

SEPTEMBER 2025

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THE DEPARTMENT OF CSE-DS

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# ADVYATAN

## NEWSLETTER



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# ABOUT THE INSTITUTION



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.

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**Dr. Preeti Bajaj**  
Director, GLBITM

# MESSAGE FROM HOD



*“Education is the spark that ignites the fire of knowledge, illuminating the path to truth and understanding.”*

The Department of Computer Science and Engineering (Data Science) continues to strive toward academic excellence, research innovation, and industry collaboration.

In an era where data drives decision-making across every sector, our curriculum is designed not only to equip students with technical proficiency in data science, machine learning, and artificial intelligence but also to foster critical thinking, ethical responsibility, and lifelong learning. We take pride in our students' achievements in national and international competitions, research publications, and successful internships and placements.

Our faculty members remain at the forefront of cutting-edge research, working on interdisciplinary projects and contributing to both academia and industry. With continuous updates in curriculum, strong mentorship, and active student clubs and hackathons, we aim to create a vibrant and inclusive learning environment.

I invite all our stakeholders—students, alumni, faculty, and industry partners—to remain actively engaged with the department. Your support and participation are vital in our shared journey toward excellence.

Let us continue to learn, innovate, and grow together.

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**Dr. Harikesh 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. HARIKESH SINGH

**EDITOR:**  
MS. RACHNA SINGH SISODIA

**EDITOR:**  
MS. PRIYA SINGH

**MEMBER:**  
KUNAL SATI (CSE-DS 2, 3<sup>RD</sup> YEAR)

**MEMBER:**  
VAISHNAVI VASHU (CSE-DS 5, 2<sup>ND</sup> YEAR)

# ABOUT YUKTIKULA CLUB

DEPARTMENT OF CSE-DS



## HEAD CHAIRS

### FACULTY COORDINATORS

Ms. Rachna Singh Sisodia,  
Ms. Priya Singh

### PRESIDENT

Kunal Sati

### VICE PRESIDENT

Ansh Kumar

### SECRETARY

Shanhavi Tiwari

### EMAIL

yuktikula@glbitm.ac.in

### WEBSITE

<https://www.yuktikulaglbajaj.com>

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.

# YUKTIKULA CLUB

## NEWSLETTER 2024-25

The Yuktikula Club of the Department of CSE-DS at GL Bajaj Institute of Technology and Management proudly presents its newsletter, capturing the entire tenure of 2024-25. This edition reflects a year full of innovation, learning, and collaboration, covering a wide range of activities including workshops, seminars, hackathons, technical sessions, and student achievements. It not only documents the milestones accomplished by the club throughout the academic year but also sets the vision for future endeavors.

The newsletter is now available on the official club website for students, faculty, and well-wishers to explore.



### ABOUT YUKTIKULA CLUB

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#### HEAD CHAIRS

FACULTY COORDINATORS  
Ms. Rachna Singh Sisodia,  
Ms. Priya Singh



### INAUGURATION CEREMONY



The Yuktikula Club at GL Bajaj Institute of Technology and Management was officially inaugurated on 23rd September 2024, marking the beginning of a dynamic platform dedicated to fostering innovation, creativity, and critical thinking. Designed to provide a stimulating environment for students, the club encourages exploration, learning, and growth through various enriching activities. With a vision to cultivate a thriving community of problem solvers, the club plans to host workshops, seminars, hackathons, and guest lectures, enabling knowledge sharing and skill development among its members.

Special thanks to faculty coordinator Ms. Vipasha Abrol for her vital role in coordinating club activities for a successful launch. This inauguration marks the beginning of an exciting journey for students to collaborate, innovate, and foster creativity and technical excellence.

AND MANY MORE.....

## CLUB EVENTS

# “WORLD ENTREPRENEURSHIP DAY 2025: FOSTERING CREATIVITY AND LEADERSHIP”

The Department of Computer Science and Engineering (Data Science) at GL Bajaj Institute of Technology and Management celebrated World Entrepreneurship Day on 21st August 2025 through an engaging expert talk session. The event aimed to inspire students towards innovative thinking, create awareness about entrepreneurship, and encourage them to explore opportunities in the startup ecosystem.

The program focused on key themes such as IPR and Technology Transfer, Innovation and Design Thinking, Entrepreneurship and Startup Development, and Incubation & Pre-Incubation Management. It highlighted the significance of creativity, leadership, and problem-solving skills in building sustainable ventures.

