BABA FARID COLLEGE OF ENGG. & TECHNOLOGY

Five Days Faculty Development Programme

On

Cyber Security

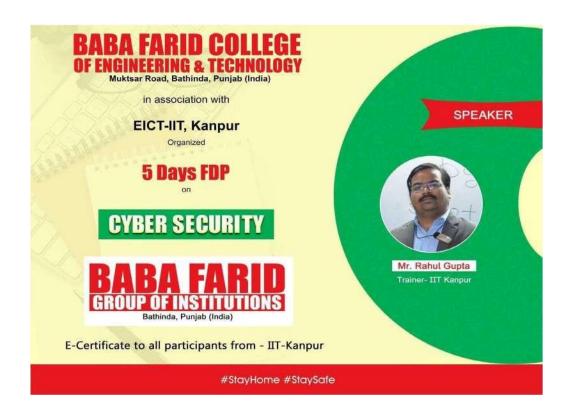**Date of the Programme:** 04-08-2020-08-08-2020

Collaborative institute: Electronics &ICT Academy -IIT Kanpur

The Department of Computer Science and Engineering (DCSE) at BFCET conducted a Five-Day Faculty Development Programme (FDP) on Cyber Security from 4th to 8th August, 2020. The FDP aimed to provide a comprehensive understanding of Cyber Security, its importance, and the measures that individuals and organizations can take to protect themselves from cyber-attacks. Theevent was welcomed by the Head of the Department of Computer Science and Engineering (CSE) and concluded with a vote of thanks from the Principal of BFCET.

Mr. Rahul Gupta trainer from IIT Kanpur conducted this session for five days. Each new day was anew learning for participants. More than 45 attendees attend this FDP. The complete FDP was online but hands on as the expert shared his screen and step by step asked participants to do hands on also. All participants performed well and asked their queries in parallel. This Course significantly benefitted security professionals, security officers, auditors, site administrators, web programmers and anyone who was concerned about the integrity of the Network infrastructure.

Brochure of Workshop

Day1:

The FDP included a series of sessions by Mr. Rahul Gupta, an expert in the field of CyberSecurity. The first day of the programme covered the basics of Cyber Security and its significance in today's world. He discussed the various types of cyber-attacks, such as phishing, malware, ransom ware, and social engineering, among others. He also explained the importance of cyber hygiene and the need for organizations and individuals to take preventive measures to protect themselves from cyber-attacks.

Day2:

The second day of the programme focused on the tools and techniques that are available to individuals and organizations to safeguard them from cyber-attacks. Mr. Rahul Gupta discussed the importance of implementing strong passwords, two-factor authentication, and regular software updates to protect against cyber-attacks. He also highlighted the need for organizations to implement a strong cyber security policy that includes regular employee training and awareness programs.

Day3:

On the third day of the programme, Mr. Rahul Gupta discussed the role of firewalls, intrusion detection and prevention systems, and antivirus software in Cyber Security. He also highlighted the importance of regularly monitoring and analyzing network traffic to identify potential security threats and take necessary action to prevent them.

Day4:

The fourth day of the programme focused on cloud security, mobile device security, and social media security. Mr. Gupta explained the various security challenges associated with cloud computing, mobile devices, and social media platforms. He also discussed the best practices that individuals and organizations can follow to protect their data and systems from cyber threats.

Day5:

On the final day of the programme, the participants were given hands-on training on Cyber Security tools and techniques. They were provided with a simulated environment to learn about cyber-attacks and how to defend against them. The interactive session allowed the participants to clarify their doubts and queries regarding Cyber Security.

Glimpses of the Faculty Development Programme on 4th-8th Aug 2020