1. Hearn Donald and Baker M. Pauline, —Computer Graphics C Version D. 2nd Edition, Pearson

2. Ashok Banerji and Ananda Mohan Ghosh, -Multimedia Technologies , 1st Edition, Tata McGraw Hill, 2010.

- 1. Jeffcoate, Judith, -Multimedia in Practice: Technology and Applications , 1st Edition, Prentice Hall
- 2. Foley James D., Van Dam, Andries, Feiner Steven K. and Hughes John F., -Computer Graphics: Principles and Practice , 2nd Edition, Pearson Education, 2005.
- 3. http://www.entheosweb.com/Flash/default.asp

## Course Outcomes:

On completion of the course the students will be able to

- Teach the fundamental concepts of computer graphics along with the output primitives
- Manipulate the 2D and 3D objects by applying the transformation, clipping and viewing from world to device coordinates
- Elaborate the various methods for detecting visible surfaces and color in a 3D scene
- Describe the theoretical foundation about the multimedia technology
- Design a 2D animations using multimedia components
- Make use of various graphics drawing algorithms for drawing 2D Primitives
- Experiment with transformation and clipping methods for deformation of 2D objects
- Design a multimedia website using basic multimedia elements

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