MANIPAL UNIVERSITY
JAIPUR

25.3

CSE Chronicles

The Official Newsletter for
Department of Computer Science and Engineering · 2025

JULY-SEPT

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From the Associate Dean's Desk

Dear MUJ Community,

As we begin a new academic year, I'm filled with pride and anticipation for the journey ahead. At Manipal University Jaipur, our strength lies not only in academic excellence but also in the vibrant community we've built—where innovation, inclusivity, and collaboration are at the heart of everything we do. The Department of Computer Science and Engineering continues to break new ground in shaping future - ready professionals.

What truly defines MUJ is the spirit of our people—faculty who mentor with passion, students who dream big, and a culture that celebrates curiosity and initiative. At MUJ, growth is a shared journey. Our commitment to academic excellence, research, and student development is stronger than ever. We believe in creating opportunities that challenge, inspire, and prepare our students to become thoughtful innovators and responsible leaders. From groundbreaking projects to enriching campus activities, every experience here shapes a more capable and compassionate future.

As we look ahead, let us support one another, stay curious, and continue striving for excellence. Here's to another year of meaningful progress and collective success. Let us approach this year with a shared commitment to excellence, empathy, and innovation. Together, we will continue to build a legacy of purpose and progress.

Dr. Chhatar Singh Lamba
Associate Dean, Faculty of Engineering
PhD, M.tech

From the HoD's Desk

Dear Readers, Greetings!

I extend my congratulations to the editorial team of "***CSE Chronicles***" for their initiative in launching this newsletter. The past year has been transformative, with numerous events like hackathons, webathons, conferences, and FDPs conducted by our department. This newsletter will showcase the innovation, exploration, and achievements of our remarkable journey.

Our students are the future leaders of the technology industry, and it is our privilege to nurture their talents and provide them with the tools needed to thrive. Recently, we held a curriculum conclave to gather feedback from industry experts and premier institutes. This helped us develop a rigorous and innovative curriculum that equips our students with technical expertise, critical thinking, and problem-solving skills essential in today's world.

I extend my heartfelt thanks to our dedicated leadership for their exemplary guidance. Your vision continues to inspire us all. Under your leadership, our faculty, students, various clubs, and chapters have demonstrated unwavering resilience and commitment to our shared mission.

Lastly, I express my profound gratitude to every member of our department—faculty, staff, students, and alumni—for your contributions and unwavering support. Your dedication makes our department exceptional.

Together, we will continue to shape the future of the department and leave a lasting impact.

Dr Neha Chaudhary
Head of Department, CSE

Meet the Team

Faculty Team

Dr Kuldip Singh Sangwan
Dean, Faculty of Engineering

Dr. Chhatar Singh Lamba
Associate Dean, School of CSE

Dr Neha Chaudhary
Head of Department, CSE

Dr. Juhi Singh
Faculty Editor

Dr. Rishav Dubey
Faculty Co-Editor

Student Team

Kasvi Rajwar
Student Editor & Content writer

Drishti Madaan
Student Editor & Designer

Faculty, CSE

Department of Computer Science and Engineering

Row-1 (Left to Right): Dr Sayar Singh Shekhawat, Dr Mahesh Jangid, Dr Sakshi Shringi, Dr Neha Chaudhary, Dr Sandeep Chaurasia, Dr Susheela Vishnoi, Dr Neetu Gupta, Ms. Babita Tiwary, Ms. Sushma Tanwar, Dr Sandeep Joshi, Dr Neelam Chaplot;

Row-2 (Left to Right): Dr Rajat Goel, Dr JeyaKrishna V, Dr Rishi Gupta, Dr.Dibakar sinha, Dr Juhi Singh, Ms. Anita Shrotriya, Ms. Bali Devi, Ms. Surbhi Sharma, Ms. Vaishali Chauhan, Ms. Santoshi Rudrakar;

Row-3 (Left to Right): Dr Vivek Kumar, Dr Rakesh Kumar, Dr Aditya Sinha, Mr. Sunil Kumar Patel, Mr. Shishir Singh Chauhan, Dr. Nishant Jain, Dr. Anil Kumar, Mr. Atul Kumar Verma, Dr Praneet Saurabh, Dr Ashish Sharma;

Row-4 (Left to Right): Mr. Mayank Jain, Dr Arvind Kumar, Dr Amit Garg, Mr. Vivek Singh Sikarwar, Dr Ankit Shrivastav, Dr Rishabh Dubey, Mr. Mangilal Jat

Row-5 (Left to Right): Dr Ashok Kumar Saini, Dr Mayank Namdev , Dr Jayprakash Singh, Dr Ankur Pandey, Mr. Priyank Hada, Dr Ajit Noonia, Dr Manmohan Sharma, Dr Ajay Kumar, Dr Satpal Singh Kushwaha, Dr Ajay Kumar

Vision and Mission

The Department of Computer Science and Engineering (CSE) at Manipal University Jaipur has provided a comprehensive education in computer science since the inception of its B.Tech. CSE program in 2011. This program is designed not only to prepare students for various employment opportunities but also to cultivate their entrepreneurial spirit, ensuring they are equipped to make meaningful contributions to the corporate world and beyond. The department takes immense pride in the accomplishments of its alumni, who have demonstrated excellence across diverse fields and have significantly contributed to society.

