

SEPTEMBER
2025

THE NEWSLETTER

DEPARTMENT OF CSE

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About: The legacy behind Excellence

GL Bajaj Institute of Technology and Management: A Premier Institution in North India

GL Bajaj Institute of Technology and Management, Greater Noida, is one of the leading self-financed educational institutions in the Delhi-NCR region. Established under the esteemed Rajeev Memorial Academic Welfare Society (Registered under the Societies Registration Act, 1860), the institute is approved by the All India Council for Technical Education (AICTE), Ministry of Education, Government of India, and is affiliated with Dr. A.P.J. Abdul Kalam Technical University (AKTU), Lucknow.

GL Bajaj stands out not only for its academic rigor but also for its commitment to nurturing well-rounded individuals equipped with the skills and values required for a successful future. The institute consistently maintains one of the highest pass percentages among engineering and management colleges affiliated with AKTU in the Noida and Greater Noida region.

Over the past eight years, GL Bajaj has secured a distinguished position in AKTU university results and is widely recognized among the top institutions in North India.





Institutional & Departmental Ethos

Vision of the Institute

To be an institute of repute, providing globally competent and socially sensitive professionals

Mission of the Institute

- To equip with the latest technologies to be globally competitive professionals.
- To inculcate qualities of leadership, professionalism, corporate understanding and executive competence.
- To imbibe and enhance human values, ethics and morals in our students.

Department Vision

M1 : Developing a strong mathematical & computing skill set among the students.

M2 : Extending the role of computer science and engineering in diverse areas like Internet of Things (IoT), Artificial Intelligence & Machine Learning and Data Analytics.

M3 : Imbibing the students with a deep understanding of professional ethics and high integrity to serve the Nation.

M4 : Providing an environment to the students for their growth both as individuals and as globally competent Computer Science professionals with encouragement for innovation & start-up culture.

Program Educational Objectives (PEOs)

PEO 1 : Graduate will work in the area of Application Software Development, Artificial Intelligence & Machine Learning, Data Analytics, and Internet of Things.

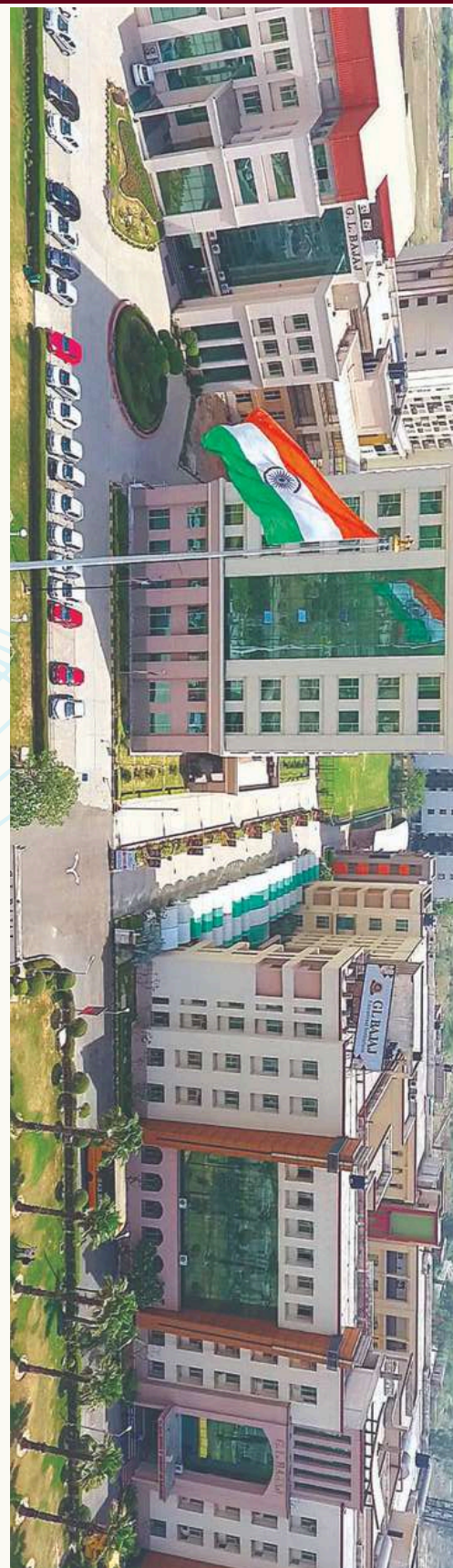
PEO 2 : Graduates will become successful software professionals with leadership and managerial quality in the modern software industry based on their strong skills on theoretical and practical foundation.

