

Discipline: Civil Engineering Subject: Estimation & Cost Evaluation-II			LESSON PLAN FOR Winter 2020-21	
			Semester: 5th	Name of Teaching Faculty:
			No. of periods /per week class allotted: 4	Subrat Kumar Panigrahi
			Semester From date: 1.09.2020 To date: 19.03.2021	
Sl.No.	Week	Class day	Theory/Practical Topics	
1	1	1	1. Detailed estimation of culvert and bridges	
		2	1.1 Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending shedule.	
		3	1.1 Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending shedule.	
		4	Cont.	
2	2	1	Cont.	
		2	Cont.	
		3	Illustration on bar bending shedule	
		4	Illustration on bar bending shedule	
3	3	1	1.2 RCC hume pipe culvert with splayed angled wing wall.	
		2	1.2 RCC hume pipe culvert with splayed angled wing wall.	
		3	Cont.	
		4	Cont.	
4	4	1	2. Estimate of irrigation structures	
		2	2.1 Detailed estimate of simple type of vertical fall to given specification	
		3	2.1 Detailed estimate of simple type of vertical fall to given specification	
		4	Cont.	
5	5	1	Cont.	
		2	Cont.	
		3	Cont.	
		4	Cont.	
6	6	1	2.2 Detailed estimate of drainage syphon to given specification.	
		2	2.2 Detailed estimate of drainage syphon to given specification.	
		3	Cont.	
		4	Cont.	
7	7	1	Cont.	
		2	Cont.	
		3	3. Detailed estimate of water bound macadam road.	
		4	3. Detailed estimate of water bound macadam road.	
8	8	1	Cont.	
		2	Cont.	
		3	3.2 Detailed estimate of a flexible pavement in cutting/filling.	
		4	3.2 Detailed estimate of a flexible pavement in cutting/filling.	
9	9	1	Cont.	
		2	Cont.	
		3	3.3 etailed estimate of septic tank for 50 user.	
		4	3.3 etailed estimate of septic tank for 50 user.	
10	10	1	INTERNAL EXAM	
		2	4. Estimate of tube well	
		3	4. Estimate of tube well	
		4	4. Estimate of tube well	

11	11	1	Cont.
		2	Cont.
		3	Cont.
		4	Cont.
12	12	1	Isolated and Combined footing
		2	Cont.
		3	Cont.
		4	Cont.
13	13	1	Estimate of pile cap.
		2	Cont.
		3	5. Works
		4	5. Works
			5.1 Classification of Original, Major, petty, Repair, Special repair Annual repair.
			5.1.2 Contract and agreement, Work order, type of contract, piece work agreement.
14	14	1	5.2 Administrative approval, Technical sanction, tender, preparation of notice inviting tender, quotations, earnest money, E-tendering Security deposit, regular and temporary establishment.
		2	charges, suspense account, debit, credit, book transfer, voucher and related accounts.
		3	Measurement book, Procedure, Muster roll, Acquittance roll,
		4	Measurement book, Procedure, Muster roll, Acquittance roll, Labour and labour report.
15	15	1	5.2.6 Classification of stores, Method of preparation of stock account Preparation and submission of returns, verification of stock account.
		2	Cont.
		3	5.3 Building BYLAWS and REGULATORY bodies, Development
		4	5.3 Building BYLAWS and REGULATORY bodies, Development authorities Rera.
16	16	1	Doubt clearing class
16	16	2	Doubt clearing class
		3	Doubt clearing class
		4	Doubt clearing class

HOD

Civil Engineering Dept.

subrat kumar panigrahi (Lect. Civil)

signature

Principal

GP Nabarangpur