

GUJARAT TECHNOLOGICAL UNIVERSITY

M.E. Computer Engineering (IT Systems and Network Security)

Semester: III

Subject Name: **Cyber Forensics**

Subject Code: **735101**

Course Content:

What is Cyber Forensics?, Traditional “post-mortem” forensics, Cyber crime & Cyber, Taxonomy of Computer Crime scene, Computer Forensics Involves , Preservation, Goals of Forensics Analysis, Cyber forensics Procedures, Forensic duplication, Incident Notification Checklist, Slight diversion, Encoding And Encryption

Computer Forensics, Cyber Forensics Tools and Utilities, Forensic Acquisition Utilities (FAU), Concealment Techniques, Forensic Implications, Digital Forensics Laboratory, Forensics Implications, Privacy and Cyber Forensics, Forensic value and corporate Exposure, Cyber Forensics and the Law, Cyber Forensics and the Investigating Criminal Behaviour, Electrically Stored Information and Cyber Forensics

Text Book:

1. Cyber Forensic Concepts and Approaches, B. Ravi Kumar Jain/ ICFAI, University Press

Reference Book:

1. CYBER SECURITY:

Understanding Cyber Crimes, Computer Forensics and Legal Perspectives by Nina Godbole, Sunit Belapure