INFINIUM 2025

Annual Student Magazine of the Department Computer Science & Engineering
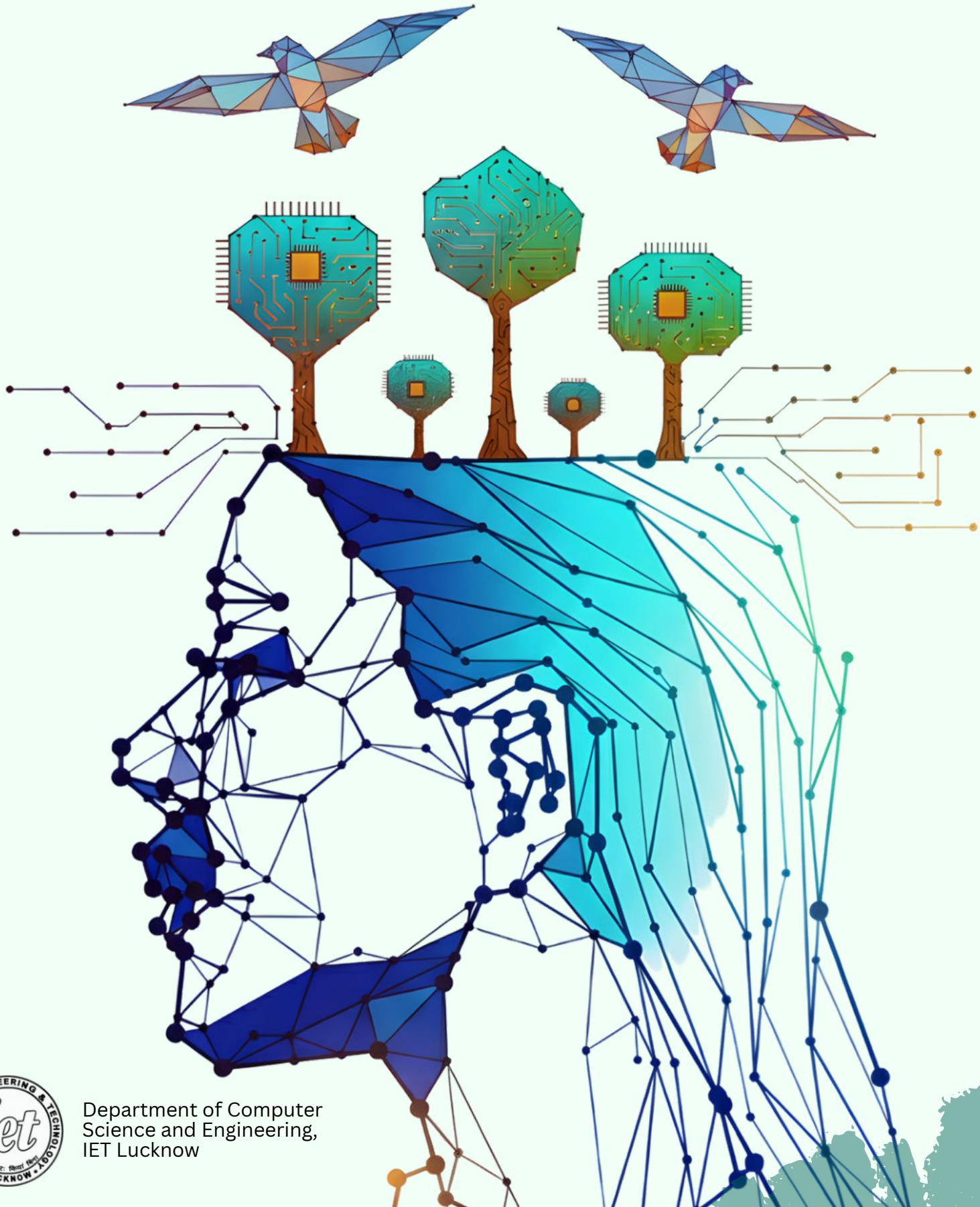
Department of Computer Science and Engineering, IET Lucknow

Words of the HOD

Message from the Head of Department

It is with great pride and pleasure that I present the Annual Student Magazine of the Department of Computer Science & Engineering, IET Lucknow. This publication stands as a testament to the academic rigor, innovative mindset, and creative excellence fostered within our department. It reflects the collective efforts and achievements of our students who consistently strive for excellence in education, research, and technological advancement.

