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|--|-------------------|------------------------------------|
| I  | SECTION CODE      | CS                                 |
| II   | SECTION NAME      | <b>COMPUTER TECHNOLOGY LAB</b>     |
| III  | COURSE CODE       | <b>CS-04</b>                       |
| IV   | COURSE TITLE      | <b>BASICS OF COMPUTER HARDWARE</b> |
| V  | DURATION          | 01 Week                            |
| IV   | <b>OBJECTIVES</b> |                                    |
| On completion of the course, the learner will be able to operate computer independently. |                   |                                    |

**VI Course Content :**

| <b>Theory topics</b>   | <b>Practical Topics</b>  |
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| Introduction to PC Hardware. Viewing the System Information<br>Introduction to Motherboards. Introduction to processors and memory. Power Supply, Booting process, BIOS settings and Beep codes.<br>Partitioning and Formatting the Hard Disk.<br>Loading the OS.<br>Introduction to Types of Keyboards, Mice, Monitors and Printers. Basic troubleshooting of a Desktop computer. | Using the Control Panel.<br>OS and Different types of Software.<br>Ports, connectors, buses and cases of Desktop Computers.<br>Assembling and disassembling a PC<br>Partitioning and Formatting the Hard Disk.<br>Loading the OS. Device Drivers and other Application Software.<br>Computer System maintenance, Upgrading, Security, Handling Viruses |