PEO 3 : Graduate will exhibit professional ethics and moral value with capability of working as an individual and as a team to contribute towards the need of industry and society

Program Specific Outcomes (PSOs)

PSO1 : Students will be able to use problem solving skills to develop efficient algorithmic solutions.

PSO2 : Students will be able to develop solutions for a given problem in the area of artificial intelligence, data analytics, Computer Vision and IOT through a conducive environment and infrastructure.





Visionary Voice



Dr. Preeti Bajaj
Director, GLBITM

*“The goal of education
is the advancement of
knowledge and the
dissemination of
truth.”*



Message from the Director

Dear Students, Faculty, and Well-Wishers,
Welcome to GL Bajaj Institute of Technology and Management — where academic excellence meets holistic development. We are committed to shaping future technocrats and leaders through quality education, character building, and innovative thinking. With state-of-the-art infrastructure, dedicated faculty, and a focus on both curriculum and co-curricular activities, GL Bajaj provides an ideal environment for learning and growth. Our efforts are geared toward creating professionals who are confident, competent, and ready for the global stage.

We continually evolve with emerging trends in technology and education, ensuring our students remain ahead of the curve. Regular seminars, workshops, and faculty development programs help us maintain a dynamic academic ecosystem.

Join us in our journey toward knowledge, innovation, and excellence.

Warm regards,

Dr. Preeti Bajaj
Director, GLBITM



From the HOD's Desk Computer Science

Warm greetings to all of you!

It gives me immense pleasure to present this edition of the Department of Computer Science & Engineering's newsletter. This platform not only celebrates the accomplishments of our department but also serves as a bridge that connects us all—students, faculty, alumni, and stakeholders—with a shared sense of pride and progress.

In today's fast-paced, technology-driven world, where the boundaries between nations and disciplines are dissolving rapidly, it becomes essential to stay ahead with knowledge, skill, and adaptability. With globalization and competition shaping our future, our department strives to keep pace with emerging trends in technology, science, and education.

Let us continue this journey together with curiosity in our minds and courage in our hearts.

Warm regards,

Dr. Sansar Singh Chauhan
Head of the Department
Computer Science & Engineering



**Dr. Sansar Singh
Chauhan**
Head of the
Department
Computer Science &
Engineering

*“It's all about the
mindset and hard
work you put in.”*





Editorial Crew

Message from the Editorial Board Coordinator

It gives me immense pleasure to present the monthly Edition of the much-awaited CSE Department Newsletter. This newsletter serves as a platform to highlight the academic achievements, innovative initiatives, research contributions, and vibrant activities of our department.

With each edition, we aim to capture the spirit of progress and showcase the dedication of our faculty, students, and staff.



I extend my sincere gratitude to all contributors, editors, and coordinators who have worked diligently to bring this newsletter to life. I also encourage students and faculty to actively participate in future editions by sharing their achievements, ideas, and creative inputs.

Together, let us continue to build a culture of learning, innovation, and excellence.

Mr. Shikhar Pandey
Editorial Board Coordinator
Department of Computer Science & Engineering
GL Bajaj Institute of Technology and Management



Editorial Crew



SHUBHANJALI



PRIYA GOEL



NAINSI MOTIYAN



REHAN SHAMIM



MAHEK SINGHAL



SHRUTI DIXIT



VAIBHAV



Awards

Consistent Performance Award->

The Computer Science & Engineering Department of GL Bajaj Institute of Technology and Management, Greater Noida, proudly felicitates **Dr. Pankaj Kumar**, Associate Professor, CSE Department, GLBITM.



Dr. Pankaj Kumar
Associate Professor,
CSE Department
GLBITM, Greater Noida

- Dr. Pankaj Kumar has over 18 years of experience in teaching, research, and industry.
- He has authored 66 research papers, including 6 in SCI/SCIE, 20 in Scopus and 3 in WoS indexed journals, published in prestigious national and international peer-reviewed journals and conferences at esteemed publishers such as IEEE Transactions, IEEE Access and Springer, etc., along with 6 textbooks.
- He supervised 11 M. Tech. dissertations.
- In addition to research papers, he has published 17 patents, copyrights, and designs, out of which 11 have been granted.
- He serves as an active reviewer and committee member for several international journals and conferences.
- He is also closely associated with professional organizations like IEEE and CSI, along with various technical societies and working groups.



