The CSE Department News Letter

The Department of Computer Science and Engineering at Tezpur University, established in 2006, is a hub of creativity and innovation. Nurturing bright minds into leaders of the digital age, it stays aligned with global IT demands. Its programs are not just courses but a carefully designed blend of knowledge and skills, where science meets creativity to shape the leaders of tomorrow.

ABOUT THE DEPARTMENT

The vision of the Department is to be a dedicated Centre of learning and research in computer science and engineering. It is committed to create competent professionals capable of taking leading roles in industry, academia, and application areas of the field. A High-Performance Computing Centre was established in the Department in June 2015 to provide high end computing facilities to the scientific researchers from the North-East region. The Department has been recognized as a Centre of Excellence in Machine Learning and Big Data Analytics by MHRD, Government of India under FAST. The Department is also recognized by UGC under the Special Assistance Programme (SAP DRS Phase II). During 2005-2009 and 2018-2023 the Department received support from the Department of Science and Technology (DST), Govt. of India under its FIST-Programme. The Department has also been recognized as ISEA member, MeitY, Govt. of India and BRICS-NU Member. The B. Tech Programme of the Department in Computer Science & Engineering is accredited by the National Board of Accreditation (NBA).

The Department currently comprises **420 enrolled students**, supported by **20 Faculty Members** and **9 Administrative / Technical staff.**

VISION

To be a dedicated centre of learning and research in computer science and engineering for creating competent professionals capable of taking leading roles in industry, academia, entrepreneurship and application.

MISSIONS

- To strive hard to build supremacy in teaching, research and service so as to become one of the most sought after institutions of higher learning in the country.
- To create infrastructure and provide challenging environment conducive to enriched learning oppurtunities for the students and aim at generating leaders of the future in their domain
- To imbibe virtues among students, staff and faculty that resonates through its work culture, team work and output.
- To enthuse the students to aim for highest level of learning for personal and professional growth.
- To foster innovation and nurture critical and creative thinking.
- To impart high quality teaching to students in career oriented programmes in science, engineering, management and humanities that ensure employability.
- To involve in public service and outreach activities with stakeholoders for the benefit of the region, state, country and the world.
- To promote multidisciplinary and collaborative research with other institutes and industries that visibly impacts society.
- To facilitate co-curricular and extra-curricular pursuits of students, staff and faculty

MESSAGE FROM THE HOD

It gives me immense pleasure to present the latest edition of the newsletter of the Department of Computer Science and Engineering, Tezpur University. This publication reflects the collective efforts, achievements, and aspirations of our students, faculty, staff, and alumni, who continue to contribute meaningfully to the growth and reputation of our department. Our department is committed to fostering a culture of excellence in teaching-learning, research, and industry collaboration, while ensuring that our students are well-equipped with the skills and mindset needed to address real-world challenges.

I am proud to highlight that our faculty members have been actively engaged in high-impact research, collaborative projects, and knowledge dissemination through publications, workshops, and conferences. Our students have also made us proud through their achievements in academics, internships, hackathons, and placements in leading organizations.

This newsletter captures a glimpse of these endeavours and milestones, and serves as a platform to showcase the vibrant and dynamic ecosystem within our department. I sincerely thank everyone who has contributed to this edition and invite all stakeholders, including our esteemed alumni, to stay connected and continue to support our journey forward.

Let us continue striving together towards academic excellence, innovation, and societal impact.

With warm regards,
Prof. Sarat Saharia
Head, Department of CSE

COORDINATOR'S MESSAGE

Dear Readers,

As we wrap up another exciting semester in the Computer Science Department, it's time to take a moment to reflect on all that we've achieved — and to celebrate the community that makes it all possible.

From innovative projects and research breakthroughs to hackathons, guest lectures, and student-led initiatives, this term has been packed with energy, ambition, and creativity. Our students continue to push the boundaries of what's possible with technology, and it's inspiring to watch ideas take shape and evolve into impactful solutions.

This newsletter captures just a glimpse of that journey — the achievements, milestones, and moments that defined the semester. Behind this publication, though, is a dedicated team of student editors who deserve a special mention. Their hard work, attention to detail, and passion for storytelling have brought this issue to life.

A heartfelt thank you to our amazing student editorial team led by Subhranandan Deka and colleague Mr. Gautam Kr. Das — your efforts in collecting content, designing layouts, collecting stories and data, and ensuring every piece reflects the spirit of our department have truly made this newsletter something special. You've gone beyond documenting events; you've told our story.

As we look forward to a new semester, let's carry forward the same enthusiasm and commitment to learning, sharing, and growing — together.
We're also thrilled to welcome Prof. Ramesh Vatambeti to the department! With expertise in Mobile Ad-Hoc Networks, Network Security , Dr. Vatambeti brings a fresh perspective in both our classrooms and research spaces.

Happy reading, and here's another chapter of innovation and collaboration!

Warm regards,
Arindam Karmakar
Sanghamitra Nath
Faculty Coordinators
Dept of Computer Science and Engineering
Tezpur University

EDITORIAL

As a student of the Department of Computer Science and Engineering, I'm excited to share this edition of our departmental newsletter with you. This isn't just about news and updates — it's about capturing the spirit of our journey, the efforts we put in, and the moments that make our department special.

In these pages, you'll find glimpses of our achievements, creativity, and the experiences that connect us as a community. I hope it inspires you as much as it inspired me while putting it together.

I'd like to thank everyone who shared their ideas, time, and contributions. I'm especially grateful to the faculty members for their constant guidance and support, without which this newsletter wouldn't have been possible. This newsletter is truly a reflection of our department, and we are proud to present it to you.
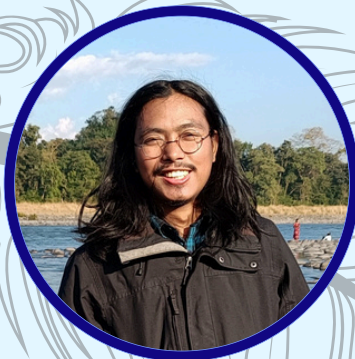
Subhranandan Deka,
Student Editor,
B. Tech 7th Semester,
Dept. of CSE

In Loving Memory

  The Department of Computer Science and Engineering deeply condoles the untimely demise of three of our students. Their sudden passing has cast a deep sense of sorrow across the department. We extend our sincere condolences to their families and loved ones.

Koncheng Dutta
B. Tech, Batch '27
D.O.D: 25/05/2024

Sunny Deep Basumatary
Ph. D
D.O.D.: 22/06/2025

Sanoj Kumar
MCA, batch 24
D.O.D.: 03/01/2024

  May their souls rest in peace. Their memory will forever remain in our hearts and minds.

Alumni meet

Department of Computer Science and Engineering, Tezpur University

The alumni meet brought together former students from various graduating batches, creating a vibrant atmosphere of nostalgia and connection. Alumni shared heartfelt memories of their time at the university, reflecting on the academic and personal experiences that shaped their journeys. Many spoke about their current professional roles across diverse industries and how the foundational years spent in the Department played a significant role in their growth. The event served as a meaningful platform for exchanging experiences, strengthening alumni ties, and reaffirming their lasting connection with the university.

Alumni Talk
TOPIC: EDGE COMPUTING

Dr. PALLAV KUMAR DEB
M. Tech IT, Tezpur University ('17)
Lead Research Engineer Siemens Technology and Services Pvt. Ltd.

Dr. Pallav Deb is a Lead Research Engineer at Siemens, Bengaluru, with a PhD from IIT Kharagpur. He drives innovation in industrial technologies and has contributed to discussions on emerging tech like WebAssembly. His strong research background reflects a commitment to technological advancement.

EDGE COMPUTING

This talk explored how edge computing enabled real-time processing by bringing computation closer to data sources. It covered IoT use cases, key benefits, and industry applications, then shifted to Function-as-a-Service (FaaS) at the edge. Key focus areas included code portability, execution consistency, platform diversity, and resource optimization. Attendees gained insights into scaling FaaS and driving innovation in IoT, autonomous systems, and edge AI.

