

POST GRADUATE ENTRANCE EXAMINATION
2017 – 2018 ADMISSIONS

MSc. In Cyber Security

Syllabus

1. Information technology-hardware-computer peripherals, storage technologies, computer software, operating system and security, programming languages, global information society, information systems.
2. Web technologies, data communication & secured Networks, OSI model, TCP/IP, IP Addresses, Data base management. E-commerce.
3. Cybercrime- computer intrusions and attacks, computer virus, time bombs, Trojans, malicious code –online fraud and identity theft, pornography, international aspects and jurisdiction, Information Security-Risk Management, digital evidence, surveillance, information warfare, cyberterrorism, National security
4. Cyber Security assessment testing: security testing of web based systems, analysis for regularity compliance and standards, cloud security
5. Social Network: Introduction to social network, information and influence propagation on networks, social media mining, facebook , twitter etc.


15/12/2017