Awards

Diversity & Inclusivity Award->

The Computer Science & Engineering Department of GL Bajaj Institute of Technology and Management, Greater Noida, proudly felicitates Dr. Payal Garg Assistant Professor, CSE Department, GLBITM.

Dr. Payal Garg with her vivid experience and expertise strongly contributed towards inclusivity and diversity within the tech community.



Dr. Payal Garg
Assistant Professor,
CSE Department
GLBITM, Greater Noida

- Dr. Payal Garg –14 Years of Extensive experience academi and research, with contributing to innovative studies,mentoring students, and advancing knowledge in her field through high-impact publications.
- Her research spans image security, cloud computing, and machine-learning applications in healthcare, with various publications and patent on medical image watermarking, dynamic resource allocation, and disease risk prediction.

Her achievements stand as a testament for the department and a motivation for every educator that inclusivity and diversity aren't just mere terms, they can be lived and felt into reality.



Awards

Young Faculty Excellence Award->

The Computer Science & Engineering Department of GL Bajaj Institute of Technology and Management, Greater Noida, proudly felicitates Ms. Aradhna Saini, Assistant Professor, CSE Department, GLBITM.

Ms. Aradhna Saini, an M.Tech Gold Medalist, IEEE Member, and Ph.D. Scholar at Gautam Buddha University, has consistently demonstrated excellence in teaching, research, and innovation.



Ms. Aradhna Saini
Assistant Professor,
CSE Department
GLBITM, Greater Noida

- 13 Research Papers published in IEEE and Scopus Indexed venues
- 10 Book Chapters with Springer, Wiley, IET, Routledge, and Taylor & Francis
- 18 Patents in AI, IoT, Robotics, and Healthcare Innovation (including 1 Patent Granted)
- Active IEEE Member, Session Chair, and Reviewer for international conferences

Her achievements stand as a source of pride for the department and a motivation for students to pursue academic and research excellence. Educators like her don't just educate but inspire us each day.



NPTEL-Certification

Dr. Amit Receives Elite & Silver Certificates from NPTEL for Outstanding Technical Proficiency->

The Department takes immense pride in appreciating the remarkable achievement of **Dr. Amit Wadhwa**, who has successfully qualified the NPTEL Certification Exam in Database Management Systems (DBMS) conducted during the July–September 2025 session.



- For this outstanding performance, Dr. Amit has been awarded the prestigious Elite and Silver Certificate, which stands as a testament to advanced technical proficiency and strong conceptual clarity.
- Through this certification, he has showcased an in-depth understanding of key areas including SQL, database design, normalization, and transaction management.
- These skills not only highlight subject mastery but also reveal the ability to apply theoretical knowledge to practical problem-solving, a quality that is highly valued in both academic and professional spheres.
- Achieving recognition at a national level through a competitive and rigorous program such as NPTEL is commendable and reflects the commitment towards continuous learning and growth.



Research Excellence

Shaping Global Research Faculty Recognized for Scholarly Contribution->



We are proud to share that **Mr. Shikhar Pandey, Assistant Professor,** Department of Computer Science & Engineering, has been recognized with a **Reviewer's Certificate by the International Journal of Advanced Research (IJAR).**

Mr. Pandey reviewed sixteen manuscripts for the September issue, contributing his expertise to ensure the publication of high-quality research work. His dedication towards academic excellence and scholarly contribution adds immense value to both the research community and the reputation of our department.

The Department of CSE congratulates him on this achievement and appreciates his continuous efforts in advancing research and knowledge dissemination.



Research Excellence

Spotlight on Research Excellence – Dr. Nikhil Sharma->



The Department of Computer Science and Engineering is proud to highlight the achievements of Dr. Nikhil Sharma, Assistant Professor, GL Bajaj Institute of Technology and Management, Greater Noida.

Dr. Sharma recently completed his Ph.D. in Computer Science and Engineering from Delhi Technological University (DTU) in September 2025. In recognition of his outstanding research contributions, he was honored with the 8th Research Excellence and Innovation Award under the Commendable Research Award category for publishing SCI-indexed papers. The award was presented by Prof. Prateek Sharma, Hon'ble Vice Chancellor, DTU, and he was felicitated by Prof. Abhay Karandikar, Secretary, DST, Government of India. The award also carried a cash prize of ₹50,000, marking his dedication to impactful research.

