

ITM(SLS) Baroda University
School of Computer Science, Engineering and Technology
B.Tech - Semester II
CET 1 Syllabus

Course Name : Computer Graphics
Course Code: C2210C3

<i>Sr. No.</i>	<i>Content</i>
1	Basic of Computer Graphics: Basic of Computer Graphics: Coordinate Systems, Graphics APIs; Display devices, Random and Raster scan systems, Graphics software and standards; Color models: properties of light, XYZ, RGB, YIQ and CMY color models
2	Graphics Primitives: Points, lines, circles and ellipses as primitives, scan conversion algorithms for primitives, Fill area primitives including scan-line polygon filling, inside-outside test, boundary and flood-fill