

PROGRAMME : CIVIL ENGINEERING COURSE NAME : CIVIL ENGINEERING DRAWING 1 COURSE CODE : Pr.1 SEMESTER : 3 rd PERIODS/WEEK: 5 TOTAL PERIODS: 75	NAME OF THE FACULTY: PRIYAJIT BEHERA SESSION : 2020-2021 DATE : 01-09-2020 to 19-03-2021
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WEEK	CLASS	TOPICS
1	1	Recap of the Draw, Format, Edit, Dimension, Modify commands
	2	Draw 2D drawings of the following Building Components - Doors, Windows
2	1	Cross section through wall, Spread footing, Column footing
	2	Stairs case, R.C.C. T-beam and slab
3	1	Develop Isometric drawings of simple objects
	2	Develop Isometric drawings of simple objects
4	1	Develop Isometric drawings of simple objects
	2	Develop 3D drawings of simple objects.
5	1	Develop 3D drawings of simple objects.
	2	Develop 3D drawings of simple objects.
6	1	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.
	2	1 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.
7	1	1 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.
	2	1 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.
8	1	1 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.
	2	1 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.
9	1	2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	2	2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
10	1	2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	2	Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
11	1	Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	2	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)

12	1	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
	2	Planning of buildings for specific cost based on approximate plinth area rate.
13	1	Planning of buildings for specific cost based on approximate plinth area rate.
	2	Duties and responsibilities of Engineers at different positions /levels.
14	1	Orientation of buildings, location of openings and living areas.
	2	Orientation of buildings, location of openings and living areas.
15	1	Line plan of School, hostel, market complex and dispensary building.
	2	Line plan of School, hostel, market complex and dispensary building.