INVITED TALK
TOPIC: GEN AI IN BUSINESS TRANSFORMATION

SRIMANTA BHUYAN
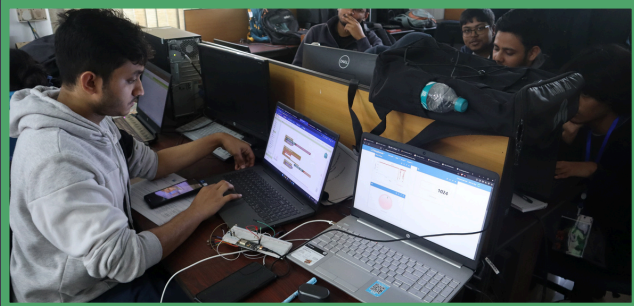*Director R&D, Software Product Development, Surecomp*

Srimanta Bhuyan is a seasoned technology leader with extensive R&D software development experience in Trade Finance, renewable energy, and engineering. He specializes in AI for Business, digitalization, and agile methodologies. A certified PMP and Agile Leader, he has built strong connections with trade finance leaders in Europe. Srimanta leads a skilled team of Java, C++, Trade2, and Delphi developers, delivering end-to-end digitalization solutions that enhance trade finance operations for global banks and corporates.

GENERATIVE AI

This talk explored how Generative AI is transforming businesses by automating creative processes, enhancing decision-making, and personalizing customer experiences. It showed how advanced machine learning models enable content generation, solution design, and scenario simulation with minimal human input. The session highlighted how this accelerates innovation, streamlines workflows, and delivers insights—helping companies boost efficiency and drive growth across industries.

Bootcamp on SDN, IoT and Network Slicing in 5G and beyond.

Sponsored by: MeitY ISEA (Phase III) project
Bootcamp 1 (5 days)

Resource Persons

Dr. Nabajyoti Medhi
Assistant Professor, Dept of CSE
SDN, SDN based security

Dr. Durlav Sonowal
Assistant Professor, Dept of ECE
IoT, Sensor interfacing

Dr. Md. Rahat Mahboob
Assistant Professor, Dept of EE
Building *IoT things*

Ms. Priyanka Bardalai
Principal Engineer, Starhub Singapore
Network Slicing *in 5g*

As part of the ISEA Phase III Bootcamp on "SDN, IoT and Network Slicing in 5G and Beyond" at Tezpur University, participants gained hands-on experience under experts Dr. Md Rahat Mahboob, Dr. Durlav Sonowal, and Dr. N. Medhi. The training featured IoT projects like smart home automation, smart irrigation, and health monitoring using NodeMCU ESP8266/ESP32 and diverse sensors, with Arduino IDE and platforms such as ThingSpeak, Blynk, and Arduino Cloud. In SDN, participants explored OpenFlow, network programmability, and practical exercises with Mininet and SDN controllers.

Faculty Development Programme (FDP)

Security Concerns in SDN, IoT, Healthcare and 5G/6G networks

The Department recently organized a Faculty Development Programme (FDP) on "Security Concerns in SDN, IoT, Healthcare, and 5G/6G Networks." The programme brought together faculty members and experts to discuss the latest advancements and pressing issues in these rapidly evolving domains. The sessions offered participants fresh perspectives on safeguarding next-generation technologies through insightful talks, interactive discussions, and case studies. It provided a valuable platform to explore challenges, share knowledge, and identify research opportunities in the ever-growing field of cybersecurity, thereby enriching both academic and professional growth.

Bootcamp on SDN, IoT and Network Slicing in 5G and beyond.

Sponsored by: MeitY ISEA (Phase III) project
Bootcamp 2 (3 days)

Resource Persons

Dr. Nabajyoti Medhi
Assistant Professor, Dept of CSE
SDN, SDN based security

Dr. Durlav Sonowal
Assistant Professor, Dept of ECE
IoT, Sensor interfacing

Dr. Md. Rahat Mahboob
Assistant Professor, Dept of EE
Building *IoT things*

The second phase of the ISEA Phase III Bootcamp on "SDN, IoT and Network Slicing in 5G and Beyond" at Tezpur University provided participants with renewed opportunities to strengthen their skills in IoT system design and SDN. Through repeated hands-on sessions with NodeMCU ESP8266/ESP32, diverse sensors, and platforms like ThingSpeak and Blynk, along with further practice using Mininet and SDN controllers, participants were able to reinforce their learning and gain greater confidence in implementing next-generation networking solutions.

FACULTY ACHIEVEMENTS

**Highlights of Notable Achievements
(Academic Year 2024–2025)**

Dr. Rosy Sarmah

**Associate Professor,
Department of Computer
Science and Engineering**

Dr. Debojit Boro

**Associate Professor,
Department of Computer
Science and Engineering**

Received grants of Rs. 25 Lacs each for 3 years for setting a start-up in the department where the project will be incubated by STPI. (OctaNE Challenge Program (OCP) 2023 under Software Technology Parks of India)

Dr. Nabajyoti Medhi

**Assistant Professor,
Department of Computer Science
and Engineering**

Received MeitY ISEA (Information Security and Education Awareness) Project Phase III - (Security in Distributed Wireless Networks-IoT/CPS,5G etc). Funding Agency: MeitY, Govt of India, Approx. fund: 1.4 Crores, duration: 2024-2029.

STUDENTS' CORNER

প্ৰফেচৰ দিলীপ কুমাৰ শইকীয়া : এক বিৰল ব্যক্তিত্ব

এম টেক পাঠ্যক্ৰমৰ অন্তিম প্ৰজেক্টটোৰ কাম কৰি আছো তেতিয়া । এম টেকৰ শেষৰ বৰ্ষটো মোৰ বাবে অত্যন্ত ভয়ংকৰ আছিল । দ্বিতীয় ষান্মাসিকৰ পৰীক্ষা দি উঠাৰ পিছতেই দেউতাৰ অসুস্থতাৰ বাবে একেৰাহে তিনিমাহ হস্পিটালত থাকিবলগীয়া হৈছিল। তাৰ পিছতেই ভুল চিকিৎসাৰ বলি হৈ দেউতাৰ পৰলোক গমণে মোক একেবাৰে অস্থিৰ আৰু হতাশ কৰি তুলিছিল । তাৰ লগতে আকৌ তীব্ৰ আৰ্থিক সংকট । এইবোৰৰ মাজতো বিশ্ববিদ্যালয়লৈ গৈ অকলশৰীয়াকৈ এটা লেব'ৰেটৰীত কাম কৰি থাকো । তীব্ৰ হতাশাৰ বাবে বন্ধুসকলৰ লগতো কথা পাতিব মন নাযায় । আচলতে মই যিটো লেব'ৰেটৰীত বহো, সেইটো বি টেক পাঠ্যক্ৰমৰ বাবেহে আছিল। কিন্তু বন্ধুবোৰৰপৰা আতৰি থাকিবৰ বাবেহে মই অকলে তাত বহোঁগৈ ।