With around 80 faculty members, Manipal University Jaipur's Department of Computer Science and Engineering benefits from a diverse and experienced team. These faculty members are dedicated to delivering high-quality education, mentoring students, and conducting cutting-edge research. Their expertise covers various fields within computer science and engineering, ensuring students receive a contemporary education aligned with industry trends. The department's large faculty size enables a wide range of specialization areas to be covered, offering students flexibility in their academic pursuits.

VISION

To achieve Excellence in Computer Science and Engineering Education for Global Competency with Human Values.

MISSION

- Provide innovative Academic & Research Environment to develop competitive Engineers in the field of Computer Science and Engineering.
- Develop Problem-solving & Project Management Skills by Student Centric Activities & Industry Collaboration.
- Nurture the Students with Social & Ethical Values.

Capacity Building Programs

With the demands of the tech industry rising rapidly, the Department of Computer Science and Engineering at Manipal University Jaipur consistently takes initiative to upskill students through hands-on, innovative, and impactful events. From technical workshops to thought-provoking speaker sessions, the department curated a series of engagements aimed at helping students stay ahead of the curve. Some of the key events conducted in the months of July, August, and September 2025 include:

Expert Lecture on Bitcoin and the Future of Digital Finance

On 20 August 2025, the Department of Computer Science and Engineering at Manipal University Jaipur organized the Bitcoin India Tour – Jaipur Edition, with proud support from SwapSo, as part of India's largest Bitcoin education initiative. The event aimed to promote grassroots awareness, practical understanding, and informed discussions on Bitcoin, decentralized technologies, and the evolving future of digital finance. he session was held at the Lecture Hall Complex 001 and featured expert talks by Mr. Karan Kumar, Founder of SwapSo, and Mr. Shreyan Joshi, Co-founder of the Bitcoin Policy Institute, India. Open to students and faculty members, the event encouraged interactive learning and engagement, complemented by a special Bitcoin giveaway for attendees. Through insightful discussions and knowledge sharing, the event successfully fostered awareness and curiosity around decentralized innovation, reinforcing the department's commitment to contemporary, industry-relevant learning.

International Conference on Artificial Intelligence and Computing (ICAIC 2025)

The International Conference on Artificial Intelligence and Computing (ICAIC 2025) was successfully organized on 18–19 September by the Department of Computer Science and Engineering, Manipal University Jaipur. The two-day international conference brought together academicians, researchers, industry professionals, and innovators from across the globe to deliberate on recent advancements and future directions in artificial intelligence and computing.

The conference was graced by eminent chief guests, keynote speakers, and invited experts, who shared insightful perspectives on both theoretical foundations and practical applications of AI. Their addresses stimulated meaningful discussions and highlighted the importance of bridging academic research with industry-driven innovation.

ICAIC 2025 featured multiple technical tracks, including Artificial Intelligence and its Applications, Open Innovation and Industry Applications, and Advanced Computational Techniques and Emerging Trends. These sessions provided an effective platform for presenting high-quality research and engaging in scholarly discussions on contemporary challenges and emerging solutions in the field.

Through active participation and knowledge exchange, the conference successfully reinforced the department's commitment to promoting research excellence, innovation, and global academic collaboration.

Department Spotlight

CSE Faculty Recognized with Awards:

The Department of Computer Science and Engineering at Manipal University Jaipur continues to shine through the outstanding achievements of its faculty, whose dedication to research, innovation, and professional excellence remains truly inspiring. We are proud to announce that this year, ***the Best Innovator Award was conferred upon Dr. Manu Shrivastava, Dr. Shishir Singh Chauhan, and Dr. Amit Garg****, in recognition of their exceptional contributions to innovation, research-driven problem solving, and technological advancement.*

Their work reflects a deep commitment to transforming ideas into impactful solutions, fostering a culture of creativity and forward-thinking within the academic ecosystem. This honour celebrates not only individual brilliance but also the collaborative spirit that drives meaningful innovation in the department.

Lighting the Way: Scholars Who Inspire the Future:

Warm congratulations to ***Dr. Girish Sharma, Dr. Shishir Singh Chauhan, Dr. Varda Pareek, and Dr. Divya Thakur*** *on the successful completion of their doctoral degrees. This milestone represents years of thoughtful study, rigorous inquiry, and an unwavering drive to explore new ideas and advance knowledge. Their scholarly efforts contribute meaningfully to their respective fields while inspiring others who aspire to walk the path of research and academic excellence.*

A PhD is not merely a qualification but the culmination of perseverance, intellectual curiosity, and deep-rooted passion for learning. The achievements of Dr. Chauhan, Dr. Sharma, Dr. Pareek, and Dr. Thakur continue to elevate the spirit of scholarship at the Department of CSE, reflecting the values of dedication, resilience, and academic integrity.

