

# LESSON PLAN

Discipline: Civil Engineering			Name of The Teaching Faculty: Lect. - ANITA PRADHAN		
Subject: ESTIMATION AND COST EVALUATION-1 (TH-4)			Semester From Date: 01-08-2023 To Date 30-11-2023		
SEMESTER-3RD			No. Of Weeks: 14		4P/WEEK
No. of Days/week class allotted: 04 period per week (Mon, Tue, Wed & Fri-1 Period each)					TOTAL PERIOD-60
			SEMESTER:-3RD		
MONTH	Week	DATE	DAYS/PERIOD	Syllabus to be covered	NO. OF PERIODS AVAILABLE
				<b>1.0 INTRODUCTION :</b>	<b>2</b>
<b>AUGUST</b>	<b>1ST</b>	<b>TUE</b>	<b>01.08.2023</b>	1.1 Types of estimates – Plinth area, floor area / carpet area	1
		<b>WED</b>	<b>02.08.2023</b>	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>	<b>04.08.2023</b>	Introduction long wall short wall method & centre line method	1
	<b>2ND</b>	<b>MON</b>	<b>07.08.2023</b>	long wall short wall method & centre line method	1
		<b>TUE</b>	<b>08.08.2023</b>	Deduction of masonry	1
		<b>WED</b>	<b>09.08.2023</b>	plastering,	1
		<b>FRI</b>	<b>11.08.2023</b>	Problems	1
	<b>3RD</b>	<b>MON</b>	<b>14.08.2023</b>	white washing,	1
		<b>WED</b>	<b>16.08.2023</b>	Problems	1
		<b>FRI</b>	<b>18.08.2023</b>	painting, multiplying factor	1
	<b>4TH</b>	<b>MON</b>	<b>21.08.2023</b>	Problems	1
		<b>TUE</b>	<b>22.08.2023</b>	Problems	1
		<b>WED</b>	<b>23.08.2023</b>	painting of doors and windows (paneled/glazed), grills etc. as per OPWD scheduled of rates.	1

		FRI	25.08.2023	Problems	1	
	5TH	MON	28.08.2023	Problems	1	
		TUE	29.08.2023	Problems	1	
SEPTEMBER	1ST	FRI	01.09.2023	Problems	1	
	2ND	MON	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	
3RD		FRI	13.10.2023	brick masonry in Cement Mortar	1	
		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		

		<b>MON</b>	<b>30.10.2023</b>	cement plaster	1
	<b>5TH</b>	<b>TUES</b>	<b>31.10.2023</b>	Problems	1
NOVEMBER	<b>1ST</b>	<b>WED</b>	<b>01.11.2023</b>	white washing ,Artificial Stone flooring,	1
		<b>FRI</b>	<b>03.11.2023</b>	Problems	1
	<b>2ND</b>	<b>MON</b>	<b>06.11.2023</b>	concrete flooring,	1
		<b>TUE</b>	<b>07.11.2023</b>	Problems	1
		<b>WED</b>	<b>08.11.2023</b>	R.C.C. with centering and shuttering, reinforcing steel,	1
		<b>FRI</b>	<b>10.11.2023</b>	Problems	1
	<b>3RD</b>	<b>MON</b>	<b>13.11.2023</b>	Painting of doors and windows etc	1
		<b>TUE</b>	<b>14.11.2023</b>	Problems	1
		<b>WED</b>	<b>15.11.2023</b>	Calculation of lead, lift, conveyance charges, royalty of materials, etc. as per Orissa P.W.D. system	1
		<b>FRI</b>	<b>17.11.2023</b>	Problems	1
	<b>4TH</b>	<b>MON</b>	<b>20.11.2023</b>	Abstract of cost of estimate.	1
		<b>TUE</b>	<b>21.11.2023</b>	Problems	1
				<b>4.0 ADMINISTRATIVE SET-UP OF</b>	<b>4</b>
		<b>WED</b>	<b>22.11.2023</b>	4.1Administrative set-up and hierarchy of Engineering Deptt. Duties of responsibilities of Engineers at different positions /levels	1
		<b>FRI</b>	<b>24.11.2023</b>	DOUBT CLEARING CLASSES	1
	<b>5TH</b>	<b>TUE</b>	<b>28.11.2023</b>	PREVIOUS YEAR QUESTION DISCUSSION	1
		<b>WED</b>	<b>29.11.2023</b>	REVISION	1