

Annual Report

The 2023-2024 Department of Computer Science had an amazing session with a variety of creative and educational activities arranged by the Department. The Department actively participated in both the teaching-learning process and the University of Delhi's undergrad admissions process.

To improve the academic environment in Maitreyi College by promoting collaboration and formal international linkages, the Department of Computer Science did a successful MoU with Prof. Huiru Jane Zheng, Theme Leader of Data Analytics and Systems in AI Research Centre at Ulster University, United Kingdom in October 2023. MoU desires to conduct certain academic programs to promote the development of joint research and training activities, and other educational exchanges of mutual interest catalyzing internationalization of education.

Each month, the Department collaborates with the student society Ilustrado to provide a variety of cultural and intellectual activities.

On 28th July 2023, Department of Computer Science, Maitreyi College in collaboration with Department of Economics and Commerce organized a workshop on “e-Filing of ITR” to acquaint the teaching and non teaching staff members of the college with the e-filing of ITR and specially Empowering Women in Financial Literacy. Through this workshop, participants gained valuable knowledge and skills to navigate the complexities of income tax filing with confidence and efficiency, ensuring a successful tax journey ahead.

On 18th August 2023, “Know your Department” event was organized by the department for the freshers’ batch of 2023-24 to make them familiar with the department. Along with the introduction of the department, the event consisted of tech talks by Industry experts to acquaint them with emerging technologies.

On 23rd August 2023, live screening of the launch of “Chandrayaan 3” was organized by the department to witness this momentous occasion together. There were pre-launch discussions, a live telecast and also an interactive session.

The department also celebrated “Ganesh Chaturthi” with great enthusiasm from September 10-12, 2023. The cherished tradition promoted a sense of unity and responsibility among the students. All the students, faculty members and non-teaching staff celebrated the festival together showcasing the depth of devotion and unity within the Computer Science department.

The department then organized a 30-hours course on “Introduction to Python Programming” from 5 August - 23 September, 2023. All the faculty members of the Computer Science department acted as the resource persons. In total 27 participants registered for the course from various colleges of Delhi University.

A Student Development Programme - Canva Workshop was organized by the students of the Department of Computer Science (October 9-16, 2023) who acted as instructors and volunteers. The aim of this workshop was to develop designing skills of students using Canva. Total 52 students registered for the workshop. Overall the workshop received a positive response from the participants. The valedictory session of this programme was held on Nov 2, 2023. All the participants were honored with certificates recognizing their dedication and participation in the workshop.

On the occasion of Dussehra & Cyber Jaagrookta Diwas (24 October 2023), Department of Computer Science, Maitreyi college organized a quiz on the topic “CYBERSECURITY AWARENESS” under the aegis of IQAC. The main purpose of this quiz was to warn everyone about “The New Age Ravana”- the cyber threats. A total of 134 people responded.

The department under its TechnoUpdate 3.0 initiative successfully organized the second round of a 30 Hours certificate course on “ICT Tools & Application”. In total, 21 registrations were received. The course was conducted in hybrid mode. Faculties of Computer Science recorded the Video lectures and uploaded them to Google Classroom on each day. Regular doubt sessions were conducted online to solve doubts. The course content, structure and pace was highly appreciated by the students. All agreed that the course was a positive experience in enhancing their skills and knowledge and they would surely attend more such courses in future.

The student society of the department, Ilustrado, organized a seminar on 10th October 2023 on “Digital Marketing” in coordination with IIDE. The seminar featured Mr. Akash Gogri from IIDE as the speaker. The seminar was an insightful event that shed light on various aspects of digital marketing in the modern era.

The student society of the department, Ilustrado, organized an online digital rangoli making competition from 10-15 November 2023, titled "E-mandala," showcasing the artistic prowess of university students. This innovative event provided a platform for participants to express their creativity in a digital realm. Winners were awarded with certificates. The E-mandala competition not only celebrated artistic expression but also highlighted the talent and diversity within the university community.

In collaboration with Arena Multimedia, Ilustrado, the student society of the department organized a workshop on AVGC (Animation, Visual Effects, Gaming, and Comics) on 15th February 2024. Total 78 students registered for this workshop . The workshop commenced with an inaugural ceremony, followed by informative sessions and practical demonstrations by industry experts. Participants were introduced to various software tools and techniques used in animation, visual effects, gaming, and comics creation. Participants gained valuable knowledge, practical skills, and inspiration to pursue careers in AVGC.

Ilustrado, the Computer Science Department of Maitreyi College organized an E-Waste Collection Drive from 7 to 27 February, 2024 aimed at promoting responsible disposal of electronic waste (e-waste) within the college community. The drive encouraged students, faculty, and other members to contribute by donating various types of old electronic items, including broken laptops, earphones, remotes, and other gadgets, which would be sent for recycling. The department conducted an awareness campaign to educate the students about the importance of proper e-waste disposal and its environmental impact. This campaign was done through posters, social media announcements, and offline campaigning on the grounds of college as well to reach out to the college community.

On March 4th, 2024, an International lecture was organized by the department on AI-Driven technology in gait rehabilitation, monitoring, and self-management under its MoU with Prof. Huiru (Jane) Zheng (Professor of Computer Science at the School of Computing and Mathematics, Ulster University, United Kingdom and Adjunct Faculty of Maitreyi College). The lecture provided valuable insights into harnessing the power of AI to revolutionize the way gait-related conditions are diagnosed, treated and managed.

The Annual tech fest “Ciencia ‘24” was organized by the student society - Ilustrado on 6th March 2024. The fest was attended by around 60 participants from different colleges, who showcased their skills and talents in various events. The events included a tech talk by Dr. Sachin Kumar, Arithmetic Arena, a coding competition, Spectacular spotlight, a talent hunt, and Cipher Cell, a treasure hunt. These events were designed to test the participants’ knowledge, creativity, and problem-solving skills. Overall, the fest was a great success, and the participants were appreciated for their skills and talents. The fest was a great platform for the participants to showcase their talents and learn new skills.

Ilustrado, the Computer Science Society of Maitreyi College successfully organized an educational excursion to Lohagarh Farms, Gurugram, Haryana on 7th of March 2024 under the aegis of CFR, Maitreyi College. It was a one-day trip within Delhi NCR. The trip was designed in a way to enhance student’s learning experience outside of the classroom along with fun and provided valuable insights of the real world. The visit to Lohagarh Farms underscored the profound impact of digital detoxification on individual well-being and community cohesion. By embracing moments of disconnection amidst the picturesque landscapes and cultural richness of the farm, students cultivated a deeper appreciation for the present moment and forge lasting connections with both nature and fellow travelers.

The department organized a seminar focusing on the theme of “Safe and Unsafe Places of Cyber Space” on 20th March 2024. The resource person was Dr. Gaurav Gupta (Director, MeiTy, Government of India). The seminar aimed to raise awareness among students, faculty, and staff about the evolving landscape of cyber threats and the importance of digital safety.

The department organized a talk on Generative AI on 19th April 2024. The resource person was Dr. Rajan Gupta (AI professional with 15+ years of combined experience in AI/ML Product and Service Delivery, Analytical Research, Consulting, Training and Teaching in the field of Data Science and Computer Science).The talk covered various fundamental concepts around the principles of Generative AI and provided an overview to the world of Large Language Models (LLMs). Various industrial applications and challenges were also discussed..