Ms. Deepti Dohare, Convener of the Institution's Innovation Council (IIC), shared her valuable insights on fostering entrepreneurial mindsets and guiding young innovators through mentorship, incubation, and professional networking. The session provided practical knowledge on the role of entrepreneurship in driving innovation and economic growth.

With active participation from 60 students, 12 faculty members, and 5 external guests, the event proved to be an inspiring platform, motivating students to engage in hackathons, startup programs, and innovation challenges, ultimately promoting a culture of creativity and entrepreneurship within the institution. The event was well coordinated by Ms. Yasha Istwal, member of IIC committee.



## CLUB EVENTS

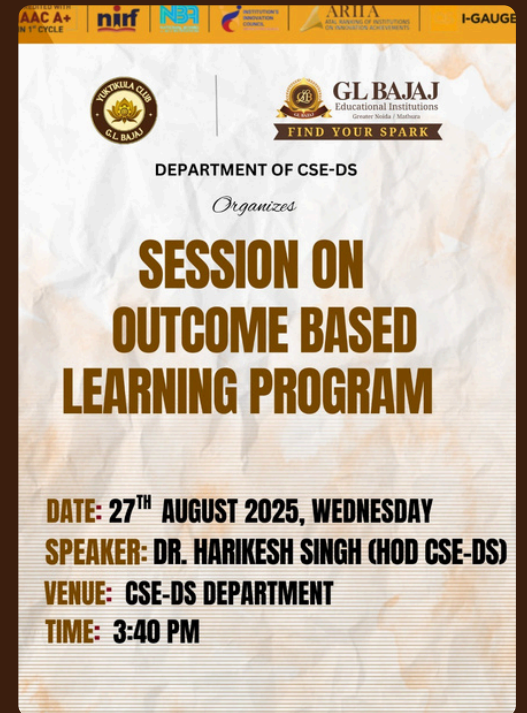
# SHAPING FUTURES WITH OUTCOME-BASED LEARNING

The YuktiKula Club of the Department of Computer Science & Engineering (Data Science) at GL Bajaj Institute of Technology and Management successfully organized an insightful session on Outcome-Based Learning on 27th August 2025.

The session, led by Dr. Harikesh Singh, HoD of CSE(DS), began with a warm welcome to second-year students and introduced them to the importance of Outcome-Based Education (OBE). The discussion highlighted key concepts such as Course Outcomes (COs), Program Outcomes (POs), and Program Educational Objectives (PEOs), emphasizing their role in shaping a student-centric education system focused on measurable achievements and continuous improvement.

Students appreciated the session's clarity, interactivity, and practical insights into how OBE aligns with career readiness and institutional goals. The event concluded with encouraging words from Dr. Singh, assuring continuous guidance and support for students' academic journeys.

The YuktiKula Club thanks the organizing team and faculty coordinator Ms. Rachana Singh Sisodia for making this program a resounding success.