এদিন দুপৰীয়া কাম কৰি থকাৰ মাজতে ছাৰ এগৰাকী লেব'ৰেটৰীটোলৈ সোমাই আহিল। সেই সময়ত মই লেব'ৰেটৰীটোত অকলে আছিলো । সুন্দৰ আৰু পৰিপাটি পোছাক পৰিহিত দীৰ্ঘকায় ছাৰজনক চিনি পাওঁ যদিও ইমানদিনে মাত-কথা হোৱা নাছিল, কাৰণ তেখেতে আমাৰ কোনো বিষয় পঢ়োৱা নাছিল। মুখত মিচিকিয়া হাঁহি এটা লৈ ছাৰে নিজেই মোক মাত দিলে, "প্ৰজেক্টৰ কাম কৰি আছা?" মই "হয়" বুলি কোৱাত সুধিলে, "তুমি বি টেক নে এম চি এৰ?" মই উত্তৰ দিলো, " ছাৰ মই এম টেকৰ" । "আচ্ছা" বুলি কৈ ছাৰে নিজৰ কামত লাগিল । সম্ভৱত: ছাৰে নিজৰ কোনোবাটো ক্লাচৰ বাবে লেব'ৰেটৰীটো পৰীক্ষা কৰিবলৈ আহিছিল । মাজতে মোকো কিবা অলপমান সহায় কৰি দিবলৈ ক'লে । কিছুদেৰি পিছত ছাৰ ওলাই গ'ল । যোৱাৰ আগতে অৱশ্যে মোক এটা ধন্যবাদ দি যাবলৈ নাপাহৰিলে । ছাৰৰ ব্যক্তিত্বত মোহিত হৈ ছাৰ যোৱাৰ লগে লগে মই ইউনিভাৰ্চিটিৰ ৱেবচাইটটো খুলি ছাৰৰ প্ৰফাইলটো চালো । হয়, সেয়া হেছে তেজপুৰ বিশ্ববিদ্যালয়ৰ কম্পিউটাৰ চায়েন্স আৰু ইঞ্জিনীয়াৰিং বিভাগৰ জেষ্ঠ অধ্যাপক (প্ৰফেচৰ) দিলীপ কুমাৰ শইকীয়া ছাৰ । তাৰ পিছৰেপৰাই বিগত বছৰবোৰক ছাৰক একেবাৰে ওচৰৰপৰা দেখি আহিছো । মৃদুভাষী ছাৰৰ বিষয়ে বিশ্ববিদ্যালয়ৰ বিভিন্ন অনুষ্ঠানবোৰত লাহে লাহে আৰু অধিক জানিবলৈ পাৰিলো । অসমত কম্পিউটাৰ কি বস্তু তাক কোনেও নজনা সময়তে ছাৰে ক্ৰমে আই আই টি মাদ্ৰাজ আৰু আই আই টি খৰগপুৰৰপৰা কম্পিউটাৰ ইঞ্জিনীয়াৰিঙত এম টেক আৰু পি এইচ ডি ডিগ্ৰী লৈ আহিছিল। দীৰ্ঘদিন যোৰহাট ইঞ্জিনীয়াৰিং কলেজত অধ্যাপনা কৰাৰ লগতে তেখেতে এন আই টি, মেঘালয়ৰ ডাইৰেক্টৰৰ পদো অলংকৃত কৰিছিল । তেখেতৰ কেইবাজনো ছাত্ৰ প্ৰফেচৰ শৰৎ চহৰীয়া, প্ৰফেচৰ নিত্যানন্দ শৰ্মা, প্ৰফেচৰ উৎপল শৰ্মা আদি তেজপুৰ বিশ্ববিদ্যালয়ৰ শিক্ষক হোৱাৰ লগতে তেখেতেও আহি তেজপুৰ বিশ্ববিদ্যালয়ত যোগদান কৰে । । ছাৰৰ এইসকল ছাত্ৰ তথা আমাৰ শিক্ষাগুৰুসকলৰপৰা গম পাইছিলো যে ছাৰে উপৰোক্ত তিনিওখন শিক্ষানুষ্ঠানতেই কম্পিউটাৰ বিজ্ঞান বিষয়টোক জনপ্ৰিয় আৰু ফলপ্ৰসূ কৰিবলৈ যথেষ্ট কষ্ট কৰিবলগীয়া হৈছিল ।

প্ৰথমে যেতিয়া সীমিত সা-সুবিধাৰে যোৰহাট ইঞ্জিনীয়াৰিং কলেজত কম্পিউটাৰ ইঞ্জিনীয়াৰিঙৰ পাঠ্যক্ৰমবোৰ আৰম্ভ কৰিছিল, সেই সময়ত তেখেতে আনকি নিজেই স্ক্ৰু-ড্ৰাইভাৰ লৈ প্ৰায়েই

কম্পিউটাৰবোৰ ভাল কৰিবলগীয়াও হৈছিল । আজিকালিৰ কম্পিউটাৰ বিজ্ঞানৰ স্নাতকৰ দৰে কেৱল চফটৱেৰৰ বিভাগতে সীমাবদ্ধ নাথাকি তেখেতে একেলগে চফটৱেৰ, হাৰ্ডৱেৰ, নেটৱৰ্কিঙৰ সকলো ক্ষেত্ৰতেই বিশাৰদ আছিল । তেজপুৰ বিশ্ববিদ্যালয়লৈ অহাৰ পিছত তেখেতে কেৱল কম্পিউটাৰ বিজ্ঞান আৰু অভিযান্ত্ৰিক বিভাগৰ মূৰব্বী হোৱাই নহয়, বিশ্ববিদ্যালয়ৰ কম্পিউটাৰ চেণ্টাৰটোৰো হেড হিচাপে দায়িত্ব লৈ বিশ্ববিদ্যালয় প্ৰশাসনৰ সমুহ মেনুৱেল ব্যৱস্থাক কম্পিউটাৰাইজড কৰাৰ ক্ষেত্ৰত আমূল পৰিৱৰ্তন সাধন কৰে । ইয়াৰ উপৰিও তেখেতৰ প্ৰশাসনিক দক্ষতাৰ বাবে তেখেতে বিশ্ববিদ্যালয়ৰ প্ৰতি-উপাচাৰ্যৰ পদো অলংকৃত কৰাৰ সুযোগ পায় । প্ৰফেচৰ দিলীপ কুমাৰ শইকীয়া ছাৰ একেধাৰে এগৰাকী কৃতি শিক্ষক, অভিযন্তা, প্ৰশাসক হোৱাৰ লগতে এগৰাকী বিশিষ্ট গৱেষকো । স্বাভাৱিকতেই তেখেতৰ বহুতো গৱেষণাপত্ৰ আন্তঃৰাষ্ট্ৰীয় গৱেষণা পত্ৰিকাত প্ৰকাশ হোৱাৰ লগতে তেখেতে কেইবাটাও গৱেষণা প্ৰকল্প সুচাৰুৰূপে সমাপ্ত কৰিছে । পিছে শিক্ষাদানৰ প্ৰতি থকা দুৰ্বাৰ হাবিয়াসৰ বাবে তেখেতে গৱেষণাৰ দিশতকৈ শিক্ষাদানৰ দিশতহে বেছি গুৰুত্ব দিছিল ।

মাদ্ৰাজ বিশ্ববিদ্যালয়ৰ অভিযান্ত্ৰিক স্নাতক প্ৰফেচৰ দিলীপ শইকীয়া ছাৰে আই আই টি, মাদ্ৰাজ আৰু আই আই টি খৰগপুৰৰপৰা ক্ৰমে কম্পিউটাৰ ইঞ্জিনীয়াৰিঙত এম টেক আৰু পি এইছ ডি ডিগ্ৰী লাভ কৰিছিল । প্ৰথমে এইচ চি এল কোম্পানীত এগৰাকী কম্পিউটাৰ অভিযন্তা হিচাপে কৰ্মজীৱন আৰম্ভ কৰা ছাৰে পিছে শিক্ষকতাৰ প্ৰতি থকা ঢাউতিৰ বাবে সেই চাকৰি বাদ দি অৰুনাচল প্ৰদেশৰ নেৰিষ্টৰ এগৰাকী প্ৰৱক্তা হিচাপে যোগদান কৰে । কিছুদিনৰ পিছতেই তেখেতে যোৰহাট অভিযান্ত্ৰিক মহাবিদ্যালয়ৰ এগৰাকী সহকাৰী অধ্যাপক হোৱাৰ সুযোগ পায় । কিছুদিনৰ বাবে অসম অভিযান্ত্ৰিক মহাবিদ্যালয়ৰো অধ্যাপক হিচাপে কাম কৰাৰ সুযোগ পোৱাৰ পিছত তেখেতে তেজপুৰ বিশ্ববিদ্যালয়ৰ এগৰাকী অধ্যাপক হিচাপে যোগদান কৰে । ইয়াৰ মাজতেই ২০১১ চনত মেঘালয় এন আই টি প্ৰতিষ্ঠা হোৱাৰ সময়ত তেখেতক এই প্ৰতিষ্ঠানখনৰ সঞ্চালক হিচাপে আমন্ত্ৰণ কৰি নিয়ে আৰু ২০১১ চনৰপৰা ২০১৬ চনলৈ তেখেতে এই দায়িত্ব সমাপন কৰে ।