May this accomplishment serve as a strong foundation for continued innovation, impactful research, and inspiring mentorship in the years ahead. We wish them every success as they embark on the next chapter of their scholarly and professional journeys.

CSE Department welcomes new faculty members:

We are delighted to extend a warm welcome to the newest members of our faculty at the Department of Computer Science and Engineering. With their diverse academic backgrounds, fresh perspectives, and strong commitment to teaching and research excellence, they bring renewed energy and valuable expertise to our academic community.

We are pleased to welcome ***Ms. Harshika Mathur, Mr. Vijay Hasanpuri, Ms. Soni Gupta, Ms. Tripti Kulshrestha, Mr. Bhawani Singh Rathore, Dr. Rishi Kumar Srivastva*** *and* ***Mr. Sachin Gupta*** *to the Department of CSE. We look forward to their meaningful contributions in advancing innovative research, enriching classroom experiences, fostering interdisciplinary collaboration, and inspiring our students to achieve their fullest potential.*

We wish them every success in their academic journey with us and are confident that their presence will further strengthen the culture of learning, innovation, and excellence at MUJ.

Observance of Engineers' Day with a Plantation Drive:

On the occasion of Engineers' Day, the Department of Computer Science and Engineering organized a Plantation Drive, reaffirming its commitment to sustainability and responsible innovation. The initiative served as a reminder that engineering extends beyond technological advancement, it carries a responsibility toward nurturing and preserving the environment.

By planting saplings, faculty and students came together to symbolize growth, resilience, and a shared vision for a greener future. This meaningful activity reflected the department's belief that true progress lies in balancing scientific excellence with ecological consciousness, inspiring future engineers to build solutions that are both innovative and sustainable.

Celebrating Alumni Connections and Professional Journeys:

On 18 September, the Department of Computer Science and Engineering at Manipal University Jaipur organized an Alumni Meet with the objective of strengthening the bond between the institution and its alumni community. The event served as a platform for reconnecting former students with faculty members and current batches, fostering meaningful interaction and mutual exchange of experiences.

The alumni shared insights from their professional journeys, discussed industry trends, and reflected on their academic experiences at the university. Interactive sessions encouraged dialogue, mentorship, and collaboration, offering valuable guidance and inspiration to present students. Through thoughtful discussions and shared memories, the Alumni Meet successfully reinforced a sense of belonging and continuity, highlighting the department's commitment to nurturing lifelong relationships with its graduates and celebrating their achievements beyond the campus.

Club Connect

Clubs are what the students make them to be, like a flower, if watered they grow, otherwise they wither, they are spaces where ideas take flight, leadership is cultivated, and passions find direction. Over the past few months, our student clubs have served as vibrant hubs of innovation, creativity, and collaboration. Through hands-on workshops, inspiring guest talks, team challenges, and engaging initiatives, students have been empowered to explore their interests and grow well beyond the classroom.

We are proud to highlight some of the standout moments from July to September, and we extend our sincere appreciation to the students whose dedication, energy, and enthusiasm brought these activities to life. Your commitment and creativity are what truly make this community dynamic and thriving.

RANDOMIZE

1) Dream, Dare, Do:

The "Dream, Dare, Do" webinar–podcast session was held on 11 July, featuring Ms. Chaitra Chidanand, a renowned tech entrepreneur best known for co-founding Simpl, a pioneering Buy Now, Pay Later platform that reshaped digital payments in India, and later SALT, a fintech initiative focused on making financial tools more accessible and inclusive. During the session, Ms. Chidanand shared insights from her journey, including her experience pursuing higher studies abroad, her transition from the corporate world to the start-up ecosystem, and the realities of building and scaling a company. The discussion also highlighted the importance of team building, as she spoke about identifying core team members who played a crucial role in transforming the way her organizations functioned. The event was highly engaging and informative, offering students valuable perspectives on entrepreneurship, leadership, and innovation. It served as an inspiring platform for participants to learn from real-world experiences and gain motivation to pursue their own aspirations with confidence.

2) Freshman meet-up:

This event was organized to provide incoming students with a welcoming platform to connect with their peers and seniors. The event aimed to help freshers interact with new people, build early connections, and feel more comfortable in the college environment. It also served as an open forum where students could freely ask questions, clear their doubts about academic life, campus culture, and opportunities, and gain a better understanding of Randomize and its activities. Adding to the lively atmosphere, the event featured an interactive jamming session led by talented members of the club, along with enthusiastic participation from volunteers in the audience. This informal and engaging segment helped break the ice and created a sense of community among attendees.

