

LECTURE-01

Introduction to Computer Graphics



"It is an art of drawing pictures, lines, charts etc., on computer screen by using programming language."

→ In computer graphics objects are presented as a collection of discrete picture element

↳ pixel ⇒ smallest screen element

⇒ The user can edit graphic object with the help of keyboard, mouse or touch sensitive panel on the screen.

{ Graphic devices = I/p devices + display devices }

Advantages:

- High quality graphics display on p.c
- Provides tools to produce the picture
- Produce Animations
- using motion dynamic tool, user can make object stationary & the viewer moving around them.
- using update dynamic, it is possible to change the shape, colour or other properties of obj