

<b>Course Code: EIPS - 114</b>		
<b>Course Title: Computer Networking- II Lab</b>		
<b>Number of Credits: 03</b>	<b>Total Hours: 84</b>	<b>Total Marks: 75</b>
<b>Prerequisites for the course</b>		
Student should know to use the computer.		
<b>Objectives of Course</b>		
<ol style="list-style-type: none"> <li>1. To introduce the basics of computer networking– concepts, theory</li> <li>2. To Identify different network components and tools</li> <li>3. To know techniques of crimping and punching</li> <li>4. To implement cable testing</li> <li>5. To implement small group of computer networking</li> <li>6. Install and configure basic home appliances</li> </ol>		
<b>Lab Content</b>		
<b>Exp.1 :</b> Introduction to different tools of computer network <b>Exp.2 :</b> Introduction to different components/devices of computer network <b>Exp.3 :</b> Understand the network on the campus <b>Exp.4 :</b> To implement Crimping <b>Exp.5 :</b> To Implement Punching <b>Exp.6 :</b> Cable Testing <b>Exp.7 :</b> Study of different types of networking cables <b>Exp.8 :</b> Study of basic network command and Network configuration commands. <b>Exp.9 :</b> Create a Small Physical Network using Computers, Network Connecting Devices and cables <b>Exp.10 :</b> Install &Configure a Peer to-Peer Network using Windows <b>Exp.11 :</b> Connect computers using Bluetooth, WI-FI, hotspot. <b>Exp.12 :</b> Study of network IP <b>Exp.13 :</b> Install and configure basic home networking appliances		
<b>Pedagogy</b>		
Experiments		
<b>Course Outcome</b>		
On completion of the course, students will be able to: <ol style="list-style-type: none"> <li>1. Identify different network components and tools</li> <li>2. Implement crimping and punching</li> <li>3. Implement cable testing</li> <li>4. Implement basic communication between local PCs</li> <li>5. Install and configure basic home appliances</li> </ol>		