3) Hello World:

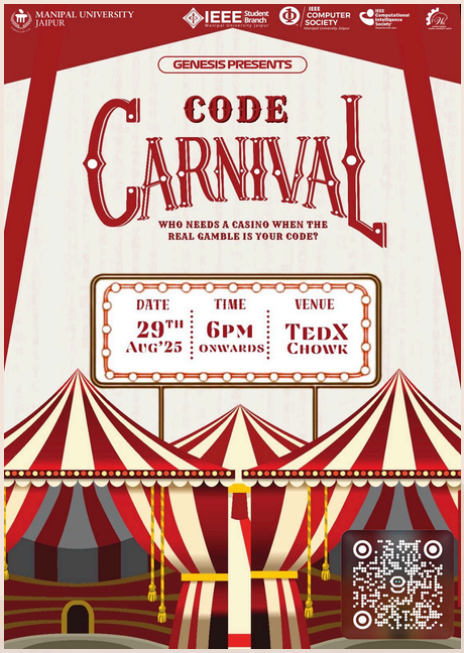
This event was designed as an introduction to the world of technology for aspiring engineers. The phrase "Hello World" is one that every B.Tech student encounters at the very beginning of their programming journey, it symbolizes the first step into learning how computers communicate and how ideas turn into code. Staying true to its name, the event aimed to offer students a clear and welcoming entry point into the vast and evolving tech ecosystem they are stepping into. The session provided an overview of what lies ahead, discussing the outlook and future of various fields in technology, along with foundational insights and guidance on how to approach learning effectively in a rapidly changing industry. Rather than focusing solely on tools, the event emphasized developing the right mindset and learning strategies essential for long-term growth. Key topics covered during the event included Web Development, Cloud Computing, Quantum Computing, Game Development, DSA, and AIML

IEEE

GENESIS

Road To Genesis(RTG):

The excitement for Genesis 5.0 wasn't built overnight—it grew with every laugh, every challenge, and every cheer during Road to Genesis (RTG). From surprise pop-up contests to thrilling competitions, RTG turned ordinary days on campus into moments you couldn't stop talking about. Packed with electrifying teaser events, lightning-fast challenges, and head-turning competitions, RTG turned the entire campus into a buzzing hub of anticipation. With every passing day, the thrill built higher, setting the perfect stage for an unforgettable Genesis 5.0.



Code Carnival:

Code Carnival brought a burst of arcade energy to coding, turning TEDx Chowk into a lively game zone on 29th August! Participants swapped traditional contests for four quirky mini-games—knocking cans to convert scores into binary, landing shots in beer pong and ring toss to unlock questions, and rolling dice to decide challenge difficulty. Each round mixed quick, beginner-friendly coding puzzles with carnival fun, letting players rack up points to win cool arcade-style goodies. Every mini-game added up to prizes and laughter, proving coding can be both quirky and exciting.

Code Relay:

Think of a school relay race, but swap the baton for code! Code Relay put teamwork to the test with high-pressure DSA challenges, where teammates had just seven minutes to code before passing the project on —no talking allowed, only comments in the code. Teams of two to four raced against the clock, solving one easy and one medium problem while learning to collaborate under pressure. The event brought chaos, laughter, and strategy to life, proving coding can feel like a fast-paced team sport

Workshop:

The N8N Workshop brought in an industry expert to share real-world skills that actually matter in today's AI-driven job market. With live demos, practical tools, and workflows designed for hackathons, internships, and projects, participants got a clear look at how AI is shaping careers. The interactive session included open Q&A, giving students the chance to ask about career growth, projects, and placements. Completely free and perfectly timed before exams, it offered the kind of knowledge that makes a real difference on a CV.

Xypher:

When the campus slept, innovation came alive! Xypher, the 12-hour overnight hackathon, challenged teams to solve real-world problems in cutting-edge fields like blockchain and cybersecurity. From a quiz-based qualifier to an intense night of building and a high-pressure pitching round, Xypher tested creativity, stamina, and teamwork—making the ₹40,000 prize pool hard-earned and well-deserved.

Ballistic 5.0:

Game hard, win harder! Ballistic 5.0 brought BGMI, FIFA, and Tekken battles to Genesis Chowk across three action-packed days. From squad-based BGMI showdowns to electrifying 1v1 FIFA and Tekken matches, the arena roared with energy as players outsmarted, outplayed, and outlasted each other in front of a live audience. Across three days of electrifying competition, players showcased their skill, strategy, and composure, turning every match into a spectacle and proving that gaming belongs in the spotlight.

Tech Summit:

The Tech Summit brought students face-to-face with industry leaders, delivering unfiltered insights into careers, innovation, and the future of tech. With inspiring talks, open Q&As, and plenty of networking opportunities, it was more than just a session—it was a bridge between classroom knowledge and real-world expertise, leaving students inspired and future-ready.

