

NEWS LETTER

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

About The Institute

GL Bajaj Institute of Technology and Management is one of the quality driven Educational Institute in the Greater Noida/Delhi-NCR Region. GL Bajaj stands out as one of the best engineering and management college in UP. It also stands out in its 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.

Vision of the Institute

To be an institute of repute, providing professionally competent and socially sensitive engineers.

Missions 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

To build strong teaching environment that responds to the needs of industry and challenges of the society.

Department Mission

M1 : Developing 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 professional 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 : Graduate will become successful software professional with leadership and managerial quality in the modern software industry based on their strong skill 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 solution.

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

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HoD's Message

Dear Students and fellow colleagues

It gives me great pleasure to address you through this technical newsletter. As the head of the department, I am proud to share the latest developments and achievements of our department with you. Our department is committed to providing a stimulating and supportive environment that fosters learning and personal growth. We offer a range of courses and programs that equip our students with the skills and knowledge necessary to succeed in their careers.

I hope this newsletter inspires you to engage with our department and stay updated on the latest developments in the field of technology. We welcome your feedback and suggestions, and we look forward to continuing our journey towards excellence.

Dr. Sanjeev Pippal

Head of the Department

Computer Science & Engineering

EVENTS

GDSC 2021-22 INFO SESSION



This club is being established to provide students of GLBITM with the opportunity to learn about the latest technologies and development tools from Google, and to connect with like-minded individuals who share a passion for technology and innovation. The event began with an opening ceremony that included speeches by dignitaries from CSE Department GLBITM, industry experts and the local community. They discussed the importance of technology in education and the role of the GDSC in fostering innovation and collaboration among students.

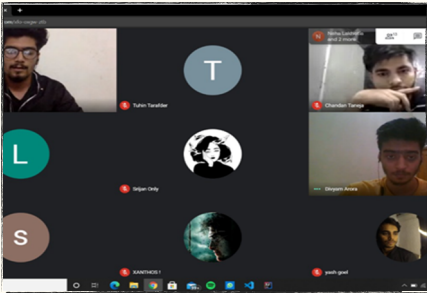
After the opening ceremony, there were several technical sessions and workshops where students will learn about the latest technologies and tools from Google such as Android App Development, Firebase, Google Cloud, Google Assistant, Machine Learning and more.

Child Education awareness



Department of Computer Science and Engineering conducted a programme to create awareness about the importance of education on (date) at Construction Site, Alpha-II, Greater Noida. The campaign aimed at informing children and their parents about the necessity of being educated. A total of 10 participants volunteered to take up the initiative to step in front of the potential students and their parents and explain to them the need of education in an individual's life. They spoke about important programmes like Beti Bachao, Beti Padhao Abhiyaan, Saksham scheme of the Government of India, etc. Toffees and chocolates were also distributed to the children there. They also narrated the ideal desire of the children to succeed in school E-certificates were provided to all the participants for their valuable inputs in making the campaign successful. Under the guidance of our respected HOD Computer Science and Engineering.

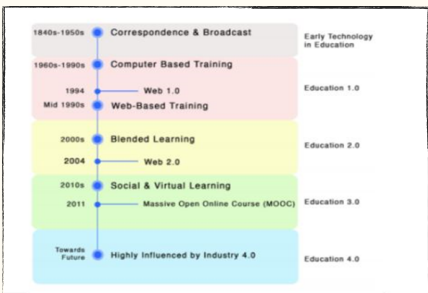
GDSC Coding Guidance Session by Coding Ninjas



The Department of Computer Science and Engineering organized an "Introduction session" by the Coding Ninja. The speakers for the event were Divyam Arora, Our former Code Chef lead Yogesh Kakkar, and Our former Code Chef lead on 16-09-2021.

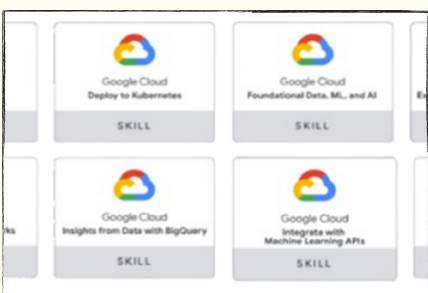
The event's main aim was to interact with the students and make them aware of Competitive Programming. We introduced the students to the respective team leaders and shared the benefits of joining the Chapter. We discussed about the CodeChef community, the challenges being posted and the complete national network of programmers. Further, tricks to attempt and solve a particular coding problem were also shared. All in all, it was a great session with the students.

Industrial Session on Technology Trends and Practices



The Department of Computer Science and Engineering had organized an industrial session on "Technology Trends and Practices" on 27th October, 2021 with the aim of real-time communication and collaboration of the internet of things, the internet of services and cyber-physical systems with each other and with people has started a new era in industrial production. This era called Industry 4.0, brought about revolutionary changes in many areas of life, including education. Mr. Anil Khatri, who is also an SME, Capgemini who gives the knowledge of new trends and Practices of Industries. This workshop was joined by 100 participants.