Dr. Sharma has authored 70 research articles, which have collectively received 1518 citations, with an h-index of 23 and an i10-index of 41, highlighting the quality and influence of his work. During his Ph.D. tenure, he published 6 SCI journal papers, 5 conference papers, and 3 book chapters, showcasing his commitment to diverse and meaningful research dissemination.

With his strong academic and research background, Dr. Sharma continues to pursue cutting-edge advancements in computer science, while actively mentoring students and contributing to the academic and research community at GL Bajaj.



Achievement

Ms. Sonal Gandhi Successfully Completes POSH Act 2013 Training->

We are pleased to share that **Ms. Sonal Gandhi** has successfully completed training on the POSH Act 2013 (The Sexual Harassment of Women at Workplace: Prevention, Prohibition, and Redressal Act, 2013), inclusive of UGC and AICTE regulations. The one-day training, conducted by Tech Trainers and Testers Pune, emphasized awareness, legal provisions, and workplace best practices to ensure a safe and respectful environment for all.

We congratulate Ms. Gandhi on this accomplishment and commend her commitment to fostering an inclusive and harassment-free workplace. By completing this training, she has demonstrated her understanding of the POSH Act's importance in creating a safe and respectful work environment for all employees. This achievement reflects our organization's dedication to promoting a culture of dignity and respect, ensuring that all employees feel valued and protected.

Her participation in this training further strengthens our organization's commitment to upholding the values of equality and respect. We look forward to her continued contributions in promoting a safe and inclusive work environment.





Publications

Publication Title

AI-augmented Cryptanalysis using Combinatorics and Reinforcement Learning

Published in

Journal of Discrete Mathematical Sciences and Cryptography (Vol. 28, No. 5-B, pp. 2071–2080)

Research Overview

Modern cryptography, especially symmetric-key systems like AES-128, secures sensitive communications but poses challenges for cryptanalysis due to its massive key-space. Traditional methods, though effective, struggle with adaptability and high computational costs.

This research introduces a hybrid framework that combines combinatorial key-search with reinforcement learning (RL), enabling dynamic branch prioritization and smarter pruning of key-space. The approach significantly enhances recovery rates and reduces computation time, making cryptanalysis more efficient and adaptive.



Dr. Payal Garg,
Department of Computer Science & Engineering,
GL Bajaj Institute of Technology & Management, Greater Noida

Key Outcomes

- 14–19% improvement in recovery success compared to classical methods.
- 2× faster key-recovery times, especially for complex ciphers.
- Recovery rates boosted from 53–78% baseline to 73–92%.
- RL-driven strategies showed rapid convergence and strong generalization across cipher designs.



Publications

Publication Title

A DEEP LEARNING-BASED FRAMEWORK FOR DISEASE DETECTION AND YIELD ENHANCEMENT IN FIVE MAJOR CROPS

Published in

International Journal of Applied Mathematics
Volume 38 No. 4s, 2025

Research Overview

The integration of deep learning techniques in agriculture has revolutionized crop disease detection and yield enhancement. This study presents a novel framework that leverages advanced computer vision and machine learning algorithms to identify diseases in five major crops. By analyzing crop images and developing predictive models, the framework enables early disease detection, optimizes crop growth, and improves yields.



**Dr. Sansar Singh Chauhan,
Department of Computer
Science, GL Bajaj Institute of
Technology and Management
Greater Noida**

Key Outcomes

- Improved Accuracy: Deep learning models like ResNet50, DenseNet121, and VGG16 have achieved high accuracy rates, ranging from 93.5% to 99.81%, in detecting crop diseases.
- Enhanced Crop Yields: Early disease detection enables timely intervention, reducing crop losses and improving yields.
- Better Disease Management: Machine learning and deep learning techniques can identify diseases at an early stage, allowing farmers to take targeted action and reduce the use of chemical pesticides.
- Increased Food Security: By improving crop yields and reducing losses, these technologies contribute to global food security and sustainable agriculture.
- Precision Agriculture: Deep learning architectures can enhance disease detection and classification, paving the way for advancements in precision agriculture.



Student Achievements

Placement Highlights->



Shivam Soni – Placed at SAP

Shivam Soni, a CSE student of Batch 2026 at GL Bajaj Institute of Technology and Management (#GLBITM), has achieved an incredible placement at SAP where dreams shine brighter.

Shivam shared:

"The guidance and support of GLBajaj from placement training to hands-on workshops was crucial in preparing me for the industry. I am grateful for their role in shaping my professional journey and career."