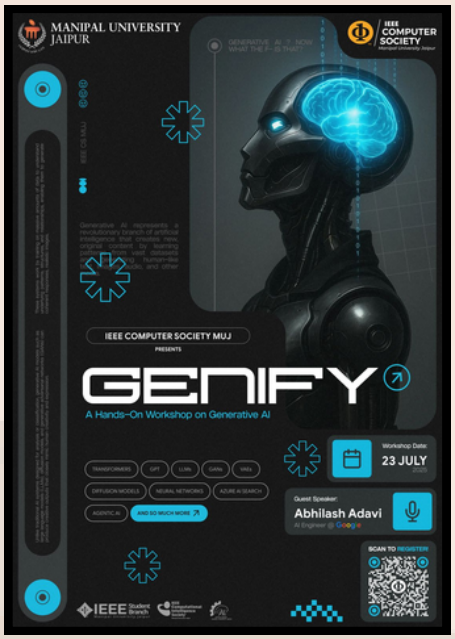
Breakout 6.0:

The ultimate survival challenge returned, this time with a Zombie Apocalypse twist! Breakout 6.0 turned campus into a thrilling puzzle zone. Teams of 2–4 cracked clues, solved puzzles, and raced against time to outsmart the undead, with teams racing to crack riddles and uncover clues while navigating a gripping storyline. Fast-paced, immersive, and adrenaline-charged, it was a treasure hunt that tested wit, teamwork, and creativity.

Networking with WIE:

One night, infinite memories! An overnight event designed to empower, connect, and celebrate women in tech, Networking with WIE combined inspiration with fun. The evening featured a motivating guest speaker, games, and creative spaces like photo booths and an open-mic corner. With laughter, bonding, and take-home goodies, it wasn't just an event—it was a night of memories and community.

IEEE-CS

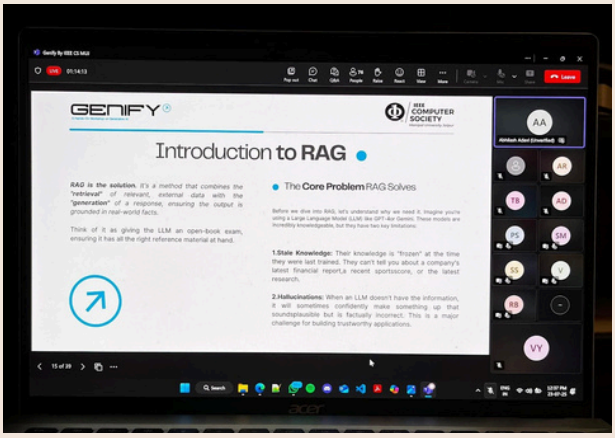


1) Genify:

GENIFY 2025 was a very impactful initiative organized by IEEE Computer Society MUJ, offering students an insightful introduction to the world of Generative Artificial Intelligence. Conducted online on 23rd July 2025, the workshop was led by Mr. Abhilash Adavi, AI Engineer at Google, who shared industry-driven perspectives and practical knowledge. The session covered essential Generative AI concepts such as prompt templates, vector databases, Retrieval-Augmented Generation (RAG), Agentic AI, and

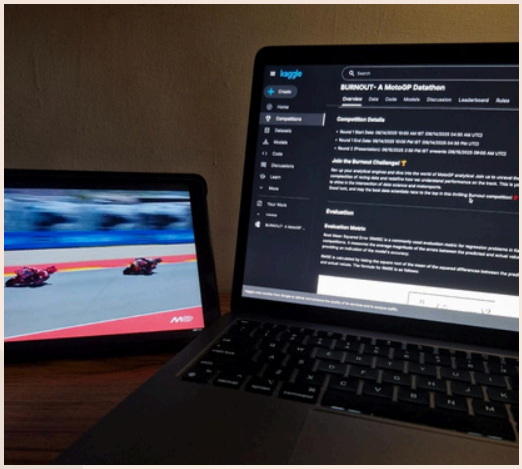
deploying LLM-powered applications on Azure, striking a balance between theoretical understanding and real-world application. A key highlight was the hands-on exposure through a live RAG demo model, along with exclusive learning resources for participants.

The workshop concluded with an engaging quiz, reinforcing key concepts in an interactive manner. GENIFY 2025 successfully equipped students with practical insights and inspired them to explore and innovate with AI, marking it as a significant event in the IEEE CS MUJ calendar.



