

JUNE 2025

THE DEPARTMENT OF CSE-DS

ADVYATAN

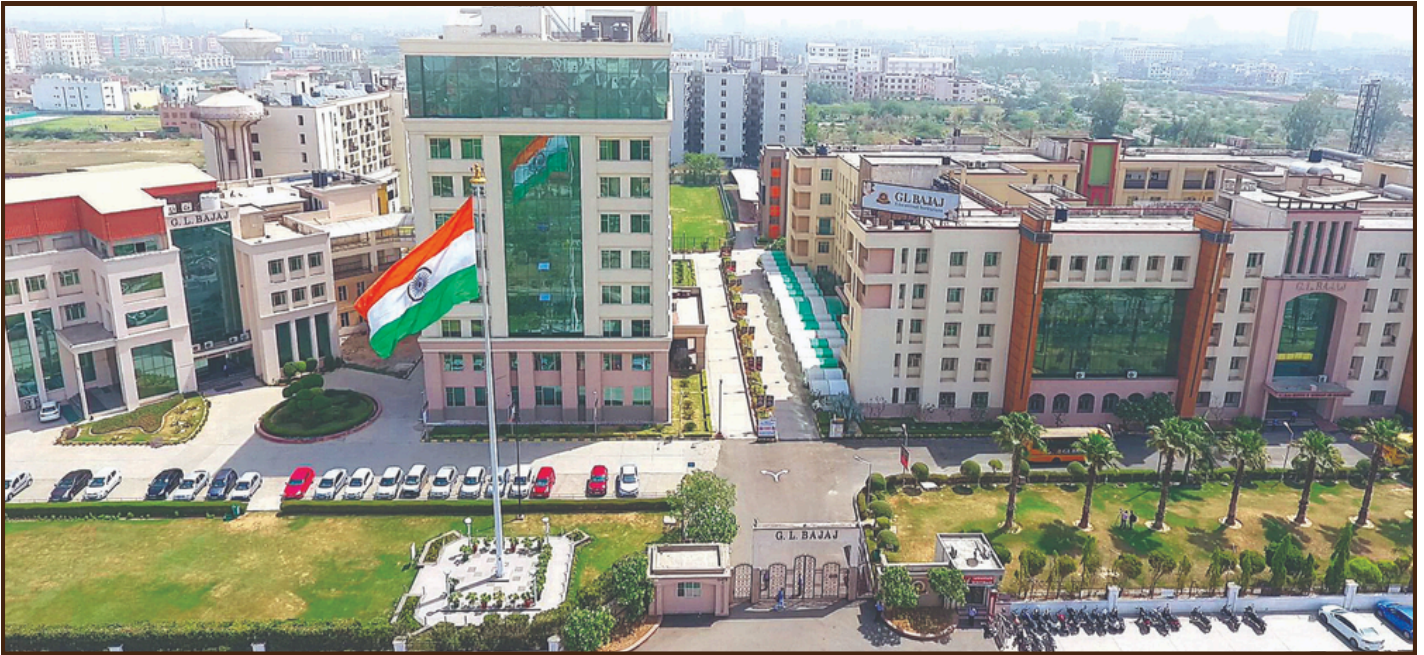
NEWSLETTER



CONTENT

About the Institution	03
Message from Director	04
Message from H.O.D.	05
CSE-DS Faculty Members	06
Editors	07
About YUKTIKULA Club	08
Club Events	09
Faculty Wall	12
Students' Achievements	16

ABOUT THE INSTITUTE



GL Bajaj Institute of Technology and Management is one of the quality driven Educational Institute in the Greater Noida. GL Bajaj stands out as one of the best engineering and management college in UP & approach to assist and equip the students for their overall development, giving them a strong foundation for a successful future. The institute offers B.Tech, MBA and MCA programs.

This self financed institute is governed by Rajeev Memorial Academic Welfare Society (Registered Under Societies Registration Act 1860). It is approved by All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow.

The institute has been maintaining its positions amongst the top engineering and management colleges in AKTU university results. It has been maintaining the highest pass percentage amongst the engineering and Management colleges in Noida and Greater Noida

MESSAGE FROM DIRECTOR

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



Welcome to GL Bajaj, where academics and activities never end and the students are moulded as future technocrats and business leaders. The Institute works on the vision to become one of the leading centres of teaching, research and extensions in the field of Engineering and Technology through total commitment towards quality education and training. We instil our students with the strength of character, self-confidence technical competence, and leadership in management. Further GL Bajaj spares no effort to deliver the curriculum in the most effective manner. We propagate knowledge to the students with the help of dedicated faculty, state-of-the-art library and well-equipped labs along with audio-visual theatre.