30 Days of Google Cloud



The 30 Days of Google Cloud Event began with the registration process of all the enthusiastic participants on 27th September 2021. 30 Days of Google Cloud is a month-long event which provides a platform to registered students to learn skills and perform labs on Google Cloud Platform. It comprised 2 tracks: Cloud Engineering Track and Machine Learning/30 Days of Google Cloud program was organized with the aim of providing an opportunity for students to kick-start their career in cloud and get hands-on practice on Google Cloud Platform - the tool that powers apps like Google Search, Gmail & YouTube. Along the way, it helped them to learn & practice concepts like computing, application development, big data & machine learning using cloud. The program received a high number of enrolment requests in one day out of which 78 students from GLBITM were accepted by Google into the program.

Farewell Party



The Department of Computer Science and Engineering had organized "Farewell Party" on 02nd Oct, 2021. The party was held to mark the graduation of the G.L.Bians and bid farewell for the journey ahead. The celebrations were conducted from 10:00 AM to 01:00 PM. "Ms. Anju Chandna", an assistant professor at G.L.Bajaj, conducted the farewell party successfully. The graduates enjoyed the party and laughed at memories from the past. The atmosphere was energetic and fun. The graduates took blessings from their teachers and left with smiling faces ready for the challenges ahead. G.L. Bajaj community congratulates them for the graduation and wishes them luck for all the future endeavors. We hope G.L.Bians thrive with massive success and perform well in all aspects of life. Under the guidance of our Respected HOD Computer Science and Engineering Dr. Sanjeev Pippal Sir.

Google Developer Student Club "Open-Source Init"



The event is organized for developers to gain confidence in Git and GitHub to be part of the open-source community, and open-source projects and organizations benefit by getting help to grow their projects and maintain version control. The speaker Anurag Pathak and Bhuvnesh Sharma started the meeting with greetings. The main idea was the use of git and Github in project management. If you accidentally mess up some code in your project while making changes, you can easily go back to the previous stage where the mess has not occurred yet. GitHub is a web interface where you store your Git repositories and track and manage your changes effectively. It gives access to the code to various developers working on the same project. You can make your own changes to a project at the same time as other developers are making theirs.

Lecture on Weather and climate observation and prediction



Weather simply refers to the condition of air on the earth at a given place and time. It is a continuous, data-intensive, multidimensional, dynamic and chaotic process. Forecasting is the process of estimation in unknown situations from the historical data. Weather forecasting is one of the most scientifically and technologically challenging problems around the world in the last century. To make an accurate prediction is indeed, one of the major challenges that meteorologists are facing all over the world. An online lecture was organized in the CSE department on weather and climate observation and prediction. The lecture was delivered by Dr. C. M. Kishtwal, Former Scientist, ISRO. Students participated with a great enthusiasm, and interact with the honourable speaker. Finally vote of thanks given by head of the department Dr. Sanjeev Pippal.

Google Developer Student Club "Roadmap to Application"



Google Developer Student Clubs, G.L. Bajaj Institute of Engineering and Technology had organized two days online workshop on "Roadmap to Web Development" on 24th Oct 2021. Almost 100 students of Department participated in this Event. It was the event emphasizing on the importance of web development organized by Google Developer Student Club Team in which they elaborated the importance of web development and how can we step towards web development.

GDSC CODIGO 2.3 with Coding Ninjas



GDSC Codigo 2.3 was organized by the GDSC GLBITM, Department of Computer Science GLBITM and Coding Ninjas. This was an offline event and was conducted in the labs of CSE and IT department. 3rd year students of all branches of B. Tech participated here. Time slots were divided based on branch, for CS and IT branch the timings are 10 a.m. to 12 p.m. and for all other branches the timings are 2 p.m. to 4 p.m.

TOP PLACEMENTS



NEERU KAPOOR
(BATCH 2022)

PACKAGE OF
₹ **47**
LAKHS PER ANNUM



HARSHIT KAPOOR
(BATCH 2022)

PACKAGE OF
₹ **45**
LAKHS PER ANNUM



UNNATI GUPTA
(BATCH 2022)

PACKAGE OF
₹ **44**
LAKHS PER ANNUM



Editorial Board Message

It's a pleasure to present the latest edition of our college's computer science newsletter. In this issue, we showcase the achievements of our faculty and students, as well as the latest developments in the field of computer science.

In this issue, we have gathered articles, activities and updates that reflect the diversity and vitality of computer science research and practice. As you know, computer science is an ever-evolving field that is critical to virtually every aspect of our lives, from business to medicine, education, and entertainment. At our college, we are committed to providing our students with the knowledge and skills they need to thrive in this exciting field.

We are proud of the work that our community is doing to advance the field of computer science, and we hope that this newsletter provides you with a glimpse into the cutting-edge research and innovation taking place at our college.

Thank you for your continued support of our computer science program, and we hope that you enjoy reading this edition of our newsletter.

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GL BAJAJ

Institute of Technology & Management

FIND YOUR SPARK

Approved by AICTE & Affiliated to AKTU



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