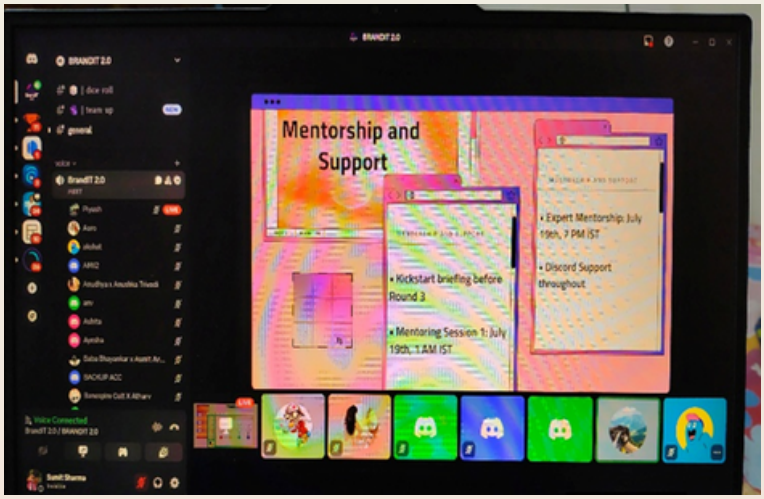
2) <u>Burnout:</u>

BURNOUT, the flagship datathon held on 14-15 June 2025 and this year it had a MotoGP theme I to bring a fresh dimension to data analytics on campus. Inspired by the speed precision and strategy of MotoGP racing, the competition challenged students to navigate complex real-world datasets under tight deadlines, mirroring the split-second decisions of the racetrack. Teams applied advanced analytical methods, collaborated under pressure and presented innovative, data-driven solutions to high-impact problem statements. Adding significant value to the event was Mr. Vanshaj Goel, Data Analyst at Uber, who served as judge and mentor. His industry expertise and constructive feedback gave participants a rare glimpse into how large-scale data analytics informs real-world decision-making. BURNOUT 2025 proved to be a platform where rigorous problem-solving, creative themes and expert guidance combined to strengthen students' skills and confidence in data science.



IEEE- WIE

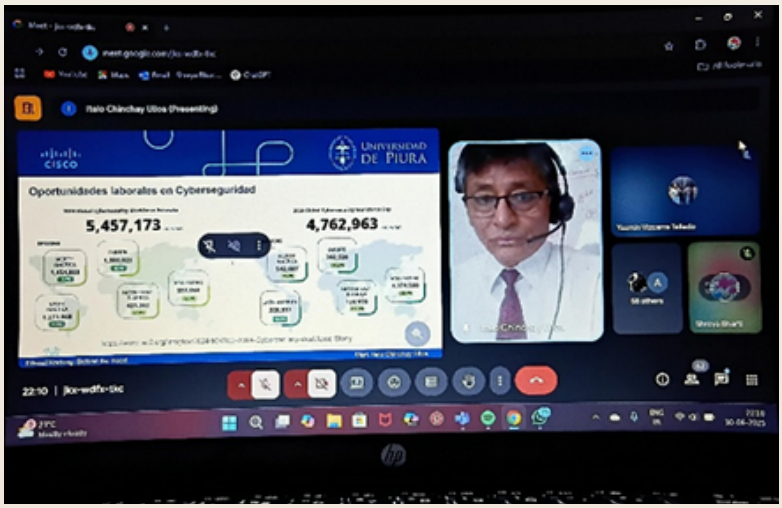
1) <u>BrandIT 2.0 – Where Creativity Meets Code:</u>



On June 18th, 2025, IEEE WIE MUJ proudly hosted BrandIT 2.0, a reimagined three-day online challenge blending creativity, problem-solving, and technical innovation. Participants explored diverse domains, pitched original brand ideas, and developed websites that brought their visions to life. A key highlight this year was the Feature Hunt, a scavenger-style technical challenge where dice rolls unlocked surprise functionalities — pushing participants to think on their feet. Two engaging mentorship sessions offered valuable creative and technical guidance, helping teams refine their ideas and execution.

The event concluded with an exciting live pitching round, where shortlisted teams presented their brand stories and web solutions before a panel of distinguished judges. Through its fusion of design thinking and technology, BrandIT 2.0 empowered participants to transform ideas into impactful digital creations.

2) <u>Cyber Arena – A Global Celebration of Cyber Defence:</u>



From June 30th to July 2nd, 2025, Cyber Arena united cybersecurity enthusiasts and professionals worldwide in an exhilarating journey through the world of digital defense. Organized in collaboration with IEEE WIE EPN, UDEP, UDEC, and Yachay Tech, the event offered a rich blend of learning, competition, and collaboration. Day one featured expert-led webinars on global cybersecurity trends and evolving digital threats. The second day brought hands-on excitement with interactive challenges, including the signature Find The Fake contest — testing participants' analytical and detection skills. The final day showcased ReelRodeo, a creative competition where participants conveyed cybersecurity concepts through short, impactful video reels. concepts through short, impactful video reels.

