

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.

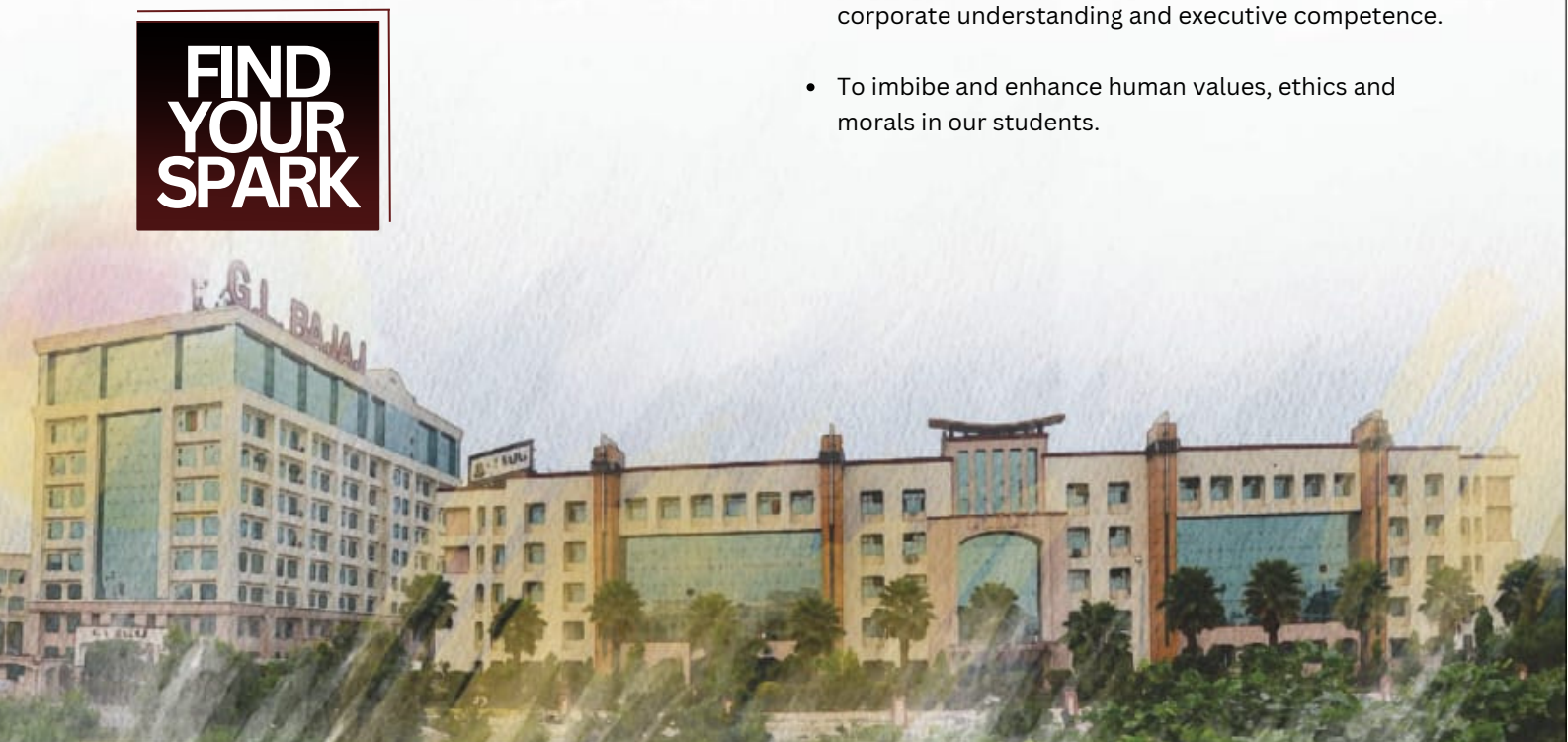
This self financed institute is governed by Rajeev Memorial Academic Welfare Society (Registered Under Societies Registration Act 1860). It is approved by All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India and affiliated to Dr. A.P.J. Abdul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

I am extremely delighted and proud to announce the release of our department newsletter. The intellectual ambiance in the Department of CSE is conducive for the holistic development of the students. The main idea of the department is to equip young minds with technical skills, along with ethical values, so that they can make a meaningful contribution towards the development of country in the field of Computer Science and Engineering. I believe this newsletter will motivate students as it serves as a medium to showcase their success stories. I congratulate all the editorial and designing team for bringing such a wonderful newsletter. I wish them success.

