

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.

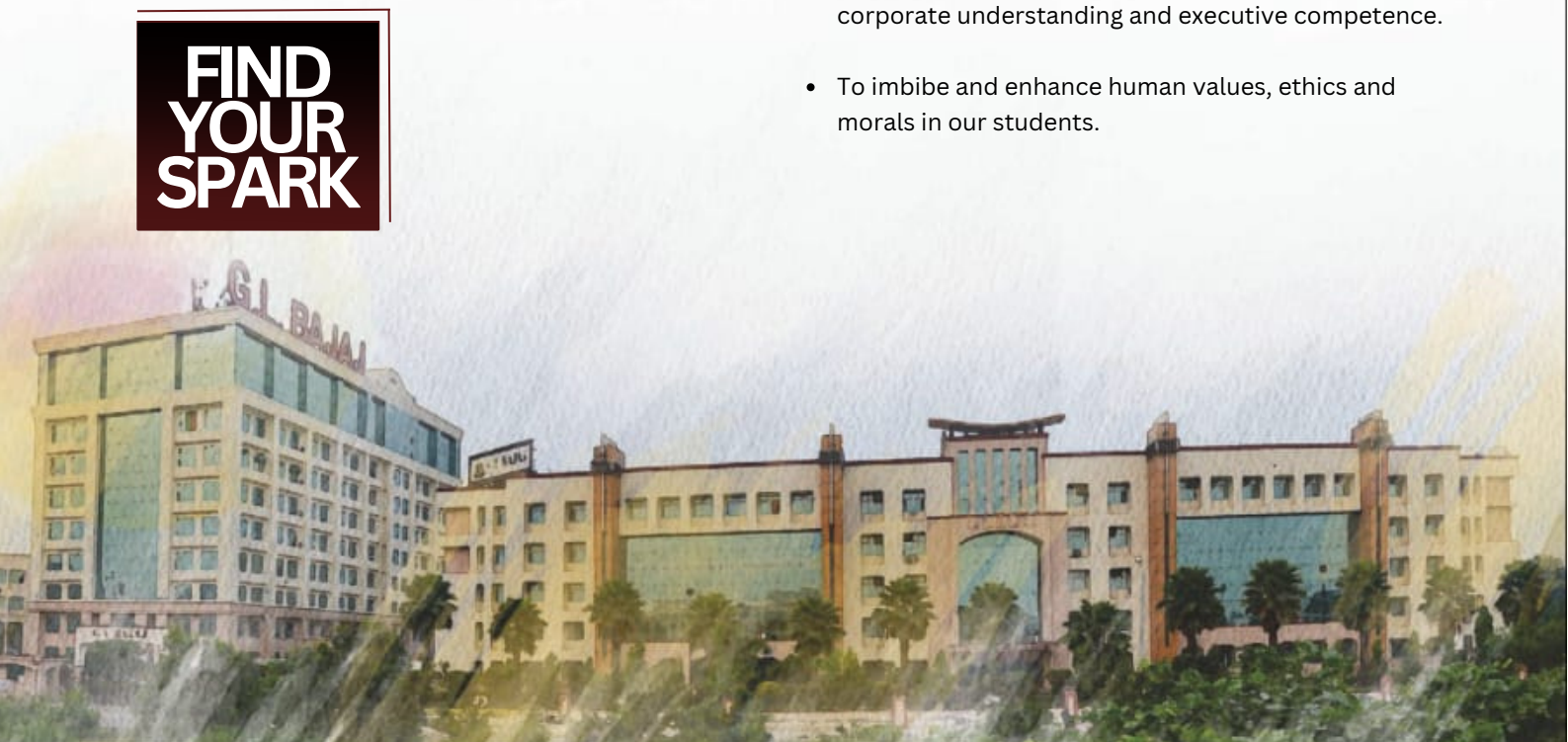
This self financed institute is governed by Rajeev Memorial Academic Welfare Society (Registered Under Societies Registration Act 1860). It is approved by All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India and affiliated to Dr. A.P.J. Abdul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

It gives me immense pleasure to note that response to this newsletter of our department has been overwhelming. I believe that news-letter is a reflection of all the academic, and non-academic activities we do in a period. I am very happy to see the achievements and contributions of the students and faculties. I applaud the contributors for their stimulated thoughts and varied hues in articles contributed by them. Commendable job has also been done by the Editorial Board in planning for and producing the Newsletter. My congratulations to the team who took the responsibility for the arduous task most effectively. I am hopeful that this small piece of technical work shall not only develop the taste for reading among students but also develop a sense belonging to the institution as well.