তেজপুৰ বিশ্ববিদ্যালয়ত যোগদান কৰাৰ পিছত তেখেতে অধ্যাপক হিচাপে কাম কৰাই নহয়, প্ৰথমে বিভাগীয় মূৰব্বী আৰু পিছলৈ একেৰাহে প্ৰায় ১২ বছৰ সম্পূৰ্ণ "অভিযান্ত্ৰিক বিদ্যাপীঠ"ৰ মূৰব্বী হিচাপে কাৰ্যনিৰ্বাহ কৰে । তেখেতৰ এই প্ৰশাসনিক দক্ষতাৰ বাবে তেখেতক তেজপুৰ বিশ্ববিদ্যালয়ৰ প্ৰতি-উপাচাৰ্যৰ দায়িত্বও অৰ্পণ কৰা হৈছিল আৰু তেখেতে সেই দায়িত্বও সুচাৰুৰূপে সমাপন কৰে ।

কেৱল তেজপুৰ বিশ্ববিদ্যালয়তেই নহয়, প্ৰফেচৰ দিলীপ শইকীয়া ছাৰ উত্তৰ-পূৰ্বাঞ্চলৰ কেইবাখনো উচ্চ-শিক্ষানুষ্ঠানৰ পৰিচালনা সমিতিৰ লগত জড়িত । তাৰ ভিতৰত আই আই টি, গুৱাহাটী, আই আই আই টি, গুৱাহাটী, নেৰিষ্ট, নেহু, ত্ৰিপুৰা ইউনিভাৰ্চিটি, গুৱাহাটী বিশ্ববিদ্যালয় আদি উল্লেখযোগ্য । এই সকলোবোৰ বিশ্ববিদ্যালয়তে কম্পিউটাৰ বিজ্ঞান আৰু অভিযান্ত্ৰিক পাঠ্যক্ৰমসমূহ আৰম্ভণি আৰু সম্প্ৰসাৰণ কৰাৰ ক্ষেত্ৰত ছাৰৰ উল্লেখযোগ্য অৱদান আছে ।

বহুতো কীৰ্তিমান ব্যক্তিয়েই নিজৰ কৰ্মজীৱন দক্ষতাৰে সমাপন কৰি আতৰি যায়, কিন্তু এইসকল কীৰ্তিমানৰ কৰ্মৰাজিৰ বিষয়ে নিৰ্দিষ্ট কিছুসংখ্যক ব্যক্তিৰ বাহিৰে আনে গমকে নাপায় । অসম,

Students' Corner

কম্পিউটাৰবোৰ ভাল কৰিবলগীয়াও হৈছিল । আজিকালিৰ কম্পিউটাৰ বিজ্ঞানৰ স্নাতকৰ দৰে কেৱল চফটৱেৰ বিভাগতে সীমাবদ্ধ নাথাকি তেখেতে একেলগে চফটৱেৰ, হাৰ্ডৱেৰ, নেটৱৰ্কিঙৰ সকলো ক্ষেত্ৰতেই বিশাৰদ আছিল । তেজপুৰ বিশ্ববিদ্যালয়লৈ অহাৰ পিছত তেখেতে কেৱল কম্পিউটাৰ বিজ্ঞান আৰু অভিযান্ত্রিক বিভাগৰ মূৰব্বী হোৱাই নহয়, বিশ্ববিদ্যালয়ৰ কম্পিউটাৰ চেণ্টাৰটোৰো হেড হিচাপে দায়িত্ব লৈ বিশ্ববিদ্যালয় প্ৰশাসনৰ সমূহ মেনুৱেল ব্যৱস্থাক কম্পিউটাৰাইজড কৰাৰ ক্ষেত্ৰত আমূল পৰিৱৰ্তন সাধন কৰে । ইয়াৰ উপৰিও তেখেতৰ প্ৰশাসনিক দক্ষতাৰ বাবে তেখেতে বিশ্ববিদ্যালয়ৰ প্ৰতি-উপাচাৰ্য্যৰ পদো অলংকৃত কৰাৰ সুযোগ পায় । প্ৰফেচৰ দিলীপ কুমাৰ শইকীয়া ছাৰ একেধাৰে এগৰাকী কৃতি শিক্ষক, অভিযন্তা, প্ৰশাসক হোৱাৰ লগতে এগৰাকী বিশিষ্ট গৱেষকো । স্বাভাৱিকতেই তেখেতৰ বহুতো গৱেষণাপত্ৰ আন্ত:ৰাষ্ট্ৰীয় গৱেষণা পত্ৰিকাত প্ৰকাশ হোৱাৰ লগতে তেখেতে কেইবাটাও গৱেষণা প্ৰকল্প সুচাৰুৰূপে সমাপ্ত কৰিছে । পিছে শিক্ষাদানৰ প্ৰতি থকা দুৰ্বাৰ হাবিয়াসৰ বাবে তেখেতে গৱেষণাৰ দিশতকৈ শিক্ষাদানৰ দিশততহে বেছি গুৰুত্ব দিছিল ।

Dr. Dilip Kumar Sailkia,
Professor,
Department of Computer Science and
Engineering, Tezpur University
Date of joining: **18th February, 1997**
Date of retirement: **31st January, 2024**

মাদ্ৰাজ বিশ্ববিদ্যালয়ৰ অভিযান্ত্রিক স্নাতক প্ৰফেচৰ দিলীপ শইকীয়া ছাৰে আই আই টি, মাদ্ৰাজ আৰু আই আই টি খৰগপুৰৰপৰা ক্ৰমে কম্পিউটাৰ ইঞ্জিনীয়াৰিঙত এম টেক আৰু পি এইছ ডি ডিগ্ৰী লাভ কৰিছিল । প্ৰথমে এইচ চি এল কোম্পানীত এগৰাকী কম্পিউটাৰ অভিযন্তা হিচাপে কৰ্মজীৱন আৰম্ভ কৰা ছাৰে পিছে শিক্ষকতাৰ প্ৰতি থকা ঢাউতিৰ বাবে সেই চাকৰি বাদ দি অৰুনাচল প্ৰদেশৰ নেৰিষ্টৰ এগৰাকী প্ৰৱক্তা হিচাপে যোগদান কৰে । কিছুদিনৰ পিছতেই তেখেতে যোৰহাট অভিযান্ত্রিক মহাবিদ্যালয়ৰ এগৰাকী সহকাৰী অধ্যাপক হোৱাৰ সুযোগ পায় । কিছুদিনৰ বাবে অসম অভিযান্ত্রিক মহাবিদ্যালয়ৰো অধ্যাপক হিচাপে কাম কৰাৰ সুযোগ পোৱাৰ পিছত তেখেতে

তেজপুৰ বিশ্ববিদ্যালয়ৰ এগৰাকী অধ্যাপক হিচাপে যোগদান কৰে । ইয়াৰ মাজতেই ২০১১ চনত মেঘালয় এন আই টি প্ৰতিষ্ঠা হোৱাৰ সময়ত তেখেতক এই প্ৰতিষ্ঠানখনৰ সঞ্চালক হিচাপে আমন্ত্ৰণ কৰি নিয়ে আৰু ২০১১ চনৰপৰা ২০১৬ চনলৈ তেখেতে এই দায়িত্ব সমাপন কৰে ।