I commend the editorial team and all contributors for their dedication, professionalism, and perseverance in bringing out this magazine. Their collaborative efforts have resulted in a platform that not only documents our academic journey but also inspires future endeavors and intellectual growth.

As the Head of the Department, I strongly encourage our students to remain committed to lifelong learning, innovation, and ethical professional practices. I urge them to leverage their knowledge and skills to address real-world challenges and contribute meaningfully to society. I extend my best wishes to the department for continued success in its academic, research, and outreach activities, and I am confident that we will continue to achieve greater milestones in the years ahead.

PROF. GIRISH CHANDRA
Head Of the Department

Vision and Mission of Department

VISION

To contribute at national and international scenario through excellence in science and technology by providing a transformative education and research in the field of computer science and engineering and to cultivate the attitude and skills of employability, entrepreneurship, start-up among students so that they can become a valuable resource not only for the industry but also for the society.

MISSION

- To achieve high academic standards and values to prepare computer science professionals who can augment the industrial, educational, research, innovations and social needs of the nation and the world at large.
- To provide the education to the students by rigorous course work etc. in such a way that they should be an excellent technocrat.
- To develop human technical potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can emerge in a range of professions to achieve the needs of society and industry.
- To preserve the core values as an enduring principle adopted by the department are integrity, excellence, transparency, and empathy.

Our Faculties

Table of
CONTENTS

> **Technology is anything that wasn't around when you were born, and in every generation it redefines how we work, learn and imagine the future.**

ACHIEVEMENTS

Recognizing the remarkable efforts and accomplishments that inspire our community.

Open Mic

Showcasing remarkable creativity and expressive finesse, Parth Mishra (2nd year) secured First Place in Poetry at the Open Mic event. His thoughtfully crafted verses, rich in emotion and clarity, captivated the audience from start to finish. What truly set Parth apart was not just his writing skill but also his powerful delivery, marked by confidence, rhythm, and strong stage presence. His ability to connect with listeners through words reflects a deep artistic maturity. Parth's achievement highlights the literary talent within our department and inspires others to explore their creative potential.

Thomso Zonals' 2025

Eleven students from the CSE Department, representing the Josh Club of IET Lucknow, secured First Position in the Nukkad Natak Competition at Zonals 2025, held at BBD University, Lucknow. The talented team—Aksh, Anurag, Ark, Nilesh, Nitin, Sagar, Samir, and Gunjan (all 2nd year), along with Kanika and Sarthak (3rd year)—performed a compelling act on the theme "Azadi." Their expressive delivery, impactful message, and excellent coordination left a strong impression on both judges and audience. This outstanding performance brought immense pride to the department and highlighted the creative strength of the Josh Club.

Bug n' Bae

In the "Bug and Bae" debugging contest conducted by GeeksforGeeks at our college, **Ritik Sharma** (CSE, 2nd year) secured the 1st rank. His outstanding performance reflected excellent coding logic and confidence under pressure. He has set a strong benchmark for his peers in competitive coding events.

Vidushi Pandey secured the 2nd rank in the "Bug and Bae" debugging contest, showcasing strong problem-solving and debugging skills. Her consistent accuracy in fixing errors made her stand out among the participants. She continues to be an active and inspiring contributor to the coding culture of the department.

Adarsh Gupta achieved the 3rd rank in the "Bug and Bae" event, displaying efficient and accurate debugging abilities. His focused approach and calm mindset contributed to his impressive performance. His achievement reflects the growing technical strength of students in the CSE Department.