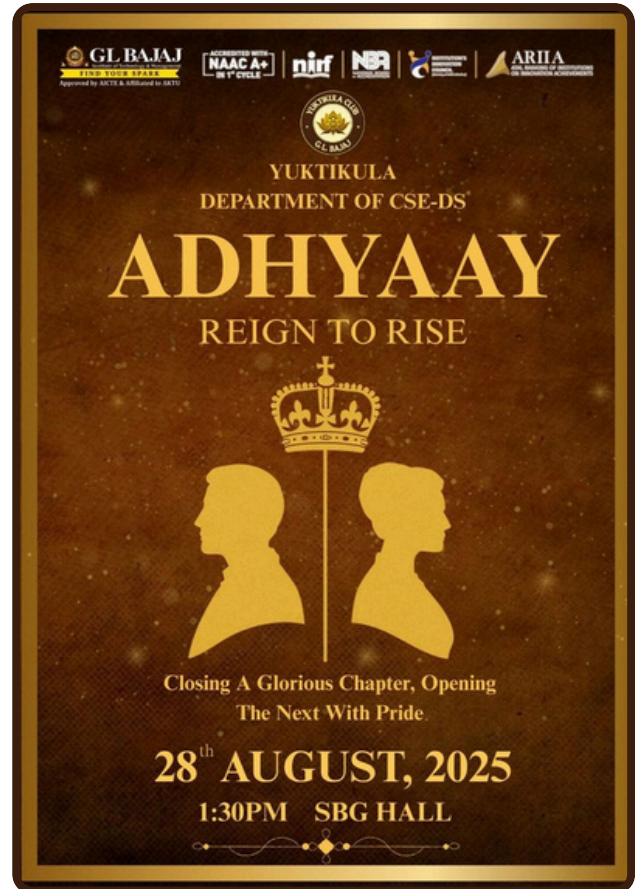
## CLUB EVENTS

# ADHYAAY – A HEARTFELT FAREWELL AND A NEW BEGINNING

The YuktiKula Club of the Computer Science and Engineering – Data Science Department at GL Bajaj Institute of Technology and Management successfully hosted ADHYAAY, a soulful farewell for the senior members and a warm welcome for the new team.

The event, held on 28th August 2025 at SBG Hall, commenced with a graceful Ganesh Vandana, setting an auspicious tone for the celebration. It featured heartfelt speeches, cultural performances, and a nostalgic memories reel that beautifully captured the club's journey.

Highlights included the Tenure Transfer Ceremony, where leadership badges were ceremoniously handed over to the new team, symbolizing responsibility and growth. The program also witnessed the launch of the club's official website and the unveiling of the inaugural edition of the club newsletter, marking a significant milestone.



Distinguished dignitaries like Dr. Harikesh Singh (HoD) and Dr. Mayank Singh (former HoD and founder of the club) graced the occasion with their inspiring words. The event concluded with a heartfelt Vote of Thanks by the Faculty Coordinator, Ms. Rachana Singh Sisodia, expressing gratitude to everyone who contributed to making ADHYAAY memorable.

The celebration truly reflected the spirit of unity, appreciation, and enthusiasm, leaving every attendee with cherished memories and renewed excitement for the journey ahead.



## CLUB EVENTS

# ADHYAAY – A HEARTFELT FAREWELL AND A NEW BEGINNING



# CLUB EVENTS

## INDEPENDENCE DAY CELEBRATION



## FACULTY WALL

# DR. HARIKESH SINGH

(RESEARCH PRESENTATION BY DR. HARIKESH SINGH AT  
NCVPRIPG-2025, IIT JAMMU)



The Department of Computer Science and Engineering at G.L. Bajaj Institute of Technology & Management congratulates Dr. Harikesh Singh for successfully presenting his research paper titled “A Review on AI-Based Cognitive Systems for Digital Wellbeing” at the 10th National Conference on Computer Vision, Image Processing, and Graphics (NCVPRIPG-2025).

The prestigious conference was organized by the Indian Institute of Technology (IIT) Jammu from 16th to 18th July 2025, bringing together leading researchers and academicians in the fields of computer vision, pattern recognition, and AI-driven technologies.

This achievement reflects Dr. Harikesh Singh’s commitment to advancing research in artificial intelligence for societal wellbeing and adds to the institute’s growing legacy of academic excellence.



## FACULTY WALL

# MS. RACHANA SINGH SISODIA

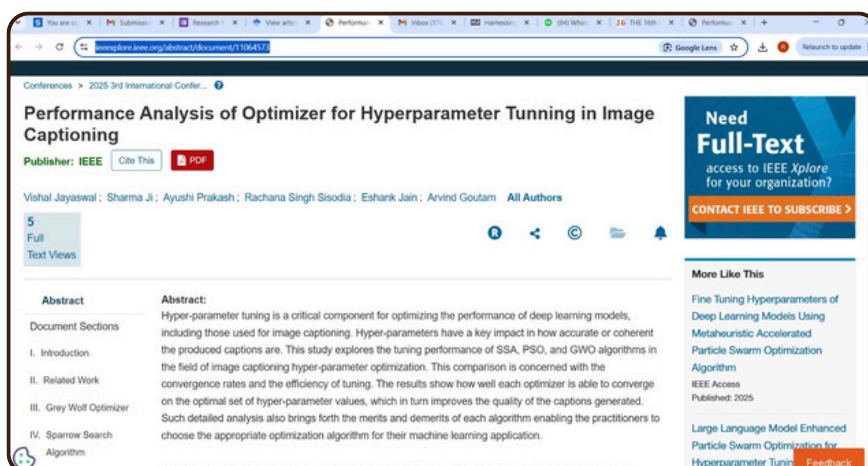
(IEEE CONFERENCE PAPER PUBLICATION AND PATENT PUBLISHED)

The Department of Computer Science and Engineering – Data Science at G.L. Bajaj Institute of Technology & Management proudly recognizes the achievements of Ms. Rachana Singh Sisodia.

