

Government Engineering College, Modasa
A.Y. - 2016-17, Odd Semester
2151603: Computer Graphics

PRACTICAL LIST

Sr. No	Definition
1	To study the various graphics commands in C language
2	WAP to draw a line using implicit representation $y = mx + x$
3	WAP to draw a line using parametric equation
4	WAP to draw a line using DDA Line drawing algorithm
5	WAP to draw a line using mid point line drawing algorithm
6	WAP to draw a circle using mathematical representation
7	WAP to draw a circle using polar equation
8	WAP to draw a circle using Mid Point circle drawing algorithm
9	WAP to draw an ellipse using mathematical equation
10	WAP to draw an ellipse using polar equation
11	WAP to draw an ellipse using mid point ellipse algorithm
12	Develop the C program for to display different types of lines
13	Perform the following 2D Transformation operation Translation, Rotation and Scaling
14	Perform the Line Clipping Algorithm
15	Perform the Polygone clipping algorithm
16	Perform the following tasks using MATLAB commands. - Read the grayscale and color image - Display images on the computer monitor - Write images in your destination folder.
17	Generate the complement image using MATLAB.