

LESSON PLAN

NAME OF THE FACULTY : GUEST FACULTY
DISIPLINE : ARCHITECTURAL ASSISTANTSHIP
SEMESTER : 1st Year
SUBJECT : BUILDING CONSTRUCTION - I
LESSION PLAN DURATION : 32 WEEKS
WORK LOAD PER WEEK : 04

Week	Theory	
	Lecture Day	Topic
1 ST	1.	Introduction of Building Construction
	2.	Introduction of Masonry Construction
2 ND	3.	Introduction of bricks
	4.	Types of bricks
3 RD	5.	Introduction of FPS system
	6.	Detail of FPS system) its dimensions
4 TH	7.	Introduction of MKS system
	8.	Detail of MKS system) its dimensions
5 TH	9.	Brick moulding
	10.	Manufacturing technique in a brick kiln
6 TH	11.	Specially formed bricks
	12.	SESSIONAL TEST - 1

7 TH	13.	Introduction of Foundation
	14.	Brick work in Foundation
8 TH	15.	Trenching concrete bedding .
	16.	Brick work in Section .
9 TH	17.	Brick work in Plan.
	18.	Brick work in Plan.
10 TH	19.	Introduction of Stone work
	20.	Various types of stones
11 TH	21.	Various types of stones used for masonry work
	22.	special reference to locally available stone
12 TH	23.	Exposure to cutting of stones
	24.	SESSIONAL TEST - 2
13 TH	25.	Finishing. Classification of stone masonry.
	26.	Finishing. Classification of stone masonry.
14 TH	27.	Introduction of DPC
	28.	Detail of DPC
15 TH	29.	Sources of dampness

	30.	Effects of dampness
16 TH	31.	Treatment of dampness
	32.	Treatment of building components for effective damp proofing
17 TH	33.	Treatment of building components for effective damp proofing
	34.	Introduction of Brick work in super structure
18 TH	35.	Brick work in super structure
	36.	Brick work in super structure
19 TH	37.	Openings in Walls
	38.	Openings in Walls
20 TH	39.	Introduction of Arches
	40.	Classification of Arches
21 TH	41.	Detail of arches.
	42.	Introduction of Lintels
22 TH	43.	Classification of Lintels
	44.	Detail of Lintels.
23 TH	45.	Introduction of Basement
	46.	Basement
24 TH	47.	Basement
	48.	Introduction of Joinery

25 TH	49.	Doors frames – their fixing
	50.	Doors frames – their fixing
26 TH	51.	windows frames – their fixing
	52.	Building hardware (sizes, applications)
27 TH	53.	Tower bolts Hinges including concealed hinges Door Handles
	54.	Door springs Latches Floor door stopper/floor springs and magnetic types stoppers
28 TH	55.	Fan light pivots Mortice lock
	56.	Door closer – including hydraulic types
29 TH	57.	Ventilator chain
	58.	Wire gauze
30 TH	59.	Magnetic cupboard closers
	60.	Introduction of Flooring

31 TH	61.	Types of flooring and constituents (ground and upper flooring)
	62.	Detail of floor finishes
32 TH	63.	Different type of floor finishes.
	64.	Different type of floor finishes.

