

**MARCH
2026**

THE NEWSLETTER

DEPARTMENT OF CSE

**FIND
YOUR
SPARK**





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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 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.

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



Institutional & Departmental Ethos

Knowledge and Attitude Profile (WK)

WK1.A systematic, theory-based understanding of the natural sciences applicable to the discipline and awareness of relevant social sciences.

WK2.Conceptually-based mathematics, numerical analysis, data analysis, statistics and formal aspects of computer and information science to support detailed analysis and modelling applicable to the discipline.

WK3.A systematic, theory-based formulation of engineering fundamentals required in the engineering discipline.

WK4.Engineering specialist knowledge that provides theoretical frameworks and bodies of knowledge for the accepted practice areas in the engineering discipline; much is at the forefront of the discipline.

WK5.Knowledge, including efficient resource use, environmental impacts, whole-life cost, re-use of resources, net zero carbon, and similar concepts, that supports engineering design and operations in a practice area.

WK6.Knowledge of engineering practice (technology) in the practice areas in the engineering discipline.

WK7.Knowledge of the role of engineering in society and identified issues in engineering practice in the discipline, such as the professional responsibility of an engineer to public safety and sustainable development.

WK8.Engagement with selected knowledge in the current research literature of the discipline, awareness of the power of critical thinking and creative approaches to evaluate emerging issues.

Ethics, inclusive behavior and conduct. Knowledge of professional ethics, responsibilities, and norms of engineering practice. Awareness of the need for diversity by reason of ethnicity, gender, age, physical ability etc. with mutual understanding and respect, and of inclusive attitudes.



Institutional & Departmental Ethos

Program Outcomes (POs)

Engineering Graduates will be able to:

PO1.Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2.Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development. (WK1 to WK4)

PO3.Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4.Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5.Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6.The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7.Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8.Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9.Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10.Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11.Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)



Visionary Voice



**Dr. Manas Kumar
Mishra**

Director, GLBITM

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



It gives me immense pleasure to connect with our students and faculty through the monthly newsletter of the Department of Computer Science and Engineering. This platform reflects not only academic progress but also the collective spirit of innovation, discipline, and excellence that defines GL Bajaj.

In an era where technology evolves at an unprecedented pace, each new day presents fresh challenges and opportunities. It is the need of the hour to continuously upgrade our skills, adopt innovative strategies, and remain aligned with emerging industry trends. At GL Bajaj, we remain committed to strengthening our academic foundation while fostering research, innovation, and practical application of knowledge. Our focus is not only on creating new avenues of learning but also on transforming ideas into real-world technological solutions that contribute to societal and professional growth.

I firmly believe that students who walk the guided path laid by our institution will carry forward the skills, values, and experiences gained here throughout their lives. Our objective is to ignite the potential within every learner and nurture them through a balanced blend of technical competence, hands-on exposure, and strong ethical values. By promoting a culture of critical thinking, resilience, and independent learning, we aim to shape future-ready professionals who are also responsible citizens.

I extend my best wishes to the Department of Computer Science and Engineering for their continued efforts in academic excellence and innovation. I encourage our students to remain curious, disciplined, and committed to making a meaningful and positive impact in the world.



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



Student Achievement

Placement Milestone->



The GL Bajaj community is bursting with pride as we celebrate a phenomenal placement milestone. **Kritika Sinha (CSE) have secured prestigious offers from the global financial leader, JPMorgan Chase & Co., with an outstanding package of ₹19.75 LPA.**

JPMorgan is known for its rigorous selection criteria, looking for the perfect blend of analytical prowess and technical depth. Mansi and Kritika's success is a testament to their dedication to mastering complex algorithms and the high-level training provided at GLBITM.

Highlights:

- **Students: Kritika Sinha (CSE)**
- **Company: JPMorgan Chase & Co.**
- **Package: ₹19.75 LPA**
- **Batch: 2026**

Congratulations to our high-achievers! You have set a fantastic example for your peers.



