

# COMPUTER APPLICATION PRACTICALS

## DAY 1

### PRACTICAL NO 1

**Create a document in MS word that. describes basic design of a computer. Include sections for the CPU, memory and input/output devices with a brief description of each.**

#### *Basic Design of a Computer*

##### **1. Central Processing Unit (CPU)**

The CPU, or Central Processing Unit, serves as the brain of a computer, responsible for executing instructions and processing data.

##### **2. Memory**

Computer memory, both primary and secondary, is crucial for storing and accessing data.

##### **2.1 Primary Storage (RAM)**

RAM (Random Access Memory) is a type of volatile memory that the CPU uses to store data temporarily. It provides fast access to data for the CPU, but its contents are lost when the computer is powered off.

##### **2.2 Secondary Memory (Storage)**

Secondary memory, which includes Hard Disk Drives (HDDs) and Solid State Drives (SSDs), is used for long-term storage of data. Unlike RAM, data stored in secondary memory persists even when the computer is turned off. It's utilized for storing programs and files.

##### **3. Input/Output Devices**

Input and output devices enable users to interact with the computer system.

##### **3.1 Input Devices**

Input devices capture data and commands from users and transmit them to the computer for processing. Examples include keyboards, mice, touchscreens, and microphones.

##### **3.2 Output Devices**

Output devices display processed data or information to users. Examples include monitors, speakers, and projectors.