

## VIRTUAL REALITY WORKSHOP

**DATE: 7<sup>th</sup>, 8<sup>th</sup> April 2023**

**FEE: ₹1500/-**

**PREREQUISITES: Laptop, Unity software**

### Workshop Curriculum

#### Day 1

##### Theory

1. Introduction to Extended Reality (XR)
2. Basics of Virtual Reality (VR)
3. Hardware and Software requirements for VR

##### Hands on

1. Unity basics for VR
2. Simple Unity game to understand the basics
3. Bringing VR essentials into existing Unity box
4. Building a throw ball game

##### Student Task

1. To create a simple brick breaker game
2. To create a basic bowling game
3. To design and add menus to the bowling game

#### Day 2

##### Hands on

1. Teleportation and Locomotion
2. Optimization of VR applications for Quest 2
3. VR Sounds

##### Student Task

1. Escape room game
2. Ambient Scenery
3. Target Shooting

**Summary of all the learnings and Q&A session**