Shubham Chaturvedi – Placed at SAP

Shubham Chaturvedi, a CSE student of Batch 2026 at GL Bajaj Institute of Technology and Management (#GLBITM), has secured a prestigious placement at SAP.

Reflecting on his success, Shubham said:

"My placement is a testament to the constant support from GLBajaj's rigorous training, expert technical guidance, and enriching workshops that prepared me in becoming industry ready. I am truly grateful for their efforts in shaping my career."



Placement Highlights->



Nainsi Verma – Placed at Contevolve

Nainsi Verma, a CSE student of Batch 2026 at GL Bajaj Institute of Technology and Management (#GLBITM), has secured an exciting placement opportunity at Contevolve. Nainsi said:

"Securing my placement at Contevolve has been a milestone made possible by the support of GLBajaj. The placement training, expert guidance, and continuous skill-development workshops equipped me to step confidently into the corporate world."



Shivam Gupta – Placed at Contevolve

Shivam Gupta, a CSE student of Batch 2026 at GL Bajaj Institute of Technology and Management (#GLBITM), has achieved a remarkable placement at Contevolve.

Shivam shared:

"My placement at Contevolve reflects the constant support from GLBajaj. The placement training, technical guidance, and skill-development workshops prepared me to confidently enter the corporate world. I am grateful for their unwavering efforts in shaping our careers."



Student Achievement

Asus ROG Campus Showdown->

"Best Innovation Idea" Award!

GL Bajaj Institute of Technology and Management recently hosted an electrifying esports event, the ASUS ROG 2v2 Valorant Showdown on 16 September 2025, which captivated the campus community with intense gaming action and fierce competition. Two-player teams from across the college showcased their skills in this adrenaline-pumping, memorable tournament, demonstrating razor-sharp reflexes, strategic teamwork, and clutch playmaking that kept spectators on the edge of their seats throughout the event.



The tournament featured fast-paced duels and high-stakes rounds, pushing participants to their limits as they vied for dominance in the popular tactical shooter Valorant. The excitement peaked as teams battled through nail-biting matches, and the overall atmosphere truly set a new standard for esports events at GL Bajaj. The competition concluded with a grand prize pool of ₹20,000, highlighting the importance and growing recognition of esports on campus.

As the runner-up in this prestigious showdown, your remarkable performance and skillful gameplay contributed significantly to the event's success, inspiring fellow students and esports enthusiasts. This event not only underscored the potential of competitive gaming at GL Bajaj but also reinforced the college's commitment to fostering a vibrant and dynamic esports culture.

Name: Akshat Singh

Roll No. : 2401920100052



Best Innovation Award

Hack Genesis '25->



Achievement

The Department of Computer Science & Engineering, GL Bajaj Institute of Technology & Management, proudly celebrates the outstanding achievement of our students at Hack Genesis '25—a 36-hour global hackathon that brought together brilliant innovators and creative minds from around the world.

Idea Submission:

OneTapStay

Our team introduced OneTapStay – an all-in-one digital platform for hospitality management. It streamlines hotel, homestay, and rental operations while enhancing guest experience through a single QR code. By unifying multiple services, OneTapStay eliminates repeated logins, ensuring convenience and efficiency for both guests and operators.

Prelims Round

Online Presentation

Out of 250+ teams, only 30 advanced through the online presentation round. Our team's creativity and preparation secured us a spot in the top 30.

Grand Finale

Christ University, Delhi NCR

At Christ University, Delhi NCR, we pitched OneTapStay before a distinguished panel. Out of many contenders, only 10 teams reached the finals—our innovative solution secured us a place among them.

The Final Showdown & Recognition

Team OneTapStay from GL Bajaj won the “Best Innovation Idea” award at Hack Genesis '25!

Their project impressed judges with its creativity, scalability, and real-world impact on the hospitality industry.

Winners:

- Tanishka Agrawal (Leader & Backend, CSE)
- Shivam Saxena (Frontend, CSE)
- Gopi Nath Das (Database, IT)

The CSE Department congratulates them on this proud achievement!



V-GYAAN QUIZ

“GL Bajaj CSE Students Secure 3rd Position at V-Gyaan Quiz Competition, UPITS”->



On September 27, 2025, Pushkar Singh (Roll No. 2401920100257) and Ram Dwivedi (Roll No. 2401920100264) from the Department of Computer Science & Engineering, GL Bajaj Institute of Management & Technology, made their college proud by securing the Third Position at the V-Gyaan Quiz Competition hosted by UPITS. The competition saw participation from various institutions, making their achievement all the more impressive.

