Department of Computer Science

AQAR Evaluation Report 2019-20

- Department of Computer Science has recently started with **peer-mentoring** for students. The third year students has taken sessions for other college students thereby GSuite tools more effectively.
- Many students have got internships and placements in various companies which has helped them in gaining advancement in career development.

- The **One Day Hands-on Workshop on "Exploratory Data Analysis** aided students to learn and implement the techniques of performing Exploratory Data Analysis (EDA). It not only introduced students with various stages of EDA but also elucidated the use of quantitative techniques to perform EDA. Students were able to hands-on experience the Google Collaborator to create Python scripts and used data-sets to implement different stages of EDA.It helped students to improve and enhance their technical skills.

- The **Stationary Collection Drive** encouraged students as well as teachers to donate stationery items, from pencils, pens, crayons to notebooks and comics to children staying in slum areas. The drive has hugely empowered our staff and students with inner joy and satisfaction with a feeling of social conscience. The donators felt happier and more fulfilled by bringing smiles on the faces of little children. The donation drive was followed with collecting used plastic bottles from the premises in order to discourage the use plastics and encourage recycling of the used ones. The drive not only helped in spreading awareness all around but also motivated participants to limit the use of plastic so as to improve our environmental condition.

- **Technophillia: PPT Presentation Competition** brought forth an amalgamation of intelligence, research, and creativity. The students researched well to gather information on the topics and used innovative ways of presenting them. The participants displayed their undying thirst for knowledge, while showcasing their immense interest and the astonishing amount of effort and research put into each of their individual presentations. The students comprehended technical skills required in preparing Power Point Presentation. The event helped participants bring out their inner confidence and public speaking skills.

- The **Talk on Cyber Security** facilitated students with understanding the importance of protecting their sensitive data lying on the web. The session was very informative as students got to know the fundamentals of cybersecurity irrespective of their fields. The speakers educated participants on how people and organizations are vulnerable to cyber-attacks while sharing their information over the internet or performing an online transaction. The session informed students with all the parameters of cyber security and

introduced them with various training programs and internships under Microsoft Global Certification. The experts also talked about various career opportunities in Ethical Hacking, Cryptography and Forensic analysis.

- The talk entitled "Statistical Indicators for Sustainable Development Goals in India" in the annual technical festival **MASTACOM'19** benefited the participants with understanding the role of statisticians in creating a balanced model for nation's development. The informative session elaborated 8 Millennium Development Goals (MDGs) and 17 Global Sustainable Development Goals (SDGs) that all 189 UN member states have agreed to try to achieve by the year 2030 . Students got an awareness on India's significant progress towards achieving these goals viz., reducing the poverty by half, universal primary education, providing clean drinking water etc. through various government schemes and programmes. The participants were presented with government reports including Tier Classification Sheet (as of 11 December 2019) and 306 statistical indictors constituting National Indicator Framework (NIF) prepared by Ministry of Statistics & Programme Implementation (MoSPI). The session informed the students about an essay writing competition organized by ministry on "National Statistics Day'' celebrated every year on 29th June where the winners get an opportunity to attend the program at Vigyan Bhawan, New Delhi. Speaker motivated students to be part of Internship Scheme of the MoSPI which aims to facilitate the students to study and get familiarized with the prevailing system of official statistics in the country.

- The **National Webinar on "Technology-Enabled Higher Education in India: Challenges and Opportunities"** aided participants with awareness of technology in higher education and its relevance in today's virtual scenario. Students were benefited with valuable information on the development of MOOCs and how it provides a good platform for interactive and remote learning. The participants were enlightened with various initiatives of MHRD like ARPIT to improve and bring about innovations in pedagogy.