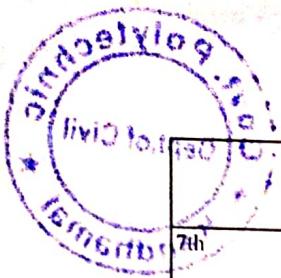


**LESSON PLAN of Civil Engg. Drawing-I(Pr.2) for the session 2022-2023(Winter 2022) Govt. polytechnic Kandhamal, Phulbani**

Discipline: Civil Engineering	Semester: 3rd	Name of the Teaching faculty: Ashish Nayak
Subject: Civil Engg. Drawing-I(Pr.2)	No. of Days/Per Week class allotted: 5	Semester From date: 15/09/2022 To Date: 22/12/2022 21/12/2023
Week	Class Day	No. of Weeks: 15 Practical Topics
1st	1st	<b>1. AutoCAD SOFTWARE.</b>
	2nd	1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
	3rd	1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
	4th	1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
	5th	1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
2nd	1st	1.1 Recap of the Draw, Format, Edit, Dimension, Modify commands
	2nd	1.2 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
	3rd	1.2 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
	4th	1.2 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
	5th	1.2 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
3rd	1st	1.2 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
	2nd	1.2 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
	3rd	1.3 Develop Isometric drawings of simple objects
	4th	1.3 Develop Isometric drawings of simple objects
	5th	1.3 Develop Isometric drawings of simple objects
4th	1st	1.3 Develop Isometric drawings of simple objects
	2nd	1.3 Develop Isometric drawings of simple objects
	3rd	1.3 Develop Isometric drawings of simple objects
	4th	1.4 Develop 3D drawings of simple objects.
	5th	1.4 Develop 3D drawings of simple objects.
5th	1st	1.4 Develop 3D drawings of simple objects.
	2nd	1.4 Develop 3D drawings of simple objects.
	3rd	1.4 Develop 3D drawings of simple objects.
	4th	1.4 Develop 3D drawings of simple objects.
	5th	1.4 Develop 3D drawings of simple objects.
		2 PLAN, ELEVATION AND SECTIONAL ELEVATION OF FLAT ROOF BUILDING FROM LINE DIAGRAM AND GIVEN SPECIFICATIONS with use of AutoCAD software.
6th	1st	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
	2nd	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
	3rd	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
	4th	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.





	5th	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
7th	1st	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
	2nd	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
	3rd	2.1 Plan at window sill level of a single storeyed R.C. roof slab building with elevation and sectional views from given line diagram and specification.
	4th	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	5th	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
8th	1st	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	2nd	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	3rd	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	4th	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	5th	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
9th	1st	2.2 Detail drawing of Double storeyed pucca building with R.C.C. stair case from line diagram and given specification.
	2nd	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	3rd	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	4th	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	5th	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
10th	1st	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	2nd	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	3rd	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	4th	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
	5th	2.3 Preparation of approval drawing of a residential building as per the norms of local approving authority with site plan, index plan etc.
		3 PLAN, ELEVATION AND SECTION OF INCLINED ROOF BUILDING WITH AC SHEET/GCI/TILES ON WOODEN STRUCTURE with use of AutoCAD Commands
11th	1st	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
	2nd	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
	3rd	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
	4th	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
	5th	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
12th	1st	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)
	2nd	Detail drawing of inclined roof building from given line diagram and specification. (gabbled / hipped)

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	3rd	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
	4th	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
	5th	Detail drawing of inclined roof building from given line diagram and specification. (gabled / hipped)
13th	1st	<b>4. BUILDING PLANNING</b> 4.1 Planning of buildings for specific cost based on approximate plinth area rate.
	2nd	4.1 Planning of buildings for specific cost based on approximate plinth area rate.
	3rd	4.1 Planning of buildings for specific cost based on approximate plinth area rate.
	4th	4.1 Planning of buildings for specific cost based on approximate plinth area rate.
	5th	4.1 Planning of buildings for specific cost based on approximate plinth area rate.
14th	1st	4.2 Orientation of buildings, location of openings and living areas.
	2nd	4.2 Orientation of buildings, location of openings and living areas.
	3rd	4.2 Orientation of buildings, location of openings and living areas.
	4th	4.2 Orientation of buildings, location of openings and living areas.
	5th	4.2 Orientation of buildings, location of openings and living areas.
15th	1st	4.3 Line plan of School, hostel, market complex and dispensary building.
	2nd	4.3 Line plan of School, hostel, market complex and dispensary building.
	3rd	4.3 Line plan of School, hostel, market complex and dispensary building.
	4th	4.3 Line plan of School, hostel, market complex and dispensary building.
	5th	4.3 Line plan of School, hostel, market complex and dispensary building.

*Chaitanya Nayak*

Signature of Lecturer

15/09/2022

*Shrikant*

Signature of HOD

Signature of Principal

*H. O. D*

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