# GL BAJAJ

## Institute of Technology & Management

**FIND YOUR SPARK**

# MCA Newsletter

July-Dec 2022

## Chairman's Message

**Firm belief in values
is the main source of our abilities which givesus
strength, courage, conviction, and commitment
on a continuous basis**

. Dr. R. K. Agarwal
The Founder of the Group

## Vice Chairman's Message

We firmly believe that support, guidance and assistance play a phenomenal role in transforming students into professionals with sheer excellence and sharp focus.

## Director Message

Our expertise coupled with rock solid principles, excellent infrastructure, competent faculty members, robust teaching methodology and industrial relations place us well above the rest.

Dr. Manas Kumar Mishra

## HOD Message

The Department seeks to combine excellence in education with service to the industry. Our vision is to be recognized as innovative and leading MCA Department. Our goal is to provide students with a balance of intellectual and practical experiences that enable them to serve a variety of societal needs. In our department students are nurtured to become best software professionals as Project Managers,

Prof. (Dr.) Madhu Gaur
Head, Department of Master of Computer Application

## VISION

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

## MISSION

- 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.

### CHIEF PATRON

### PATRONS

## About The Department

The Department of Master of Computer Applications at GL Bajaj Institute of Technology & Management started in the year 2006 with a vision "To become a center of repute and developing computer professionals who can respond to social and global challenges". The Department focuses on the attainment of professional excellence by providing acquaintance with new IT tools and technologies. The branch of Master of Computer Applications focuses on the scientific research, scientific programming, Application programming, software testing and software engineering. The Department has well-furnished laboratories with contemporary hardware and software resources, lecture halls, seminar halls, tutorial rooms and faculty sections.

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# Guest Lecture
## "Reskilling/Upskilling in Emerging Technologies"

Department of MCA, GL Bajaj Institute of Technology & Management, Greater Noida organized a guest lecture on "Reskilling/Upskilling in Emerging Technologies for MCA students at the institute premises on 6 September 2022. The major objective of the program was to describe a new technology, but it may also refer to the continuing development of an existing technology.

Prof (Dr.) Manas Mishra spoke on "Emerging Technology at glance" and highlighted the scope of topics, its application future impact in coming era and job opportunities in that area.

Dr. Arti Noor, Sr. Director, Principal Academics CDAC, while delivering a speech on the occasion, said that The Centre for Development for Advanced Computing (CDAC) is the main research and development group for the Department of Information Technology (DIT) and the Ministry of Electronics and Information Technology (MEITY) in India.

Dr. Mary Jacinthan, Joint Director CDAC, while delivering a speech on the occasion, said that as technologies transform, organizations must enable their people to learn at speed and scale to respond faster to this ever-changing environment.

Ms. Rekha Saraswat, Joint Director CDAC, Noida, while delivering a speech on the occasion, said that the goal of cloud computing is to provide easy, scalable access to computing resources and IT services.

Mr. Vivek Arya, Project Manager, Futureskills PRIME – CDAC while delivering a speech on the occasion said that the main objective of Big Data is the technology an organization or individual can obtain, store, transform and analyze large amounts of data to solve specific problems.

Dr. Madhu Gaur, Head-MCA, gave necessary information about the scope the emerging technology in forthcoming digital era. She also extended vote of thanks to all the dignitaries and HOD's for sparing their valuable time.

# Technical wing organized Technical Quiz activity for MCA students

Department of MCA, Dream Spark Aura club of GL Bajaj Institute of Technology & Management, Greater Noida celebrated Hindi Diwas under Extra-Curricular Activities for the 2nd year MCA students at the institute premises on 15 September 2022. The major objective of the program was help students to develop their social skills and learn how to work in a team to achieve a shared goal. These activities allow your students the opportunity to explore different areas of interest, increase self-confidence, build leadership skills, and even improve grades — all while having fun!

The activities started under the guidance of Dr. Madhu Gaur, Head MCA , in her inaugural address emphasized on aim of the competition is not merely to see the creative aspects but also to trigger the thought process of the students and sensitize them towards these burning and serious issue.

Technical wing organized Technical Quiz activity for MCA students. The main purpose of the competition is to develop interest in subject areas of C programming including competitive aspects. The students were engaged in challenging and thought-provoking questions. The Quiz was unique because it was held on virtual platform. Rules and regulations of the quiz were explained at the beginning. The competition includes objective questions which engaged the students for one hour.

# Expert Talk on "Web 3.0: The Future of Web and Career Growth with startups"

Department of MCA organized the Expert talk on "Web 3.0: The Future of Web and Career Growth with startups" The Experts of this session Mr. Mahesh Chand (Founder C# Corner,India and CEO Mindcracker Inc, USA), Mr. Kjell Hegstad ( Co-founder ING Direct ,USA) along with Mr. Atul Gupta and Mr. Bhasker Das grace the event by their presence and word of wisdom.

The aim of establishing this Center is to enable our young minds with Web 3.0, capacity building in Web 3.0, motivating and promoting about Web 3.0. On this occasion the industry experts across the sea addressed students about Web 3.0: The Future of Web and Career Growth with startups.