Student Achievement

Placement Milestone->



The Department of Computer Science and Engineering is proud to celebrate the individual achievement of **Akansha Pundir**, a **final-year student from the Batch of 2026**. **Akansha has secured a prestigious placement offer with Myntra at an impressive package of ₹18 LPA.**

Her selection underscores the technical proficiency and passion for innovation that our students bring to the table. Akansha's journey at GLBITM has been marked by consistency and a strong focus on building scalable tech solutions, making her a perfect fit for a tech-forward organization like Myntra.

Highlights:

- **Student: Akansha Pundir**
- **Department: CSE**
- **Package: ₹18 LPA**
- **Batch: 2026**

We congratulate Akansha on this well-deserved success and wish her a fulfilling professional career ahead!



Student Achievement

Placement Milestone->



The Department of Computer Science and Engineering is proud to celebrate the individual achievement of **Tanya Sharma, a final-year student from the Batch of 2026. Tanya has secured a promising placement offer with Pinnaxis at a package of ₹7 LPA.**

Her selection underscores the technical proficiency and rigorous preparation that our students bring to the table. Tanya's journey at GLBITM has been marked by consistency and a strong focus on core engineering principles, making her a perfect fit for a tech-driven organization like Pinnaxis.

Highlights:

- **Student: Tanya Sharma**
- **Department: CSE**
- **Package: ₹7 LPA**
- **Batch: 2026**

We congratulate Tanya on this well-deserved success and wish her a fulfilling professional career ahead!

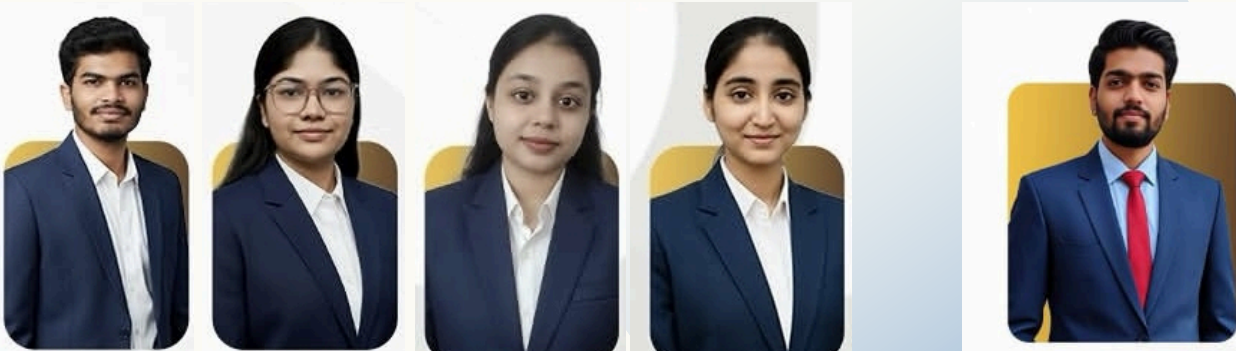


Student Achievement

Placement Milestone->

Q2

RxLogix



The Department of Computer Science and Engineering is proud to celebrate the stellar achievements of our final-year students from the Batch of 2026. Our students continue to prove their mettle in the competitive tech landscape by securing prestigious offers from industry leaders RxLogix and Q2.

These selections underscore the technical proficiency, rigorous academic training, and problem-solving skills fostered at GL Bajaj Institute of Technology and Management. Whether it's specialized healthcare tech or data-driven software solutions, our students' journeys have been marked by consistency and a strong focus on core engineering principles.

Highlights of the Achievement:

- **Selected at RxLogix (Package: ₹5.50 LPA):**
 - **Dharmendra Tiwari (CSE)**
- **Selected at Q2:**
 - **Palak Mittal (CSE)**
 - **Shivangi Saxena (CSE)**
 - **Rishabh Mishra (CSE)**
 - **Riddhi Singh (CSE)**

Batch: 2026

We congratulate all our selected students on these well-deserved successes. The CSE Department wishes them an incredible professional journey ahead as they step into these exciting new chapters!