তেজপুৰ বিশ্ববিদ্যালয়ত যোগদান কৰাৰ পিছত তেখেতে অধ্যাপক হিচাপে কাম কৰাই নহয়, প্ৰথমে বিভাগীয় মূৰব্বী আৰু পিছলৈ একেৰাহে প্ৰায় ১২ বছৰ সম্পূৰ্ণ "অভিযান্ত্রিক বিদ্যাপীঠ"ৰ মূৰব্বী হিচাপে কাৰ্য্যনিৰ্বাহ কৰে । তেখেতৰ এই প্ৰশাসনিক দক্ষতাৰ বাবে তেখেতক তেজপুৰ বিশ্ববিদ্যালয়ৰ প্ৰতি-উপাচাৰ্য্যৰ দায়িত্বও অৰ্পণ কৰা হৈছিল আৰু তেখেতে সেই দায়িত্বও সুচাৰুৰূপে সমাপন কৰে ।

কেৱল তেজপুৰ বিশ্ববিদ্যালয়তেই নহয়, প্ৰফেচৰ দিলীপ শইকীয়া ছাৰ উত্তৰ-পূৰ্বাঞ্চলৰ কেইবাখনো উচ্চ-শিক্ষানুষ্ঠানৰ পৰিচালনা সমিতিৰ লগত জড়িত । তাৰ ভিতৰত আই আই টি, গুৱাহাটী, আই আই আই টি, গুৱাহাটী, নেৰিষ্ট, নেহু, ত্ৰিপুৰা ইউনিভাৰ্চিটি, গুৱাহাটী বিশ্ববিদ্যালয় আদি উল্লেখযোগ্য ।

Students' Corner

এই সকলোবোৰ বিশ্ববিদ্যালয়তে কম্পিউটাৰ বিজ্ঞান আৰু অভিযান্ত্ৰিক পাঠ্যক্ৰমসমূহ আৰম্ভণি আৰু সম্প্ৰসাৰণ কৰাৰ ক্ষেত্ৰত ছাৰৰ উল্লেখযোগ্য অৱদান আছে ।

বহুতো কীৰ্তিমান ব্যক্তিয়েই নিজৰ কৰ্মজীৱন দক্ষতাৰে সমাপন কৰি আতৰি যায়, কিন্তু এইসকল কীৰ্তিমানৰ কৰ্মৰাজিৰ বিষয়ে নিৰ্দিষ্ট কিছুসংখ্যক ব্যক্তিৰ বাহিৰে আনে গমকে নাপায় । অসম, অৰুনাচল প্ৰদেশ, মেঘালয় আৰু ত্ৰিপুৰাত কম্পিউটাৰ বিজ্ঞান বিষয়ৰ বিভিন্ন পাঠ্যক্ৰমসমূহ আৰম্ভণি কৰাৰ ক্ষেত্ৰত প্ৰফেচৰ দিলীপ শইকীয়া ছাৰৰ যথেষ্ট অৰিহনা আছে । আমি জানিব পৰা মতে ছাৰে বহুকেইখন বিশ্ববিদ্যালয়ৰ পাঠ্যক্ৰমসমূহ ডিজাইন কৰাৰ ক্ষেত্ৰতো গুৰুত্বপূৰ্ণ ভূমিকা লৈছিল । ছাৰৰ বহুতো ছাত্ৰয়েই আজি ভাৰত তথা বিদেশতো কম্পিউটাৰৰ ইঞ্জিনীয়াৰিঙৰ শিক্ষক হোৱাৰ লগতে এইখন ক্ষেত্ৰলৈ বহুতো গুৰুত্বপূৰ্ণ অৱদানো আগবঢ়াই গৈ আছে । কিন্তু এইজন বিশিষ্ট কম্পিউটাৰ বিজ্ঞানীয়ে যোৱা ২৯ জানুৱাৰী, ২০২৮ তাৰিখে বিশ্ববিদ্যালয়ৰ কৰ্মজীৱনৰপৰা অৱসৰ লোৱাৰ খবৰটো কিন্তু এটা ডিপাৰ্টমেণ্ট আৰু বিশ্ববিদ্যালয় কতৃপক্ষৰ মাজতেই সীমাবদ্ধ হৈ ৰৈ গ'ল । অন্য বহুতো অনাৱশ্যকীয় খবৰক লৈ গুজবৰ সৃষ্টি কৰি থকা চচিয়েল মেডিয়া, প্ৰিণ্ট মেডিয়া বা ডিজিটেল মেডিয়া কতোৰেই ছাৰৰ দৰে ব্যক্তিসকলৰ কৰ্মৰাজিক লৈ কোনো আলোচনা নোহোৱাটোৱে আমাক সঁচাকৈয়ে বৰ হতাশ কৰে । প্ৰফেচৰ শইকীয়া ছাৰৰদৰে ব্যক্তিৰ ব্যক্তিত্বৰপৰা আমাৰ সমাজৰ বহুত কথাই শিকিবলগীয়া থাকে, কিন্তু সমাজত এনেকুৱা ব্যক্তিসকল সদায় প্ৰচাৰবিমুখ হৈয়েই থাকি যায় । সফলতাৰ শীৰ্ষত থাকিও কিদৰে এটা সৎ আৰু আড়ম্বৰবিহীন সৰল জীৱন কটাব পাৰি, তাৰ জলন্ত উদাহৰণ তেজপুৰ বিশ্ববিদ্যালয়ৰ প্ৰায়সকল শিক্ষাগুৰুৰ ক্ষেত্ৰতেই দেখি আহিছো । তেজপুৰ বিশ্ববিদ্যালয়ৰ আভ্যন্তৰিণ পৰিৱেশৰ সৈতে পৰিচিত প্ৰায়সকল ব্যক্তিয়েই নিশ্চয় এই কথা জানে । বিশেষকৈ আমাৰ কম্পিউটাৰ বিজ্ঞান আৰু অভিযান্ত্ৰিক বিভাগৰ প্ৰতিজন শিক্ষকৰ ক্ষেত্ৰতেই এই কথা আখৰে আখৰেই সত্য । আশাকৰো এইসকল ব্যক্তিৰ কথা সমাজত আলোচনা হ'ব যাতে নতুন প্ৰজন্মই এইসকল ব্যক্তিৰ আদৰ্শৰে অনুপ্ৰাণিত হৈ এখন সুস্থিৰ সমাজ গঢ়াত আগভাগ ল'ব পাৰিব । শেষত প্ৰফেচৰ দিলীপ কুমাৰ শইকীয়া ছাৰৰ অৱসৰোত্তৰ জীৱনলৈ হিয়াভৰা শুভকামনা জনোৱাৰ লগতে তেখেতৰ সু-স্বাস্থ্য, অধিক কৰ্মোদ্যম আৰু দীৰ্ঘজীৱন কামনা কৰিছো ।

অঞ্জন কুমাৰ শৰ্মা,
গৱেষক ছাত্ৰ,
কম্পিউটাৰ বিজ্ঞান আৰু অভিযান্ত্ৰিক বিভাগ

The Inevitable

People's different theories about death have always intrigued me. As a 12 year old, I came across the Harry Potter series. Most already know it as the story of a young Harry who discovers he's a wizard, steps into the wizarding world and then kills the dark lord, Voldemort. Beneath the spells and sorcery, I tend to see a quiet reminder about the inevitable- death.

