MASTER OF SCIENCE

(MSc) IN CYBER SECURITY

DURATION: 2 Years

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 (Sem1)

Information Systems Security (Sem1)

Business Research Methods (Sem1)

Information Risks and Control (Sem2)

Digital Forensics & Investigation 1 (Sem2)

Ethical Hacking & Tools (Sem2)

Intrusion Detection Systems (Sem3)

Digital Forensics & Investigation 2 (Sem3)

Mobile & Wireless Network Security (Sem4)

Introduction to Blockchain Technology (Elective)

Digital Security Landscapes (Elective)

Industrial Espionage & Cyber Warfare (Elective)

Cyber Operations and Quality Management (Elective)

Robotics & Process Automation (Elective)

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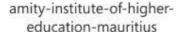
- **SECURITY ENGINEER**
- **INFRASTRUCTURE SECURITY ENGINEER**
- **SECURITY, HOSTING AND APPLICATION ENGINEER**
- **SECURITY MANAGER**
- **IT AND SECURITY AUDITORS**
- **PENETRATION TESTING ENGINEER**