With the world becoming a global village and globalization coupled with stiff competition is making its presence felt in our country, the need of the hour is to meet such tests and challenges successfully. Hence the institute constantly scans the developments in Technology, Science and society and tries proactively to meet the challenges.

The institute has an enviable track record of academic excellence. Our placement record reflects the versatile talents of the institute's student community. As a part of GLBITM's commitment towards quality technical education and excellence, we embarked on promoting the Faculty Development Program, Seminars, Workshops, and Conferences, which keep the faculty members and the students abreast of their field.

I on behalf of GL Bajaj Institute of Technology and Management, invite you to embark on a lifetime partnership with the Institute.

Dr. Preeti Bajaj
Director, GLBITM

MESSAGE FROM HOD



“Education serves to ignite the spark of knowledge and unravel the threads of truth”

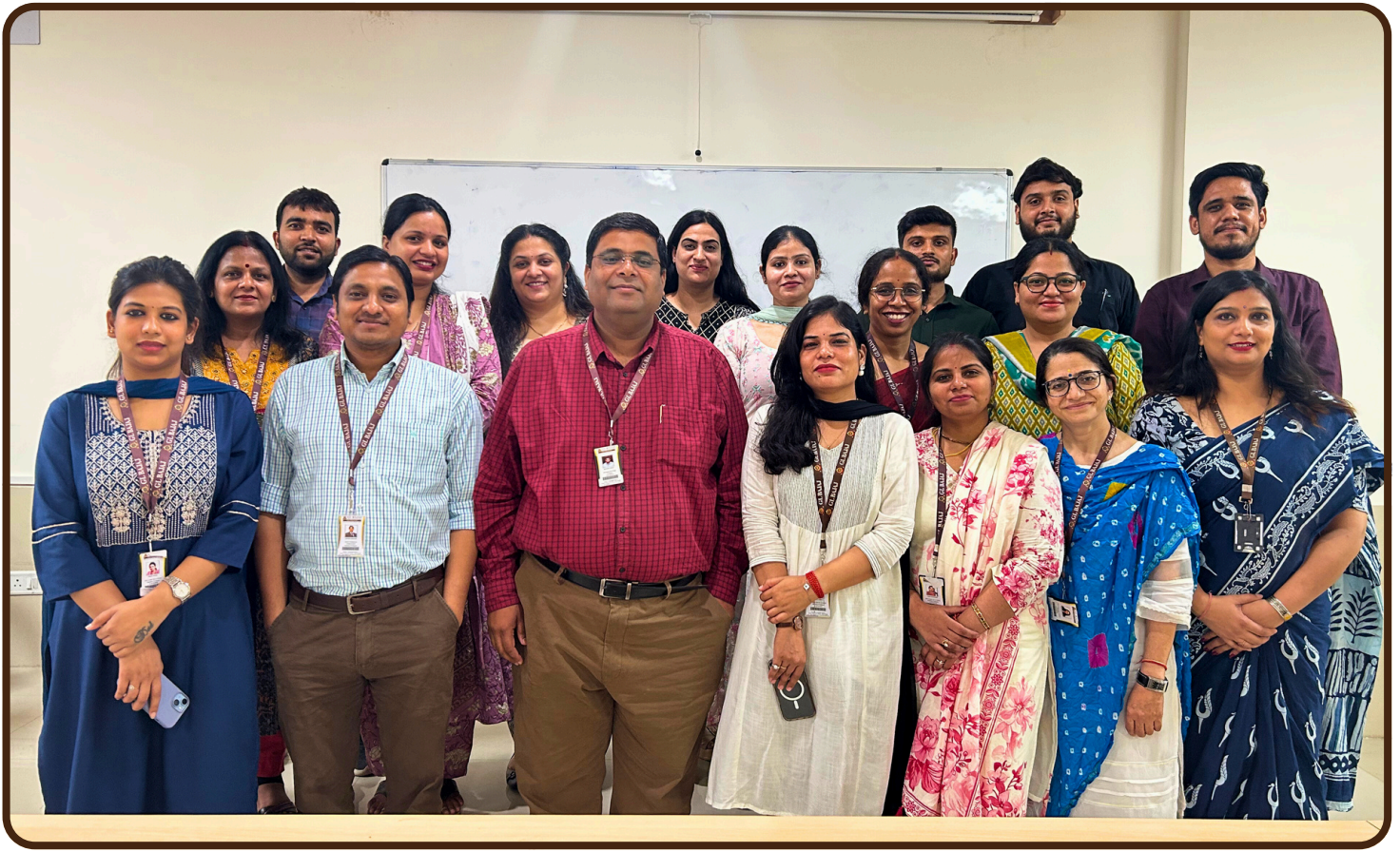
With the world becoming a global village and globalization coupled with stiff competition is making its presence felt in our country, the need of the hour is to successfully meet such tests and challenges. Hence the institute constantly scans the developments in Technology, Science and in society and tries proactively to meet the challenges.

