

LESSON PLAN

Name of Faculty : SUDIP BANERJEE

Discipline: CIVIL ENGG.

Semester:5th sem

Subject : PLUMBING SERVICES

Week	Lecture No.	Topic Covered
1	1	Selection, use and care of tools required for plumbing work
	2	Threading die & bit
	3	Ratchet brace, pipe wrench, spanner set
2	4	files and other common hand tools, bench drilling machine, soldering iron
	5	Pipe cutter, pipe vice, hacksaw & chisel,
	6	Revision
3	7	Selection and use of different pipes like GI Pipes, Plastic pipes, PVC pipes, HDPE pipes
	8	Cast iron pipes, Plumbing symbols; Bends, Elbows, Sockets, Tees, Unions, Pipe cutting
	9	
4	10	Pipe bending, Pipe Threading, Pipe joints, Pipe fitting
	11	Alignment of pipes, Branching of pipes, Safety precautions
	12	Revision
5	13	Sources of water; Rainwater harvesting
	14	Water supply systems in a town; Water distribution systems
	15	Distribution reservoirs; Pumps; Valves
6	16	Fire hydrants
	17	Storage of water in buildings
	18	Types of tanks
7	19	Pipe system
	20	TRAP, CESSPOOL
	21	Septic tank
8	22	SESSIONAL TEST-1
	23	SESSIONAL TEST-1
	24	SESSIONAL TEST-1
9	25	Cleaning Blocked pipes and Strains
	26	Laying Sanitary and Sewer pipes
	27	Manhole, inspection and Testing
10	28	Fixing Accessories, Problem in Drainage and their Solutions
	29	Flush Toilets, Squat Toilet
	30	Wash Basin, Sink, Floor Trap, Urinal, Bathtub, Shower, Bidet,
11	31	Mixing tap, Popup waste
	32	Revision
	33	Heat transfer, Water heater,
12	34	SESSIONAL-2
	35	SESSIONAL-2
	36	SESSIONAL -2
13	37	Mixing Tap, Popup Waste,
	38	REVISION
	39	Heat Transfer, Water Heater
14	40	Geyser
	41	Domestic Hot Water Supply System
	42	Central Heating, Solar Water Heater
15	43	SESSIONAL-3
	44	SESSIONAL-3
	45	SESSIONAL-3
16	46	REVISION
	47	REVISION
	48	TEST
17	49	TEST
	50	TEST
	51	TEST