

**Course:** COMPUTER GRAPHICS AND VISUALISATION LABORATORY (10CSL67)**SCHEME:** 2010**Academic Year:** 2016-2017**Sem:** 6

	Course Outcome	POs/ PSOs	CL	Class Sessions (approximate)	Tutorial (Hrs)	Lab Sessions (Hrs)
CO1	Apply 3D Sierpinski gasket algorithm to recursively subdivide a tetrahedron.	PO1 PSO3	AP	NA	NA	6
CO2	Implement Liang-Barsky and Cohen-Sutherland line-clipping algorithms.	PO1 PSO3	AP	NA	NA	8
CO3	Apply transformations and Perspective viewing on color cube, house objects.	PO1 PSO3	AP	NA	NA	8
CO4	Apply light and material properties on tea pot object	PO1 PSO3	AP	NA	NA	7
CO5	Implement scan line area filling algorithm.	PO1 PSO3	AP	NA	NA	7
CO6	Apply techniques of OpenGL to create new ideas.	PO1 PSO3	AP	NA	NA	6
Total Hours of instruction						42