

Sr. No.	Practicals
1	<p>Introduction to Computer Hardware</p> <ul style="list-style-type: none"> <li>• Definition of computer, Computer Hardware, Software and Firmware.</li> <li>• History of computer, Classification of computer.</li> <li>• Basic parts of Digital computer, General faults of computer system.</li> </ul>
2	<p><b>INPUT/OUTPUT Device</b></p> <ul style="list-style-type: none"> <li>• Display Unit <ul style="list-style-type: none"> <li>▪ Monitor (pixel, resolution etc.), Laptop, I-pad, Notepad</li> </ul> </li> <li>• Keyboard and Mouse <ul style="list-style-type: none"> <li>▪ Wired and Wireless</li> </ul> </li> <li>• Printer <ul style="list-style-type: none"> <li>▪ Dot Matrix printer, Inkjet printer, Laser printer.</li> </ul> </li> <li>• Projector</li> </ul>
3	<p>PC Troubleshooting</p> <ul style="list-style-type: none"> <li>• Hardware Troubleshooting and Repairing</li> </ul>

<b>4</b>	Installation of Operating System <ul style="list-style-type: none"><li>• Windows XP/2007</li><li>• Linux</li></ul>
<b>5</b>	Connectivity to Local Area Network and Exposure on Internet and Usage of Internet.
<b>6</b>	Study and use of Laboratory Instrument such as Multimeter, Function generator, Power supply, CRO etc.
<b>7</b>	To study and Identification of electronic components and testing of various components. To find the unknown resistance using color code.
<b>8</b>	Study of various electronics tools.
<b>9</b>	Soldering & disordering practice, Study of PCB, PCB fabrication, Exercises based on fabrication & testing of small electronics circuits.
<b>10</b>	Mini project.