

Date : 22 Jan 2019

To,
Director,
CIMDR, Sangli

Dear Sirs,

As per the discussion with you forwarding the details of the course your esteemed institute wants to start.

The course is framed keeping the target audience of BBA, BCA, MCA and other business and self-entrepreneurs who wants to protect their information system from various cyber-attacks

Introduction -

In today's world where the network has become a backbone of business organization, depend on different kinds of Information Technology solutions like e-commerce, e-governance, e-learning, e-banking etc.. All these communications must be secured and under control since the information stored and conveyed is ultimately an invaluable resource of the business. Securing vital resources and information in the networking world, is the most challenging task for system enterprise.

Many entrepreneurs still don't realize that their businesses are just as at risk for cyber-attacks and data breach as like larger companies. According to a report by Verizon, 61 percent of data breach victims were small businesses. With the growing risk from Ransomware such as WannaCry, Petya and NotPetya every business needs to focus on Cyber security. This course is aimed at **business professionals and who intend to be a part of business**. It is not aimed at really technically savvy people but rather people that want to focus on their business security (cyber) and to make sure they are protected. By improving the knowledge and applying actionable steps it will help the business to improve their Cyber Security.

This course will also help to identify the risks associated with information system and to bridge the Information Security risk management approach with the overall business strategy

TITLE : Information and Cyber Security for Business

TYPE : Certificate Course (4 months – 4 days /week, 1.5 hrs/day) –

Yearly 2 batches – July – October (exam in Nov) and January to April (Exam in MAY)

COURSE STRENGTH – 25 Students

COURSE OBJECTIVE

- After the completion of the course, the participant will be able to develop basic understanding of security, cryptography, system attacks and defense.
- They will also be able to understand the legalities of cyberspace.
- They will be able to understand, appreciate, employ, design and implement appropriate security technologies and policies to protect computers and digital information

IT WILL COVER:

- What business needs to protect.
- What an attacker hopes to gain.
- Main methods of attack
- Steps to defend your business.
- How to improve the Security posture of business
- Legal concepts relative to cyber security.

ELIGIBILITY

Candidates must have passed the 12th standard examination in any discipline or its equivalent.

MEDIUM OF EXAMINATION:

Examination will be conducted in English only.

PATTERN OF EXAMINATION & PERIOD

- Question Paper will contain 120 objective type multiple choice questions for 100 marks.
- The examination will be held in Off-line Mode only.
- There will NOT be negative marking for wrong answers.
- Examination will be conducted on pre-announced dates after the end of the course.

- The students who fail to attempt the examinations will have to reappear for the exams after next date is announced.

DURATION OF EXAMINATION:

The duration of the examination will be of 2 hours.

EXAMINATION FEES:

First Attempt	Rs 800/-
Subsequent every Attempt	500/-

TUITION FEES:

Rs 9000/-

CERTIFICATION:

The Joint Certificate will be issued after successful completion of the course.

TARGET AUDIENCE

- Students who are pursuing BCA, BBA, BCS, MBA degree
- Students who want to be in IT security domain
- Anyone who is NOT a programmer or engineer, but rather a small business owner or manager.
- Business owners that want to improve their Security practice

COURSE CONTENT

- **Introduction to Information Security**
Basics, Information Security principles, Terms, concepts
- **Cyber Crimes and Cyber Security**
 - Cyber Crime : Concepts and Techniques
 - Types – Financial and other Cyber Crimes
 - Cyber Security - Concepts, Threats, Risks and Measures
 - System Vulnerability and abuse
 - Technologies and Tools for Protecting Information Resources
 - Security management.
 - **Computer Fraud Protection**

- Electronic Payment System and Frauds
- Prevention & Detection Controls
- Mitigation, Cryptography
- **Cyber Laws & Regulatory Compliance:**
 - Cyber Law in India
 - Cyberspace Regulations

Following POINTS should be pondered.

- a. This course is designed by CYBERjurix – Institute of Cyber Forensics, law and Research, Sangli, for CIMDR, Sangli
- b. All the rights of the course (content) will be reserved by CYBERJurix, Sangli.
- c. The faculty and training staff will be arranged by Cyberjurix.
- d. The financial aspects
 - i. Cyberjurix share – 60%
 - ii. CIMDR – 40% + EXAM FEES
- e. The necessary infrastructure (classroom,, projector etc.) will be arranged by CIMDR.
- f. The course should run for minimum 6 batches. (yearly 2 batches)
- g. The MOU should be signed mentioning all the necessary points for smooth execution of the course.

Any other points will be discussed during the finalization.