She has co-authored the IEEE-published paper “Performance Analysis of Optimizer for Hyperparameter Tuning in Image Captioning” at the 2025 International Conference on Communication, Security, and Artificial Intelligence, contributing to advancements in deep learning and computer vision.

Additionally, she is a co-inventor of the published patent “A System and Method for Smart Aquaculture Management in Village Ponds Using IoT and Machine Learning” (Application No. 202511066718), showcasing impactful innovation for sustainable aquaculture.

These accomplishments highlight her dedication to both research excellence and technological innovation.



Office of the Controller General of Patents, Designs & Trade Marks Department for Promotion of Industry and Internal Trade Ministry of Commerce & Industry, Government of India	
<b>Application Details</b>	
APPLICATION NUMBER	202511066718
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/07/2025
APPLICANT NAME	1. Prof. (Dr.) Avadhesh Kumar Gupta 2. Dr. Ashish Dixit 3. Rachana Singh Sisodia 4. Vimlesh Mishra 5. Varsha Saxena 6. Mahesh Kumar Sharma 7. Vikas Rathi 8. Rahul Kumar Pandey
TITLE OF INVENTION	A SYSTEM AND METHOD FOR SMART AQUACULTURE MANAGEMENT IN VILLAGE PONDS USING IOT AND MACHINE LEARNING
FIELD OF INVENTION	COMPUTER SCIENCE
E-MAIL (As Per Record)	
ADDITIONAL-E-MAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	--
PUBLICATION DATE (U/S 11A)	01/08/2025
<b>Application Status</b>	
APPLICATION STATUS	Awaiting Request for Examination
<a href="#">View Documents</a>	
<a href="#">Filed</a> <a href="#">Published</a> <a href="#">RQ Filed</a> <a href="#">Under Examination</a>	

## FACULTY WALL

# MS. SUGANDHA CHAKRAVERTI

(PARTICIPATION IN TACT-AI 2025: TECHNOLOGY, AI & COMMUNITY TRANSFORMATION FOR HUMANITARIAN IMPACT)

We are delighted to announce that Ms. Sugandha Chakraverti actively took part in TACT-AI 2025: Technology, AI & Community Transformation for Humanitarian Impact, which took place on August 15, 2025.

This event was organized by the IEEE PES Humanitarian Activities Committee (New Initiatives) in partnership with Amity University, Tashkent. It gathered participants from various academic and professional backgrounds to explore how Artificial Intelligence and emerging technologies can transform communities and generate significant humanitarian impact.

Her involvement reflects her passion for continuous learning and her dedication to investigating innovative applications of AI and technology for the greater good.



**FACULTY WALL**  
**MS. YASHA ISTWAL**  
(ADVANCING AI KNOWLEDGE: FDP PARTICIPATION  
BY MS. YASHA ISTWAL)



The Department of Computer Science and Engineering – Data Science at G.L. Bajaj Institute of Technology & Management congratulates Ms. Yasha Istwal for successfully participating in the 5-Day Faculty Development Program on “Generative AI Deep Dive: From Fundamentals to Advanced Techniques”, held from 4th August to 8th August 2025. The FDP was organized by Xebia Academy and SRM.

This participation reflects her commitment to continuous learning, professional growth, and staying at the forefront of emerging technologies in AI education and research.



## FACULTY WALL

# MS. PRIYA SINGH

(IEEE CONFERENCE PAPER PUBLISHED, PAPER PRESENTED AND RECOGNISED AS BEST PAPER AWARD)

The Department of Computer Science and Engineering – Data Science at G.L. Bajaj Institute of Technology & Management proudly congratulates Ms. Priya Singh for her outstanding achievement at the International Conference on Computing, Intelligence and Application (CIACON 2025), organized by Dr. B.C. Roy Engineering College, Durgapur on July 18–19, 2025.

Her research paper titled “Real-Time Crowd Monitoring Using Lightweight AI for Secure Zones,” co-authored with Hina Hashmi and Aman Kumar, was not only successfully presented but also honored with the prestigious Best Paper Award in the technical session.

This dual recognition highlights her dedication to advancing the field of artificial intelligence for security and surveillance applications. The institute extends heartfelt congratulations to Ms. Priya Singh for bringing pride to the department through her remarkable research contribution.



