

# LESSON PLAN

Discipline: Civil Engineering Name of The Teaching Faculty: Lect. -ANITA PRADHAN

Subject: ESTIMATION AND COST EVALUATION-1 Semester From Date: 01-08-2023 To Date 30-11-2023

<b>SEMESTER-3RD</b>	<b>No. Of Weeks: 14</b>	<b>4P/WEEK</b>
No. of Days/week class allotted: 04 period per week (Mon, Tue, Wed & Fri-1 Period each)		<b>TOTAL PERIOD-60</b>

**SEMESTER:-3RD**

MONTH	Week	DATE	DAYS/PERIOD	Syllabus to be covered	NO. OF PERIODS AVAILABLE
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				<b>1.0 INTRODUCTION :</b>	<b>2</b>
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<b>AUGUST</b>	<b>1ST</b>	<b>TUE</b>	01-08-2023	1.1 Types of estimates – Plinth area, floor area / carpet area	1
		<b>WED</b>	02-08-2023	1.2 Units and modes of measurements as per IS 1200 1.3 Accuracy of measurement for different item of work	1
				<b>2.0 QUANTITY ESTIMATE OF BUILDING</b> <b>2.1 Short wall long wall method and centre line method</b>	<b>30</b>
		<b>FRI</b>	04-08-2023	Introduction long wall short wall method & centre line method	1
		<b>MON</b>	07-08-2023	long wall short wall method & centre line method	1
	<b>2ND</b>	<b>TUE</b>	08-08-2023	Deduction of masonry	1
		<b>WED</b>	09-08-2023	plastering,	1
		<b>FRI</b>	11-08-2023	Problems	1
		<b>MON</b>	14-08-2023	white washing,	1
	<b>3RD</b>	<b>WED</b>	16-08-2023	Problems	1
		<b>FRI</b>	18-08-2023	painting , multiplying factor	1
		<b>MON</b>	21-08-2023	Problems	1
	<b>4TH</b>	<b>TUE</b>	22-08-2023	Problems	1
		<b>WED</b>	23-08-2023	painting of doors and windows (paneled/glazed), grills etc. as per OPWD scheduled of rates.	1

		FRI	25-08-2023	Problems	1	
		MON	28-08-2023	Problems	1	
	5TH	TUE	29-08-2023	Problems	1	
SEPTEMBER	1ST	FRI	01-09-2023	Problems	1	
	2ND		04-09-2023	Detailed estimate of single storied flat roof building with shallow foundation	1	
		TUE	05-09-2023	Problems	1	
		FRI	08-09-2023	Problems	1	
	3RD	MON	11-09-2023	RCC roof slab with leak proof treatment over it including	1	
		TUES	12-09-2023	Problems	1	
		WED	13-09-2023	Problems	1	
		FRI	15-09-2023	Problems	1	
	4TH	MON	18-09-2023	Problems	1	
		FRI	22-09-2023	Problems	1	
	5TH	MON	25-09-2023	Problems	1	
		TUES	26-09-2023	Problems	1	
		WED	27-09-2023	Previous yr question discussion	1	
	OCTOBER	1ST	TUE	03-10-2023	Problems	1
			WED	04-10-2023	Previous yr question discussion	1
FRI			06-10-2023	Previous yr question discussion	1	
2ND				<b>3.0ANALYSIS OF RATES AS PER OPWD</b>	<b>22</b>	
		MON	09-10-2023	Problems	1	
		TUES	10-10-2023	Problems	1	
		WED	11-10-2023	Problems	1	
		FRI	13-10-2023	brick masonry in Cement Mortar	1	
3RD		MON	16-10-2023	Problems	1	
		TUES	17-10-2023	laterite stone masonry in Cement Mortar ,	1	
	WED	18-10-2023	Problems	1		
	FRI	20-10-2023	Problems	1		

	5TH	MON	30-10-2023	cement plaster	1
		TUES	31-10-2023	Problems	1
NOVEMBER	1ST	WED	01-11-2023	white washing ,Artificial Stone flooring,	1
		FRI	03-11-2023	Problems	1
	2ND	MON	06-11-2023	concrete flooring,	1
		TUE	07-11-2023	Problems	1
		WED	08-11-2023	R.C.C. with centering and shuttering, reinforcing steel,	1
		FRI	10-11-2023	Problems	1
	3RD	MON	13-11-2023	Painting of doors and windows etc	1
		TUE	14-11-2023	Problems	1
		WED	15-11-2023	Calculation of lead, lift, conveyance charges, royalty of materials, etc. as per Orissa P.W.D. system	1
		FRI	17-11-2023	Problems	1
	4TH	MON	20-11-2023	Abstract of cost of estimate.	1
		TUE	21-11-2023	Problems	1
				<b>4.0 ADMINISTRATIVE SET-UP OF</b>	<b>4</b>
		WED	22-11-2023	4.1Administrative set-up and hierarchy of Engineering Deptt. Duties of responsibilities of Engineers at different positions /levels	1
		FRI	24-11-2023	DOUBT CLEARING CLASSES	1
	5TH	TUE	28-11-2023	PREVIOUS YEAR QUESTION DISCUSSION	1
		WED	29-11-2023	REVISION	1