

**I.T in Management**

<b>Semester III</b>	<b>Subject Code: BB31606</b>	<b>Lectures: 60</b>
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**Objectives:**

The syllabus aims in equipping students with,

- Understanding the role of I.T in Management
- Learning the basics of operating system
- Knowing the current happenings

<b>Unit 1: Managing Hardware and software Assets</b>	<b>08</b>
<ul style="list-style-type: none"> <li>• Computer Hardware and Information Technology Infrastructure</li> <li>• Categories of Computers and Computer System</li> <li>• Types of Software's</li> <li>• Managing Hardware and Software Assets</li> </ul>	

<b>Unit 2: Managing Data Resources</b>	<b>06</b>
<ul style="list-style-type: none"> <li>• Organizing Data in a Traditional File Environment</li> <li>• The Database Approach to Data Management</li> <li>• Database Trends</li> </ul>	

<b>Unit 3: Networking</b>	<b>12</b>
<ul style="list-style-type: none"> <li>• Concept, Basic elements of a Communication System, Data transmission media, Topologies, LAN, MAN, WAN, Internet</li> <li>• Current Trends in IT Management             <ul style="list-style-type: none"> <li>➤ Use of Social Networks in Business.</li> <li>➤ Use of ICT enabled application in Business</li> </ul> </li> <li>• Security threats</li> </ul>	



Unit 4: The Internet and the New Information Technology Infrastructure:	12
<ul style="list-style-type: none"><li>• The IT infrastructure for the Digital Firm</li><li>• The Internet: The IT infrastructure for the Digital Firm</li><li>• The World Wide Web (design a case study to understand the requirement of</li><li>• IT infrastructure in management of business)</li></ul>	

Unit 5: Understanding the Business values of System and Managing Change:	10
<ul style="list-style-type: none"><li>• Understanding the Business Values of Information System</li><li>• The Importance of Change Management in Information</li><li>• System Success and Failure</li></ul>	

**\*Contact hours – 12 hours**

Recommended Text Book:
<ul style="list-style-type: none"><li>✓ 1. <i>IT in Management</i>, Prof Gautam Bapat Nirali Prakashan Publication 2014</li><li>✓ 2. <i>IT in Management</i>, Prof Sayed Mudassar Nazir, Thakur Publication</li></ul>

Reference Books:
<ul style="list-style-type: none"><li>1. P.K. Sinha&amp;PritiSinha, <i>Computer Fundamentals</i>, 3<sup>th</sup> edition BPB</li><li>2. S. BasandraGalgotia Pub, <i>Computers Today</i> Galgotia</li><li>3. W.S. Jawadekar, <i>Management Information System</i> Tata Mca.</li><li>4. Kenneth Laudon, <i>Management Information System</i> PHI</li></ul>

