

LESSON PLAN

Discipline:civil engineering			Name of The Teaching Faculty:Lect. -ANITA PRADHAN			
Subject:ESTIMATION AND COST EVALUATION-1			Semester From Date:15-09-2022 To Date 22-12-2022			
SEMESTER-3RD			No. Of Weeks:14		4P/WEEK	
No. of Days/week class allotted:04 period per week(Mon,Tue, fri& sat-1 Period each)					TOTAL PERIOD-60	
SEMESTER:-3RD						
MONTH	Week	DATE	DAYS/PERIOD	Syllabus to be covered	NO. OF PERIODS AVAILABLE	
				1.0 INTRODUCTION :	2	
SEP	3RD	FRI	16/09/2022	1.1 Types of estimates – Plinth area, floor area / carpet area	1	
		SAT	17/09/2022	1.2 Units and modes of measurements as per IS 1200 1.3 Accuracy of measurement for different item of work	1	
				2.0QUANTITY ESTIMATE OF BUILDING 2.1 Short wall long wall method and centre line method	30	
	4TH	MON	19/09/2022	Introduction long wall short wall method ¢re line method	1	
		TUE	20/09/2022	long wall short wall method & centre line method	1	
		FRI	23/09/2022	Deduction of masonry	1	
		SAT	24/09/2022	plastering,	1	
	5TH	MON	26/09/2022	Problems	1	
		TUE	27/09/2022	white washing,	1	
		FRI	30/09/2022	Problems	1	
	OCT	1ST	SAT	1/10/2022	painting , multiplying factor	1
			MON	10/10/2022	Problems	1
3RD		TUE	11/10/2022	Problems	1	
			14/10/2022	painting of doors and windows (paneled/glazed), grills etc. as per OPWD scheduled of rates.	1	
		SAT	15/10/2022	Problems	1	
		MON	17/10/2022	Problems	1	
4TH		TUE	18/10/2022	Problems	1	
		FRI	21/10/2022	Problems	1	
			22/10/2022	Detailed estimate of single storied flat roof building with shallow foundation	1	
		MON	24/10/2022	Problems	1	
5TH			25/10/2022	Problems	1	
		FRI	28/10/2022	RCC roof slab with leak proof treatment over it including	1	
		SAT	29/10/2022	Problems	1	
		6TH	MON	31/10/2022	Problems	1
		TUE	1/11/2022	Problems	1	

NOV	1ST	FRI	4/11/2022	Problems	1
		SAT	5/11/2022	Problems	1
	2ND	MON	7/11/2022	Problems	1
		TUE	8/11/2022	Problems	1
		FRI	11/11/2022	Previous yr question discussion	1
		SAT	12/11/2022	Problems	1
	3RD	MON	14/11/2022	Previous yr question discussion	1
		TUE	15/11/2022	Previous yr question discussion	1
				3.0ANALYSIS OF RATES AS PER OPWD SPECIFICATIONS / STANDARDS 3.1 Analysis of rates for cement concrete	22
		FRI	18/11/2022	Problems	1
		SAT	19/11/2022	Problems	1
	4TH	MON	21/11/2022	Problems	1
		TUE	22/11/2022	brick masonry in Cement Mortar	1
		FRI	25/11/2022	Problems	1
		SAT	26/11/2022	laterite stone masonry in Cement Mortar	1
	5TH	MON	28/11/2022	Problems	1
		TUE	29/11/2022	Problems	1
DEC	1ST	FRI	2/12/2022	cement plaster	1
		SAT	3/12/2022	Problems	1
	2ND	MON	5/12/2022	white washing ,Artificial Stone flooring,	1
		TUE	6/12/2022	Problems	1
		SAT	10/12/2022	concrete flooring,	1
	3RD	MON	12/12/2022	Problems	1
		TUE	13/12/2022	R.C.C. with centering and shuttering, reinforcing steel,	1
		FRI	16/12/2022	Problems	1
		SAT	17/12/2022	Painting of doors and windows etc	1
	4TH	MON	19/12/2022	Problems	1
		TUE	20/12/2022	Calculation of lead, lift, conveyance charges, royalty of materials, etc. as per Orissa P.W.D. system	1
				Problems	1
				Abstract of cost of estimate.	1
				Problems	1
				4.0 ADMINISTRATIVE SET-UP OF ENGINEERING ORGANISATIONS	4
				4.1Administrative set-up and hierarchy of Engineering Deptt. Duties of responsibilities of Engineers at different positions /levels	1
				DOUBT CLEARING CLASSES	1
				PREVIOUS YEAR QUESTION DISCUSSION	1
				REVISION	1