

Lesson Plan

Subject :- EC&E-I (Code)-TH-4

Name of faculty:- Er. *Rajashree Sahoo*

Semester :-3RD

Class allotted -4p/w

Branch :- Civil engg.

Discipline	Semester:-3 RD	From date:-01/07/24 To date:26/10/24	
Subject:	No. of days/ per week 4p/w :	Theory/ Practical –Topics/Lesson	Teaching Aid
Week	Date/Period		

1	01/07/24 to 06/07/24	1 Introduction 1.1 Types of estimates – Plinth area, floor area / carpet area 1.2 Units and modes of measurements as per IS 1200	White board & marker
2	08/07/24 to 13/07/24	1.3 Accuracy of measurement for different item of work	White board & marker
3	15/07/24 to 20/07/24	2 Quantity Estimate of Building 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	White board & marker
4	22/07/24 to 27/07/24	2 Quantity Estimate of Building 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	White board & marker
5	29/07/24 to 3/08/24	2 Quantity Estimate of Building 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	White board & marker
6	05/08/24 to 10/08/24	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,	White board & marker
7	12/08/24 to 17/08/24	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,	White board & marker
8	20/08/24 to 24/08/24	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,	White board & marker
9	27/08/24 to 31/08/24	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.	White board & marker
10	02/09/24 to 06/09/24	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)	White board & marker
11	09/09/24 to	3.3 Abstract of cost of estimate. 3.4 Valuation- Value	White board &

	14/09/24	and cost, scrap value, salvage value, assessed value, sinking fund, depreciation and obsolesce, methods of valuation.	marker
12	17/09/24 to 21/09/24	4 Administrative Set-Up of Engineering Organisations: 4.1 Administrative set-up and hierarchy of Engineering department in State	White board & marker & smart board
13	23/09/24 to 28/09/24	4 Administrative Set-Up of Engineering Organisations: 4.1 Administrative set-up and hierarchy of Engineering department in State	White board & marker
14	30/09/24 to 05/10/24	4 Administrative Set-Up of Engineering Organisations: 4.1 Administrative set-up and hierarchy of Engineering department in State	White board & marker
15	07/10/24 to 09/10/24	Govt./Central Govt./PSUs/Private Sectors etc. Duties and responsibilities of Engineers at different positions /levels.	White board & marker & smart board
16	17/10/24 to 19/10/24	Govt./Central Govt./PSUs/Private Sectors etc. Duties and responsibilities of Engineers at different positions /levels.	White board & marker
17	21/10/24 to 26/10/24	Govt./Central Govt./PSUs/Private Sectors etc. Duties and responsibilities of Engineers at different positions /levels.	White board & marker

Signature of HOD

Rajashree Sahoo
Signature of faculty