# MRU LATEST-1

**Department of Computer Science & Technology**

**Computer Graphics (CSH310B-T)**

**Course: B. Tech Semester: VI Session: 2021-22 Subject: Computer Graphics and Multimedia (CSH310B-T)**

***Tut: 01*** *Introduction to Computer Graphics and Devices*

***Objective:*** *To* *make the students to understand the basics of Computer Graphics and devices.*

***Course Outcome CO1*:** *Statement of CO1 from course plan*

***Blooms Taxonomy Level****: BT1, BT2*

1. What is meant by Computer Graphics?
2. What is meant by Interactive Graphics? Discuss the conceptual framework required for Interactive Graphics explaining the role of each of its components in detail.
3. Discuss all the applications of Computer Graphics.
4. If an image has height of 2 inches and an aspect ratio of 1.5, what is its width?
5. If we use direct coding of RGB values with 2 bits per primary color, how many possible colors do we have for each pixel?
6. The direct coding method is flexible in that it allows the allocation of different number of bits of each primary color. If we use 5 bits each for Red and blue and 6 bits for green, total of 16 bits per pixel, how many possible simultaneous colors do we have?
7. Discuss the limitations of Simple Raster Graphics Package.
8. Briefly discuss the input and output devices used in computer graphics.