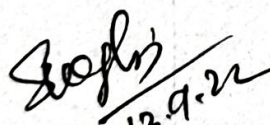


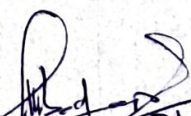
LESSON PLAN FOR SUMMER SESSION (2022-23)

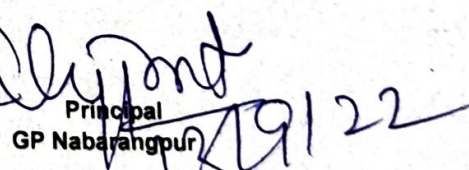
PROGRAMME : CIVIL ENGINEERING			NAME OF THE FACULTY: HARAPRIYA BADANAYAK		
COURSE NAME : ESTIMATION AND COSTING - II			SESSION : 2022-23		
COURSE CODE : TH.5			DATE : 15/09/22 To 22/12/22		
SEMESTER : 5th					
PERIODS/WEEK: 4					
TOTAL PERIODS:52			TOPICS		
WEEK	PERIODS	UNIT			
Sept. 3rd Week	1	1	1. 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				
Sept. 4th Week	1				
	2				
	3				
	4				
Oct. 1st Week	1	PUJA VACATION			
	2				
	3				
	4				
Oct. 2nd Week	1	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.		
	2				
	3				
	4				
Oct. 3rd Week	1				
	2				
	3				
	4				
Oct. 4th Week	1	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.		
	2				
	3				
	4				
Nov. 1st Week	1			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
	2				
	3				
	4				
Nov. 2nd Week	1				
	2				
	3				
	4				
Nov. 3rd Week	1	4	4. Miscellaneous estimates 4.1 Tube well, Piles and Pile cap, Isolated and combined footings.		
	2				
	3				
	4				
Nov. 4th Week	1				
	2				
	3				
	4				

Dec. 1st Week	1	5	<p>5. PWD Accounts works</p> <p>5.1 Works</p> <p>5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair.</p> <p>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.</p> <p>5.2 Accounts of works –</p> <p>5.2.1 Explanation of various terms</p> <p>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 .</p>
	2		
	3		
	4		
Dec. 2nd Week	1		<p>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</p> <p>5.2.3 Muster roll : Its preparation & use for making payment of pay & wages</p> <p>5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages</p> <p>5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission</p> <p>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</p>
	2		
	3		
	4		
Dec. 3rd Week	1		5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.
	2		
	3		
	4		
			Doubt Clearing Class
			Previous year question Paper discussion.


 Concern faculty
 Signature


 HOD
 Civil engineering


 Academic Coordinator
 GP Nabarangpur


 Principal
 GP Nabarangpur