

Course Code: EIPG - 108		
Course Title: Computer Maintenance and Troubleshooting- Hardware Lab		
Number of Credits: 03	Total Hours: 84	Total Marks: 75
Prerequisites for the course		
Students should know the basics of computer Hardware		
Objectives of Course		
The Objective of this course is		
<ol style="list-style-type: none"> 1. To make the students capable to understand the functioning of hardware parts 2. To develop skills in diagnosing the faults 3. To troubleshoots the computer system 		
Lab Content		
Exp.1 : Study assembling and disassembling the PC. Exp.2 : Study computer I/O ports. Exp.3 : Identify the on-board features of the motherboard and installation of drivers and hardisk. Exp.4 : Study of components of power supply (SMPS). Exp.5 : Perform formatting of Hard Disk. Exp.6 : Installation of Computer Input devices and troubleshooting. Exp. 7 : Installation of Computer Output devices and troubleshooting. Exp.8 : Preventive Maintenance of Computers.		
Pedagogy		
Experiments		
Course Outcome		
On completion of the course, students will be able to: <ol style="list-style-type: none"> 1. Understand Basics of Hardware Components. 2. Acquire knowledge of Finding Faults in Components 3. Install, Configure and maintain various components in computer system and peripherals. 4. Diagnose faults of Different Component 5. Repair and maintain computer system and its peripherals. 		