

Lesson Planning for the semester starting w.e.f. 8.01.2019

MKM Girls Polytechnic college, Hodal (District Palwal)

Name of the Faculty: Rachna Dohan (Practical)

Discipline: Architecture Assistantship

Semester: 4th

Subject: WORKING DRAWING-I

Lesson Plan Duration: 15 weeks (from January, 2019 to April, 2019)

Work Load (Lecture/ Practical) per week (in hours): Practical- 06

Week	Practical	
	Practical day	Topic
1 st	1 st	Introduction of working drawing.
	2 nd	Preparation of working drawings for a simple single room.
	3 rd	Preparation of working drawings for a simple single storeyed residential building
	4 th	Site Plan (01 sheet)
2 nd	5 th	Preparing site plan on a suitable scale
	6 th	Preparing site plan on a suitable scale with complete dimensioning
	7 th	Showing plot area
	8 th	Covered/built-up portion within the site,
3 rd	9 th	Approach road
	10 th	Side roads
	11 th	Adjoining buildings/features
	12 th	Boundary wall
4 th	13 th	boundary wall with gates layout plan
	14 th	sewage pipes,
	15 th	water supply pipes
	16 th	rain-water pipes
5 th	17 th	Sheet complete 1 st Topic
	18 th	Preparation of foundation (02 sheet)
	19 th	Preparation of foundation layout plan with benchmark
	20 th	section details of foundations for brick external wall
6 th	21 st	section details of foundations for brick internal wall

	22 nd	Section details of foundations for brick partition wall
	23 th	Preparation of brick toe wall
	24 th	Preparation of brick boundary wall
7 th	25 th	Preparation of R.C.C Column
	26 th	Sheet complete 2 nd Topic
	27 th	Preparation of Ground Floor plan (01 sheet)
	28 th	Preparation of Ground Floor plan with dimensions
8 th	29 th	Specifications of various building components
	30 th	Schedule of joinery i.e. doors, window, ventilators etc
	31 st	Along with showing the layout of sewage pipes, water supply pipes, Rain water pipe.
	32 nd	Sheet complete 3 rd Topic
9 th	33 rd	Preparation of Terrace Plan(01 sheet)
	34 th	Preparation of terrace plan with the rain water disposal details and overhead water tank (Tile Terrace/Gola/Coba etc)
	35 th	Preparation of terrace plan with the rain water disposal details and overhead water tank (Tile Terrace/Gola/Coba etc)
	36 th	Preparation of terrace plan with the rain water disposal details and overhead water tank (Tile Terrace/Gola/Coba etc)
10 th	37 th	Preparation of terrace plan with the rain water disposal details and overhead water tank (Tile Terrace/Gola/Coba etc)
	38 th	Sheet complete 4 th Topic
	39 th	Section (01 sheet)
	40 th	Cross and longitudinal sections representing relationship with plans and elevation showing all heights, specifications, cill/lintel details etc.
11 th	41 st	Cross and longitudinal sections representing relationship with plans and elevation showing all heights, specifications, cill/lintel details etc.
	42 nd	Cross and longitudinal sections representing relationship with plans and elevation showing all heights, specifications, cill/lintel details etc.
	43 rd	Cross and longitudinal sections representing relationship with plans and elevation showing all heights, specifications, cill/lintel details etc.
	44 th	Sheet complete 5 th Topic
12 th	45 th	Elevations(01 sheet)
	46 th	Front elevations showing all the levels on faced to relate it to plan and section
	47 th	Front elevations showing all the levels on faced to relate it to plan and section
	48 th	Rear elevations showing all the levels on faced to relate it to plan and section
13 th	49 th	Rear elevations showing all the levels on faced to relate it to plan and section

	50 th	Sheet complete 6 th Topic
	51 st	Details of Toilet (02 sheets)
	52 nd	Details of Toilet Plan
14 th	53 rd	Details of Toilet Elevations
	54 th	Details of Toilet Sections
	55 th	Details of Toilet (Plan, Elevations and Sections as required) with specifications and details
	56 th	Details of Kitchen Plan(02 sheets)
15 th	57 th	Details of Kitchen Elevations
	58 th	Details of Kitchen Sections
	59 th	Kitchen (Plan, Elevations of Sections as required) with specifications and details
	60 th	Sheet complete 7 th Topic