The story of the antagonist revolves around his various tried methods to conquer death, only to fall into its clutches in the end. Even as a young reader what struck me, apart from the story being about the fight between good and evil, is about the perception of death by different people. Voldemort feared the idea of death so much that to escape it, he tore his soul into seven pieces, and became less human with every tear.
  In the same fandom, in a book named 'The Tales of Beedle the Bard', I stumbled upon the story- 'The Tale of the Three Brothers'. A story of three brothers- where each brother represents a different response to mortality: the first seeks power, the second seeks reunion, and the third seeks peace. The first brother's hunger for power ends in betrayal — showing how the pursuit of power over death can lead to one's downfall. The second brother, unable to let go of a lost loved one, is consumed by grief. His story becomes a quiet gentle reminder of how clinging to the past can be equally destructive as denying the future. It is the third brother, the one who accepts death rather than fears it, who finds a kind of freedom. He doesn't try to defeat death- he simply lives wisely and in peace and when the time comes, greets death "as an old friend." That image has stayed with me ever since I first read it. It offers not fear, but peace; not denial, but understanding.

Albus Dumbledore said- "To the well-organized mind, death is but the next great adventure." This line stayed with me till this very day- not only because of its profoundness but also because of its very different and unusual take on death. In a society where death is spoken of with unease, here it suggested death being a very part of life itself. I found something very powerful about this irony.

Where 'The Tale of the Three Brothers' taught me that death can be greeted as an old friend, The Book Thief by Markus Zusak reminded me that death also watches, waits, and most surprisingly- feels. The book is set in Nazi Germany, and is narrated by Death itself- not as a villain, but as an observant and weary presence burdened by what it sees. Through Death's eyes, we witness the life of Liesel, a girl who steals books and, in doing so, steals moments of meaning and resistance in the world. What makes the novel striking is how death is not portrayed as cruel, but almost compassionate- a witness to both the horror

and beauty of humanity. In one of the most haunting lines, Death says: "I am haunted by humans." That single sentence captures the very irony I found so compelling- that Death, often feared by us, fears what we are capable of. The Book Thief doesn't just talk about death — it explores what it means to live in the shadow of it, to find small joys in stolen books and acts of defiance. It shows how stories themselves can become a way to survive, to remember, and to make sense of the senseless.

If The Book Thief gave death a voice, A Man Called Ove by Fredrik Backman gave it silence — the kind that lingers in the absence of someone deeply loved. At first glance, Ove seems like a grumpy, stubborn fifty-nine year old man- with rigid routines and cold manners. But as the story unfolds, we discover the tender weight of his grief: the death of his beloved wife Sonja has left his world hollow and without colour. Death, for Ove, is not a fear- it's a destination. Something he welcomes quietly. But what makes the novel so quietly powerful is that, through unexpected human connections, life keeps tugging at him- through neighbours who refuse to leave him alone, a stray cat that won't go away, and the simple, persistent kindness of others.

In fiction, death is not always the end- sometimes, it's the beginning of understanding. Whether it's Dumbledore calling it "the next great adventure," Death confessing "I am haunted by humans," or Ove discovering that life still waits for him in the laughter of neighbours and the purring of a stray cat- each story has reminded me that death does not diminish the value of life; it defines it. Perhaps that's why these stories stay with us. Not because they avoid the idea of death - but because they face it with honesty, with grace, and with the quiet reminder that what we do before the end is what makes the ending worth something.

"Death is a strange thing. People live their whole lives as if it does not exist, and yet it's often one of the great motivations for living. Some of us, in time, become so conscious of it that we live harder, more obstinately, with more Some need its constant presence to even be aware of its antithesis. Others become so preoccupied with it that they go into the waiting room long before it has announced its arrival. We fear it, yet most of us fear more than anything that it may take someone other than ourselves. For the greatest fear of death is always that it will pass by us. And leave us there alone."
-Fredrik Backman

Anwesha Saharia,
B. Tech 5th Semester
Dept. of CSE

Students' Corner

Bridging the Gap: A Five-Day Workshop on Artificial Intelligence and Data Science

From March 4–8, 2024, I had the opportunity to attend a workshop on Artificial Intelligence and Data Science organized by the Department of Computer Science & Engineering, Tezpur University. The workshop provided a comprehensive introduction to AI, data science, and machine learning, combining theoretical lectures with hands-on training using Python.

Key topics included probability and statistics, supervised and unsupervised learning, exploratory data analysis, data visualization, Natural Language Processing, computer vision, deep learning, reinforcement learning, IoT, Blockchain, and Explainable AI. The sessions were conducted by experts from IITs, NITs, international universities, and industry, offering valuable insights into real-world applications of AI across sectors like healthcare, finance, and marketing.

A particularly engaging session focused on Explainable AI (XAI)—a crucial area aimed at enhancing the transparency and trustworthiness of machine learning models. The discussions emphasized how black-box models can be made interpretable through techniques such as SHAP values, LIME, and attention mechanisms. For researchers working on sensitive or high-stakes applications, such as healthcare diagnostics or speech technologies for low-resource languages, XAI offers a pathway to not only improve accountability but also to validate model decisions with greater confidence.

As a researcher working on speech-to-speech translation for low-resource languages, I found the sessions on NLP and model interpretability particularly relevant to my doctoral work on the Tiwa language.

In addition to the technical depth, the workshop fostered cross-disciplinary engagement and collaboration, bringing together scholars, faculty, and professionals from diverse domains. Participants benefited not only from the high-quality lectures and hands-on lab sessions but also from well-organized logistics, including learning materials, refreshments, and certificates of participation. Overall, the workshop significantly enhanced my understanding of current AI trends and methodologies and has further motivated me to pursue responsible, interpretable, and impactful AI research.

Narotttam Bhattacharjee
Ph. D. Scholar, Dept. of CSE

From M.Tech Fellow to Ph.D. Scholar: My Tezpur University Journey Since 2020

It's hard to put into words the transformation that Tezpur University has brought into my life since I first stepped onto the campus in 2020. What started as an M.Tech student became a personal and academic odyssey, the one marked by resilience, risk, relationships and ultimately the realization.

Like most students of my batch, I began my M.Tech in the midst of the COVID-19 pandemic. The university's lush green lawns and serene corners remained out of reach, as we adjusted to virtual classrooms, unstable internet and the quiet frustration of staring at screens all day. But even in that digital void, something beautiful began. We forged friendships over shared project submission's stress, formed study groups in WhatsApp chats and bonded over the strangeness of it all.

When offline classes resumed, we met each other not just as batchmates but as long-lost friends reunited. The classrooms came alive with debates, brainstorming and bursts of laughter. We pulled all-nighters for project submissions, shared notes in the corridors and high-fived over debugged code.

And then there were the after-hours stories, the ones that defined the heart of my M.Tech experience.

Tezpur University at night has a calmness that invites conversation. And that's when our real classroom would begin. A typical night often involved sneaking past the security post (not the warden!) to enter a friend's hostel building. It became a ritual of sorts, one friend would keep watch, another would whisper directions through the phone and I'd tiptoe through corridors like a trained spy. Once inside, the magic began. We'd gather on narrow beds, sip tea from plastic cups, and talk. Talks about research, about fears, about crushes and about life. Some nights we laughed until we cried. Other nights we cried until someone cracked a joke. Those conversations grounded me more than any lecture ever could.

They weren't just hostel visits - they were lifelines.

As my M.Tech journey neared its end, the question loomed: What's next?

I wasn't sure. Then one day, out of the blue, I received a call from my M.Tech supervisor. I remember it vividly. He spoke calmly, yet with conviction: "You

should consider applying for the Ph.D. program. I think you'll thrive in research." That one call changed everything. The thought quietly took root and grew stronger with time. I applied for Ph.D., was selected and met a version of myself I never knew existed.

Beginning my Ph.D. was like diving into deeper waters. The coursework ended, but the real exploration just begun. I wasn't being taught anymore, I was expected to lead, think deeply, question assumptions and explore a whole new ideas. My work led me into bioinformatics and computational biology, focusing on gene expression analysis and malignant neoplasm diseases. The complexity of the problems was daunting, but also deeply rewarding. Every dataset told a new story. Every algorithmic tweak has the possibility of discovering something new.