The institute has an enviable track record of academic excellence, which is coupled with hands-on industrial training, and innumerable industry-institute interaction, which makes each GL Bajaj student ready to be absorbed in the industry. Our placement record reflects the versatile talents of the student community of the Institute. It shows their technical and managerial skills.

As a part of GLBITM's commitment towards quality technical education and excellence, we embarked on promoting Faculty Development Program, Seminars, Workshops and Conferences, which keep the faculty members and the students abreast of their field.

Dr. Mayank Singh
HOD, CSE-DS

CSE-DS FACULTY MEMBERS



The Department of Computer Science and Engineering (Data Science) at GL Bajaj Institute of Technology and Management is home to a distinguished and dedicated team of faculty members who bring a perfect blend of academic expertise, research excellence, and industry experience. The faculty members are passionate educators who are committed to shaping the next generation of data scientists and innovators.

The department fosters a student-centric learning environment, where faculty members mentor, guide, and inspire students to excel academically and professionally. Their open-door policy and commitment to continuous learning ensure that students are supported at every step of their academic journey.

Together, the CSE (Data Science) faculty at GL Bajaj uphold the institute's vision of excellence, innovation, and holistic development

EDITORS



HOD CSE-DS:
DR. MAYANK SINGH

EDITOR:
MS. RACHNA SINGH SISODIA

EDITOR:
MS. PRIYA SINGH

MEMBER:
SAKSHI SRIVASTAVA (CSE-DS 4, 2ND YEAR)

MEMBER:
KUNAL SATI (CSE-DS 2, 2ND YEAR)

ABOUT YUKTIKULA CLUB

DEPARTMENT OF CSE-DS



HEAD CHAIRS

FACULTY COORDINATORS

Ms. Rachna Singh Sisodia,
Ms Priya Singh

PRESIDENT

Param Saxena

VICE PRESIDENT

Arpita Ojha

SECRETARY

Jigisha Baliyan

In a rapidly globalizing world, it is essential to be prepared for evolving challenges. At GL Bajaj, we continuously monitor advancements in technology, science, and social trends to equip our students for the future.

With a strong record of academic excellence, hands-on industrial training, and active industry engagement, GL Bajaj ensures that its students are industry-ready. Our outstanding placement results highlight their technical expertise and leadership skills.

Committed to quality education, GLBITM promotes Faculty Development Programs, seminars, workshops, and conferences to keep our faculty and students at the forefront of innovation. Through vibrant initiatives like the Yuktikula club, we nurture creativity, innovation, and leadership beyond academics.

On behalf of GL Bajaj, we invite you to embark on a journey of growth, excellence, and opportunity with us.

CLUB EVENTS

FAREWELL 2025

As the Batch of 2025 concludes its academic journey, the Department of Computer Science and Engineering – Data Science extends its heartfelt congratulations and best wishes to all graduating students.

Over the past four years, the students of this cohort have demonstrated exceptional dedication, academic excellence, and a spirit of innovation. Through their consistent performance in coursework, participation in technical events, research endeavors, internships, and contributions to departmental and institutional activities, they have upheld the values and vision of GLBITM.

This batch has exemplified the interdisciplinary nature of data science — blending computing, analytics, and domain knowledge to address real-world problems. Their contributions have enriched the academic environment of the department and set a benchmark for future batches to follow.

We express our sincere appreciation for their commitment and contribution to the department and the institute. As they step into the professional world or pursue higher studies, we are confident that they will continue to uphold the standards of integrity, knowledge, and excellence they have exhibited here.