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

EVENTS

Coding Contest



Understanding the coding in software engineering projects provides benefits to software engineering leads, delivery teams, project managers and the organization overall. Well understood and good coding practices that adhere to industry standards ensures that team members can understand how to work within your applications which is key for companies that want to continue to grow and accelerate delivery.

Department of CSE, GLBITM organized one day coding contest for the students. Under the guidance of head of the department Dr. Sanjeev Pippal, CSI and GDSC collaborated to brush up the technical knowledge of the students. This event was very much appreciated by the students as they got a platform to show their coding skills.

Workshop on Unix and Linux



The Department of Computer Science and Engineering had organized a workshop on “Unix and Linux” on 12th February,2020 with the aim to provide hands on experience with Unix and Linux operating systems. It was scheduled between 10:00 AM to 5:00 PM. Students were given brief overview of these operating systems and were told what made them different from each other. This workshop was also useful in the reference of placement of students.

The workshop covered all topics of Linux OS such as Linux commands, Directories, Files, Man Pages, File Contents, File Permissions, shells, VI editor etc. It also included the main concept that unites all the versions of Unix, namely, Kernel, Shell, Commands and Utilities and Files and Directories.

Guest Lecture on cloud computing



The Department of Computer Science and Engineering organized a guest lecture on “Cloud Computing” lead by Mr. Sarvesh Kumar, certified Cloud computing trainer on 19-2-2020. He is specialized in Database Management System, Data Mining, Artificial Intelligence.

In this interactive session the students were given a brief description of the following:

Introduction, Need of Cloud Computing, Different types of Cloud Computing and Roles of Cloud Computing

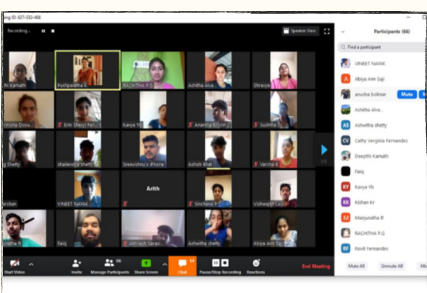
The students were provided the information on cloud computing . But when it comes to smaller enterprises, affordability becomes a huge factor. With the huge infrastructure come problems like machines failure, hard drive crashes, software bugs, etc. This might be a big headache for such a community. Cloud Computing offers a solution to this situation.

Python-IoT workshop



The Department of Computer Science and Engineering had organized a workshop on “Python-IoT” on 26th February,2020 with the aim to provide hands on experience with Python language used in IoT applications. It was scheduled from 10:00 AM to 4:00 PM. Students learnt that how IoT applications function efficiently with the help of Python libraries/packages. This workshop was also useful in the reference of placement of students. Mr. Neeraj Chauhan, who is also an assistant professor in the Department of CSE, GLBITM, mentored this workshop successfully. This workshop was joined by 200 participants.

Webinar on Online Learning

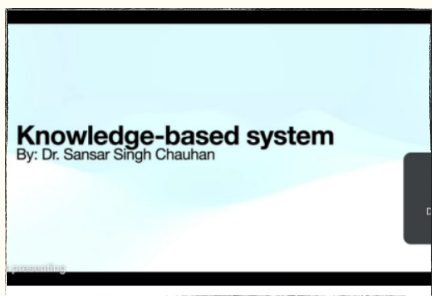


As a result of the COVID-19 pandemic, many faculty members were required to abruptly shift from face-to-face to online teaching. Within this, some instructors managed well, while others struggled.

With schools and universities around the world now moved their classes online due to the spread of coronavirus, there has been no time for educators to prepare for such a rapid change in working environment.

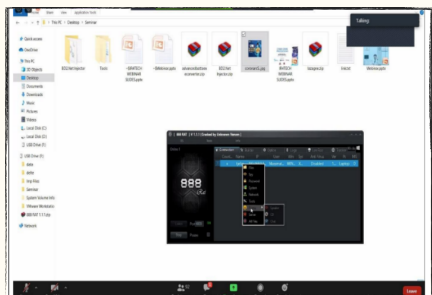
The initiative was taken by Dr. Tarun and his team and they delivered a session for the upcoming classes. The whole idea was to provide uninterrupted support to the students so that their studies did not disturbed.

