

Department: Civil Engineering	Semester : 5TH Sec-A	Name of the Teaching faculty: JASODHARA SAHOO	
Subject :- Th 5 ESTIMATING AND COST EVALUATION -II	No.of Days/ week class allotted : 04/week	Semester from date: 01/08/2023 to 30/11/2023 No. of Weeks :18	
Week	Class Day	Topics	Remarks
1ST WEEK		1.Detailed estimate of culverts and bridges	
	DAY 2	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	
	DAY3	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	
	DAY 4	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	
2ND WEEK	DAY 1	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	
	DAY 2	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	
	DAY 3	1.1Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule	
	DAY 4	1.2 RCC Hume pipe culvert with splayed angled wing wall	
3RD WEEK	DAY 1	1.2 RCC Hume pipe culvert with splayed angled wing wall	
	DAY 3	1.2 RCC Hume pipe culvert with splayed angled wing wall	
	DAY 4	1.2 RCC Hume pipe culvert with splayed angled wing wall	
4TH WEEK	DAY 1	1.2 RCC Hume pipe culvert with splayed angled wing wall	
	DAY 2	1.2 RCC Hume pipe culvert with splayed angled wing wall	
		2.Estimate of irrigation structures	
	DAY 3	2.1Detailed estimate of simple type of vertical fall to given specification	
	DAY 4	2.1Detailed estimate of simple type of vertical fall to given specification	
5TH WEEK	DAY 1	2.1Detailed estimate of simple type of vertical fall to given specification	
	DAY 2	2.1Detailed estimate of simple type of vertical fall to given specification	
	DAY 3	2.1Detailed estimate of simple type of vertical fall to given specification	
	DAY 4	2.1Detailed estimate of simple type of vertical fall to given specification	
	DAY 1	2.1Detailed estimate of simple type of vertical fall to given specification	

6TH WEEK	DAY 2	2.2 Detailed estimate of drainage siphon to given specification	
	DAY 3	2.2 Detailed estimate of drainage siphon to given specification	
	DAY 4	2.2 Detailed estimate of drainage siphon to given specification	
7TH WEEK	DAY 1	2.2 Detailed estimate of drainage siphon to given specification.	
	DAY 2	2.2 Detailed estimate of drainage siphon to given specification	
	DAY 3	2.2 Detailed estimate of drainage siphon to given specification	
	DAY 4	2.2 Detailed estimate of drainage siphon to given specification	
		3. Detailed estimate of roads	
8TH WEEK	DAY 1	3.1 Detail estimate of a water bound macadam road	
	DAY 3	3.1 Detail estimate of a water bound macadam road	
	DAY 4	3.1 Detail estimate of a water bound macadam road	
9TH WEEK	DAY 1	3.1 Detail estimate of a water bound macadam road	
	DAY 2	3.2 Detailed estimate of a flexible pavement in cutting / filling	
	DAY 4	3.2 Detailed estimate of a flexible pavement in cutting / filling	
10TH WEEK	DAY 2	3.2 Detailed estimate of a flexible pavement in cutting / filling	
	DAY 3	3.2 Detailed estimate of a flexible pavement in cutting / filling	
	DAY 4	3.2 Detailed estimate of a flexible pavement in cutting / filling	
11TH WEEK	DAY 1	3.3 Detailed estimate of septic tank and soak pit for 50 users	
	DAY 2	3.3 Detailed estimate of septic tank and soak pit for 50 users	
	DAY 3	3.3 Detailed estimate of septic tank and soak pit for 50 users	
	DAY 4	4. Miscellaneous estimates	
12TH WEEK	DAY 1	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 2	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 3	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
13TH WEEK		PUJA HOLIDAYS	

14TH WEEK	DAY 1	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 2	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 3	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 4	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
15TH WEEK	DAY 1	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 2	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 3	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
	DAY 4	4.1 Tube well, Piles and Pile cap, Isolated and combined footings	
		5. PWD Accounts works	
16TH WEEK	DAY 1	5.1 Works 5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair	
	DAY 2	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.	
	DAY 3	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, 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 .	
	DAY 4	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	
17TH WEEK	DAY 1	5.2.3 Muster roll : Its preparation & use for making payment of pay & wages	
	DAY 2	5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages	
	DAY 3	5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission	
	DAY 4	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	

18TH WEEK	DAY 1	5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.	
EXTRA CLASS		5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.	

Jasodhara Sahoo
DT - 01/05/23
Signature of the Faculty