The department remained as nurturing as ever, its faculty supportive, its research culture collaborative. Surrounded by mentors who pushed my limits, peers who uplifted me and a rhythm despite being exhausting sometimes felt deeply meaningful. Over the years, the Department of Computer Science and Engineering has not only equipped me with knowledge, but with a mindset one that values curiosity, rigor and resilience. It taught me that progress isn't always linear and that failure too, is a form of learning.

I owe much of my growth to the faculty who believed in me and to the environment that never stopped encouraging me to question, create and collaborate.

As I continue through my Ph.D. journey, I often find myself reflecting on how far I've come. From a wide-eyed M. Tech fellow navigating online classes, to a researcher delving into gene expression and computational biology, it's been a transformation I never fully anticipated.
And yet, every bit of it feels right.

All of it, the hostel sneak-ins, the supervisor's phone call, the endless cups of tea, the shared victories, the silent struggles, formed the mosaic of a life in motion, grounded in learning and discovery.

Tezpur University hasn't just given me a degree path. It's given me a journey. And that journey is still unfolding with purpose, passion, and pride.

Prayakhi Emee Dutta
Ph.D. Scholar, Department of CSE,

The AI Tsunami: Will India Sink or Swim? Education, Jobs & Survival Guide

Introduction: The AI wave Hitting All Shores

Artificial Intelligence has burst out of computer labs and is now transforming every aspect of human life. While global leaders like China integrate AI into farming tools and the U.S. implements it in courtrooms, India risks becoming a spectator in this revolution. The shocking truth? 85% of Indian graduates today lack basic AI literacy - a fatal gap in the coming decade.

1. AI's Cross-Industry Takeover (With Indian Examples)

a) Healthcare Revolution

- Global: Google's DeepMind solved the 50-year-old "protein folding problem"
- India's Wake-Up Call: Apollo Hospitals now using AI for cancer detection, but 90% medical colleges lack AI curriculum

b) Agricultural Transformation

- Gamechanger: IBM Watson helps Mahindra farmers increase yield by 30%
- Reality Check: Only 3% Indian agri-universities teach AI applications

c) Legal Disruption

- Shocking Fact: AI lawyer "DoNotPay" handles 10,000 cases monthly
- Indian Paradox: While Delhi High Court uses AI for case prediction, law schools still debate its inclusion

d) Creative Industries Under Fire

- Zee Music replaced 40% background composers with AI
- Times Group now generates 30% sports reports via AI

2. Global Race vs. India's Lag

China's War Footing:

- ₹12,00,000 crore investment by 2030
- AI textbooks mandatory from Class 3

America's Edge:

- $200 billion private sector AI spending
- Starbucks uses AI for 60% inventory management

India's Disturbing Reality:

- 72% engineering graduates unemployable in AI-driven market
- 1 AI expert per 10,000 students (China: 1 per 200)

3. Job Apocalypse - Real Cases in India

Indian Victims of AI:

- **BYJU'S** cut **5,000** sales jobs after AI chatbots took over
- **HDFC Bank** reduced **12,000** clerical positions
- **Swiggy** deployed AI for 40% customer queries

Future Shock:

- NITI Aayog predicts 40% traditional IT jobs gone by 2027
- Mumbai Dabbawalas training in AI logistics as tiffin-demand falls

4. Blueprint for Survival (Concrete Steps)

For Students Today

- **Free AI Starter Kit:**
  - Google AI Fundamentals (Free)
  - NPTEL's AI Course (IIT Madras)
  - Infosys Springboard (For non-tech students)

- **AI-ify Your Degree:**
  - BCom? Master TallyPrime with AI accounting
  - BA English? Learn AI content tools like Writesonic
  - BSc? Add Python programming

For Policy Makers

- Implement "AI Shakti Mission" (1 hour daily AI classes in all govt schools)
- Tax incentives for companies hiring AI-apprentices

For Professionals:

- Zomato delivery partners learning GIS route optimization
- Mumbai taxi drivers adopting AI-powered ride-sharing apps

5. The Silver Lining - India's AI Opportunities

Emerging AI Jobs:

- AI Yoga Trainer (Combining ancient knowledge with tech)
- Local Language AI Trainer (For Hindi, Tamil LLMs)
- AI-Powered Farming Consultant

Success Stories:

- Kerala fisherman using AI to predict fishing zones
- Punjab farmers detecting crop diseases via WhatsApp AI bots

Conclusion: The Final Countdown

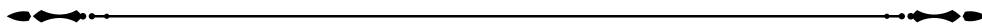The next 36 months will decide India's position in the AI world order. As Ratan Tata warns: "Either ride the AI wave or drown in obsolescence."

Your Move:

- Enroll in one AI course this week
- AI-fy one skill in your current studies
- Share this article with 3 friends

"10 साल पहले English नहीं आती थी तो पिछड़ गए, आज AI नहीं आएगी तो इतिहास बन जाओगे!"

Vikas Kumar
B. Tech 3rd sem,
Dept. of CSE

Patience: The Forgotten Virtue

1. Introduction

In a world where everything is a click away, patience has slipped from our lives. We expect instant replies, success, and happiness, amplified by social media's endless scroll for enter tainment and validation. Waiting feels uncomfortable, yet the wisdom of great philosophers reminds us that meaningful growth takes time.

2. Philosophical Perspectives

Socrates said, "An unexamined life is not worth living," requiring patience with ourselves and understanding's slow unfolding. Plato linked self-mastery, virtue's foundation, to patient re f lection. Buddhisms "Kshanti" (forbearance) is a path to peace, cooling angers fires. Confucius emphasized patience in character-building and relationships, while Lao Tzu taught life flows like a river, navigable only by the patient.

3. Patience in Daily Life

Patience is an active strength: students preparing for exams, farmers awaiting crops, and artists perfecting crafts rely on it. In relationships, it prevents conflicts through listening, forgiving, and allowing time to heal.

4. East meets West

From Plato to Buddha, Confucius to Lao Tzu, this forgotten virtue reminds us that true growth, love, and understanding blossom in their own time.

Ayush Sinha
B. Tech 3rd sem
Dept. of CSE

STUDENTS' ACHIEVEMENTS

**Highlights of Notable Student Achievements
(Academic Year 2024–2025)**

GATE Examination

Mr. Debasish Bordoloi

Student of B.Tech (CSE) secured
AIR: 93, with total score **883** in GATE
CS (2025), while in his pre-final year

Ms Darshana Baruah

A 2023 graduate from the Dept.
of CSE, securing AIR 189 in
GATE CS (2025) examination

List of students qualifying GATE in the year 2025

NAME	GATE SCORE	AIR
Debasish Bordoloi	883	93
Rahul Paul	706	1197
Deepjyoti Kakoti	685	1476
Ayan Barman	647	2140
Reehan Sarmah	585	3575
Udayan Kashyap	559	4455
Abhradeep Dey	556	4499
Chandrima Paul	549	4793
Harsh Kumar	543	5000
Subarno Mukherjee	559	4455
Sujal Kumar	506	6600
Kalyan Acharya	506	6600
Himanshu Kumar	503	6777
Subhranandan Deka	431	11650
Shrinivas Mishra	427	11986
Rohan Biswas	420	12652
Dibyasree Lahkar	385	16522
Soumyasish Sarkar	374	18041
Kaushal Rajkhungur Basumatary	343	23003
Tinkesh Kumar	321	27610
Anurag Brahma	284	36980
Dhritideepa Sarania	252	47480

STUDENTS' ACHIEVEMENTS

Highlights of Notable Student Achievements
(Academic Year 2024–2025)

UGC - NET Examination

List of students qualifying UGC NET in the year 2025

NAME	SHIFT	NET SCORE	RESULT
Pragyanur Saikia	Dec (2024)	186	NET JRF
Joyeeta Dowerah	Dec (2024)	190	NET AP
Purabi Choudhury	Dec (2024)	164	NET AP
Karan Mech	Dec (2024)	152	NET AP
Pinju Saikia	Dec (2024)	176	NET AP
Bir Chetry	Dec (2024)	156	NET AP

List of students qualifying CEED in the year 2025

NAME	SHIFT	SCORE	AIR
Hrishita Bhuyan	Dec (2024)	55.75	275

Mr. Harshit Mahla
B. Tech CSE, 2025 passout

Got admission into Direct PhD in **Georgia University USA** after B. Tech

Mr. Manjit Baishya
M. Tech, Data Science
Received the **2nd best paper award** for *TinyML-Powered Autism Spectrum Disorder Screening Using an Optimized Cat Boost Model* in **12th International conference** on Microelectronic Circuits and Systems, West Bengal, India. 10 - 11 May 2025

STUDENTS' ACHIEVEMENTS

**Highlights of Notable Student Achievements
(Academic Year 2024–2025)**

NOTABLE PLACEMENTS

Our students have secured prestigious placements in leading organizations, reflecting the department's commitment to excellence and industry readiness.