Zonals' 25
AKTU

Marking an outstanding milestone in this year's sports events, **Niharika Rajput** (1st year) showcased remarkable talent and determination by securing a Bronze Medal in Javelin and a Gold Medal in Shotput. Her powerful performances reflected her dedication, discipline, and continuous hard work. Niharika's achievements not only highlight her individual excellence but also shine a positive light on our department's growing presence in athletics.

Javelin & Shotput

Kabaddi

Our department proudly celebrates the Kabbadi team's remarkable silver medal win at AKTU Zonals 2025. Competing with exceptional grit, confidence, and sportsmanship, our players demonstrated impressive teamwork and unwavering determination throughout the tournament. **Harsh Kumar** and **Deepraj Sengar** from 2nd year, along with **Shreyas Vats** from 3rd year, delivered truly outstanding performances that stood out at every stage. Their hard work, discipline, and commitment have brought immense pride to our department and continue to inspire fellow students to strive for excellence.

In a commendable display of teamwork, determination, and athletic excellence, our department proudly acknowledges the achievement of **Afkar Najmain** and **Aryan Rastogi**, both third-year students, who played a key role in securing the Bronze Medal in the 4x100 m relay race. Their impressive speed, coordination, and consistent practice were evident throughout the event, contributing significantly to their team's strong finish.

Relay 4x100m

Table Tennis

Showcasing remarkable focus, precision, and competitive spirit, **Prashasth Singh** (3rd year) earned a Silver Medal in Table Tennis, bringing pride and recognition to our department. Throughout the tournament, his sharp reflexes, strategic gameplay, and consistent determination set him apart from the competition. This achievement reflects his deep dedication to the sport and the hard work he has invested over time. Prashasth's success serves as an inspiration for many students to pursue their interests with confidence, discipline, and passion.

IIT BHU
Spardha 25

Our department proudly celebrates the impressive achievement of our Taekwondo team at Spardha, the prestigious three-day sports fest hosted by IIT BHU. Competing against strong contingents from top institutions like IIT Roorkee and IIT BHU, our students demonstrated remarkable skill, focus, and determination. Their disciplined practice and true sportsmanship stood out throughout the event. **Megha Verma, Rihaan Khan**, and **Swayam Chaurasiya** delivered outstanding performances, earning a well-deserved Bronze Medal for the team.

Hunar 2025

The Kabaddi team of CSE–AI delivered an outstanding performance at Hunar 2025, the annual event organized by the MBA Department of IET Lucknow, and emerged as champions. Players **Deepraj Sengar, Ritesh, Utkarsh Srivastava, Aryan Rastogi, Lakshya Gupta, Pratham**, and **Aishwary Tiwari** displayed exceptional coordination, strength, and strategic gameplay. Their determination and teamwork were evident in every raid and defence, earning a remarkable victory that brings great pride to our department.

ICPC 2025

Team Maa Anjaneya, featuring **Amit Pandey, Anshul Pandey,** and **Arpit Chaurasia**, excelled in ICPC India Prelims 2025 by securing an outstanding rank and qualifying for both the Kanpur and Amritapuri Regionals. Their dedication, teamwork, and sharp problem-solving skills make them a proud inspiration for our department.

Sumit Mishra and **Samyak Srivastava** delivered an outstanding performance in ICPC India Prelims 2025, securing a strong rank and qualifying for the Amritapuri Regionals. Their collaboration, fast debugging, and sharp problem-solving under pressure showcased true competitive programming excellence, making them a proud inspiration for our institute's coding community.

Rajdeep Singh, Sarthak Gupta, and **Ishu Kumar Rajora** delivered an exceptional performance in ICPC Prelims 2025, earning qualification for the Chennai Regionals. Their synergy, rapid debugging, and calm problem-solving turned tough moments into breakthroughs. Their achievement reflects true teamwork and stands as an inspiration for our competitive programming community.

EVENTS

Highlighting engaging activities that inspire learning, collaboration, and growth.

