MASTER OF SCIENCE

(MSc) IN CYBER SECURITY

DURATION: 2 Years

This programme is accredited by the HEC.

COURSE HIGHLIGHTS

- Careers in cyber security and ethical hacking is in a trending phase now due to the high risk of cyber-attacks
- This programme is designed for students who wish to specialise in Cyber Security and Ethical Hacking
- This programme is designed to meet the demands imposed by the changing corporate needs in Ethical hacking, Network Security, and the concurrent challenges in investigating Cyber Crimes
- This Master programme offers the students a rigorous technical skill on cyber security, intrusion testing of applications and methods in conducting cyber investigation

MODULES

- Network Security and Cryptography (S1)
- Information Systems Security (S1)
- Information Risks and Control (S1)
- Intrusion Detection Systems (S2)
- Digital Forensics & Investigation 1 (S2)
- Digital Forensics & Investigation 2 (S3)
- Mobile & Wireless Network Security (S3)
- Introduction to Blockchain Technology (Elective)
- Robotics & Process Automation (Elective)
- Introduction to Digital Marketing (Elective)

CAREER OPPORTUNITIES

- SECURITY ENGINEER
- INFRASTRUCTURE SECURITY ENGINEER
- SECURITY, HOSTING AND APPLICATION ENGINEER
- SECURITY MANAGER
- IT AND SECURITY AUDITORS
- PENETRATION TESTING ENGINEER

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