasi Das CSE | 3rd SEM



Avigyan Guha | CSE | 5th SEM



Gautam Raj | CSE | 7th SEM



Shambhavi Singh | CSE | 5th SEM



Aditi Das | CSE | 3rd SEM



PHOTO Gallery



Aditi Das CSE | 3rd SEM



Ayush Sharma CSE | 5th SEM



Arnav Biswas | CSE | 2026 PO



Suryashis Banerjee CSE | 2026 PO



Shambhavi Singh CSE | 3rd SEM



Ayush Sharma CSE | 5th SEM

PHOTO *Gallery*



45 Days DSA Challenge 2.0



Industry Connect Program



SIT HACK-A-VERSE



Code Bytes 5.0



Quiz-O-Mania



30 Days C Programming Challenge

“We can only see a short
distance ahead, but we can see
plenty there that needs to be
done.”

-Alan Turing

*Father of modern computer science and Artificial
Intelligence*

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COMPUTER ENGINEERS' SOCIETY
ESTD 2017

STAY CONNECTED