Seminar on Knowledge based system



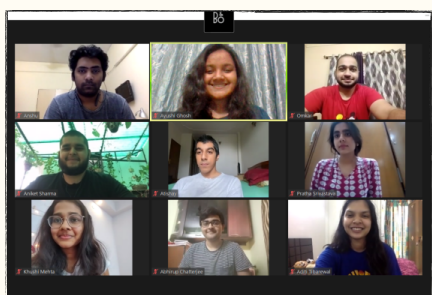
Dr. Sansar Singh Chauhan was called as the speaker of the seminar. He is professor in Galgotias University. The main aim of the session was to introduce students with use case and actual power of artificial intelligence. Since Artificial intelligence is a hot topics these day, students actively participated in the session. He started the session with a basic discussion and later he gave a brief description about Artificial Intelligence then moved toward the different types of Artificial intelligence. After giving a brief about Artificial Intelligence he moved toward the main topic on the day that was "knowledge-based system". He explained the difference between knowledge based system and artificial intelligence, its advantages and limitations, how knowledge based system were developed and its application in real word situations, different types of knowledge based system.

One day webinar on Ethical Hacking



The webinar on "Ethical Hacking" was organized by CSE department for the students. The main objective of the webinar was to make student aware of Cyber Security in the growing internet world. For any Individual, it's essential to protect their data, information using security tools. Confidentiality can be defined as keeping the information private/protected and only authorized users/employees should be able to access it.

Online Debate on Cyber crime against women



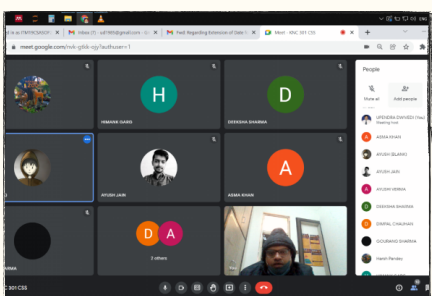
The department of CSE, GLBITM Gr. Noida organized a debate on cybercrime against women. The purpose of this event is to assess the damage and long-term effects that Information and Communication Technologies (ICT) facilitated violence against women inflict upon its victims from a criminal law perspective. A focus will be laid on offences such as online harassment by strangers, cyber bullying, revenge porn, cybercrime (fraud), online sexual exploitation of women and girls, pornography and the use of the dark net for human trafficking and the arrangement of child marriages.

Expert lecture on Front End Technologies



On 19th April 2020 under the guidance of our respected Dr. Sanjeev Pippal (H.O.D sir Computer Science Department) an expert lecture on front-end technologies was conducted. For this session Mr. Kapil Vats was called as the chief guest of the session. This session was specifically conducted to introduce students with front-end technologies. Students actively took part in the session. He started the session explaining what is the meaning front-end exactly is, then he also explained the difference between front-end and back-end and combination of both makes was working site, app, etc. He also discussed about various front-end technologies like : HTML/CSS, React JS, React Native and Flutter. For this session he mainly focussed on Html and CSS. This session received an overwhelming response from both students and faculty.

Talk on " Quarantine Life"



The COVID-19 pandemic and its related containment measures—mainly physical distancing and isolation—are having detrimental consequences on the mental health of the general population worldwide. In particular, frustration, loneliness, and worries about the future are common reactions and represent well-known risk factors for several mental disorders, including anxiety and post-traumatic stress disorders. Therefore, there is the need for methodologically rigorous counselling and aiming to evaluate the impact of COVID-19 and quarantine measures on the mental health of the students. Department of CSE organized a talk session with students. Under the guidance of head of the department Dr. Sanjeev Pippal, CSE faculties organized session for the students where students discussed about their problems and interacted with each other. The students took time to open up but gradually they discussed their day today issues and challenges.

TOP PLACEMENTS



SANDEEP DHAKA
(BATCH 2020)



ABHISHEK JAIN
(BATCH 2020)



STROT PALIYA
(BATCH 2020)

PACKAGE OF
₹30.25
LAKHS PER ANNUM
*CTC applicable post 6 month internship

amazon



SANDEEP DHAKA
(CSE)



PRANJAL AGARHRI
(CSE)



PRAGYA SINGH
(IT)



STROT PALIYA
(CSE)



VISHVAJEET
(CSE)



ANURRAG SINGH
(CSE)

PACKAGE OF
₹8 LPA

HashedIn

Editorial Board Message

Dear readers we are happy to present the second news-letter of this year. This year was very challenging for the students as well as for the faculties. This year taught us so many things. But still we all had faith in humanity and kindness. In spite of all the hurdles and challenges, our students participated in various activities. We are presenting this bunch of all activities in the form of newsletter. We hope you will like to read it. We are always open for changes and ideas.

With best wishes.

Ms. Bhairvee Singh
Ms. Suchita Johri
Mr. Navratan Vats

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