3) <u>Circle of Deception – Outsmart, Outplay, Outthink:</u>

On October 9th, 2025, WIE hosted this thrilling event centered on teamwork, observation, and strategy, the event challenged participants to complete engaging tasks while identifying hidden "Deceptors" among them. Each round tested communication, logic, and quick thinking, keeping participants on their toes through interactive and elimination-based challenges. The evening wrapped up with the crowning of the Master of Deception – Circle Champion, marking a perfect end to a night of suspense.

IEEE- CIS

1) Cyber Mafia:

Cyber Mafia: Hackers vs. Defenders is an interesting team-based activity conducted by IEEE CIS MUJ, which requires the use of strategy, deception, team building, and cybersecurity concepts in an extremely interactive manner. Taking cues from the traditional game of Mafia, the participants are divided into teams that represent cybersecurity Firms, with as a hacker trying take down firm's security and defenders try to expose them. Job of the defenders to employ logical reasoning, team building, and effective communication to flush out the hackers from the systems. The activity involves rounds of social deduction along with techbased challenges in the form of cryptography problems, AI-based quizzes, and problemsolving exercises, which provide power-ups and benefits to the teams. Teams who expose threats and secure their survival move on to the Grand Finale, which involves high-stake cybersecurity warfare.

2) Prompt401:

Prompt101 is two-day national level online event organized by CIS. The theme for this event is "Prompt Engineering for Artificial Intelligence." The main aim of this event is to make the participants learn about the basics and advanced concepts for prompt engineering and utilize their creativity with the help of large language models - ChatGPT, DALL·E, and Midjourney. Day 1 consists of learning through an interactive workshop, where an overview for the prompts like zero-shot prompts, few-shot prompts, and role-Based prompts is given along with live demo, mini challenges, and doubt-solving sessions. The following day- Day 2 will be Prompt arena, a three-round prompt-a-thon competition in which first participant must make prompt in 10 mins then participants will have 1v1 prompt battel and finally the prompt roulette.

3) AI Model Quest :

AI Model Quest is an innovation-driven technical competition organized by IEEE CIS MUJ X Oneiros, where participants are challenged to design and develop a customized LLM for Manipal University Jaipur. The objective is to create an AI-powered system that can help students with queries, academic support, information about campus facilities, event management, and other university-related services, which would enable better campus experience. This includes prompt engineering, model fine-tuning, dataset curation, and optimization techniques, together with hands-on AI deployment using open-source LLMs, cloud-based AI platforms, and relevant coding frameworks. Mentorship sessions, interactive discussions and insights from AI professionals will be conducted. This event helps individual based by collaborative learning and with ethical AI and real-world problem-solving. The team will present their models to the judges, and the final evaluation of projects will be based on accuracy, efficiency, usability, innovation, and real-world impact.

Byte of Brilliance (Excellence)

Each success highlights an individual step forward while enriching the wider legacy of Department of CSE. These moments reveal the energetic drive that moves our academic community, powered by inquiry, creativity, and a constant desire to improve. We use this chance to cheer on the outstanding efforts and outcomes of our students, whose journeys continue to build the future and raise the pride of our institution.

Student Excellence Awards (JULY-SEPT'25)

Name	Reg. Number	Award Category
Rudraksh	229301671	Patent published
Dhananjay Pratap Singh Chandel	229310339	Patent published
Eesh Khanna	229301412	Patent published
Priyanshu	229301082	Patent published
Arnav Nahar	229301142	JOURNAL (PUBLISHED)
Hammad Shaikh	229301534	JOURNAL (PUBLISHED)
Sitanshu Kapur	229301740	JOURNAL (PUBLISHED)
Ishani Lohar	23FE10CSE00832	Book Chapter
Spriha Podder	23FE10CSE00471	Patent published
Aadya Rajesh	23FE10CSE00648	Patent published

Name	Reg. Number	Award Category
Kushagra Kalbhawar	23FE10CSE00430	Patent published
Shruti Saraswat	229301290	Patent published
Farhan Sheth	219310185	Patent published
Harsh Bansal	23FE10CSE00688	Patent published
Arnav Chopra	229301489	Patent published
Aditya kumar jha	23FE10CSE00224	Internship(Paid)
Rubhav Bahirwani	229301221	Internship(Paid)
Spriha Podder	23FE10CSE00471	Internship(Paid)
Gaurav Kapoor	23FE10CSE00230	Internship(Paid)
Parth Batra	23FE10CSE00498	Internship(Paid)
Shantanu Bakshi	23FE10CSE00520	Internship(Paid)
Ananya Raman	229301559	Internship(Paid)
Shreyas Kumar Singh	2427030027	Internship(Paid)
Devansh Chowdhary	2427030003	Internship(Paid)
Ishpreet Kaur	2427030110	Internship(Paid)
Arnav Rathi	23FE10CSE00627	Internship(Paid)
Aradhya Sharma	23FE10CSE00578	Internship(Paid)

Name	Reg. Number	Award Category
Anushka Dutta	23FE10CSE00399	Award
Adhayan Grover	229301675	Award
Mohit Agarwal	23FE10CSE00096	Award
Aadrian Routh	2427030564	Award
Anish Deshmukh	229301454	Award
Aradhya Sharma	23FE10CSE00779	Scholarship
Ayush Agrawal	229301205	Competitive Exam
Aarohi Dhand	2430040138	Hackathon
Kriti	2427030295	Hackathon
Aditya Raj Jain	2427030117	Hackathon

We congratulate all the students who achieved the Student Excellence Awards for the months of July, August, September!

