

# B.Voc. in IT/ITes/Software Development

## Course Curriculum

<b>First Semester</b>	<ol style="list-style-type: none"><li>1. Communication Skills in English</li><li>2. Introduction to IT</li><li>3. Fundamentals of Computer and Software Development</li><li>4. Programming in 'C' Language</li><li>5. Project– I (Based on MsOffice)</li><li>6. Software Lab- I</li><li>7. Software Lab- II</li></ol>
<b>Second Semester</b>	<ol style="list-style-type: none"><li>1. Fundamentals of Windows and Server Administration</li><li>2. Mobile and Wireless Technologies</li><li>3. Internet &amp; Web Development</li><li>4. Data Structure Through 'C'</li><li>5. Project – II</li><li>6. Software Lab – III</li><li>7. Software Lab – IV</li></ol>
<b>Third Semester</b>	<ol style="list-style-type: none"><li>1. Cloud Computing</li><li>2. Basics of Data Communication</li><li>3. E-Commerce</li><li>4. Object Oriented Programming in C++</li><li>5. Object Oriented Programming in Java</li></ol>

	6. Software Lab – V 7. Software Lab – VI
<b>Four Semester</b>	1. Discrete Mathematics 2. Human Resource Management 3. Introduction to RDBMS & SQL 4. Net Programming 5. Software Lab – VII 6. Software Lab – VIII 7. Industrial Training/ Mini Project-III
<b>Fifth Semester</b>	1. Environmental Studies 2. Entrepreneurship Development 3. Management Information System
	4. Computer Networks 5. PHP Programming 6. Software Lab –IX 7. Software Lab – X
<b>Sixth Semester</b>	1. EHS 2. Software Engineering 3. Cyber Security 4. Internship & Final Project- VI