

TECNIA INSTITUTE OF ADVANCED STUDIES

Grade 'A' Institute

Department of Information, Communication & Technology

Master Of Computer Applications (MCA)

Scheme and Syllabus (w.e.f. Academic Session 2020-21 onwards)

Course Code: MCA-253

Course Name: Cyber Security and Cyber Laws

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LEARNING OBJECTIVES

In this course, the learners will be able to develop expertise related to the following: -

1. Fundamentals of cyber security and related safeguards.
2. Cyber threats and vulnerabilities.
3. Securing web applications.
4. Cyber Laws, Cyber Forensics and IPR.

PRE-REQUISITES

Knowledge of computer basics and computer networks

COURSE OUTCOMES (COs)

After completion of this course, the learners will be able to:

CO#	Detailed Statement of the CO	BT Level	Mapping to PO #
CO1	Demonstrate computer technologies, digital evidence collection, and reporting in forensic acquisition.	BTL2	PO1, PO2
CO2	Apply strategies of using information as a weapon and a target	BTL3	PO1, PO2, PO3, PO5
CO3	Identify the principles of offensive and defensive information warfare for a given context.	BTL3	PO1, PO2, PO3, PO4, PO5, PO6, PO10
CO4	Analyze the social, legal and ethical implications of information warfare.	BTL4	PO1, PO2, PO3, PO4, PO5, PO6, PO10
CO5	Appraise key terms and concepts in cyber law, intellectual property and cybercrimes, trademarks, domain theft and Cyber Forensics.	BTL6	PO1, PO2, PO3, PO4, PO5, PO6, PO7, PO8, PO9, PO10, PO11