# STUDENT'S ACHIEVEMENTS

## PLACEMENT RECORDS AUGUST 2025



**NAME :** NARENDRA KAUSHIK  
**COMPANY :** PROGRESS COMPANY  
**BRANCH :** CSE-DS



I am truly grateful to my family, department, and mentors for their constant guidance and support throughout this journey. This milestone motivates me to keep learning and growing while making everyone proud.

# Q2

**NAME :** AVDESH BHATI  
**COMPANY :** Q2  
**PACKAGE:** ₹9.43LPA  
**BRANCH :** CSE-DS



I am grateful for the continuous guidance and support that helps us grow both academically and personally. A special thanks to Sunil Chaurasiya Sir for his motivation and encouragement.



**NAME :** AKSHAT KAUSHIK  
**COMPANY :** THE ICON GROUP  
**BRANCH :** CSE-DS



I am sincerely grateful to the CSE Data Science Department for its unwavering guidance and support. The encouragement of our faculty has not only enhanced my technical skills but also helped me grow with confidence, both academically and personally. I deeply thank my mentors for their constant motivation, which has been integral to my journey and success in placement.

# STUDENT'S ACHIEVEMENTS

## PLACEMENT RECORDS AUGUST 2025

**NAME :**YASHIKA GARG  
**COMPANY :** AUTOMATION ANYWHERE  
**PACKAGE:** ₹11 LPA  
**BRANCH :** CSE-DS



**NAME :**RAUSHAN RAJ GUPTA  
**COMPANY :** PAYTM  
**PACKAGE:** ₹7.5LPA  
**BRANCH :** CSE-DS

**NAME :**BASHAR NAWAZ AHMAD  
**COMPANY :** SIMPPLR  
**PACKAGE:** ₹10LPA  
**BRANCH :** CSE-DS



**NAME :**MANAV GUPTA  
AKRITI SINGH  
SHUBHAM THAKUR

**COMPANY :** WNS GURGAON  
**BRANCH :** CSE-DS

**TOTAL NUMBER OF STUDENTS PLACED**  
**CSE-DS:-** 17 STUDENTS  
**AIDS:-** 5 STUDENTS



**THE DEPARTMENT OF CSE-DS TAKES PRIDE IN CONGRATULATING OUR STUDENTS ON THEIR SUCCESSFUL PLACEMENTS AND WISHES THEM CONTINUED SUCCESS IN THEIR PROFESSIONAL JOURNEY.**

# STUDENT'S ACHIEVEMENTS

## CSE-DS STUDENTS SHINE AT CODE FOR BHARAT SEASON 2 HACKATHON

Arjav Jain (CSDS1) and Prince Singh (CSDS3) showcased their exceptional coding skills and innovation at the Code for Bharat Season 2 Hackathon, organized by Tech Masters India. The event took place on 2nd August 2025 at Microsoft Office, Sovereign Capital, and brought together some of the brightest minds from across the country. Competing against numerous talented teams, Arjav and Prince secured the 2nd Runner-Up position, demonstrating outstanding performance, creativity, and problem-solving abilities. The hackathon focused on building impactful tech solutions aimed at empowering digital India. Their achievement highlights the spirit of innovation and excellence fostered at our institute.



## CULTURAL EXCELLENCE AT GL BAJAJ'S 20 YEARS CELEBRATION

As part of the grand 20 Years of Excellence Celebration at GL Bajaj Institute of Technology and Management, a series of cultural competitions were organized to showcase the incredible talent of students. Among the highlights was the Solo Singing Competition, which witnessed outstanding participation and exceptional performances. Aman Mishra emerged as the First Position winner, captivating the audience with his soulful voice and artistic finesse.



Aman Mishra has demonstrated exceptional talent and dedication by securing the 1st Position in the Solo Singing Competition during the Cultural Event at GL Bajaj's 20 Years of Excellence Celebration Ceremony. This remarkable achievement reflects his creativity, passion, and devotion, which added immense joy to the occasion. His outstanding performance not only showcased his artistic abilities but also brought pride and recognition to the institution.



SEPTEMBER 2025



# GL BAJAJ

Institute of Technology & Management

**FIND YOUR SPARK**

Approved by AICTE & Affiliated to AKTU

## THE DEPARTMENT OF CSE-DS