The duo's success was recognized and celebrated by the college, and they were felicitated by SDM Sir for their outstanding performance. This accomplishment not only brought pride to the college but also showcased the students' knowledge and skills on a broader platform.

Their achievement is a testament to the college's commitment to fostering academic excellence and intellectual growth among its students. We congratulate Pushkar and Ram on their success and look forward to more such accomplishments in the future.



AR/VR Training Program

“GL Bajaj CSE Department Launches AR/VR Centre of Excellence for 2025–2026 with Industry Experts”->



The Department of Computer Science & Engineering, GL Bajaj Institute of Technology & Management, has proudly inaugurated its AR/VR Centre of Excellence for the academic session 2025–2026 (Odd Semester).

The training program is conducted in collaboration with Aalgorix and is led by industry experts. Mr. D. Kannan R, with over 12 years of experience in Unity, C#, AR/VR/MR, and Game Development, brings vast knowledge from his training at Capgemini, CDAC, HCL, and L&T. Mr. R. Singh, with more than 7 years of experience in XR (VR/AR/MR), Metaverse, and Multiplayer Games, has worked on AI-driven apps, VR worlds, and Meta Quest platforms..

The program is coordinated by Mr. Shikhar Pandey, Assistant Professor, CSE Department, under the guidance of Dr. Sansar Singh Chauhan, Head of Department, CSE.



Events

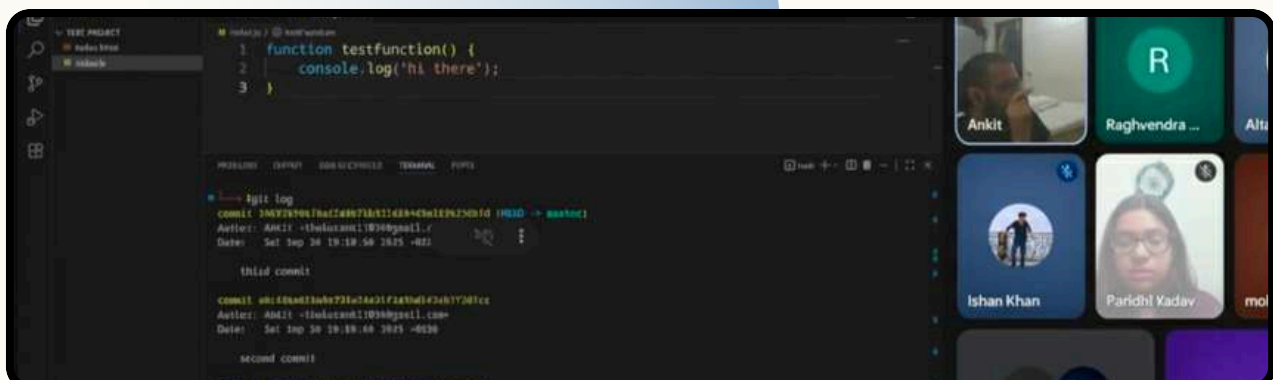
Code & Commit - Shrinik Club->

- The event “Code & Commit with Mr. Ankit.T”, organized by Shrinik Club, CSE Department, GL Bajaj Institute of Technology & Management, was held on 20th September 2025 via Google Meet and turned out to be a wonderful opportunity for students to explore one of the most essential tools in software development—Git.
- With the enthusiastic participation of over 100 students, the session created a lively and engaging learning atmosphere.
- Mr. Ankit.T delivered an interactive workshop that introduced the fundamentals of Git and guided students through practical aspects such as creating and switching branches,



working with remote repositories, merging changes, and exploring smart Git tooling tips. His clear explanations and live demonstrations made it easy for students to connect theory with practice, helping them gain confidence in collaborative development.

- The highlight was the one-on-one Q&A session, where students asked their doubts directly and received practical insights. Overall, the workshop was not just a technical session but an inspiring learning experience.
- It encouraged students to embrace collaborative coding, adopt industry-standard tools, and motivated them to code smarter, work better in teams, and prepare themselves for future opportunities in the professional world.





