

LESSON PLAN FOR SUMMER SESSION (2023-24)

PROGRAMME : CIVIL ENGINEERING

NAME OF THE FACULTY: HARAPRIYA BADANAYAK

COURSE NAME : ENVIRONMENTAL STUDIES

SESSION : 2023-24

COURSE CODE : TH.5

DATE : 01/08/23 To 30/11/23

SEMESTER : 5th

PERIODS/WEEK: 4

TOTAL PERIODS:60

WEEK	PERIODS	UNIT	TOPICS		
Aug. 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.		
	2				
	3				
	4				
Aug. 2nd Week	1				
	2				
	3				
	4				
Aug. 3rd Week	1		2	1.2 RCC Hume pipe culvert with splayed angled wing wall	
	2				
	3				
	4				
Aug. 4th Week	1	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				
Aug. 5th Week	1			3	Class Test-1
	2				
	3				
	4				
Sept. 1st Week	1	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				
Sept. 12nd 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				
Sept. 3rd Week	1	4. Miscellaneous estimates 4.1 Tube well, Piles and Pile cap, Isolated and combined footings.			
	2				
	3				
	4				
Sept. 4th Week	1			4	Class Test-2
	2				
	3				
	4				
Oct. 1st Week	1	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.		
	2				
	3				
	4				
Oct. 2nd Week	1		5		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 -
	2				
	3				
	4				
Oct. 3rd Week	1	5		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 .	
	2				
	3				
	4				

Oct. 4th Week	1		PUJA VACATION
	2		
	3		
	4		
Nov. 1st Week	1	5	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
	2		5.2.3 Muster roll : Its preparation & use for making payment of pay & wages
	3		
	4		
Nov. 2nd Week	1	5	5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages
	2		5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission
	3		
	4		
Nov. 3rd Week	1	5	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
	2		5.3 Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA etc.
	3		
	4		
Nov. 4th Week	1		
	2		
	3		Revision Class
	4		Revision Class
Nov. 5th Week	1		Doubt Clearing Class
	2		Doubt Clearing Class
	3		Previous year question Paper discussion.
	4		Previous year question Paper discussion.

31/07/2023

Concern faculty HOD
Signature Civil engineering

Subm
31.7.23

Academic Coordinator
GP Nabarangpur

31/7/23

Principal
GP Nabarangpur
31/7/23