

LESSON PLAN FOR SUMMER SESSION (2023-24)

PROGRAMME : CIVIL ENGINEERING		NAME OF THE FACULTY: HARAPRIYA BADANAYAK					
COURSE NAME : ESTIMATION & COST EVALUATION		SESSION : 2023-24					
COURSE CODE : TH.4		DATE : 01/08/23 To 30/11/23					
SEMESTER : 3rd							
PERIODS/WEEK: 4							
TOTAL PERIODS:60							
WEEK	PERIODS	UNIT	TOPICS				
Aug. 1st Week	1	1	1. Introduction 1.1 Types of estimates – Plinth area, floor area / carpet area				
	2		1.2 Units and modes of measurements as per IS 1200				
	3		1.3 Accuracy of measurement for different item of work				
	4		2. Quantity Estimate of Building				
Aug. 2nd Week	1	2	2.1 Short wall long wall method and centre line method, deductions in masonry, plastering, white washing, painting etc., multiplying factor (paint coefficients) for painting of doors and windows (paneled/glazed), grills etc.				
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	4						
Aug. 3rd Week	1						
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Aug. 4th Week	1						
	2						
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	4			Class Test-1			
Aug. 5th Week	1	2	2.2 Detailed estimate of single storied flat roof building with shallow foundation and RCC roof slab with leak proof treatment over it including staircase and mummy room.				
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Sept. 1st Week	1						
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Sept. 2nd Week	1	3	3. Analysis of Rates and Valuation 3.1 Analysis of rates for cement concrete, brick masonry in Cement Mortar, laterite stone masonry in Cement Mortar, cement plaster, white washing, Artificial Stone flooring, Tile flooring, concrete flooring, R.C.C. with centering and shuttering, reinforcing steel, Painting of doors and windows etc. as per OPWD.				
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Sept. 3rd Week	1						
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Sept. 4th Week	1						
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	4			Class Test-2			
Oct. 1st Week	1	3	3.2 Calculation of lead, lift, conveyance charges, royalty of materials, etc. as per Orissa P.W.D. system (Concept of C.P.W.D./Railways provisions)				
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	4						
Oct. 2nd Week	1			3	3.3 Abstract of cost of estimate.		
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Oct. 3rd Week	1					3	3.4 Valuation- Value and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolesce, methods of valuation.
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Oct. 4th Week	1	3	PUJA VACATION				
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Nov. 1st Week	1			3	3.4 Valuation- Value and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolesce, methods of valuation.		
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Nov. 2nd Week	1	4	Class Test-3				
	2		4. Administrative Set-Up of Engineering Organisations: 4.1 Administrative set-up and hierarchy of Engineering department in State Govt./Central Govt./PSUs/Private Sectors etc. Duties and responsibilities of Engineers at different positions /levels.				
	3						
	4						
Nov. 3rd Week	1			4	4. Administrative Set-Up of Engineering Organisations: 4.1 Administrative set-up and hierarchy of Engineering department in State Govt./Central Govt./PSUs/Private Sectors etc. Duties and responsibilities of Engineers at different positions /levels.		
	2						
	3						
	4						
Nov. 4th Week	1					4	Revision class
	2						Doubt Clearing Class
	3						Doubt Clearing Class
	4						Doubt Clearing Class
Nov. 5th Week	1	4					Doubt Clearing Class
	2		Previous year question Paper discussion.				
	3		Previous year question Paper discussion.				
	4		Previous year question Paper discussion.				

31/07/2023
 Concern faculty HOD
 Signature Civil engineering

31/07/23
 Academic Coordinator
 GP Nabarangpur

31/07/23
 Principal
 GP Nabarangpur