

REPORT

The Department of Commerce, Mata Sundri College for Women in collaboration with NIIT Foundation, certified by CISCO conducted a Short Term Course on Digital Transformation and Cyber Security. The course was conducted online on the CISCO Webex platform everyday from 23rd August to 28th August, 2021. The course duration was for 35 hours + 12 hours training. Mr. Kartik Bhardwaj (Resource Person, NIIT Foundation) co-ordinated the entire program and the overall program was very satisfactory & learner-centric.

The Convenor of the event was Dr Sapna Dhaliwal, Assistant Professor, Department of Commerce and Co-Convenors of the event were Ms Naina Kaur and Ms Rameet Kaur Sawhney, Assistant Professors of Department of Commerce.

The course conducted was successful enough to attract 250+ registrations and the enthusiasm among the students was palpable.

The students had a comprehensive overview of how the emerging technologies such as data analytics, artificial intelligence are shaping the digital business with an increased attention to cyber security, exploring the cyber threats and trends from protecting personal to a company's data.

The day 1 began on a very auspicious note with the college prayer followed by the official welcoming note for the Principal and the faculty of commerce, resource person and the students. After the welcome, Mr Kartik Bhardwaj introduced the students to the website "netacad.com" where the students had to activate their account to access the training. The course started with an Introduction to the Internet of Things(IoT) consisting of the Evolution of Digital Transformation, Network types, Growth of IoT devices and the benefits of IoT devices.

The basics of programming, python, blockly, prototyping cloud computing challenges and opportunities in the digital transformation, the types of data, importance of security of data, automation, artificial Intelligence and machine learning, protection of corporate world in securing data, securing personal data and devices, introduction to personal and organizational data, types of attackers, cyber warfare, types of malware, were the topics covered from day 2 to day 4 of the session.

The students learned about Firewall and security appliances types, methods of Infiltration, Wi-Fi password cracking, wireless networking safety browser privacy on day 5 and 6 of the session. The students also gave online exams on the topics they have learnt throughout the course in order to acquire the certification of the course. The course concluded with an ending note for thanking the contribution of each and every person, and taking virtual photographs with all the participants. Overall, the event was a huge success, the students seemed very intrigued and exhilarated with their feedback. The purpose of the course and the objective to impart knowledge of digital transformation and cybersecurity was accomplished with a very buoyant ending.