Student Achievement

Placement Milestone->



The Department of Computer Science and Engineering is proud to share the news of a highly successful recruitment drive with Amdocs, a global leader in software and services for the communications and media industries. Our students from the Batch of 2026 have once again demonstrated their technical acumen and professional excellence, securing prestigious roles with a package of ₹5.3 LPA.

This achievement is a testament to the industry-aligned training and technical competence fostered at GL Bajaj Institute of Technology and Management. We are thrilled to see our students consistently being the preferred choice for global tech giants.

Highlights of the Achievement:

- **Selected Students (CSE):**
 - **Priyanshu Singhal**
 - **Abhishek Tiwari**
 - **Ishant Jaiswal**
 - **Anushka Mittal**
- **Company: Amdocs**
- **Package: ₹5.3 LPA**
- **Batch: 2026**

We congratulate our students on this significant milestone and wish them a brilliant start to their corporate careers!



Alumni Visit

Alumni Visit - Batch of 2025->



We were delighted to welcome our esteemed alumni, **Harsh Deep** and **Harsh Raj** from **the Batch of 2025**, back to campus. **Currently working as an Engineer Trainee at Coforge and a Software Development Engineer at Commvault** respectively, their visit served as a meaningful opportunity to reconnect with the department and inspire current students.

During their visit on campus, they met with the Head of the Computer Science & Engineering Department, **Dr. Sansar Singh Chauhan** and engaged in insightful discussions about the evolving industry landscape, emerging technologies, and the expectations from fresh graduates. They also shared their personal journeys from campus life to securing placements highlighting the importance of consistency, skill development, and practical exposure.

The interaction with students was particularly engaging, as they addressed queries related to placements, technical preparation, and workplace experiences. Their guidance provided clarity and motivation to students aspiring to build successful careers in the tech industry.



Alumni Visit

Salesforce Development: Learning Curve & Career Opportunities->



The session titled **“Salesforce Development: Learning Curve and Career Opportunities”** was conducted on **24th March 2026** in offline mode, aiming to provide students with valuable insights into Salesforce development and its growing relevance in the industry.

The session was delivered by **Ms. Esha Garg, a Salesforce Professional and a proud alumna of the B.Tech CSE Batch of 2019 from GL Bajaj Institute of Technology & Management.** During the session, she introduced students to Salesforce as a promising career domain and elaborated on the platform’s applications, widespread industry demand, and relevance in today’s technology-driven world.

She discussed various career roles such as Salesforce Developer, Administrator, and Consultant, providing clarity on their responsibilities and growth prospects. Additionally, she guided students on the importance of certifications, continuous skill development, and utilizing the right learning resources to build a strong foundation in the domain. Sharing her real-world experiences, she highlighted practical challenges, project insights, and career growth opportunities within Salesforce, making the session highly relatable and informative.



Alumni Visit

Higher Studies in Germany and Career Directions - Ms. Alruba Khan



The session titled **“Higher Studies in Germany and Career Directions”** was conducted on **1st April 2026** in offline mode, aiming to provide students with comprehensive insights into pursuing higher education in Germany and exploring global career opportunities in the fields of **Artificial Intelligence and Data Science**. The session focused on guiding students in academic planning, gaining international exposure, and preparing for industry requirements at a global level.

The session was delivered by **Ms. Alruba Khan, Senior Data Scientist at Merck Group, Germany, and an esteemed alumna of the B.Tech CSE Batch of 2017 from GL Bajaj Institute of Technology & Management**. Drawing from her own academic and professional journey, she provided students with a clear understanding of higher education opportunities in Germany, including the admission process, eligibility criteria, and essential documentation required for applications.

She further elaborated on German universities, available courses, and specializations in AI and Data Science, while also discussing practical aspects such as scholarships, cost of living, and student life in Germany.



