**UNIT II**

**SESSION : 2**

**TOPIC : The computer Introduction**

**Industry/Tech: Computer Architecture Industry**

**Problem statement:** Introduction to computer

**Objective:** The different types of computer devices used to solve computer programs.

**Outcome :** Student will be able to understand the concepts of the computer devices..

**Class delivery plan**

| **Time in Minutes** | **Content** | **Student engagement technique** | **Skill covered** | **DT stage\*** | **Resource needed #** |
| --- | --- | --- | --- | --- | --- |
| 5 | Recap Introduction to human computer interface. | Discussion | Cognitive, Emotional, Social | What are the skills involved in human computer interaction? |  |
| 15 | Text Entry Devices  Design Focus :  Numeric Keypads  Positioning, Pointing, and Drawing | Random picker | Cognitive, Social, Emotional | 1.Show briefly about features of numeric keypad  2.Outline the pointing and drawing devices. |  |
| 15 | Display Devices  Design Focus :  Herms a situated display  Devices for virtual Reality and 3D interaction | Lecture | Cognitive, Emotional, Social | 1.What are display devices in HCI?  2.Illustrate Virtual Reality.  3. Analyze  the virtual reality with example. |  |
| 10 | Memory Processing and Networks  Design Focus :  The myth of the infinitely fast machines | Lecture | Cognitive, Social, Emotional | 1.Infer the short notes on memory processing  2. Classify the short notes on Myth of the infinitely fast machines. |  |
| 5 | Recap | Quiz | Cognitive, Emotional | What are examples of text input devices? |  |

**Project/ HW/ Assignment – assessment/evaluation plan**

| **Topic** | **Blooms levels** | **Assessment method** | **Resource needed** |
| --- | --- | --- | --- |
| Analyze the virtual reality with example | Analyze | Assignment on the devices of Virtual Reality and 3D | A4 Sheets |

### TEXT(S)

1. Text Book of Alan Dix Janet Finlay, Grecory D. Abowd Russell Bealc Human Computer Interaction.

REFERENCE MATERIALS

1. M.MORRIS MANO Digital Logic and Computer Design Prentice Hall of India Private Limited New Delhi 2008.

### E-RESOURCES

1. https://www.tutorialspoint.com

2. [https://www.javatpoint.com](https://www.javatpoint.com/finite-automata)