

LESSON PLAN

NAME OF THE FACULTY :
DISCIPLINE : ARCHITECTURAL ASSISTANTSHIP
SEMESTER : 3rd
SUBJECT : BUILDING CONSTRUCTION - II
LESSON PLAN DURATION : 15 WEEKS
WORK LOAD PER WEEK : 06

WEEK	LECTURE DAY	PRACTICAL
		TOPIC
1 ST	1.	Flooring
	2.	Types of flooring and constituents (ground and upper flooring)
2 ND	3.	Different types of floor finishes
	4.	Roof and roof coverings
3 RD	5.	Pitched roof and terms related to roof
	6.	Types of timber roofs
4 TH	7.	Drawing details of fixing and layout of AC, GI sheets, slates, tiles and locally available materials.
	8.	Lean to roof
5 TH	9.	Double collar roof
	10.	SESSIONAL TEST- 1st
6 TH	11.	King post and queen post trusses
	12.	Drawing of king post trusses along with their constructional details
7 TH	13.	Drawing of queen post trusses along with their constructional details
	14.	Staircases and ramps

8TH	15.	Definition and types of staircases as per nomenclature
	16.	Drawing a dog leg wooden staircase
9TH	17.	Staircases of different materials
	18.	Relation between different components
10TH	19.	Drawing of a Steel spiral staircase
	20.	SESSIONAL TEST- 2nd
11TH	21.	RCC staircase cast-in-situ and also precast
	22.	Definitions, purpose, slopes, types of ramps and moving walks
12TH	23.	Expansion joints: Preparation of drawing file
	24.	Expansion joint in walls and roof, framed structure
13TH	25.	Form work and steel work
	26.	Definitions of form work
14TH	27.	Explain the detail of shuttering and centring
	28.	Form work for different structural members
15TH	29.	Bending of bars, formation of hooks and cranks
	30.	SESSIONAL TEST- 3rd