

Lesson Plan

Subject:-Estimating & cost evaluation-II (TH-5) Name of faculty: - Soumyashree Dash

Semester:-5TH Class allotted: 60 p/w Branch: - Civil engg. Session: 2025(W)

Discipline	Semester:-5 TH	From date:- 14/07/2025 TO 15/11/2025	Teaching Aid
Subject:	No. of days/ per week 4p/w :	Theory/ Practical –Topics/Lesson	
Week	Date/Period		
1	15/07/2025 TO 19/07/2025	Detailed estimate of culverts and bridges 1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	White board & marker
2	21/07/2025 TO 26/07/2025	1.2RCC Hume pipe culvert with splayed angled wing wall	White board & marker
3	28/07/2025 TO 02/08/2025	Estimate of irrigation structures 2.1Detailed estimate of simple type of vertical fall to given specification	White board & marker
4	04/08/2025 TO 09/08/2025	2.2Detailed estimate of drainage siphon to given specification.	White board & marker
5	11/08/2025 TO 16/08/2025	Detailed estimate of roads 3.1Detail estimate of a water bound macadam road	White board & marker& smart board
6	18/08/2025 TO 23/08/2025	3.2Detailed estimate of a flexible pavement in cutting / filling	White board & marker
7	25/08/2025 TO 30/08/2025	3.2Detailed estimate of septic tank and soak pit for 50 users	White board & marker
8	01/09/2025 TO 06/09/2025	Miscellaneous estimates 4.1 Tube well, Piles and Pile cap, Isolated and combined footings.	White board & marker
9	08/09/2025 TO 13/09/2025	PWD Accounts works 5.1 Works 5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair. 5.1.2 Concept of Method of execution of works through the contractors and department, contract and agreement, work order, types of contract, piece work agreement.	White board & marker
10	15/09/2025 TO 20/09/2025	5.2 Accounts of works – 5.2.1 Explanation of various terms Administrative approval, technical sanction, tender, preparation of notice inviting tender, quotations, earnest money, E-tendering, security deposit, advance payment,	White board & marker

	22/09/2025 TO 27/09/2025	intermediate payment, final payment, running bill, final bill, regular and temporary establishment, cash, major & subhead of account, temporary advance (imprest money), supervision charges, suspense account, debit, credit, book transfer, voucher and related accounts	White board & marker
12	08/10/2025 TO 11/10/2025	5.2.2 Measurement book use & maintenance, procedure of marking entries of measurement of work and supply of materials, labour employed, standard measurement books and common irregularity	White board & marker & smart board
13	13/10/2025 TO 18/10/2025	5.2.3 Muster roll : Its preparation & use for making payment of pay & wages	White board & marker
14	20/10/2025 TO 25/10/2025	5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages	White board & marker
15	27/10/2025 TO 01/11/2025	5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission	White board & marker & smart board
16	03/11/2025 TO 08/11/2025	5.2.6 Classification of stores, receipt / issue statement on standard form, method of preparation of stock account, preparation and submission of returns, verification of stocks, shortage and excess	White board & marker
17	10/11/2025 TO 15/11/2025	5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.	White board & marker


 Signature of HOD

Soumyashree Das.
 Signature of faculty