Alumni Achievement

**Dream, Dedication, Duty :
Alumni making the nation proud->**



At GLBITM, we don't just produce engineers; we nurture leaders of tomorrow. We are honored to feature our proud alumnus, **Mr. Anupam Kumar Mishra (B.Tech CSE, 2012), who is serving as the City Magistrate in Mathura.**

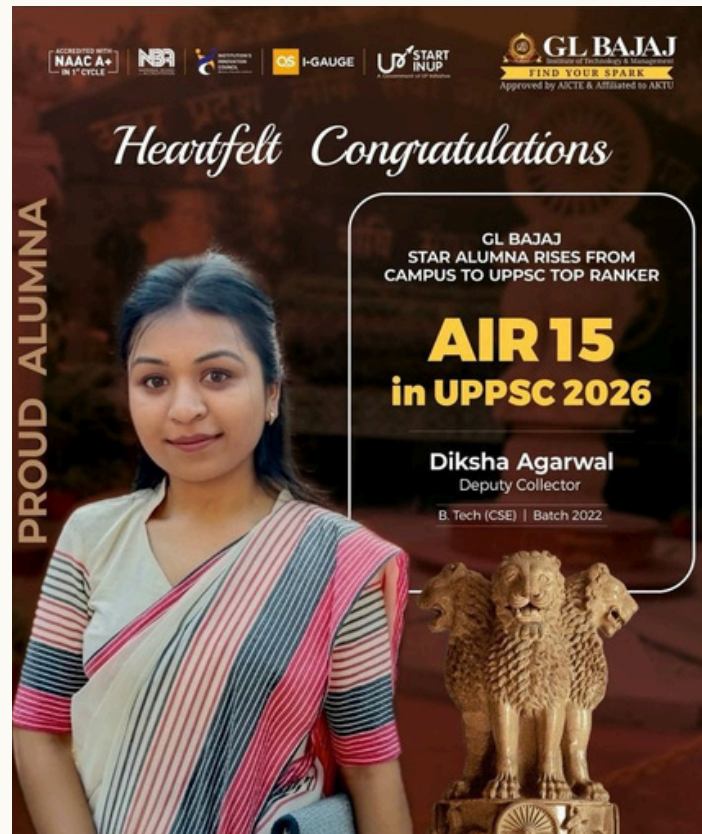
Mr. Mishra's achievement proves that the analytical skills and discipline learned during a B.Tech degree are the perfect stepping stones for a career in the civil services. He is truly a "GLBian Serving the Nation."

The Department of CSE salutes his spirit and commitment to the country! His success story serves as a powerful reminder to our students that their potential is limitless.



Alumni Achievement

From Classroom to Civil Services: A Journey of Excellence->



At GLBITM, we nurture leaders of tomorrow. We are honored to feature our proud alumna, **Mrs. Diksha Agarwal (B.Tech CSE, 2022)**, who cleared **UPPSC 2026 examinations with AIR 15 and serving as Deputy Collector.**

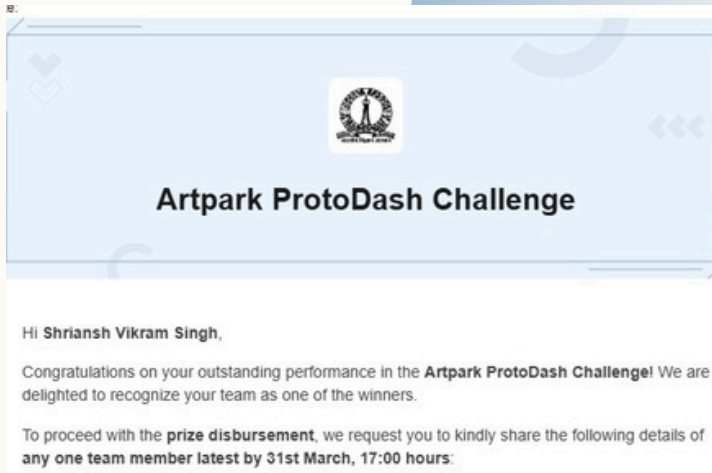
Mrs. Diksha's achievement proves that the analytical skills and discipline learned during a B.Tech degree are the perfect stepping stones for a career in the civil services. She is truly a "GLBian Serving the Nation."

The Department of CSE salutes her spirit and commitment to the country! Her success story serves as a powerful reminder to our students that their potential is limitless.



