

LESSON PLAN				
Academic Session :- 2021(W)				
Subject: ESTIMATING-II Subject Code:-TH-5				
			Total Period :- 60per Sem	
			Theory :- 4P/week	
Teacher :- LAXMIPRIYA SWAIN			SEMESTER- 5TH (2ND SHIFT)	
MONTH	DATE	DAYS	SYLLABUS TO BE COVERED	NO. OF PERIODS AVAILABLE
			<b>1.0 Detailed estimate of culverts and bridges</b>	
OCTOBER	27.10.2021	WEDNESDAY	1.1Detailed estimate of a RCC slab culvert	1
	28.10.2021	THURSDAY	1.1Detailed estimate of a RCC slab culvert	1
	29.10.2021	FRIDAY	1.1Detailed estimate of a RCC slab culvert	1
	30.10.2021	SATURDAY	right angled wing walls	1
NOVEMBER	03.11.2021	WEDNESDAY	right angled wing walls	1
	05.11.2021	FRIDAY	Bar bending schedule	1
	06.11.2021	SATURDAY	1.2RCC Hume pipe culvert with splayed angled wing wall	1
	10.11.2021	WEDNESDAY	1.2RCC Hume pipe culvert with splayed angled wing wall	1
	11.11.2021	THURSDAY	1.2RCC Hume pipe culvert with splayed angled wing wall	1
	12.11.2021	FRIDAY	1.2RCC Hume pipe culvert with splayed angled wing wall	1
	13.11.2021	SATURDAY	1.2RCC Hume pipe culvert with splayed angled wing wall	1
	17.11.2021	WEDNESDAY	1.2RCC Hume pipe culvert with splayed angled wing wall	1
			<b>2.0 Estimate of irrigation structures</b>	
	18.11.2021	THURSDAY	2.1Detailed estimate of simple type of vertical fall to given specification	1
	20.11.2021	SATURDAY	2.1Detailed estimate of simple type of vertical fall to given specification	1
	24.11.2021	WEDNESDAY	2.1Detailed estimate of simple type of vertical fall to given specification	1
	25.11.2021	THURSDAY	2.1Detailed estimate of simple type of vertical fall to given specification	1
	26.11.2021	FRIDAY	2.1Detailed estimate of simple type of vertical fall to given specification	1
	27.11.2021	SATURDAY	2.1Detailed estimate of simple type of vertical fall to given specification	1
		01.12.2021	WEDNESDAY	2.1Detailed estimate of simple type of vertical fall to given specification
02.12.2021		THURSDAY	2.2Detailed estimate of drainage siphon to given specification.	1
03.12.2021		FRIDAY	2.2Detailed estimate of drainage siphon to given specification.	1

DECEMBER	04.12.2021	SATURDAY	2.2Detailed estimate of drainage siphon to given specification.	1
	08.12.2021	WEDNESDAY	2.2Detailed estimate of drainage siphon to given specification.	1
	09.12.2021	THURSDAY	2.2Detailed estimate of drainage siphon to given specification.	1
	10.12.2021	FRIDAY	2.2Detailed estimate of drainage siphon to given specification.	1
	11.12.2021	SATURDAY	2.2Detailed estimate of drainage siphon to given specification.	1
			<b>3.0 Detailed estimate of roads</b>	
	15.12.2021	WEDNESDAY	3.1Detail estimate of a water bound macadam road	1
	16.12.2021	THURSDAY	3.1Detail estimate of a water bound macadam road	1
	17.12.2021	FRIDAY	3.1Detail estimate of a water bound macadam road	1
	18.12.2021	SATURDAY	3.1Detail estimate of a water bound macadam road	1
	22.12.2021	WEDNESDAY	3.2Detailed estimate of a flexible pavement in cutting / filling	1
	23.12.2021	THURSDAY	3.2Detailed estimate of a flexible pavement in cutting / filling	1
	24.12.2021	FRIDAY	3.2Detailed estimate of a flexible pavement in cutting / filling	1
	29.12.2021	WEDNESDAY	3.2Detailed estimate of a flexible pavement in cutting / filling	1
	30.12.2021	THURSDAY	3.2Detailed estimate of septic tank and soak pit for 50 users	1
31.12.2021	FRIDAY	3.2Detailed estimate of septic tank and soak pit for 50 users	1	
JANUARY	01.01.2022	SATURDAY	3.2Detailed estimate of septic tank and soak pit for 50 users	1
	05.01.2022	WEDNESDAY	3.2Detailed estimate of septic tank and soak pit for 50 users	1
			<b>4. Miscellaneous estimates</b>	
	06.01.2022	THURSDAY	4.1 Tube well,	1
	07.01.2022	FRIDAY	4.1 Tube well,	1
	08.01.2022	SATURDAY	Piles and Pile cap	1
	<b>20 MORE CLASSES REQUIRED</b>			
			Piles and Pile cap	1
			Piles and Pile cap	1
			Piles and Pile cap	1
		Piles and Pile cap	1	
		Isolated and combined footings.	1	
		Isolated and combined footings.	1	
		Isolated and combined footings.	1	
		Isolated and combined footings.	1	
		Isolated and combined footings.	1	
		<b>5. PWD Accounts work</b>		

		5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair	1
		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. & 5.2 Accounts of works –	1
			1
		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 .	1
		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	1
		5.2.3 Muster roll : Its preparation & use for making payment of pay & wages	1
		5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages	1
		5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission	1
		5.2.6 Classification of stores, receipt / issue statement on standard form, method of preparation of stock statement	1
		5.3 Building BY LAWS and REGULATORY Bodies, Development authorities, types and their levels. PERA etc	1