

NEWSLETTER

YEAR 2023-2024



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DEPARTMENT OF MCA

VISION

To be recognized as one of the focused Department importing Quality education among College at State & National level.

MISSION

M1: To promote technical proficiency by adopting effective teaching and learning processes.

M2: To provide environment & opportunity for students to bring out their inherent talents for their all round development.

M3: To pursue creative and new technologies in computer applications and across disciplines in order to serve the needs of industry, government, society and the scientific community.

M4: To educate students to be successful, ethical, and effective problem solvers and lifelong learners who will contribute positively to the society.

PEOS

PEO1: To provide student's strong foundation in basic sciences, mathematics, scientific and computer fundamentals knowledge and skill.

PEO2: To provide students the ability to identify, formulate, solve and analyze computing problems.

PE03: To provide students the ability to design architecture, conduct experiments and develop reports related to the field of computer science and applications.

PE04: To provide students the ability to apply learnt knowledge in developing real life computational solutions and projects.

PE05: To prepare the students to have effective communication and professional skills, positive attitude, team work, professional ethics & social issues.

PE06: To make the students corporate ready to succeed in industry as professional or excel in higher education

MOUs

Galgotias College of Engineering and Technology's MCA department has signed an MOU with Edunet Foundation to provide industry-related knowledge and new technologies to students. The Tech Saksham Program by Edunet Foundation, supported by Microsoft Corporation India Pvt. Ltd and SAP India Pvt. Ltd, trains women learners in Artificial Intelligence, Cloud Computing, and Full-stack Web Development. The program also aims to train faculty members to enhance the institution's technical capacity. Us

REPORT ON JAM (JUST A MINUTE) PRESENTATION

Venue:

Event Coordinators:

Date: 20 November 2023

According to proposed plan Galgotias College of Engineering and Technology organised a JAM which was held on Monday, November 20 2023 JAM was organized for MCA 1st year students. The aim behind conducting this competition was to check the knowledge of the students. The competition was based on topic related to MCA.

The objective of the competition was to acquire knowledge and intelligence it had serve up to the best, around students from MCA 1st year department of our college has participated in the event with full zeal and enthusiasm.

Attendance of students



WORKSHOP ON INTRODUCTION TO DEEP LEARNING AND IMAGE ANALYSIS

Venue:-A210, A-Block, GCET

Event Coordinator:- Kanak Tripathi &
Nayla Serwani

Date:-28/06/2024

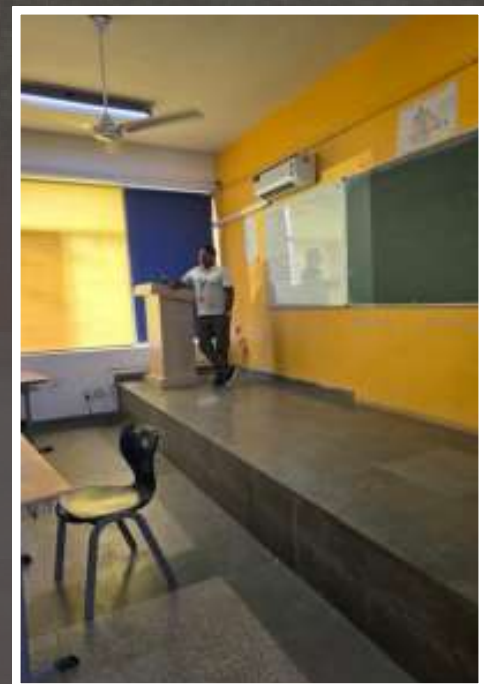
Time:-2:00-4:00pm

Galgotia College of Engineering and Technology presented a fascinating workshop titled "Introduction to Deep Learning and Image Analysis" on June 28, 2024, from 2:00 PM to 4:00 PM. Students, academics, and business professionals interested in learning more about the emerging fields of image processing and artificial intelligence made up the diverse audience that attended the event. Dr. Nripendra Kumar Singh, Faculty of Computer science Department gave a perceptive introduction to the workshop, emphasizing the importance of deep learning in transforming a number of technological fields. Basic understanding of neural networks, convolutional neural networks (CNNs), and image analysis applications—from autonomous cars to medical diagnostics—was imparted to the participants. A crucial aspect of the workshop were the practical sessions, which gave participants the chance to apply algorithms using well-known deep learning frameworks like TensorFlow and PyTorch. Hands-on exercises included image classification tasks, where participants learned to preprocess data, train models, and evaluate performance metrics such as accuracy and loss. The session on image analysis techniques captivated the audience, demonstrating how deep learning models can detect objects, recognize patterns, and even generate creative outputs in art and design.

