



**Bachelor of Business Administration**  
**B.B.A (ISM) Semester-III**

Course Code		Title of the course	Ethical Hacking
Total Credits of the course	3	Hours per week	3

<b>Course Objectives:</b>	At the end of the course, the students will be able to: 1. Build an understanding of the fundamental concepts of computer Hacking. 2. Familiarize the student with the basic taxonomy and terminology of the computer Hacking area.
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Course Content			Weightage
Units	Description		
Unit – 1	Security Concepts	What is Security? – Importance of Security – Essential Terminologies – Elements of Security – What does a Malicious Hacker do? – Hacker Classes - Cryptography	25%
Unit – 2	Cyber Attacks:	DoS Attack – Goal of DoS – Types of DoS Attacks – Botnets: Use and Types – DDoS Attack – Session Hijacking – Spoofing vs Hijacking – TCP/IP Hijacking – IP Spoofing – Other Cyber Crimes	25%
Unit -3	Casing the Establishment:	Casing the Establishment: Footprinting: What is Footprinting?, Internet Footprinting – Scanning: Services, System, Fingerprinting – Enumeration: Banner Grabbing, Common Network Services	25%
Unit-4	Hacking Windows:	Unauthenticated Attacks – Authenticated Attacks – Windows Security Features – Wireless Hacking	25%





<b>Teaching-Learning Methodology</b>	<ul style="list-style-type: none"><li>➤ White Board</li><li>➤ Presentation</li><li>➤ Video</li></ul>
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**COURSE OUTCOMES:**

<b>1</b>	After completing this course the student must demonstrate the knowledge and ability to: <ol style="list-style-type: none"><li>1. Independently understand basic computer Hacking.</li><li>2. Understand and explain virus and its anti virus components.</li><li>4. Enumerate the layers of the OSI model and TCP/IP. Explain the function(s) of each layer.</li><li>5. Identify the different types of Virus and their functions .</li></ol>
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