

**BHAGWAN MAHAVIR UNIVERSITY, SURAT**

**S.Y B.M.S (Bachelor of Management Studies)**

**1060205301 - CYBER CRIMES AND CYBER SECURITY**

**Second Year BMS**

**Semester – III**

<b>Subject Name</b>	Cyber Crimes and Cyber Security
<b>Subject Code</b>	1060205301
<b>Objectives</b>	<ul style="list-style-type: none"><li>• To create awareness about cyber crimes and cyber security</li><li>• To know how to secure oneself from cyber crimes</li></ul>
<b>Subject Outcome</b>	<ul style="list-style-type: none"><li>• To explore conceptualization of cyber crimes and security</li><li>• To have an extensive knowledge of the types and history of cyber crimes</li></ul>
<b>Course Duration</b>	The course duration is of 45 sessions of 60 minutes each.
<b>Teaching Methods</b>	The course will use the following pedagogical tools: (a) Lectures and Discussions (b) Assignment/Activities/Quiz/Class participation/Case studies
<b>Evaluation</b>	Continuous Evaluation
	<b>Internal Assessment - (30 Marks)</b> Internal Exam/Assignments/Quiz/Class participation/Attendance, etc. <b>External Assessment - (70 Marks)</b>

**Course Content**

<b>Unit-1</b>	<b>INTRODUCTION TO CYBER CRIMES</b>	<b>20%</b>
	1.1 What are Cyber Crimes? 1.2 What are Conventional and Non-conventional Crimes? 1.3 What is Cyber Law? 1.4 What is Cyber Security? 1.5 Who are Cyber Criminals? 1.6 Classification of Cyber Crimes Jurisdiction and Sovereignty 1.7 History of Cyber Crimes 1.8 Cyber Crime Investigation Cell	

<b>Unit-2</b>	<b>INTRODUCTION TO SECURITY</b>	<b>15%</b>
	2.1 What is Security? 2.2 Security Models (CIA Triad)	
<b>Unit-3</b>	<b>CYBER CRIMES MENTIONED UNDER IT ACT AND ATM FRAUDS</b>	<b>35%</b>
	3.1 Cyber Terrorism 3.2 Firewalls 3.3 Key loggers and Spyware 3.4 Password Cracking 3.5 Hacking 3.6 E-mail Bombing 3.7 Salami Attacks 3.8 Spoofing Attack 3.9 Forgery Fraud and Types of Frauds 3.10 Social Engineering 3.11 Phishing 3.12 Money Laundering 3.13 Child Pornography 3.14 Denial of Service Attack 3.15 Cyber security in terms of smartphones	
<b>Unit 4</b>	<b>CYBER SECURITY, CYBER FORENSICS, INFORMATION TECHNOLOGY ACT, 2000.</b>	<b>30%</b>
	4.1 Introduction to Cyber Forensics 4.2 Regulations Appellate Tribunal (As Amended by the Information Technology (Amendment) Act, 2008 w.e.f. 27-10-2009 (case studies)	

**Text Book :**

1. Heena T Bhagtani, "Cyber Crimes and Cyber Security", Himalaya Publishing House