NAME	PROGRAM	ORGANIZATION	POSITION	PACKAGE
Kumar Aniket	MCA	Deloitte	PGET	Rs. 8.1 LPA
Anushka Goswami	MCA	TCS	Software Trainee	Rs. 7.38 LPA
Shashank Nath	M. Tech CSE	Sanjivani Group of Institute	Assistant Professor	Rs. 6 LPA
Anamika	M. Tech CSE	Sanjivani Group of Institute	Assistant Professor	Rs. 6 LPA
Aman Kumar Gupta	B. Tech CSE	VIOS (Vodafone Intelligent Solutions)	GET	Rs. 5 LPA
Vivek Rai	B. Tech CSE	VIOS (Vodafone Intelligent Solutions)	GET	Rs. 5 LPA
Om Anand	B. Tech CSE	VIOS (Vodafone Intelligent Solutions)	GET	Rs. 5 LPA
Harshit Mahla	B. Tech CSE	VIOS (Vodafone Intelligent Solutions)	GET	Rs. 5 LPA
Tamoghna saha	B. Tech CSE	Paynic Groups Ltd.	GET	Rs. 5 LPA
Lakhya Borah	MCA	Cotton University	JRF	Rs. 4 LPA
Suraj Kumar	B. Tech CSE	LTI Mindtree	GET	Rs. 4.3 LPA
Vivek Rai	B. Tech CSE	Antares Tech	Trainee Software Designer	Rs. 3.36 LPA
Monali	MCA	Tech Mahindra	Associate Software Engineer	Rs. 3.25 LPA

STUDENTS' ACHIEVEMENTS

Highlights of Notable Student Achievements
(Academic Year 2024–2025)

Achievements in TechXetra 2024

Students from our department have secured remarkable positions in various sports and events held during **TechXetra 2024**, the annual techno-cultural fest of Tezpur University.

NAME	PROGRAM	EVENT
Tuchar Chandra Das	B Tech CSE	Code Clash: Coding Contest
Subrojyoti Paul	MCA	Code Clash: Coding Contest
Sarkuru Engti	B Tech CSE	FrontEnd Frenzy
Shujan Mashuq Islam	B Tech CSE	FrontEnd Frenzy
Hrishikesh Gohain	B Tech CSE	Ideathon: Sustainathon
Prayakhi Emee Dutta	Ph. D	Poster Presentation (Research based)
Minhazur Rahman	MCA	Poster Presentation (Research based)
Debasish Bordoloi	B Tech CSE	HackXetra: Hackathon
Abhradeep Dey	B Tech CSE	HackXetra: Hackathon
Raj Raushan	B Tech CSE	HackXetra: Hackathon
Rishi Sarkar	B Tech CSE	HackXetra: Hackathon
Md Minhajuddin Ansari	MCA	Full Force: Sci-Tech Quiz
Md Minhajuddin Ansari	MCA	Full Sprint: Sports Quiz
Md Minhajuddin Ansari	MCA	Full Screen: MELA Quiz
Tapash Talukdar	B Tech CSE	Full Sprint: Sports Quiz
Tapash Talukdar	B Tech CSE	Full Screen: MELA Quiz
Tapash Talukdar	B Tech CSE	Full Frontier: NE-India Quiz
Abhilash Chutia	MCA	Full Screen: MELA Quiz
Suvrangshu Sonowal	B Tech CSE	Treasure Hunt
Antariksh Saikia	B Tech CSE	Triple Heat (3v3 Basketball)
Kalyan Acharya	B Tech CSE	Bullet Echo (E-Sports)
Abhishek Das	B Tech CSE	Bullet Echo (E-Sports)
Dhitiman Gogoi	B Tech CSE	Futsal

STUDENTS' ACHIEVEMENTS

**Highlights of Notable Student Achievements
(Academic Year 2024–2025)**

Achievements in AIU Nationals 2025

Students from our department have showcased outstanding talent by securing notable achievements in the **AIU Nationals** 2025, bringing pride and recognition to the department.

NAME	PROGRAM	EVENT
Bhaskar Jyoti Hazarika	B Tech CSE	Folk Orchestra
Tapash Talukdar	B Tech CSE	Western Vocal Solo
Minhazuddin Ansari	MCA	Quiz

EDITORIAL BOARD

Faculty Members

Dr. Arindam Karmakar
Associate Professor,
Dept. of CSE

Dr. Sanghamitra Nath
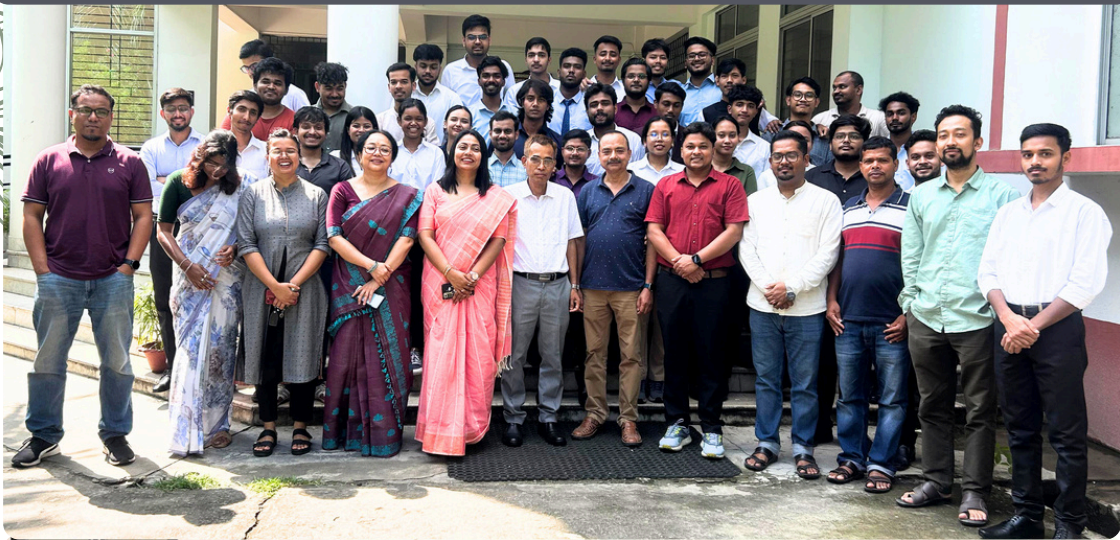Assistant Professor,
Dept. of CSE

Student Member

Subhranandan Deka
7th Semester
B. Tech CSE

Department of Computer Science and Engineering
School of Engineering
Tezpur University
Napaam, Sonitpur, Assam - 784028

Graduating batches of 2025

B. Tech Batch 2021-25

M. Tech Batch 2023-25

MCA Batch 2025

Convocation 2024

MCA Batch 2022-24

M. Tech Batch 2022-24

B. Tech Batch 2020-24

Department of Computer Science and Engineering,
School of Engineering, Tezpur University