The faculty and staff of the CSE-DS Department wish the Batch of 2025 continued success, lifelong learning, and meaningful impact in all their future endeavors.



CLUB EVENTS

FAREWELL 2025



CLUB EVENTS

OPEN HOUSE FINAL YEAR PROJECT PRESENTATION

The Department of Computer Science and Engineering (Data Science) at GL Bajaj Institute of Technology and Management organized its much-anticipated Open House 2025 at the CTM venue, offering a vibrant platform for final-year students to present their capstone projects. The event witnessed an impressive display of innovation, creativity, and technical prowess as students showcased projects spanning diverse domains including AI, machine learning, cybersecurity, IoT, and more.



Adding to the prestige of the event, Director Ma'am personally visited each project booth, interacting with students, appreciating their work, and offering valuable insights. Her presence greatly motivated the participants and reflected the institute's unwavering support for student-led innovation.

A special highlight of the event was the participation of Smart India Hackathon (SIH) winners, whose award-winning solutions were met with keen interest and admiration. Their presentations reflected the high standard of research and problem-solving approach fostered within the department. Overall, the Open House served as a dynamic confluence of knowledge-sharing, peer learning, and celebration of the academic journey, reinforcing GL Bajaj's commitment to excellence in technical education.



FACULTY WALL

MS. PRIYA SINGH

(PARTICIPATION IN ICAISI-2025)

Ms. Priya Singh from the Department of CSE-DS at GL Bajaj Institute of Technology and Management, Greater Noida, presented her research paper titled “Edge-Enabled AI Framework for Real-Time Anomaly Detection in Industrial IoT Systems” at the International Conference on Artificial Intelligence and Sustainable Innovation (ICAISI-2025).

The conference was organized by Suresh Gyan Vihar University, Jaipur, and took place from May 30 to 31, 2025. Her participation contributed to advancing academic discussions on AI applications in sustainable industrial systems, highlighting innovative approaches to real-time anomaly detection in IoT environments. This engagement reflects the institute’s dedication to promoting research and knowledge sharing in emerging technologies.



CRC Press
Taylor & Francis Group



**SURESH
GYAN VIHAR
UNIVERSITY**
Accredited by NAAC with 'A+' Grade



International Conference on Artificial Intelligence and Sustainable Innovation-2025 (ICAISI-2025)

May 30–31, 2025

Certificate of Participation

This is to certify that **Priya Singh, Dept. Of Cse-Ds, G.L. Bajaj Institute Of Technology And Management, Greater Noida, India**, has presented his/her research paper titled “**Edge-Enabled Ai Framework For Real-Time Anomaly Detection In Industrial Iot Systems**” in the ICAISI-2025 organized by Suresh Gyan Vihar University, Jaipur held from **May 30th to 31st, 2025**.

Prof (Dr.) Sohit Agarwal
Conference Chair

Prof (Dr.) Sandhya Sharma
Conference Chair

Dr. Arunansu Halder
President

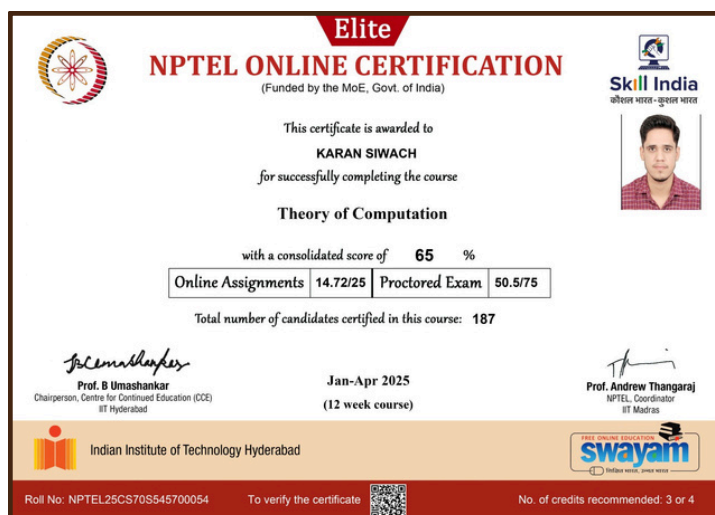
FACULTY WALL

MR. KARAN SIWACH

(FACULTY PARTICIPATION IN ACADEMIC AND SKILL DEVELOPMENT PROGRAMS)

Mr. Karan Siwach, Assistant Professor at GL Bajaj Institute of Technology and Management, has actively engaged in several professional development initiatives. He successfully completed a One Week Online Short-Term Course on “Advancing Real-Time IoT Applications with Machine Learning and Deep Learning”, organized by the Department of Information Technology at NIT Jalandhar from April 10–14, 2025.

