GL BAJAJ
Institute of Technology & Management
FIND YOUR SPARK
Approved by AICTE & Affiliated to AKTU

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.

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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.

Inside This Issue

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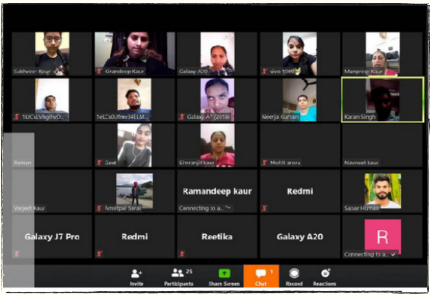- WOMEN HYGINE AWARENESS PROGRAM

HoD's Message

It gives me great pleasure to write few words as prologue for our in house departmental new letter. The year began on a note of hope and fulfilment. All of us are facing academic challenges during these tough times and I am glad to inform you that we are not only supporting the students in academics, but we have also extended help and support to those in need due to Covid. I want to congratulate all the students and faculties who continued this teaching learning process even in this critical phase. I feel proud to be part of such a magnificent institution fully dedicated for the betterment of students. I congratulate all the contributors and editorial board for bringing out such an outstanding newsletter. All the best!

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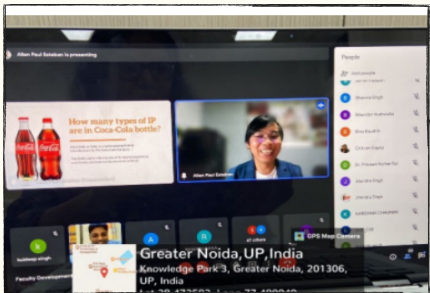Head of the Department
Computer Science & Engineering

EVENTS

Online Webinar " Learning in Challenging Situation"

Online learning provides several benefits to students who are looking for flexibility while attending college. In addition, COVID-19 has altered the educational discourse dramatically as students can now access their courses and texts online at their convenience, thereby allowing them to study according to their schedule. The ease of access to the Internet has led to an increase in demand for online learning worldwide.

In the same context for the awareness a webinar was organized by CSE department on 25-08-2020. The honourable guest was Ms. Anjali Mishra, Asst. Professor, ABES IT. The speaker has a rich teaching experience. She discusses various issues of online learning.
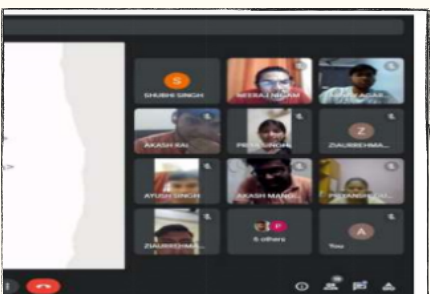
Guest Lecture on Intellectual Property rights

Computer Science Department of G.L Bajaj Institute of Technology and Management organised guest lecture on Innovation and Intellectual property rights IPR on 11-09-2020
by Dr. Allen Paul Esteban , Nueva Ecija University of Science and Technology (NEUST). PHILIPPINES. The purpose of this event was to introduce Intellectual Property Rights and its roles. Dr. Allen Paul Esteban gave an informative talk on the topic "Innovation and IPRs. ". His speech highlighted the vulnerable status of India in terms of patent applications filed. From the need of IPRs to the exclusively easy steps to file a patent application, todays talk had it all. Dr. Allen Paul Esteban showed us some data and highlighted where our country is lacking.

Study Abroad Webinar

A webinar was organized by CSE on 24-10-2020. The objective of this webinar was to throw light on the plethora of opportunities that are available for the students to pursue their studies abroad. The resource person was Ms. Pavithra Srinivasan, from Stanford University. The resource person enlightened the students with the various opportunities of pursuing higher studies in the different countries and their requirements. She gave an overview of the exams to be undertaken and the factors to be considered to admission process.
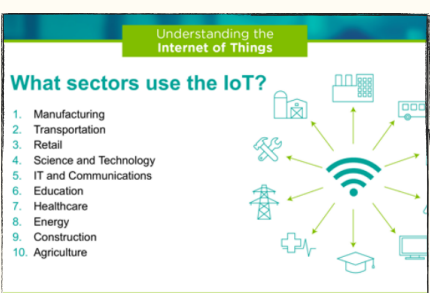
Test your knowledge

CSE Department of GLBITM organized an online event name as "Test your knowledge". The event comprised of two online sessions in which one of them was based on technical and general knowledge and other was English Literacy test.
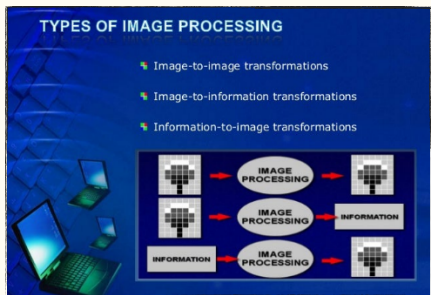
The session was held on 30th October, 2021 from 6 PM to 8 PM in online mode. These two sessions were held to test general, technical and English literacy knowledge of the participants. The event received an overwhelming response from the students as well as faculties.
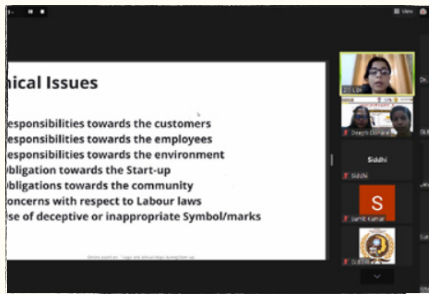
Webinar on "Internet of Things"

The Department of Computer Science and Engineering had organized a workshop on "Internet of Things (IoT)" on 2nd November,2020 with the aim to provide hands on experience on the emerging technology domains to its students. Students were given brief overview of ideas of IoT and how are we planning to implement it on large scale in future. This workshop was conducted by Mr. Karthikeyan Singh, a lead technician and the Technical Head at Edgate Banglore. This webinar aims to collaborate, share and disseminate the knowledge gained and learn in the area of IoT & its Practical Applications embarking upon its main objective to provide opportunity for students to enrich their knowledge in the area of IoT and other emerging technology. This workshop was also useful in the reference of placement of students.

