

Student Registration No.

E

**COURSE CODE: DCAP504**

**COURSE TITLE: COMPUTER GRAPHICS**

**Time Allowed: 2 hours**

**Max. Marks: 80**

**Distribution of Marks: Written-20, Viva-20, Execution-40**

**Set of Problems/Experiments:**

1. Write a program to perform 2D translation transformation.
2. Write a program to clip a line using Cohen-Sutherland clipping algorithm.
3. Write a program to draw a straight line using scan conversion.
4. Write a program to implement window to viewport mapping.
5. Write a program to implement Sutherland Hodgeman polygon clipping algorithm.