Dr. Sanjeev Pippal
Head of the Department
Computer Science & Engineering

EVENTS

Voting Awareness Program



Department of Computer Science and Engineering conducted a voting rights campaign on 5th Feb, 2021 at Rubpura, Greater Noida in association with RR infrastructure Pvt. Ltd. The campaign aimed at seeking the opportunity to raise awareness on the necessity of knowing about one's voting rights. A total of 8 participants volunteered to take up the initiative to communicate with the underprivileged people and inform them about their voting rights and the importance their vote holds in selecting their own next representative in the governmental bodies. They explained that voting is not just a right of each individual but also a responsibility he/she has as a citizen of this country.

Tobacco Awareness Program



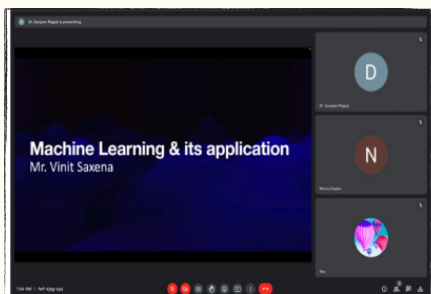
Department of Computer Science and Engineering conducted a tobacco awareness campaign on 25th Feb, 2021 with collaboration of RR Infrastructures Pvt. Ltd. Site 4, Greater Noida. The campaign aimed at seeking the opportunity to raise awareness on the harmful effects of the use of tobacco. A total of 10 participants volunteered to take up the initiative to step in front of the labourers and inform them about the hazardous impact tobacco may have on an individual's health. They spoke on the ill effects of tobacco and its addicting effects.

Online Jamming



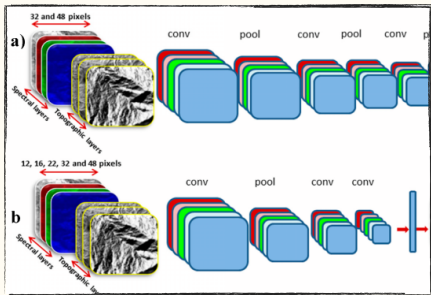
On 5TH march 2021 the students of 2nd year of computer science conducted an online recreational event named "online jamming" to energise the fellow batchmates during the time of pandemic. The students actively took part in the session. Students sang melodious and beautiful songs. The event received an overwhelming response and appreciation from the participants and students. 48 student participants in the event. Students learned from each other. Students shared interesting stories on how they are spending time in pandemic. The sessions lasted for 1 hour 30 minutes.

Webinar on Machine learning and its application



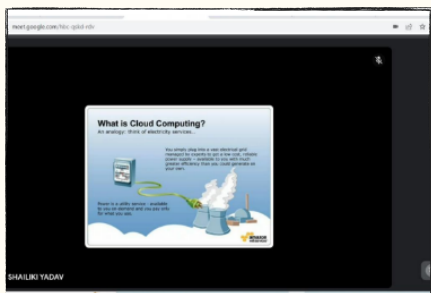
On 6th march 2021 under the guidance of our respected H.O.D Computer Science Department Dr. Sanjeev Kumar Pippal Sir a webinar on Machine learning and its application was organized. The speaker of the event Mr. Vinit Saxena, a Professional Trainer at Ducat, conducted an insightful webinar on Machine Learning and its application. He discussed the various use cases of machine learning and how it can be used to automate processes and improve productivity. He also highlighted how machine learning can help businesses gain insights from data, predict future trends and make informed decisions.

Online session on Machine Learning



Department of CSE organized an online session on Machine Learning, on 8th April 2021, from 10:00 am to 12:50 pm. Mr. Vinit Saxena, Ducat Noida was the Chief Guest for the event. The event was coordinated by student coordinator Mr. Aman. 103 student participants in the event. Artificial intelligence (AI) is transforming the lives of the human. The intelligent systems have been helping the humans in providing a tremendous growth in productivity, revenue, customer service and transformation of business. Speaker told Machine learning is a AI method that automates analytical model in learning the data, identify the pattern and provide the decision. Deep learning is another AI function having the ability to mimic the working of human brain in processing, detecting, recognizing and translating data.

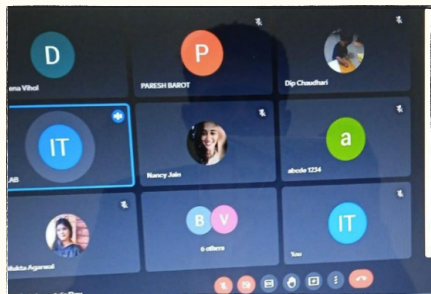
Webinar on Amazon web services



The Department of Computer Science and Engineering had organized a webinar on “Amazon Web Services” on 12th April, 2021 with the aim to provide Amazon’s service experience with the knowledge of investment in running a large-scale distributed, transactional IT infrastructure. The webinar was conducted from 10:00 AM to 01:00 PM.