Events

Tech Trivia 2025 - BIS Club->

The Department of Computer Science & Engineering, G.L. Bajaj Institute of Technology and Management, in collaboration with the Bureau of Indian Standards (BIS), Noida Branch Office, successfully organized the innovative and knowledge-driven poster presentation, “Tech Trivia 2025”, on 26 September 2025 under the banner of the BIS Club of the CSE Department.



Speaking on the occasion, Mr. Vishvendra Tanwar, Standard Promotion Consultant at BIS, highlighted the organization’s pivotal role in formulating and implementing quality standards for products and services, ensuring safety, reliability, and excellence through certification, hallmarking, and standardization across industries. He also discusses the role of the standard club in the technical institute. Dr. Sansar Singh Chauhan, Head of the Department, emphasized the significance of such initiatives in equipping students to tackle emerging technologies and industry challenges.

The event received several entries from different branches covering themes such as healthcare, agriculture, surveillance, environmental sustainability, and quality standards. Students showcased their innovative ideas through posters and live demonstrations on topics like safety, waste management, and smart farming. To honor their creativity and technical excellence, winners were felicitated with cash prizes and certificates. The first prize carried a reward of ₹5,000, the second prize ₹3,000, the third prize ₹2,000, along with three consolation prizes of ₹1,000 each.

BIS Club mentor - Dr Pushpa
Faculty Cordinator - Dr Vrinda





Events

Glimpses of the Event->



Greater Noida, Uttar Pradesh, India



Greater Noida, Uttar Pradesh, India





Events

Teachers' Day Celebration at GL Bajaj->



The Department of Computer Science & Engineering, GL Bajaj Institute of Technology & Management, celebrated Teachers' Day on September 5, 2025, with great enthusiasm and respect. The event was organized by the students to honor the invaluable guidance, mentorship, and dedication of their teachers. The celebration began with a heartfelt welcome, followed by cultural performances, poems, and speeches highlighting the vital role of teachers in shaping young minds. Students expressed their gratitude through creative activities and tokens of appreciation, making the day truly memorable.

Dr. Sansar Singh Chauhan, Head of the CSE Department, along with faculty members, shared words of wisdom and encouraged students to carry forward the values of discipline, innovation, and lifelong learning.

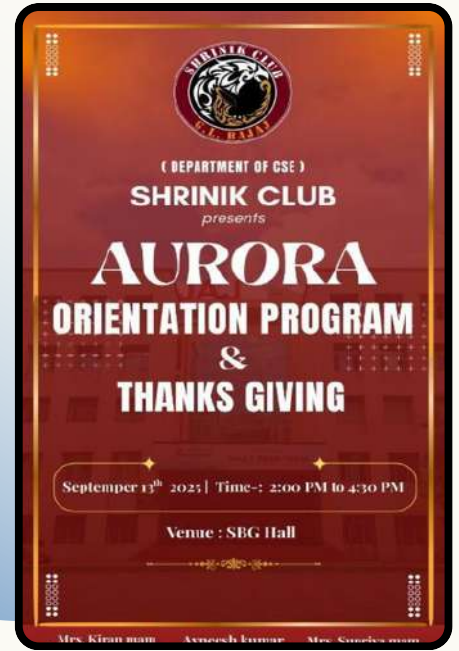
The event concluded with a vote of thanks, leaving behind a sense of joy, respect, and inspiration for both teachers and students.



Events

Aurora - ShriniK Club Orientation->

- The ShriniK Club successfully organized its Orientation Program Aurora, a vibrant and engaging event designed to welcome new members and introduce them to the club's vision, mission, and activities.
- The program served as a platform to familiarize students with the club's different teams, their roles, and the opportunities available for teamwork, leadership, and personal growth.
- The event featured a variety of performances and interactive segments that kept the audience energized and inspired. Enthralling dance performances, soulful singing, and the much-awaited launch of the club's official website added excitement and vibrancy to the program. Another highlight of the evening was the interaction between seniors and juniors, which not only bridged the gap between them but also fostered a spirit of camaraderie and mentorship.



- The Thanksgiving segment added depth to the program by expressing heartfelt gratitude to faculty, past members and giving them best wishes with a handcrafted letter and goodies.
- Overall, Aurora was a celebration of talent, teamwork, and tradition, leaving participants with cherished memories, strengthened bonds, and a renewed sense of enthusiasm to carry forward the legacy of the ShriniK Club.





