CIVIL ENGINEERING DRAWING

Sl. no	Name of the Experiment	photo	List of Equipment
Civil Engineering Drawing-I			
1	Recap of the Draw, Format, Edit, Dimension, Modify commands		
	Draw 2D drawings of the following Building Components - Doors, Windows, Cross section through wall, Spread footing, Column footing, Stairs case, R.C.C. T-beam and slab		
2	Develop Isometric drawings of simple objects		
3	Develop 3D drawings of simple objects.		
PLAN, ELEVATION AND SECTIONAL ELEVATION OF FLAT ROOF BUILDING FROM LINE DIAGRAM AND GIVEN SPECIFICATIONS with use of AutoCAD software.			
4	Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views form given line diagram and specification.		**1. 25 nos of systems with AutoCAD Software**
5	Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.		
Civil Engineering Drawing-II			
Detailed drawing of culvert			
1	Half foundation plan and half top plan, cross sectional elevation and longitudinal section of		
2	i) RCC Slab culvert with right angled wing wall		
3	ii) Hume pipe culvert with splayed wing wall		
Irrigation Structures			
4	Detail drawing of a vertical drop type fall (Sarada Type) from given specifications		
5	Drawing of a Drainage siphon from given specifications		