**Course Name : Computer Graphics**

**Course Code: CS-21302**

**Course Outline:**

Overview of Computer Graphics;

Uses of Computer Graphics in various fields.

Drawing Elementary Figures.

Two dimensional Geometric Transformations and viewing;

Three dimensional Transformations and modeling.

Graphical User Interfaces (GUI)

**Course Learning Outcome:**

* **After successful completion a student should be able to**
  + **identify various application areas of the graphics**
  + **define basic terminology of computer graphics**
  + **differentiate various graphic areas**
  + **characterize output and input devices for their effective use in the area**
  + **understand and use various transformations**
  + **construct elementary shapes on computer**
  + **generate 3-D models on computer**