# Maharaja Agrasen Institute of Management Studies

(A unit of Maharaja Agrasen Technical Education Society)
**Affiliated to GGSIP University; Recognized u/s 2(f) of UGC**
Recognized by Bar Council of India; ISO 9001: 2015 Certified Institution
Maharaja Agrasen Chowk, Sector 22, Rohini, Delhi - 110086, INDIA
Tel. Office: 8448186947, 8448186950  www.maims.ac.in

**Courses offered: BBA, B. Com(H), BA(H) Economics, BA(JMC), BALLB, BBALLB, LLM**

*Maharaja Agrasen Institute of Management Studies (GGSIPU)*

*Department of Commerce*

*Organizes*

**Value Added Course**

**On**

**"CYBERSECURITY"**

**September – November 2019**

**Starting on September 2, 2019**

## Key Highlights:

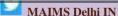Insights into Cyber Security

- Elevate foundational knowledge on

Cybercrime and aspects of security Certification of Completion
- Certificate of Excellence for top three
- Students
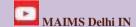Registration Charges: Rs. 2500/- (for External students & Nil( for internal students)

### *REGISTER NOW!!*

**Last date for registration: August 30, 2019**

## About the course

Cyber security is a discipline that covers how to defend devices and services from electronic attacks by nefarious actors such as hackers, spammers, and cybercriminals. While some components of cyber security are designed to strike first, most of today's professionals focus more on determining the best way to defend all assets, from computers and smartphones to networks and databases, from attacks. In today's digital world, one cannot ignore cybersecurity. One single security breach can lead to exposing the personal information of millions of people. These breaches have a strong financial impact on the companies and also loss of the trust of customers. Hence, cyber security is very essential to protect businesses and individuals from spammers and cyber criminals.

The course is designed for those who want to learn cyber security. This program aims to explain the current cyber security scenario and help learn relevant tools to manage and evaluate security protocols in computer systems. The program offers a deep insight into the fundamentals of cyber security with specially curated videos that make it easy to learn.

## Course Objectives

The main objectives of the course are:

- To familiarize students with current cyber security landscape.
- Gain insights into relevant tools to assess and manage security protocols in information processing systems.
- Develop knowledge on Cloud Security
- To make students acquainted with the process of identifying potential risks, assess the impact, and respond effectively to cyber threats.

## Course Outcomes

At the end of the course, participants should be able to:
- Student will be able to get familiar with concept of cyber-crime and its impact
- Will be able to know about the various ways through which such cybercrimes are executed
- Will be able to Understand the concept of Information Security
- Will be able to get familiar with the technical terms related to cyber security.

## Program Details
- Commencement date: $2^h$ September 2019.
- There will be minimum 15 Sessions of 2 Hour each.
- The sessions will be conducted on Monday, Wednesday and Friday
- Class timings will be 2:30 pm – 4:30 pm.
- After the completion of course, feedback will be collected from the participants.
- Minimum 75% attendance is required to obtain the certificate.

## Who can attend?
- The student training programme would enable the students is to equip students to be able to demonstrate the necessary financial knowledge, tools and techniques necessary for the application of finance for development. Any student of Commerce and Management from MAIMS/MAU/MAIT and from other intuitions will be eligible to attend the program.
- Limited seats are available on first cum first served basis.

## Certification

● Certificate of Completion will be issued to successful students.

## Course Content

The course is organized in modules and each module covers a reasonable content to enable participants connect and progress successively in the next modules.

**MODULE 1: Introduction to Information Security**
- Security and risk management
- Network security
- Identity and access management

**MODULE 2: Introduction to Cyber Security**
- Provide basic know-how of the present-day cyber security landscape
- Familiarize with relevant tools to assess and manage security protocols in information processing systems

**MODULE 3: Cyber Security Fundamentals**
- Security Policies & Procedures
- Cybersecurity Mitigation methods

**MODULE 4: Information System Governance & Risk Management**
- Information Security Governance
- Information Security Programs

**MODULE 5: Risk Management**
- Basic Introduction to risk management at the time of cyber threat

**MODULE 6: Incident Management**
- Developing an Incident Management & Response System

**MODULE 7: Cloud Security**
- Concept of Cloud Security
- Key features of Cloud Security

**MODULE 8: Disaster Recovery**
- Business Continuity and disaster recovery

**MODULE 9: Key impacts of cyber crime**
- Impacts of cybercrime and identifying loss

**MODULE 10: Popular Attacks- Hacker's Motivation**
- Motivation to implement a secured cyber security strategy
- Hacker's motivation to break into the system

**MODULE 11: Popular Attacks**
- Ransomware
- Botnet attacks
- Social engineering attacks
- Cryptocurrency hijacking
- Phishing attacks

# Requirements for Issue of Certificate

- 80% or more attendance.
- Submission of solutions/answers of all assignments.
- Submission of all weekly feedbacks
- Good performance in all MCQ based tests.

# Organizing Team

## PATRONS

**Prof. M.K Bhat**
**Director , MAIMS**

## Convener

**Ms. Rachita Aggarwal**
(Assistant Professor, Dept. Of Commerce)

## Registration

**Last Date of Registration: August 30, 2019**

## Payment Details:

**Account No: 604201010050168  IFSC Code: UBIN0560421**
**Branch- Rohini Sector 22**

For more details feel free to contact: Prof.(Dr.) Manju Gupta
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