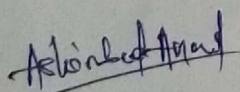
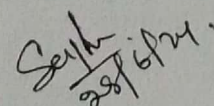


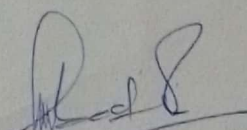
WINTER
LESSON PLAN FOR SUMMER SESSION (2024-25)

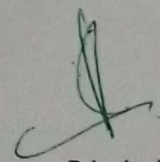
PROGRAMME : CIVIL ENGINEERING			NAME OF THE FACULTY: ASHIRBAD ANAND
COURSE NAME : ESTIMATION AND COST EVALUATION 2			SESSION : 2024-25
COURSE CODE : TIL5			DATE : 01/07/24 To 08/11/24
SEMESTER : 5th			
PERIODS/WEEK: 4			
TOTAL PERIODS:60			
WEEK	PERIODS	UNIT	TOPICS
July 1st Week	1	1	1. Detailed estimate of culverts and bridges 1.1 Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. 1.2 RCC Hume pipe culvert with splayed angled wing wall
	2		
	3		
	4		
July 2nd Week	5		
	6		
	7		
	8		
July 3rd Week	9	2	1. Detailed estimate of culverts and bridges 1.1 Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule. 1.2 RCC Hume pipe culvert with splayed angled wing
	10		
	11		
	12		
July 4th Week	13		
	14		
	15		
	16		
Aug. 1st Week	17	2	2. Estimate of irrigation structures 2.1 Detailed estimate of simple type of vertical fall to given specification 2.2 Detailed estimate of drainage siphon to given specification.
	18		
	19		
	20		
August 2nd Week	21		
	22		
	23		
	24		
August 3rd Week	25	3	3. Detailed estimate of roads 3.1 Detail estimate of a water bound macadam road 3.2 Detailed estimate of a flexible pavement in cutting / filling 3.2 Detailed estimate of septic tank and soak pit for 50 users
	26		
	27		
	28		
August 4th Week	29		
	30		
	31		
	32		
Sept. 1st Week	33	4	4. Miscellaneous estimates 4.1 Tube well, Piles and Pile cap, Isolated and combined footings.
	34		
	35		
	36		
Sept. 2nd Week	37		
	38		
	39		
	40		
Sept. 3rd Week	41	5	5. 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. 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 .

WEEK	PERIODS	UNIT	TOPICS
Sept. 4th Week	45		5. 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.
	46		5.2 Accounts of works –
	47		5.2.1 Explanation of various terms
	48		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
Oct. 1st Week	49		account, temporary advance (imprest money), supervision charges, suspense account, debit, credit, book transfer, voucher and related accounts .
	50		
	51		
	52		
Oct.. 2nd Week	53		
	54		
	55		
	56		
Oct. 3rd Week	57		
	58		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
	59		5.2.3 Muster roll : Its preparation & use for making payment of pay & wages
	60		5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages
Oct. 4th Week	61		5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission
	62		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
	63		5.3 Building BYLAWS and REGULATORY Bodies, Development authorities.
	64		5.3 Building BYLAWS and REGULATORY Bodies, Development authorities.
Nov 1st Week	65		Doubt Clearing Class
	66		Previous year question Paper discussion.
	67		Doubt Clearing Class
	68		Previous year question Paper discussion.


Concern faculty
Signature


HOD
Civil engineering


Academic Coordinator
GP Nabarangpur


Principal
GP Nabarangpur