Dr. Saravana Kumar C S, is a software architect at Bosch, conducted this webinar successfully. He is an expert mentor who has conducted several such webinars and seminars. The objective of this webinar was to provide opportunity for students to enrich their knowledge in the area of cloud computing and web services.

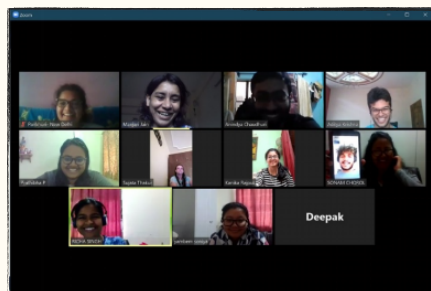
One Day Workshop on Cyber Security



The Department of Computer Science and Engineering had organized a one-day workshop on “Cyber Security” on 15th April, 2021 with the aim to impart knowledge about the recent trends of technology. The session was organized for the whole day and a total of 60 participants were present.

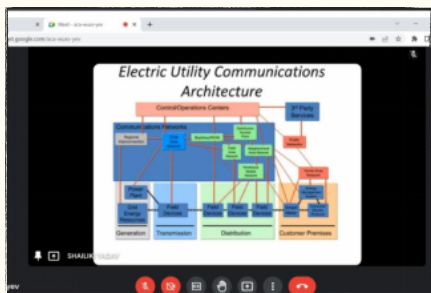
Mr. Sudeep Tanwar, a learned professor at ABES IT mentored the workshop successfully. He has conducted many such workshops and seminars before. The main objective of the cyber security workshop was to provide the right knowledge to the aspiring Hacking and Cyber Security students.

Poster making Competition on technical theme



The Department of Computer Science and Engineering had organized a technical event, that is, “poster making competition on technical theme” on 16th April, 2021 with the aim to test the technical abilities of the students. It was scheduled from 11:00 AM to 01:00 PM and a total of 41 participants were present. Ms. Bhairvee Singh, a learned assistant professor at GLBITM mentored this technical event successfully. She has also conducted many such events before.

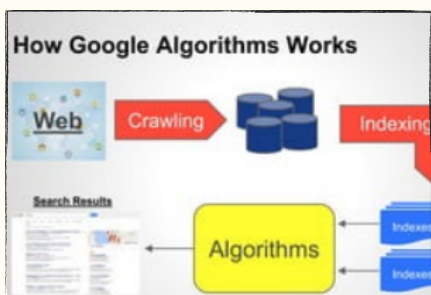
Webinar On Smart Metering Architecture and Communication Technologies



The Department of Computer Science and Engineering had organized a webinar on “Smart metering architecture and communication technologies” on 19th April, 2021 with the aim to provide knowledge on overall boom of the IoT economy. The webinar was scheduled from 11:00 AM to 01:00 PM and a total of 50 participants attended the session.

Dr. Pankaj, a learned professor from NIET, Noida mentored this webinar successfully. He has conducted many such webinars as well as seminars before.

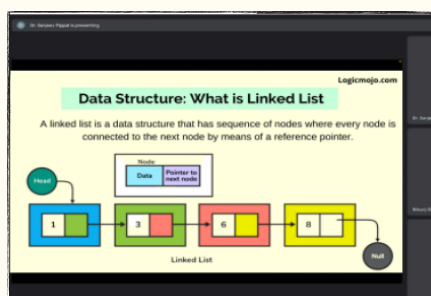
Session on Google Algorithms



The Department of Computer Science and Engineering had organized an expert lecture on “Session on Google Algorithms” on 5th May, 2021 with the aim to impart knowledge about the Google Algorithms. It was scheduled between 10:00 AM to 1:00 PM. A total of 127 students attended this lecture.

Mr. Nikhiladheesh Y a Specialist in algorithm at Bosch, delivered this lecture. He is an expert lecturer and has conducted many seminars in the past. This lecture will provide a vibrant opportunity for the students to think out of the box and immerse themselves deep in the world of technology.

