



# THE AMERICAN COLLEGE, MADURAI

(An Autonomous Institution Affiliated to Madurai Kamaraj University)  
Re-accredited (2<sup>nd</sup> Cycle) by NAAC with Grade “A”, CGPA – 3.46 on a 4-point scale

## Backlog Arrear Examination, March 2021

**COURSE NAME : COMPUTER GRAPHICS**

**COURSE CODE : COS 1486 /2473**

**Marks : 75**

**Answer ANY FIVE questions:**

**5X15=75**

1. Define Translation.
2. What is curve clipping?
3. Explain about 2D transformations with neat diagram.
4. Briefly explain Sutherland-Hodgemen polygon clipping.
5. Discuss 3D Rotation with neat diagram.
6. Explain the following operations:
  - i) Point clipping.
  - ii) Line clipping.
  - iii) Text clipping.
  - iv) Exterior clipping.
7. Explain the following in composite Transformations:
  - i) General pivot-point rotation.
  - ii) General fixed-point scaling.