Student Achievement

Excellence at National Artpark ProtoDash Challenge 2026 - Shriansh Vikram Singh->



We are proud to share that **Shriansh Vikram Singh**, representing **Team Artichouse**, secured an outstanding **2nd position** at the prestigious **National Artpark ProtoDash Challenge 2026**, organized by **IISc Bangalore**. The competition witnessed participation from over 1100 teams across the country, making it a highly competitive and innovation-driven event.

The hackathon emphasized creativity, user experience, and problem-solving, challenging participants to develop impactful and user-centric solutions. Team Artichouse distinguished itself through its innovative approach, strong technical execution, and attention to detail, ultimately earning a top position among a vast pool of talented participants.

In recognition of this remarkable achievement, **Shriansh Vikram Singh** was awarded a cash prize of **₹5,000**. This accomplishment highlights his dedication, problem-solving skills, and ability to compete at a national level. Such achievements serve as an inspiration for fellow students to actively engage in innovation, participate in competitive platforms, and strive for excellence in the field of technology.



Student Achievement

Excellence at She Innovates Hackathon ->



We are proud to share that **Sakshi**, a student of the **Department of Computer Science & Engineering**, achieved a remarkable victory at **She Innovates 2026**, organized under **Women in Science and Engineering (WISE)**, **GNIOT**. Competing against several talented participants, she secured the winning position with her innovative and impactful project.

Sakshi presented an **AI-Based Threat Detection Platform**, a **real-time network security system designed to identify cyber threats** before they can cause damage.

The project focuses on proactive security by continuously monitoring live network traffic, detecting suspicious activities such as port scanning, and assigning threat scores based on behavior patterns.

This achievement highlights Sakshi's strong technical expertise, innovative thinking, and practical understanding of real-world security systems, particularly in behaviour-based detection and real-time monitoring.



Student Achievement

Innovating Futures: Adarsh Rajput at India Innovates 2026->

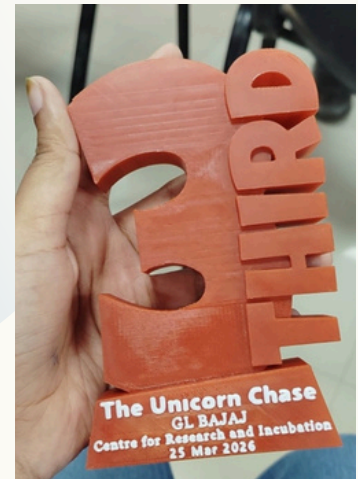


Adarsh Rajput, a student of Computer Science and Engineering, actively participated in **India Innovates 2026, held on 28 March 2026 at Bharat Mandapam, New Delhi**. This prestigious event brought together innovators, thinkers, and creators from across the country. His participation reflects enthusiasm, dedication, and a strong inclination toward innovation and problem-solving. Engaging in such a national-level platform provided valuable exposure to emerging ideas and collaborative learning. His contribution played a role in the success of the event and highlights the spirit of continuous learning and excellence among CSE students.



Student Achievement

The Unicorn Chase : 3rd Position by CSE Students->



We are proud to share that **Team CltAltDefeat** secured an impressive **3rd position** in “The Unicorn Chase – Run the Startup Race,” a dynamic campus-wide startup scavenger hunt designed to simulate the real-world entrepreneurial journey. Competing against multiple teams, the event challenged participants to think beyond conventional approaches and demonstrate innovation under pressure.

The competition was structured across multiple zones, each representing a crucial stage of building a startup from ideation and prototype development to strategic decision-making and final pitching. Throughout the event, the team successfully navigated through cryptic clues, real-time problem-solving tasks, and market-driven scenarios that required quick thinking, adaptability, and strong coordination.

Team CltAltDefeat showcased exceptional teamwork, effective communication, and a focused approach in high-pressure situations. Each member contributed unique perspectives and skills, enabling the team to tackle challenges efficiently and strategically. Securing a podium finish in such a competitive and innovation-driven environment reflects the team’s determination, strategic mindset, and collaborative spirit.