Workshop on Image processing

On 6th November 2020, Department of Computer Science and Engineering, GLBITM organized a workshop on topic of "Image Processing" with the esteemed speaker Mr. Rajiv Kumar, professor at GLBITM. The workshop was attended by 100 participants who were eager to learn more about the topic. Mr. Rajiv Kumar shared his knowledge and expertise on image processing during the session and provided valuable insights into the subject matter. Mr. Kumar while pitching on key developments made through satellite communication systems, also pointed out and urged on the need to overcome key challenges like 'broadcasting of information in a time-bound manner', in the Satellite Image Processing Systems.
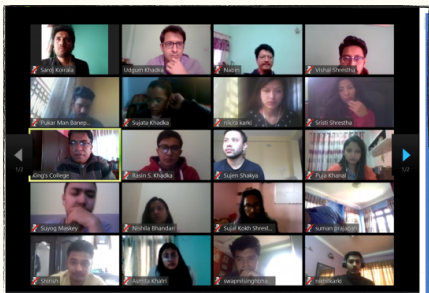
Guest Lecture on Intellectual Property rights

Computer Science Department of G.L Bajaj Institute of Technology and Management organised guest lecture on Innovation and Intellectual property rights IPR on 17th November2020 by Adv. Lipi.

The webinar on Intellectual Property Rights aimed to provide a comprehensive overview of the various aspects of intellectual property rights and their implications for innovation and patent. It covered topics such as the different types of intellectual property rights, the legal framework governing these rights, and how to protect them. The webinar had an open discussion on current trends in intellectual property law and how they can be used to protect innovators.

Vidzard

On 21st November 2020 under the guidance of our Respected H.O.D Computer Science Department Dr. Sanjeev Kumar Pippal Sir a Technical Event Named Vidzard.

Vidzard is a technical event conducted by Mr. Neeraj Chauhan, Assistant Professor at Glbitm. The event provided an opportunity for students to learn about the latest trends in technology and understand the importance of using advanced tools for their academic and professional success. The event included lectures from experts in the field, hands-on activities, interactive sessions and more. Students got an opportunity to explore various aspects of technology such as artificial intelligence, machine learning, data science, virtual reality and more.

Mental Health Awareness Program

Mental health is an integral part of health, it is more than the absence of mental illnesses. It is the foundation for well-being and effective functioning of individuals. It includes mental well-being, prevention of mental disorders, treatment and rehabilitation. The burden of mental illness is on the rise. With the number of people reporting mental health concerns slowly increasing, it has become difficult to ignore the impact that mental illness can have in our day to day lives, our society, and our economy at large.

In order to build a society where everyone is able to get the support that they require, we need to raise awareness about mental health concerns and reduce the stigma associated with mental illness. 15 Students participated in the event.

Women Hygine awareness Program

A total of 10 girl students volunteered to communicate with female workers and inform them about the need to understand their own strength and realize that they are no less than anyone out there. The girls discussed with them the true meaning of safety and the way their working cultures could be considered "safe". Women safety must be promoted in all industries and its awareness must be spread to those who still remain without a clue about it. The volunteers spoke on zero tolerance of harassment and the key policies of combating any kind of violence and discrimination in any area of life.

The campaign concluded on the point that in order to build a stronger community, its women specifically must feel safe and secure to help contribute to it in a full-fledged manner.

TOP PLACEMENTS

MANIK GOEL
(BATCH 2021)

ZHATAB SAIFI
(BATCH 2021)

PACKAGE OF
₹**31.6**
LAKHS PER ANNUM
Google

PACKAGE OF
₹**30**
LAKHS PER ANNUM
amazon

KRATIKA DIXIT

DISHANT

SIDDHARTHA BHATNAGAR

PACKAGE OF ₹ **18.2** LPA   **cisco**

₹ **15.5** LPA   **CME Group**

WINNERS OF SMART INDIA HACKATHON – 2020
Organised by – Ministry Of Women and Child Development (Govt. Of India)

Prize Awarded - Rs. **1** Lakh

MANIK GOEL
CSE

RISHABH GARG
CSE

ANUBHAV VATS
CSE

ARYAN MAURYA
CSE

AKRITI
ECE

RISHABH GUPTA
ECE

Editorial Board Message

We would like to extend our sincere thanks to Head of the Department CSE for his constant support and guidance that he has rendered in making this newsletter a reality. We extend thanks to the management and faculty of the department for their kind and continued support in the progress of the department. This maiden issue of newsletter should inspire all of us for a new beginning. Stay tuned to keep in touch with events conducted in the Department, Industry news and other interesting trivia.

Faculty Coordinator: Dr. Sachin Yadav, Ms. Bhairvee Singh

Student Coordinator: Aman Gupta, Shubhi Singh

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