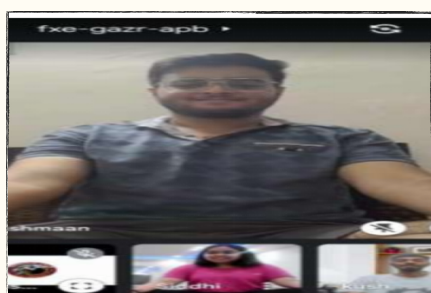
Workshop on Data Structure using C language



On 5th May 2021 under the guidance of our Respected H.O.D Computer Science Department Dr. Sanjeev Kumar Pippal Sir a workshop was conducted on Data Structure using C language. Nitin Sondhi conducted a workshop on Data Structure using C language, which was an eye-opener for the attendees. He works as Assistance Professor in GLBTIM.

In this workshop students acknowledged a complete knowledge of Data Structure. In computer programming, a data structure may be selected or designed to store data for the purpose of working on it with various algorithms.

International Yoga Day



CSE Department of GLBITM organized an online Yoga session for all the students. The instructor for the day was Mr. Shashank Kumar, 2nd year student from CSE Department, who is well acquainted to Yoga poses and is also a master in Karate. The session was held on 21st June, 2021 from 8 AM to 9 AM in online mode. This 1-hour session was aimed to make students aware about some amazing benefits of yoga such as it improves strength, stability and flexibility. Mr. Shashank Kumar taught various yoga poses for the day, which included but was not limited to Baddha Padmasana, Bhadrasana, Bhujangasana, Chakrasana and others.

COVID 19: HOW TO MOVE FORWARD and HOW TO TACKLE OR PREVENT 3RD WAVE



Covid 19, wave 2 shook the whole social set up and hundreds of people lost their lives. The world came to a hush and now after a long while life is trying to come in the track. During this time what all is needed to avoid 3rd wave and still keeping the life as usual, we have invited an eminent speaker to elaborate on it. A webinar was organized with the eminent Doctor Prof. (Dr.) Vivek Gupta (Senior Interventional Cardiologist, Indraprastha Apollo Hospitals, Scientific Course Chairman, Indo European Course on Revascularization (IECR) Founder Director, Indo European Intervention Council) on the Topic “ COVID 19 : HOW TO MOVE FORWARD and HOW TO TACKLE OR PREVENT 3RD WAVE.

International Conference (AISE-2020)



Department of CSE in collaboration with NIT, Goa organized an international conference On Artificial Intelligence and Sustainable Engineering. This conference was held in online mode and it focused on Artificial Intelligence and its applications in the various fields. The conference was attended by industry experts from across the globe who discussed various use cases of AI in different sectors such as healthcare, finance, retail, manufacturing etc. It provided an opportunity to learn about the latest advancements in AI technology and its application in different fields.

Mentoring Session



On 22nd January ,2021, The students of Computer science department conducted an interactive online mentoring session for students in 1st year. The senior students mentored the junior students about coding, time management and the practical implementation of curriculum. Session received overwhelming response from students. All students actively took part in the session. The Session went on for 1.5 hours, where the newcomers asked their doubts about assignments and exams. Senior students also shared some precious experiences and resources for students to learn more about how college functions and what it expects from you.

TOP PLACEMENTS



MANISH GUPTA



RISHABH GUPTA



RITU GUPTA



ABHINAV CHAUDHARY

PACKAGE OF ₹14.95 LPA



SURYA PRAKASH SINGH



ROHAN KUMAR JHA



MRADUL PALIWAL

PACKAGE OF ₹11 LPA  HOUSING.COM

PACKAGE OF ₹10.57 LPA 

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WWW.GLBITM.ORG

₹1 LAKH
Prize Awarded
& Job Offer

JATAYU
National Level Hackathon organised by
virtusa

PRACHI PANWAR RAJAT SINGH PRACHI ROSHAN MONIKA RAI PRAKHAR GUPTA

Editorial Board Message

Once more, it is with immense pleasure that I was given the opportunity to work on the Edition of the college Newsletter. As we all know, a newsletter mirrors a college- Its vision and mission. It also highlights events, activities and academic prowess and achievements. In this edition, I have tried to capture last six months' excitement and activities. I do hope that the newsletter encourages many more including students to use it as a platform to express their creativity. I sincerely hope that this edition makes for an interesting read. Please feel free to offer any suggestions for improvement. For everyone else, please have a happy end of semester and a healthy New Year, do good work, and let us hear from you!

Faculty Coordinator: Dr. Sachin Yadav, Ms. Bhairvee Singh
Student Coordinator: Aman Gupta, Shubhi Singh

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