Expert Lectures

A major academic highlight was the CSE Department's lecture on "Performance Modelling in Wireless Communication Systems," held on July 13th, 2024, as part of the Dr. Sarvepalli Radhakrishnan Lecture Series. Delivered by Dr. Dilip Senapati from the University of Delhi, the session offered valuable insights into performance prediction methods in wireless networks and engaged a diverse audience of students and faculty.

Performance Modelling in Wireless Communication Systems

Artificial Intelligence and Data Science

The CSE Department also had organized an enriching expert lecture on Artificial Intelligence and Data Science on September 6, 2025. The session, held at the CSED Seminar Hall, was expertly delivered by Prof. T. V. Vijay Kumar, a highly respected Professor from JNU, Delhi. Prof. Kumar's talk illuminated the cutting-edge applications and emerging frontiers of AI/DS, inspiring attendees to pursue innovative research in these areas. The lecture was a success, benefiting faculty members, scholars and students who attended.

Expert Lectures

An expert lecture was delivered during the one-week Short-Term Course on "Transformative Technology and Its Applications," organized by Rajkiya Engineering College, Ambedkar Nagar, from 22–26 September 2025. The session offered valuable insights into emerging technologies and their real-world impact, enriching participants with forward-looking perspectives and innovative learning experiences.

Transformative Technology and Its Applications

Advanced Process of Digital Image Processing

An expert lecture on "Advanced Process of Digital Image Processing" was delivered during the three-day International Conference on Cyber Ethics and Data Protection (IC-CEDP 2025), organized by Lucknow Public College of Professional Studies, Lucknow, from 01–03 May 2025. The session explored modern image processing techniques, ethical considerations, and data protection challenges in the digital era. Participants gained valuable insights into emerging technologies and their role in ensuring secure, efficient, and responsible digital information management.

Expert Talk

The Department of Computer Science and Engineering, IET Lucknow, hosted an enlightening Expert Talk on Agentic AI on November 26th, 2025, in the CSE Seminar Hall. Delivered by Dr. Manu Kuchhal, a Global Engineering Leader at IBM with 25+ years of experience, the session offered valuable industry insights into next-generation AI, focusing on autonomous and adaptive systems and their transformative potential.

Agentic AI

AI in Cyber Security

An expert lecture on "Advanced Applications of AI in Cyber Security" was delivered at CIST-2025 on 26 April. The session highlighted AI-powered threat detection, predictive defence strategies, and emerging security innovations. Organized by the Institute of Technology & Management, GIDA, Gorakhpur, in association with The Institution of Engineers (India) Gorakhpur, the event offered valuable insights that inspired participants toward future-ready cyber solutions.

Parmarth

Muskan '25

Communal Harmony & National Integration

The CSE Department celebrated CHC Week 2024 by organizing a session on "Communal Harmony and National Integration" on 22 November 2024 in the Department Seminar Hall. The event highlighted the importance of empathy, and collective responsibility in strengthening the nation's social fabric and encouraged students to reflect the values on peace and unity. It was conducted under the guidance of **Prof. Girish Chandra**, with **Dr. Promila Bahadur** and **Dr. Aditi Sharma** as conveners and drew active participation from students and faculty members creating a thoughtful and meaningful atmosphere