Faculty Recognition

Patent Granted - Dr. Sansar Singh Chauhan->



We are proud to share a remarkable achievement by GL Bajaj Institute of Technology & Management with the grant of a patent titled “Decentralized Blockchain Based Secure and Anonymous Electronic Voting” by the Patent Office, Government of India.

The **patent (No. 583675)** was officially granted on 17th March 2026, marking a significant milestone in the institution’s journey towards innovation and research excellence

The patent has been granted to GL Bajaj Institute of Technology & Management, with key contributions from our distinguished Head of Department **Dr. Sansar Singh Chauhan**. His collaborative efforts with **Dr. Madhu Gaur, Dr. Rudra Pratap Ojha and Dr. Mahaveer Singh Naruka** reflect the institution’s strong emphasis on research-driven innovation and its commitment to addressing real-world problems through advanced technological solutions.



Faculty Recognition

Scholarly Research Paper Contribution

Dr. Vrinda Sachdeva->

2025 3rd International Conference on Advances in Computation, Communication and Information Technology (ICAICCT)

Understanding and Analyzing World's Happiness Dynamics

Vasudha Arora
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We are proud to highlight the research contribution of **Dr. Vrinda Sachdeva** from the **Department of Computer Science & Engineering**, GL Bajaj Institute of Technology & Management, who co-authored a paper titled **“Understanding and Analyzing World’s Happiness Dynamics”**, presented at the **3rd International Conference on Advances in Computation, Communication and Information Technology (ICAICCT 2025)**, published by IEEE .

The research focuses on exploring the concept of happiness as a crucial indicator of human development in today’s rapidly evolving world. Moving beyond traditional measures such as GDP, the study emphasizes the importance of understanding well-being through multiple socio-economic and psychological factors.

Using data from the World Happiness Report, which evaluates over 150 countries, the paper analyzes how individuals perceive their quality of life based on parameters such as economic conditions, social support, life expectancy, freedom, generosity, and absence of corruption.

Through the application of statistical techniques including correlation analysis and regression modelling, the study identifies key drivers influencing happiness across different regions and time periods.



Faculty Recognition

Research Spotlight: IEEE Conference Publication Achievement->

Towards Automated Traffic Law Enforcement: A Deep Learning Approach for Helmet Detection on Two-Wheelers

Publisher: IEEE [Cite This](#) [PDF](#)

[Sandeep Kumar](#) · [Samridhi Dev](#) · [Shikhar Prateek Pandey](#) · [Supriya](#) · [All Authors](#)

Abstract
Road traffic fatalities in India involve two-wheeler riders, as they account for almost a sizeable figure associated with no helmet use. The manual enforcement of combined with this domain knowledge - which was not only inefficient and result in biased outcomes but fell short in its ability to eventually scale with the growing vehicle population. This paper proposes an automated, Helmet Check: a two-stage deep learning pipeline for detecting helmet law violations in real-time from surveillance footage. The first stage employs a Two-wheeler localization and segmentation with Faster R-CNN model riders within complex traffic scenes. The second stage utilizes a YOLOv3 model classifying each detected rider as just shown in Figure 1 as a 'Helmet' or 'No-Helmet'. The system was trained on a carefully curated dataset with over 1,600, augmented to be resilient against different lighting and weather conditions. The mAP achieved by the proposed model Achieving 95.86% mAP which shows a great level of accuracy for real-world deployment. This cost-effective solution minimizes depends on human watching and provides a tech guide for law enforcement agencies to improve road safety as well as it will make sure that people are following all traffic rules.

Published in: 2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)

Date of Conference: 12-14 February 2026 **DOI:** 10.1109/IC3ECSBHI67834.2026.11469086

Date Added to IEEE Xplore: 14 April 2026 **Publisher:** IEEE

ISBN Information: **Conference Location:** Greater Noida, (Delhi NCR), India



We are delighted to share that a research paper titled **“Towards Automated Traffic Law Enforcement: A Deep Learning Approach for Helmet Detection on Two-Wheelers”** has been successfully published in an IEEE conference.

