



BUNDELKHAND UNIVERSITY, JHANSI

SYLLABUS FOR POSTGRADUATE COURSES (Minor -1)

(Open elective paper except science Discipline Students)

Title of paper: **Cyber Crime**

Type: Elective

Total Credit: 04

Total hours: 50 L

UNIT-I	Overview: Introduction to Computer Network, Cyberspace, Introduction to Cyber Security, Basic principles of Cyber Security. Introduction to Cyber Crime, Types of Cyber Crime, Cyber Squatting, Cyber Espionage, Cyber Warfare, Cyber Terrorism, Cyber Defamation. Cyber Attacks and its types, Phases of Cyber Attacks, Vulnerability, Threats, Digital Signature, Spoofing, phishing, Spamming, Cyber Bullying and harassment, Cyber Stalking, Password Sniffing.	
UNIT-II	Cyber Laws and Standards: Intellectual Property Rights, Patent, Copyright, Trademark. Regulatory Framework of Information and Technology Act 2000 ,Cyber Laws and Standards, IT Act, Cyber Crime against Person, Cyber Crime against Organization Penalties and Compensation, Objective, Applicability and Jurisdiction	
UNIT-III	Risk Management and Financial Fraud Investigation: Ethical Hacking, Auditing, Risk Management and Financial Fraud Investigation. Method and Principles. Classes or Types of Risk. Process, Mitigation, Potential Risk Treatments, Risk Management Plan. Implementation, Limitation.	
References		
<ol style="list-style-type: none"> 1. Dr. M. Dasgupta: Cyber Crime in India. 2. Justice Yatindra Singh: Cyber Laws, Universal Law Publishing Co., New Delhi. 3. Pawan Duggal: Cyber Law- the Indian perspective Universal Law Publishing Co., New Delhi. 4. "Intellectual Property Law in India" by Justice P.S. Narayana. 5. "Cyber Crime and Fraud Management" by Indian Institute of Banking and Finance. 6. "Prevention of Cyber Crime and Fraud Management" by Indian Institute of Banking and Finance; M.K Geeta and Mr. Swapna Raman. 7. "Cyber Security: Understanding Cyber Crimes, Computer Forensics and Legal Perspectives", Wiley Publications, 2011 by Nina Godbole and Sunit Belapore. 		