Acknowledging Women

In a heartfelt tribute to women's strength, resilience, and leadership, the CSE Department at IET Lucknow organized the event "Acknowledging Women." The program emphasized that a woman's true strength evolves through her unique journey, challenges, and experiences. With inspiring themes like #BalanceForBetter and #BreakTheBias, the event encouraged students to actively support gender equality and promote women's growth in every field. Engaging discussions, interactive sessions, and thoughtful messages filled the atmosphere with empowerment, appreciation, and solidarity, leaving a lasting impact on everyone who attended.
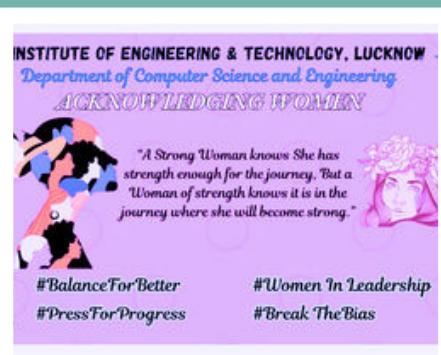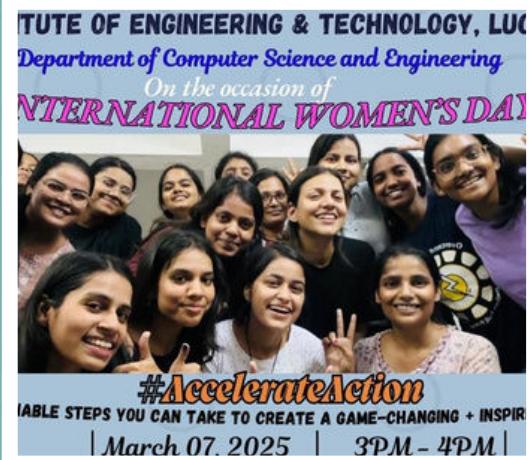
Women's Day

The Department of Computer Science & Engineering, IET Lucknow, celebrated International Women's Day on 7 March 2025 with great enthusiasm. Under the theme #AccelerateAction, the event highlighted practical steps for creating a more inclusive and motivating space for women in academia and beyond. The event successfully brought together the bright female minds of CSED for an hour of motivation, filling the atmosphere with energy, solidarity, and inspiration.

Smart India Hackathon

Several students from CSE Department enthusiastically volunteered for the Smart India Hackathon 2025 (Internal College Round) conducted by NNF (Navyug Navachar Foundation) on 19 September 2025. CSE volunteers **Anupam Dwivedi, Anushka Prasad, Ath Tripathi, Harsh Kumar,** and **Harsh Aditya** actively supported the event by guiding participants, assisting faculty coordinators, and helping manage different activities throughout the day. Their proactive involvement created a positive and encouraging environment for all participating teams and showcased their commitment, teamwork, and sense of responsibility.

Hella Crosswords

CSE students **Anupam Dwivedi, Anushka Prasad, Ath Tripathi, Harsh Kumar,** and **Harsh Aditya** also volunteered in the "Hella Crossroads" event on Web3 and Blockchain Development, conducted by NNF (Navachar Navvug Foundation) and IIC on 14 November 2025. They actively supported the coordination of sessions, guided participants, and helped maintain the smooth flow of activities throughout the program. Their enthusiastic involvement once again reflected their reliability, teamwork, and eagerness to contribute to emerging technology initiatives.

Ignite

"Ignite," an event powered by GeeksforGeeks on "Basics of Machine Learning", was conducted at our college to introduce students to core ML concepts. The session was coordinated by GFG College Ambassador **Devanandini** (CSE, 3rd year), with strong support from a dedicated team of CSE volunteers, including **Anushka Prasad**. Their efforts in planning, organizing, and smoothly conducting the event ensured an engaging and effective learning experience for all participants, subtly reflecting the enthusiasm and initiative of CSE students towards emerging technologies.
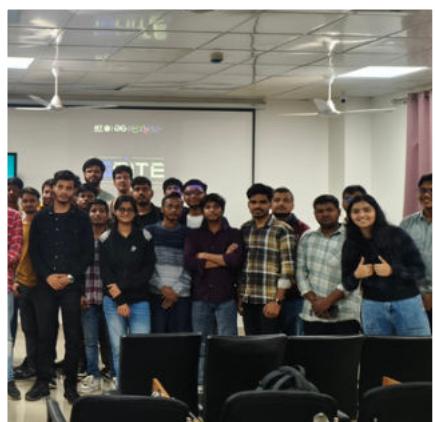
Google DevFest

Two students of CSE department, **Devanandini** and **Harsh Aditya**, had the opportunity to coordinate Google DevFest 2025 in Lucknow. They contributed to event planning, smooth execution of sessions, and participant coordination, representing the department at a regional-level tech forum. Their involvement in such a prestigious developer community event highlights their leadership, initiative, and passion for technology beyond the classroom.