The paper is authored by **Sandeep Kumar, Samridhi Dev, Mr. Shikhar Prateek Pandey (GL Bajaj Institute of Technology and Management, Greater Noida)** and **Supriya**, and was presented at the **2026 2nd International Conference on Cognitive Computing in Engineering, Communications, Sciences and Biomedical Health Informatics (IC3ECSBHI)** held in Greater Noida, India.

The model was trained on a curated and augmented dataset, ensuring robustness across varying environmental conditions such as lighting and weather. The proposed system achieved an impressive 95.86% mean Average Precision (mAP), demonstrating strong potential for real-world deployment.

The paper is published by IEEE and is accessible via DOI: 10.1109/IC3ECSBHI67834.2026.11469086.



Faculty Recognition

Earns Reviewer Recognition at AICTC-2026->



We are pleased to share that **Mr. Shikhar Prateek Pandey** from the **Department of Computer Science & Engineering, GL Bajaj Institute of Technology & Management**, has been recognized for his valuable contribution as a **Reviewer** at the **6th International Conference on Advances in Information Communication Technology and Computing (AICTC-2026)**.

The conference, held from **17th to 18th April 2026 at BTU Bikaner, Rajasthan**, is a prestigious international platform that brings together researchers, academicians, and industry experts to discuss emerging trends and innovations in the field of information and communication technology.

Being selected as a reviewer for such a reputed conference reflects Mr. Pandey's academic expertise, research proficiency, and commitment to maintaining high scholarly standards.



Faculty Recognition

Faculty Development Programme

Ms. Shipra Singh->



We are pleased to share that **Ms. Shipra Singh** from the Department of Computer Science & Engineering successfully participated in a Faculty Development Programme titled **“Harnessing Artificial Intelligence for Innovative Teaching and Learning in Higher Education”**, held from **10th to 14th March 2026** at Poornima University.

The programme focused on the integration of Artificial Intelligence into modern teaching practices, aiming to enhance the quality and effectiveness of higher education.

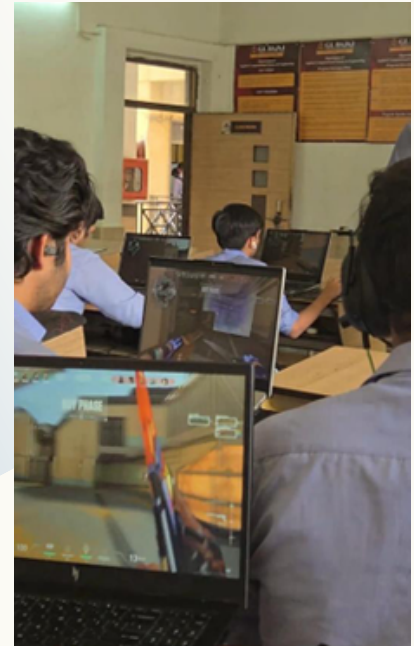
It provided valuable insights into AI-driven teaching methodologies, emerging tools, and innovative pedagogical approaches that are transforming the educational landscape. The sessions highlighted how technology can be leveraged to create more interactive, personalized, and efficient learning experiences for students.

Through this programme, **Ms. Singh gained exposure to various AI-based platforms and strategies** that can be effectively incorporated into classroom teaching and academic activities.



Event

Valorant Bash - Shrinik Club->



The Department of Computer Science and Engineering successfully organized the **“VALORANT – Closed Beta Tournament” on 1st April 2026 in offline mode**, bringing together students for an engaging and competitive esports experience. With a total participation of 40 students, the two-hour gaming tournament was centered around the theme of competitive esports and team strategy.

The primary objective of the event was to promote a healthy gaming culture among students while enhancing essential skills such as teamwork, strategic thinking, and decision-making.

Team **Pulse** emerged as the Winners with team members **Shreyas Bhuyan , Shorya Tyagi , Akshat Singh , Ankur Singh and Devyansh Shukla.**

Throughout the tournament, participants demonstrated strong collaboration and adaptability, executing team-based strategies and responding effectively to dynamic gameplay scenarios.

www.glbitm.org



GL BAJAJ

Institute of Technology & Management

FIND YOUR SPARK

Approved by AICTE & Affiliated to AKTU

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