

Lesson Plan

Name Of Faculty : Sunita

Discipline : Arch. Asst.

Semester : 3rd

Subject : BS

Lesson Plan Duration : 15 week(July2018 to Nov 2018)

Week	Theory		Practical	
	Lecture Day	Topic (Including Assignment / Test)	Practical Day	Topic
Ist	1	Water as a natural resource, public health significance of water quality, demand of water for domestic, commercial, industrial and public utility	1 st	
	2	System of water supply – continuous, intermittent, their advantages and disadvantages		
IInd	3	Storage and Distribution of Water	2 nd	
	4	Hot water supply for buildings including solar water heating		
IIIrd	5	Service connections, types and sizes of pipes, water supply fixture and installations	3 rd	
	6	Concept of Rain water harvesting		
IVth	7	Principles of drainage, combined and separate system of drainage	4 th	

	8	House drainage: traps – shapes, sizes, types, materials and function		
Vth	9	Inspection chambers – sizes, and construction	5 th	
	10	Sessional test 1 st		
VIth	11	Ventilation of house drainage – anti siphonage and vent pipes, single stack and double stack system	6 th	
	12	Functions and working of sinks, wash basins,, water closets, flushing cisterns, urinals, – sizes and types		
VIIth	13	Septic tanks, seepage and soak pits	7 th	
	14	Simple exercises on layout plans for toilet and kitchens for public and residential buildings		
VIIIth	15	Behaviour of sound propagation	8 th	
	16	Acoustics in building, acoustical defects such as echo		
IXth	17	Acoustical materials and their uses in various buildings	9 th	
	18	Electrical distribution-conduits for wiring, types of wiring, types of switches		
Xth	19	Methods of lighting	10 th	
	20	Sessional test 2 nd		
XIth	21	Symbolic representation of electrical fittings for different	11 th	

		work areas in residential building		
	22	Preparation of electrical layout of a simple residential building		
XIIth	23	Precautions to avoid electrical accidents	12 th	
	24	Behaviour of heat propagation, thermal insulating materials		
XIIIth	25	General methods of thermal insulation	13 th	
	26	Ventilation: Definition - Principles of air conditioning		
XIVth	27	-Air cooling -Different types of Air conditioning systems and their use in buildings -Essentials of air-conditioning system	14 th	
	28	Fire Fighting Services Causes of fire in Buildings, classification of building materials according to fire rating		
XVth	29	Integration of lighting, air-conditioning, acoustics and other services buildings	15 th	
	30	Sessional test 3 rd		