# Orientation Program 2022 - MCA

Department of MCA, GL Bajaj Institute of Technology & Management, Greater Noida organized an Orientation Program for the newly admitted MCA students at the institute premises on 16-18 November 2022.
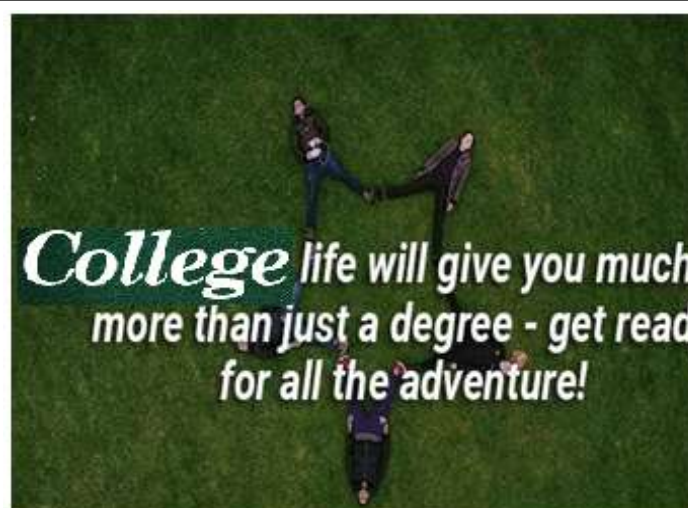
The program was inaugurated with the lighting of the lamp by the Director Prof. (Dr.) Manas Kumar Mishra, Dr. Shashank Awasthi Dean Strategy, Mr. Anil Khatri Dean T & P, HoD's of all the departments, Dr. Madhu Gaur, Head- MCA and other dignitaries.

Prof. (Dr.) Manas Kumar Mishra, while delivering a speech on the occasion, said that it was not the events but the attitude that caused success. One third of what constitutes a person is his genetic inheritance; another one third comes from the kind of upbringing he /she receives and the remaining one third from one's own self. He also stressed the importance of dedication to one's profession and the need to have proper planning before taking up and implementing any project. He also gave a brief view about institution's achievements, incubation centers and rules regulations.

Mr. Anil Khatri, Head Placements GLBITM, briefed the students about the placement process and give them mantras to crack campus interview. In her address, she assures Student that they leave the institution with degree and offer letter.

Dr. Sanjay Kumar, Head GLBCRI and IIC give a brief about the incubation center, funding projects, patents and ensure students to always support them if they have any Innovative idea.

Dr. Madhu Gaur, Head-MCA, gave necessary information about the academic design of the first year MCA Course and the University and Institute rules and regulations regarding academic matters. She also extended vote of thanks to all the dignitaries and HOD's for sparing their valuable time.





College life will give you much more than just a degree - get read for all the adventure!

# 2nd International Conference on
# CYBERSECURITY & EVOLUTIONARY DATA ENGINEERING (ICCEDE 2022)

The 2nd International Conference on CYBERSECURITY & EVOLUTIONARY DATA ENGINEERING (ICCEDE 2022), organized by the Department of MCA, G. L. Bajaj institute of technology and management, Greater Noida in collaboration with Scopus Indexed SPRINGER LNEE for proceeding publication on 9 Dec- 11 Dec 2022. Dr. Sanjeev Kumar form MCA department is the Conference Convenor. The ceremony began on 9 Dec 2022 with lighting the Lamp by all the dignitaries.

The Director of the Institute Dr. Manas Mishra sir, gave welcome address and Conference briefing. He addressed the Guest of Honor Dr. Heechoon Kwon, our keynote speakers, Dr. Raj Jain Washington University, St. Louis, US. Dr. Ljiljana Trajkovic, Professor Simon Fraser University Canada and Prof.(Dr.) B.K. Verma, Professor in AIML, Data Science/Big Data, PIET, Panipat.

Dr. Hee-choon Kwon, Drone in Security serving as a Vice Chairman at NACSI and Chairman of KSCEA. Recently, he is appointed as Professor of Dept of A.I Drone, Caroline University in United States. He discussed much practical applications where drone can be used to manage the security. He shared his valuable knowledge of research going on in these field and motivated students to focus on the research.

Dr. Raj Jain gave a talk on the topic Common Issues and Challenges in AI for Security.

Dr. Ljiljana Trajkovic gave a talk on the topic Machine Learning for Detecting Internet Traffic Anomalies. The roadmap of her research consists of the basic introduction of AI and Security, How the data collection was done and which dataset she used for the research.

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Prof. B.K. Verma, shared his valuable knowledge of data Engineering and Data Science. His topic was Opportunities & Challenges in Data Science or Data Engineering after Covid-19.

The parallel session for Authors Papers Presentation were going on in hybrid model. The Session Chairs included Dr. Ehtiram Raza Khan, Jamia Hamdard New Delhi, Dr. Nishant Kumar Gurukul Kangri , Haridwar & Dr. Rajeev Kumar, GLBITM.

The memento were given to the session Chairs and the Certificate were given to the authors by the dignitaries. At the end, Dr. Manas Mishra sir gave a vote of thanks to all the keynote speakers and Guest of Honor, faculties and students of MCA department. The HOD, Dr. Madhu Sharma Gaur gave a final vote of thanks to all the dignitaries and specially students for their disciplined behaviour and patience.





## Paper's Presented By MCA Students

➔ Gupta, V., Srivastava, S., Pandey, A. K., Kumar, L., & Choudhury, T. (2022). Social Media Role in Pricing Value of Cryptocurrency. In *Machine Intelligence and Data Science Applications: Proceedings of MIDAS 2021* (pp. 819-829). Singapore: Springer Nature Singapore.

➔ Mishra, A., Kumar Varun, N., Srivastava, S., Pandey, A. K., Kumar, L., & Choudhury, T. (2022). The Mutation Study of Social Media in Student's Life. In *Machine Intelligence and Data Science Applications: Proceedings of MIDAS 2021* (pp. 853-864). Singapore: Springer Nature Singapore.