Dev Fest

Several students from the CSE Department also participated in and attended Google DevFest 2025 in Lucknow. **Khushi Kesarwani, Abhinav Pandey, Adarsh Gupta, Ath Tripathi**, and **Shashank Kumar Shukla** actively engaged in various technical sessions, talks, and networking opportunities with industry professionals and developers. Their participation reflects their curiosity towards emerging technologies and their initiative to learn beyond the academic curriculum.

PLACEMENTS

Highlighting outstanding placement records that reflect excellence and industry readiness.

ABHISHEK SRIVASTAVA
PLACED AT GOOGLE
54 LPA

KAVYA AGARWAL
PLACED AT GOOGLE
54 LPA

ANUSHKA GUPTA
PLACED AT GOOGLE
54 LPA

ADITI KESARWANI
PLACED AT GOOGLE
54 LPA

Several students of IET Lucknow have secured exceptional placements in reputed companies with packages going up to 54 LPA. CSE students **Abhishek Shrivastava, Kavya Agarwal, Anushka Gupta,** and **Aditi Kesarwani** have been offered high-paying roles in leading tech firms. These achievements reflect the strong technical foundation, consistent hard work, and effective placement support provided by the department, and serve as an inspiration for their juniors.

GATE RESULTS

Celebrating our students' exceptional GATE performances and academic excellence.

GATE Achievers

Several B.Tech and M.Tech students from the CSE Department have successfully qualified GATE, showcasing their strong conceptual understanding and consistent hard work. Their performance reflects the academic rigor of the department and the dedication of both students and faculty. These achievements inspire their juniors to aim higher and pursue excellence in competitive examinations.

ABHISHEK SRIVASTAVA
AIR 23

SHIKHAR TIWARI
AIR 27

SHUBH SHARMA
AIR 226

RAJ FAUZDAR
AIR 589

Qualified Students

Aaditva Vijay Vats
Govind Singh Tomar
Arpit Chaurasia
Raj Yadav
Vishal Patel
Bhawna Chauhan
Varnit Saxena
Ashwini Kumar

Suraj Gupta
Naman Kumar
Aditya Pratap Singh
Naman Rastogi
Keshav Mittal
Riya Singh
Vipin Gupta

And many more...

ARTICLES

A collection of student writings that inspire ideas, expression, and curiosity.

हाँ, बेशक इस बार हारा हूँ...

हाँ, बेशक इस बार हारा हूँ, टूटा तारा हूँ।
आसमान पाना था, लेकिन अपने हिस्से की ज़मीन
भी हारा हूँ।

पर क्षणभर की हार से मैं डर थोड़ी जाऊँगा।
बस ज़मीन पर गिरा हूँ, गिरने से मर थोड़ी जाऊँगा।

बीच समंदर में नौका लेकर खड़ा, उफ़ान को
ललकार आऊँगा।
और लाख आएँ लहरें मुझे डुबाने वाली, मैं हर बार
नौका लेकर निकल जाऊँगा।

तुम ऐब करो आसमानों का, मैं पैरों की धूल को
माथे पर लगाऊँगा।
इसी मिट्टी से ही तो बना हूँ, एक दिन इसी में
मिलकर खाद हो जाऊँगा।

और जो ये आ रहे हैं मशाल लेकर मुझे जलाने
वाले,
मैं अगर जला भी तो अँधेरे में चिराग़ हो जाऊँगा।

ये दुनिया के तौर-तरीके मुझे ना सिखा साकित...
कि मैं अपना लहजा, अपना गुरूर कुछ इस तरह
बनाऊँगा।
चिता जल जाएगी, फिर भी राख में जगमगाऊँगा।

और ये किरदार, ये गुस्सा यूँ ही क़ायम रहेगा।
सर कट जाएगा, लेकिन झुकने से रहेगा।

PARTH MISHRA
CSE-R '28

PARTH MISHRA
CSE-R '28

The poem 'Haan, Beshak Iss Baar Hara Hoon…' stands as a powerful tribute to resilience and perseverance, capturing our department's journey this year. It honors the spirit of those who face setbacks yet rise with determination and integrity. We dedicate it to all students and faculty who transformed challenges into achievements, celebrating strength, growth, and unwavering resolve.