Research Statistics

At the Department of Computer Science and Engineering, Manipal University Jaipur, research lies at the heart of our commitment to academic excellence. During the period from July to September 2025, our faculty members and researchers demonstrated strong engagement in high-impact scholarly and innovation-oriented activities. Their contributions span journal publications, conference proceedings, and the authorship of books and book series, reflecting sustained dedication to advancing knowledge across diverse domains. In addition, project proposals and intellectual property rights (IPR) filings underscore CSE Department's focus on translating theoretical research into practical solutions for real-world challenges.

RESEARCH ACTIVITIES	PUBLICATIONS COUNT
Journal Article	55
Conference Proceedings	26
Book Series	8
Book	2
IPR	14

Placement Highlights

We are delighted to announce and extend our heartfelt congratulations to—the students of the Department of Computer Science and Engineering for their exceptional placement achievements this year!

Your hard work, determination, and unwavering pursuit of excellence have earned you positions in some of the world's most prestigious companies. Your accomplishments reflect not only your individual talent, but also the spirit of innovation, resilience, and growth that defines our school. You have made us immensely proud.

As you embark on these exciting new chapters of your professional journeys, remember that you carry with you the strength and support of a vibrant community that believes deeply in your potential.

Once again, congratulations to each one of you and here's to the future you're shaping.

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Articles

Why Edge Computing Is Quietly Changing the Internet

By: Kavya Mehndiratta

Most of us think of the internet as “the cloud.” We send data far away, it gets processed somewhere else, and then it comes back to us. For a long time, that worked well. But now, with smart homes, self-driving cars, and wearable tech, this system can feel slow. That’s where edge computing comes in. Edge computing is a simple idea: instead of sending all data to distant servers, some of it is processed close to where it’s created , on your device, a nearby router, or a local server. As one engineer put it, “Why send everything across the world if you can handle it right where it happens?” Speed is the biggest reason edge computing matters. Think about a self-driving car or a smart security camera. These systems can’t wait seconds for a response. They need answers instantly. By processing data nearby, edge computing reduces delay and helps devices react faster. This is also why it’s useful for online gaming, video calls, and live streaming. Less delay means smoother experiences overall.

Edge computing also helps reduce data traffic. Sending massive amounts of data to the cloud costs money and uses energy. With edge computing, devices can filter data first and only send what really matters. A tech writer once said, “The edge is like a smart bouncer, it decides what actually needs to get in.” This approach lowers costs and eases pressure on networks.

Edge computing isn’t here to replace the cloud. The two work best together. The edge handles quick decisions and real-time tasks, while the cloud focuses on storage and heavy processing. One developer summed it up nicely: “The cloud is the brain, but the edge is the reflex.” It may not be flashy, but edge computing is already shaping how modern tech works, quietly making things faster, smarter, and more efficient behind the scenes.

Articles

Passwords Are Slowly Disappearing

By: Manalee Tamrakar

For decades, passwords have been the front door to the internet. We've typed them, forgotten them, reset them, and reused them even when we knew we houldn't. They were never a great system,just a convenient one, and now the cracks are impossible to ignore. Data breaches, phishing scams, and leaked databases have shown that passwords are easy to steal and hard for humans to manage. This is why many tech companies are moving toward passwordless login. Instead of asking you to remember a secret word, systems now rely on things you already have or are. Your phone, your fingerprint, or your face becomes the key. When you unlock your device and confirm a login, you're proving your identity without sending a password across the internet. As a security researcher once said, "The safest password is the one that never exists."

Passkeys are a good example of this shift. They store login credentials securely on your device and use encryption to confirm who you are. Even if a hacker breaks into a server, there's nothing useful to steal. No list of passwords. No easy way in. For users, it also removes friction. Logging in becomes faster and less stressful, with no need to invent yet another "strong" password you'll forget in a week. This change is also driven by scale. People now use dozens of apps and services, and expecting them to manage unique passwords for each one is unrealistic. Passwordless systems acknowledge how people actually behave online, instead of fighting against it. One product designer put it simply: "Security only works when it fits real life."

Passwords won't vanish overnight. Some systems still rely on them, and backup options are necessary when devices are lost. But the direction is clear. The future of login is quieter, faster, and mostly invisible. Instead of proving who you are with something you remember, you'll prove it with something you already carry and eventually, passwords will feel like a leftover from an earlier, clumsier internet.

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