He further enhanced his research perspective by participating in a National Workshop on Intellectual Property Rights (Theme 2025 – IP Monetization and Technology Transfer) hosted by SRM TRP Engineering College in association with CSIR–IMMT, Bhubaneswar, on April 25, 2025. In addition, he completed the NPTEL certification course on Theory of Computation, demonstrating his commitment to continuous academic and technical advancement. These endeavors reflect his dedication to staying updated with emerging technologies and contributing meaningfully to academic excellence.



MS. AYASHA MALIK

(REVIEWERSHIP AT ICEEGT-2025)



We are proud to acknowledge Ms. Ayasha Malik from our institution for serving as a Reviewer at the 1st International Conference on Energy, Environment, and Green Technology (ICEEGT-2025). The conference was organized by the Department of Electrical Engineering, National Institute of Technical Teachers' Training & Research (NITTTR), Kolkata, and held from 3rd to 4th April 2025.

Her valuable contribution as a reviewer reflects her expertise and active engagement in the academic community, particularly in the areas of sustainable energy and green technologies. This role highlights her commitment to maintaining high academic standards and fostering research excellence.

Such participation not only enriches her professional growth but also brings recognition to the institution. It encourages a culture of academic involvement and thought leadership among faculty members. Ms. Malik's involvement also underscores the institute's emphasis on supporting faculty contributions to national and international academic platforms, thereby inspiring others to pursue similar scholarly endeavors.



FACULTY WALL

DR. ARCHANA SAR



(CERTIFICATION ON IOT BY NPTEL)

Dr. Archana Sar from the Department of CSE-DS at GL Bajaj Institute of Technology and Management has successfully completed the Introduction to Internet of Things certification offered by NPTEL.

This certification provided Dr. Sar with in-depth knowledge of IoT fundamentals, including device connectivity, communication protocols, and practical applications of IoT technologies. Her commitment to enhancing her expertise in this rapidly evolving field reflects her dedication to academic growth and advancing the department's focus on emerging technologies.

Dr. Sar's continuous pursuit of knowledge ensures that she remains at the forefront of innovation, contributing to both research and teaching excellence in the institute.





Elite

NPTEL ONLINE CERTIFICATION

(Funded by the MoE, Govt. of India)

This certificate is awarded to

ARCHANA SAR

for successfully completing the course




Introduction To Internet Of Things

with a consolidated score of **91** %


Online Assignments	25/25	Proctored Exam	66/75
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Total number of candidates certified in this course: **38143**


Jan-Apr 2025
(12 week course)



Haimanti Banerji
Prof. Haimanti Banerji
Coordinator, NPTEL
IIT Kharagpur




Indian Institute of Technology Kharagpur



FREE ONLINE EDUCATION
swayam
शिक्षित भारत, उन्नत भारत

Roll No: NPTEL25CS44S453901795

To verify the certificate



No. of credits recommended: 3 or 4

NCC CADETS

The NCC cadets of GL Bajaj Institute of Technology and Management (GLBITM) participated in the Combined Annual Training Camp (CATC-124), held at Apeejay School, Noida, under the supervision of the 31 UP Battalion NCC. The camp aimed to instill leadership, discipline, and physical endurance through activities such as drill practice, weapon training, map reading, cultural events, and sessions on national integration and social service.

GLBITM cadets showcased outstanding performance, winning 8 Gold Medals in Group Singing (Yashi, Shambhavi, Prachi, Shruti, Kavita, Preeti, Sakshi), 1 Gold Medal in Poster Making, and 1 Gold Medal in Flag Area Display, both secured by Mridul Singh Soam. Additionally, the Best CTO Award was conferred upon Ms. Sneha. The department takes pride in supporting NCC activities and remains committed to fostering a spirit of discipline, patriotism, and national service among its students.