कलम और काग़ज़

ARPIT MADDHESIYA
CSE-R '27

एक रोज़ मेरे सिरहाने पर,
एक कलम तैराक पड़ी थी।
स्याही तो थी दिल में उसके
पर वो उदास , बेकार खड़ी थी।

दूर कही उस मेज़ पर भी
कुरु पत्थों की कतार लगी थी।
काग़ज़ ये, स्याही थी धरती
जैसे किसी इंतज़ार में घड़ी थी।

जैसे ही उस नोक ने
काग़ज़ बदन को चूम लिया।
बरसों से जो कैद थी स्याही,
उसने आज़ादी को घुम लिया।

एक सिहरन दौड़ गई तब
जब दोनों का स्पर्श हुआ
जो जमी पर पड़े थे अब तक
उन लफ़्ज़ो का वो अर्थ हुआ।

न कलम की 'मैं' बची;
न काग़ज़ का 'वो' ख़ालीपन।
बस 'रचना' की दास्तां थी;
और स्याह का वो जाई दग़ान।

ARPIT MADDHESIYA
CSE-R '27

The poem "कलम और काग़ज़" beautifully illustrates the moment when a quiet pen and an untouched sheet of paper awaken to create something meaningful. It reflects how long-held thoughts, once confined, finally find freedom through expression. With gentle imagery and emotional depth, the poem celebrates creativity, connection, and the magical transformation that turns simple tools into a powerful medium of ideas, feelings, and timeless expression.

अल्हड़ सी लड़की

आँखों में मासूमियत,
लबों पे ज़माने की असलियत,
ज़ुल्फ़ों में घटा सी छाई,

मुस्कुराहट चेहरे पर,
कांधे पर सैकड़ों कठिनाई।

वो अल्हड़ सी लड़की,
मेरे जीवन में ऐसे आई कि
कभी जाने का पैग़ाम ही न लाई।

ANSHIKA GUPTA
CSE-R '27

ANSHIKA GUPTA
CSE-R '27

This heartfelt poem portrays a girl whose innocence shines in her eyes while life's realities rest on her lips. Despite burdens, her smile remains unwavering. Her presence brings warmth and quiet strength, entering one's life so gently that her absence feels unimaginable. It celebrates resilience, purity, and the comforting impact of someone who arrives like a blessing without ever leaving.

An Evening

In a chaos of noises,
In those red lights that stops...
Where I was stopped
And asked a lot...
Where there was no god
To take care of...
Both the idiots and smart
Were gathered along,
Where stupidity peaked
Of idiots...
This wasn't the place
That I chose,
But I believe that I
Deserved it all...
Fight of destiny to
Density of matters,
Worth mattering and
Scrutiny together...
Developing hate for
Some, nothing for others,
Some emotions truthful,
Some made of
Deception...
This is my tale of being an
Evening,
Never promised but well
Deserved...

MANAS SHARMA
CSE-R '27

MANAS SHARMA
CSE-R '27

This poem portrays an evening woven with chaos, conflict, and unforeseen realizations. Amid noise, scrutiny, and a swirl of emotions, the narrator confronts both destiny and personal truth. It becomes a reflective moment, revealing that even unsettling experiences— unexpected, uninvited, yet deeply meaningful—carry lessons and significance that are ultimately deserved.

The Minds Behind the Pages

DR. ADITI SHARMA
Faculty Editor

MR. DEEPANSHU SINGH YADAV
Faculty Editor

MRS. DIKSHA SHARMA
Faculty Editor

PRAJIT KUMAR SINGH
Student Editor

ABHINAV SINGH
Student Editor