



## Information Brochure

# MBA in Cyber Security Management

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MBA in Cyber Security Management is offered by School of Management Studies and is a two years full time master's level program for the aspirants wishing to focus on Cyber Security, processes and practices designed to protect networks, device, program and data from attack, damage or unauthorized access. For a long time, Cyber Security Management focused primarily on prevention. Prevention Strategies focus on internal risk. Cyber Security Management is more than installing firewalls. It is a crucial piece of any organization. Without it an organization risks the loss of revenue and customer trust. The cost of cyber security breach is huge to any organization, if the Cyber Security is not properly managed by the organization. The best way to do that is through employing professionals and training them regularly to manage the cyber security of the organization.

The MBA in Cyber Security Management program will help the students to prepare and implement the strategies for Cyber Security in the organization. The graduating student of this program will become an expert in effective implementation and monitoring of the Security Controls and Cyber Security Plan. They will be well versed in the selection of security controls, aligning controls with important data that is to be protected, prioritize the control to be implemented in first design security controls and also train the employees and users affected by controls.

## Course Structure

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### Semester – I

- Paper – 1: Principles of management
- Paper – 2: Corporate Communication & Organizational Behaviour
- Paper – 3: Accounting for managers
- Paper – 4: Managerial economics
- Paper – 5: Introduction to forensic science & law
- Paper – 6: Networking Fundamentals

### Semester – II

- Paper – 1: Management process
- Paper – 2: Digital Forensics
- Paper – 3: Cyber Law and Regulations
- Paper – 4: Fundamentals of Cyber Risk Management
- Paper – 5: Malware Analysis and Incident Response
- Paper – 6: Vulnerability Assessment and Penetration Testing

### Semester – III

- Paper – 1: Mobile Forensics
- Paper – 2: Modern Cryptography and Blockchain
- Paper – 3: Cyber Security Auditing and Compliance
- Paper – 4: Cyber Security Governance and Management
- Paper – 5: Entrepreneurship
- Paper – 6: Minor Project

### Semester – IV

- Internship / Project / Dissertation

## Admission Procedure

**Program:** MBA in Cyber Security Management (Full Time)

**Intake:** 30

**Duration:** 2 years (4 Semesters)

### Eligibility for Admission:

**Students seeking admission to the above-mentioned program must fulfill the following criteria:**

B.E./B.Tech (Computer Engineering/ Computer Science and Engineering/ Information Technology/ Information and Communication Technology/ Electronics and Communication) with a minimum of 55% marks in aggregate.

OR

B.Sc. in Information Technology / Computer Science B.Sc. in Forensic Science with cyber forensics or computer forensic or cyber security with a minimum of 55% marks in aggregate.

OR

BCA with a minimum of 55% marks in aggregate.

OR

Any graduate with specialization with computer science or information technology or computer application with a minimum of 55% marks in aggregate.

For reserved category, minimum of 50% marks in aggregate (as per Government norms).

### Admission Procedure:

The Admission will be given on the basis of entrance exam conducted by National Forensic Sciences University / Based on merit prepared considering percentage in Bachelor's Degree.

### Details of Entrance Exam:

The syllabus of entrance test is divided into two parts:

60% would consist of General Knowledge, Logical Reasoning and Aptitude, Mathematical Reasoning, Data Interpretation, Information and Communication Technology (ICT), Communication etc.

40% will be related to Fundamentals of Management subjects namely Principles of Management, Financial Management, Marketing Management, Human Resource Management, Strategic Management, Business Statistics, Business communication and Fundamental of Computer Science etc.

The eligible candidates shall be required to appear in Entrance Test consisting of 100 multiple choice questions (MCQ) carrying a total 100 marks covering the syllabus prescribed for the concerned subject/program. There will be no negative marking.

### Fees Structure:

Semester Tuition Fee: Rs. 60,000/- per semester + Other University fees