

## Teaching Plan

Name of the Faculty : Prof. Priti Sehgal

Name of the Course : Bsc(H) Computer Science

Semester : VI Sec (if any) : B

Title of the Paper : Computer Graphics

Month	Topics Covered	References
Jan	Introduction, Graphics H/W, Drawing primitives	2, 1
Feb	2D Transformations, 3D Transformations and Projections, Assignment	3
March	Curves, Visible Surface Determination Test	1
April	Surface Rendering, color models, Animation	2

Note: Student is supposed to complete at least one practical per week

### References:

1. Computer Graphics: Principles and Practice in C (2nd Edition) James D. Foley , Andries van Dam, Steven K. Feiner , John F. Hughes , Addison-Wesley Professional, 1995.
2. D.Hearn, Baker: Computer Graphics, (2<sup>nd</sup> Edition) Prentice Hall of India, 2008.
3. D.F.Rogers, Adams Mathematical Elements for Computer Graphics, McGraw Hill 2<sup>nd</sup> edition , 1989.