Events

Aurora - Shrinik Club Orientation->



Key Highlights:

- Official Website Launch: Marked a major step in enhancing the club's digital presence and engagement.
- Introduction of Team Members: Helped students understand roles, encouraged collaboration, and strengthened bonds across teams.
- Thanksgiving to Seniors: Recognized the invaluable contributions of past members, inspiring juniors to uphold the club's legacy.

The event featured cultural performances, interactive segments, and senior-junior interactions, keeping the audience engaged and fostering camaraderie. Handcrafted letters and goodies were presented to express gratitude to faculty and seniors.

Conclusion:

Aurora celebrated talent, teamwork, and tradition, leaving members inspired and motivated. The event set a positive tone for the year ahead, encouraging active participation and dedication to carrying forward the legacy of the Shrinik Club.

As the event came to a close, members departed with renewed enthusiasm and a sense of belonging. The successful celebration of Shrinik Club's legacy not only honored the past but also paved the way for future innovations and achievements. With a strengthened bond among members and a clear vision for the year ahead, the club is poised to reach new heights. The energy and excitement generated during the event will undoubtedly fuel the members' passion and commitment to the club's mission and values. The anticipation for upcoming events and projects is palpable, and the club's future looks brighter than ever with new roles, and a new era into leadership.



Events

Glimpses of the Event->



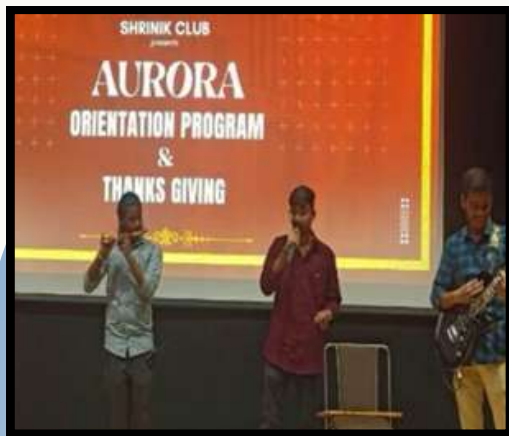
Ms. Kiran Singh
Faculty Coordinator

Every day has the power to make an impact. My responsibility is to ensure that every student and help them grow with confidence. I believe that when curiosity meets guidance, it transforms into innovation. By encouraging students to think beyond limits, face challenges fearlessly, and trust their own potential, we create not just learners, but future leaders. My aim is to provide them with the right environment, resources, and motivation so that their dream isn't just a dream, but rather, a reality that inspires and brings change.



Ms. Supriya
Faculty Coordinator

Mentorship is not about leading the way, but about walking alongside students as they carve their own path. It is about being a guide, not a commander—offering support, encouragement, and wisdom while allowing them to make their own choices and learn from their experiences. A true mentor empowers students to discover their strengths, overcome their doubts, and shape their own journey with confidence. The role of a mentor is not to provide all the answers, but to help students ask the right questions and believe in their ability to find the answers themselves.





Bytes & Breakthroughs

Anthropic releases Claude Sonnet 4.5

- A big upgrade in their AI model line. Improved performance in coding, scientific reasoning, and finance tasks.
- Key features: can run autonomously for 30 hours (versus 7 hours in earlier versions) when dealing with complex coding or app building tasks.
- It's being positioned for regulated/enterprise environments where reliability, safety, and guardrails matter.

Alibaba launches Qwen3-Max with over 1 trillion parameters

- Massive scale large language model.
- Strong in code generation and autonomous agent capabilities. This reflects how big players are pushing LLMs further in terms of scale & capability.

Microsoft unveils in-house AI models (MAI-Voice-1 and MAI-1-prev)

- Expanding voice / speech AI and general language models developed internally, not via external models.
- MAI-Voice-1: high performance speech model; generates audio quickly.
- MAI-1-preview: a large language model built for consumer-oriented tasks.

Quantum computing with regular silicon chips(UK,Quantum Motion)

- First quantum computer built using CMOS (regular silicon) technology.
- This helps with scalability & manufacturability since CMOS tech is well understood and used widely.
- They use spin qubits, have achieved high accuracy two-qubit gates (~98%) in natural silicon, and the system is modular for scaling.

Quantum Supremacy “for real this time”(Texas University at Austin)

- They claim an unconditional separation between quantum and classical computing for a specific task.
- The task uses only 12 qubits but would need a large classical bit-count to simulate.
- This could be a landmark moment, because previous claims had caveats or restatements; here they assert it's more definitive.

www.glbitm.org



Plot No. 2, Knowledge Park-III, Greater Noida - 201306

