

SESSION : 4
CLASS : V
SUBJECT : COMPUTER
CHAPTER NUMBER:1
CHAPTER NAME :EVOLUTION OF COMPUTER
SUBTOPIC :TYPES OF COMPUTER

CHANGING YOUR TOMORROW

LEARNING OBJECTIVE :

To provide knowledge about different types of computer and their uses.

TYPES OF COMPUTERS:

Computers can be classified into the following types.

MICRO COMPUTERS

These computers are small in size and cheap.

They are usually designed for personal use, therefore, are also called Personal Computers.

They are mainly used in homes, schools, offices, shops, banks, etc. these computers are given different names according to their usage.

Example : Commodore 64, IBM PC.

Desktop Computers:

- These computers are designed to fit comfortably on top of desks.
- They typically come with several units, such as monitor, CPU, keyboard, and mouse, which are connected to each other and work like a single unit.



Laptop :

- These computers are small and can be placed on the lap.
- These are battery operated and portable.
- Laptops are more expensive than desktop computers.
- These computers are mainly used by business travelers.
- Laptops usually come with 13-15 inches screen.



Tablets :

- These computers are smaller and lighter than laptop computers but bigger than smart phones.
- Instead of a keyboard and mouse, tablets use touch sensitive screen for typing and navigation.
- Tablets generally have a screen size between 7-10 inches.



MINI COMPUTERS

These computers are bigger in size than the micro computers.

They have higher processing speed and are costlier than micro computers.

These computers can support 4 to about 200 users simultaneously.

They are used in banks, universities, and in any other big organizations.

Example : PDP-8.

MAINFRAME COMPUTERS

- These computers are very powerful.
- They are big in size and have a large memory and high speed.
- They are designed to tackle huge amount of data.
- More than hundred users can use a mainframe computer simultaneously.
- These computers are used in networked environment.
- Mainframe computers are very expensive and used in large business organizations, universities, banks, scientific laboratories, airline and railway ticket reservation, stock exchange market etc.
- **Examples** : IBM Z series, PDP-10, and System Z10.

SUPER COMPUTERS

They are the most powerful computers with a huge processing speed.

These computers are used for weather forecasting, space research, satellite control etc.

Example : CRAY-1, CRAY-2, PARAM, Tianhe-2, Sunway TaihuLight etc.

Main frame computer

Super computer

Types of computer

LEARNING OUTCOME:

Students will get knowledge about different types of computers .

THANKING YOU
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