Co-curricular activities

WORKSHOP ON INTRODUCTION TO DEEP LEARNING AND IMAGE ANALYSIS

Case studies showcased real-world applications, reinforcing the relevance of these techniques in today's digital landscape. Interactive Q&A sessions provided attendees with opportunities to clarify doubts and explore advanced topics such as transfer learning and deep reinforcement learning. The workshop concluded with a networking session where participants exchanged ideas and forged new connections with industry experts and fellow enthusiasts. Overall, the workshop on "Introduction to Deep Learning and Image Analysis" at Galgotia College of Engineering and Technology was a resounding success, equipping attendees with fundamental skills and inspiring them to explore further advancements in artificial intelligence and image processing.



Co-curricular activities

Report on A Short Term Course: "Cloud Computing: A Hands-on Approach with AWS Cloud" (ICT-135)

Venue:-A210, A-Block, GCET

Event Coordinator:- Kanak Tripathi &
Nayla Serwani

Date:-28/06/2024

Time:-2:00-4:00pm

From January 29th to February 2nd, 2024, the Department of Computer Applications at Galgotias College of Engineering & Technology, in collaboration with NITTTR, Chandigarh, organized a short-term course titled "Cloud Computing: A Hands-on Approach with AWS Cloud" (ICT-135). The event took place at the college premises located at Plot No. 1, Knowledge Park II, Greater Noida, G. B. Nagar (U.P.) - 201310. The course aimed to provide participants with practical knowledge and hands-on experience in cloud computing, focusing on Amazon Web Services (AWS). The course was designed for students, faculty members, and industry professionals seeking to enhance their understanding of cloud computing technologies and their applications. The primary objective was to bridge the gap between theoretical knowledge and practical implementation. Over the five-day period, the participants were introduced to various concepts and services related to AWS, including but not limited to, EC2 (Elastic Compute Cloud), S3 (Simple Storage Service), RDS (Relational Database Service), and IAM (Identity and Access Management). Expert instructors from both academia and industry conducted the sessions, ensuring a comprehensive learning experience.

Co-curricular activities

Report on A Short Term Course: "Cloud Computing: A Hands-on Approach with AWS Cloud" (ICT-135)

Venue:-A210, A-Block, GCET

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Date:-28/06/2024

Time:-2:00-4:00pm

The hands-on labs allowed participants to set up and manage virtual servers, configure storage solutions, and implement security measures. Interactive workshops and Q&A sessions facilitated a deeper understanding of the topics covered. One of the key highlights of the course was a project-based approach, where participants worked on real-world scenarios and developed cloud-based solutions. This approach not only reinforced the theoretical concepts but also provided a platform for participants to demonstrate their learning outcomes. Feedback from the participants was overwhelmingly positive, with many appreciating the practical orientation of the course and the expertise of the instructors.



Co-curricular activities

Report on A Short Term Course: "Cloud Computing: A Hands-on Approach with AWS Cloud" (ICT-135)

Venue:-A210, A-Block, GCET

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Date:-28/06/2024

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The successful completion of this course has equipped the attendees with the skills necessary to leverage AWS cloud services effectively in their respective fields. In conclusion, the short-term course on "Cloud Computing: A Hands-on Approach with AWS Cloud" was a significant step towards fostering knowledge and skills in cloud computing, aligning with the vision of Galgotias College of Engineering & Technology and NITTTR, Chandigarh, to provide quality technical education and professional development opportunities.



Report on Farewell and Freshers' Day for MCA Department, Galgotias College of Engineering and Technology

Venue:-Auditorium, D Block
Event Coordinator:- Nayla Serwani
Date:-19/06/2024
Time:-2:00-5:00pm

FAREWELL

On the 19th of June 2024, the MCA Department of Galgotias College of Engineering and Technology hosted a memorable Farewell and Freshers' Day event to bid adieu to graduating postgraduate students and welcome incoming freshers. The event was a poignant blend of reflection and anticipation, marking a significant milestone in the academic journey of the students.

The farewell segment was filled with emotional speeches from faculty members, reminiscing about the academic achievements and personal growth of the graduating students. The outgoing batch shared heartfelt memories and expressed gratitude towards the faculty and staff for their unwavering support throughout their tenure.

Transitioning seamlessly into the Freshers' Day celebrations, the event turned vibrant with the enthusiastic induction of new students into the MCA family. The freshers were warmly welcomed by faculty members and seniors, setting the tone for a promising academic year ahead.

Awards were presented to acknowledge outstanding academic performances and notable contributions to the department. The event concluded on a high note with cultural performances, fostering camaraderie and a sense of community among the students and faculty alike.

FAREWALL





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<https://galgotiacollege.edu/computer-applications-mca>