जीएल बजाज इंस्टिट्यूट ऑफ टेक्नोलॉजी एंड मैनेजमेंट के कैडेट्स सीएटीसी -124 कैंप से कई पुरस्कारों के साथ लौटे

देव मणि शुक्ल

नोएडा। जी एल बजाज इंस्टिट्यूट ऑफ टेक्नोलॉजी एंड मैनेजमेंट के एनसीसी कैडेट्स एपेजे स्कूल, नोएडा में आयोजित कॉम्बाइंड एनुअल ट्रेनिंग कैंप में सफलतापूर्वक भाग लेने के बाद उत्साह और गर्व के साथ लौटे। यह कैंप 31 यूपी बटालियन एनसीसी के तत्वावधान में आयोजित किया गया था, जिसने कैडेट्स को नेतृत्व क्षमता, अनुशासन और शारीरिक सहनशीलता को बढ़ाने के लिए विभिन्न प्रशिक्षण मॉड्यूल के माध्यम से एक मंच प्रदान किया। कैंप की अवधि के दौरान



अनुशासन व देशभक्ति के मूल्यों को सजीव रूप में प्रस्तुत किया। उनके उत्कृष्ट प्रदर्शनों को विभिन्न श्रेणियों में

सनेहा मैम यह अनुभव ज्ञानवर्धक और रूपांतरकारी दोनों था, जिसने कैडेट्स को टीमवर्क, दृढ़ता और गहन सेवा के

भूमिका निभाते हैं। हमें अपने कैडेट्स और एनसीसी के आदर्शों के प्रति समर्पण और गहन सेवा के

PARTICIPATION IN SIH

In a remarkable showcase of creativity and technical prowess, a team of final-year engineering students has created MediVault, an intelligent and secure hospital management system designed to revolutionize digital healthcare practices. Madhur and the team excelled in implementing this innovative technology.



MediVault addresses critical challenges in healthcare data management by introducing unique digital IDs for doctors and patients, enabling centralized, real-time access to medical records. Its key features include encrypted login, role-based dashboards, appointment scheduling, and dynamic data retrieval, all designed to reduce paperwork, minimize errors, and enhance the efficiency of medical services. The project has earned significant accolades, including first place in the Smart India Hackathon (College Internal Round) and top honors in the healthcare category at the UP Trade Show, a prestigious state-level project exhibition. It was further recognized by Shri Giriraj Singh, Hon'ble Union Minister of Textiles, Government of India, for its innovation and societal impact.



RUNNER-UP IN BNB AI HACK DELHI

Showcasing exceptional innovation on an international platform, Ayush Tiwari from the AIDS branch, along with his team, secured the Runner-Up position and a Bounty Prize at the prestigious BNB AI Hack Delhi, held at IIT Delhi. This international-level hackathon brought together over 100 elite teams from across the country, competing to solve real-world challenges using cutting-edge technologies.



Ayush Tiwari and his team from the AIDS branch achieved Runner-Up and a Bounty Prize at the BNB AI Hack Delhi at IIT Delhi, competing among over 100 elite teams. Their standout project was a Web3-based game featuring AI-powered NPCs that learn and evolve through player interactions, merging blockchain technology with AI for an immersive experience.

This accomplishment showcases their technical skills and innovative vision, reflecting the culture of innovation at GL Bajaj Institute of Technology and Management and inspiring others to create impactful solutions with emerging technologies.



FIRST RUNNER UP OF HACKATHON AT KIET

Showcasing remarkable innovation, technical expertise, and teamwork, a group of dedicated students from the CSE-DS branch—including Sudhansu Shukla and Sanya Kumari—secured the First Runner-Up position at SprintHacks 3.0, a highly competitive hackathon organized by the KIET Group of Institutions. The event challenged participants to design impactful technological solutions addressing real-world problems.



The team successfully developed a smart digital queue management system that aims to enhance service efficiency, significantly minimize wait times, and improve user experience. Their inventive solution not only addressed these critical areas but also earned them a cash prize of ₹25,000 in a prestigious competition, clearly demonstrating their exceptional coding abilities and innovative thinking. This remarkable accomplishment underscores the immense value of teamwork and interdisciplinary learning, illustrating the department's dedication to equipping students for the multifaceted challenges of the industry. The practical experience gained from this project plays a crucial role in their professional development and continues to inspire them to pursue further innovations in technology, pushing the boundaries of what is possible.



JUNE 2025



GL BAJAJ

Institute of Technology & Management

FIND YOUR SPARK

Approved by AICTE & Affiliated to AKTU

THE DEPARTMENT OF CSE-DS

