

BALASORE SCHOOL OF ENGINEERING, BALASORE

LESSON PLAN/SEMESTER:- 5th

SUBJECT:- Estimating & evaluation-II

NAME OF THE FACULTY :- S.L.Rout

Branch-civil engg

section:-A & B

SL. No	CH. NO.	Month	DATE	NAME OF THE CHAPTER/OBJECTIVES	NO. OF PERIOD AVAIL. AS PER SYLLABUS	NO. OF PERIODS AVAILABLE AS PER PLAN
1	CH-1	sep	15/09/22	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	12	11
2			16/09	CONT...		
3			19/09	CONT...		
4			21/09	CONT...		
5			22/09	1.2 RCC Hume pipe culvert with splayed angled wing wall		
6			23/09	CONT...		
7			24/09	CONT...		
8			26/09	CONT...		
9			28/09	CONT...		
10			29/09	CONT...		
11			30/09	CONT...		
12	CH-2	oct	01/10	Estimate of irrigation structures 2.1 Detailed estimate of simple type of vertical fall to given specification	14	10
13			10/10	CONT...		
14			12/10	CONT...		
15			13/10	CONT...		
16			14/10	CONT...		
17			15/10	2.2 Detailed estimate of drainage siphon to given specification		
18			17/10	CONT...		
19			19/10	CONT...		
20			20/10	CONT...		
21			21/10	CONT...		
22	CH-3		22/10	Detailed estimate of roads 3.1 Detail estimate of a water bound macadam road	12	10
23			26/10	CONT...		

24			27/10	3.2 Detailed estimate of a flexible pavement in cutting / filling		
25			28/10	CONT...		
26			31/10	CONT...		
27		nov	02/11	CONT...		
28			03/11	3.3 Detailed estimate of septic tank and soak pit for 50 users		
29			04/11	CONT...		
30			05/11	CONT...		
31			07/11	CONT...		
32	CH-4		09/11	Miscellaneous estimates 4.1 Tube well, Piles and Pile cap,	09	06
33			10/11	CONT....		
34			11/11	CONT...		
35			12/11	CONT...		
36			21/11	Isolated and combined footings		
37			23/11	CONT...		
38	CH-5		24/11	PWD Accounts works 5.1 Works 5.1.1 Classification of work-original, major, petty, repair work, annual repair, special repair, quadrantal repair.	13	17
39			25/11	5.2 Accounts of works – 5.2.1 Explanation of various terms ,Administrative approval, technical sanction, tender, preparation of notice inviting tender, account, debit, credit, book transfer		
40			26/11	quotations, earnest money, E-tendering, security deposit, advance payment, intermediate payment,		
41			28/11	final payment, running bill, final bill, regular and temporary establishment, cash, major & subhead of account, temporary advance (imprest money),		
42			30/11	supervision charges, suspense, voucher and related accounts .		
43		dec	01/12	5.1.2 Concept of Method of execution of works through the contractors and department		
44			02/12	contract and agreement, work order, types of contract, piece work agreement		
45			03/12	5.2.2 Measurement book use & maintenance		
46			05/12	procedure of marking entries of measurement of work and supply of materials, labour employed,		
47			07/12	standard measurement books and common irregularity		
48			08/12	5.2.3 Muster roll : Its preparation & use for making payment of pay & wages		

49		09/12	5.2.4 Acquittance Roll : Its preparation & use for making payment of pay & wages		
50		10/12	5.2.5 Labour & labour report, method of labour payment, use of forms and necessity of Submission		
51		12/12	5.2.6 Classification of stores, receipt / issue statement on standard form,		
52		14/12	method of preparation of stock account, preparation and submission of returns,		
53		15/12	verification of stocks, shortage and excess		
54		16/12	5.3 Building BYLAWS and REGULATORY Bodies, Development authorities,		
55		17/12	types and their levels, RERA etc.		

Brief Summary of the Plan

SL NO	MONTH	UNITS/CHAPTER TO BE COVERED	% OF COVERAGE
1	sep	Ch-1	30%
2	oct	Ch-2,	35%
3	nov	CH-3 ,CH-4....	25%
4	dec	CH-4....CH-5	10%

[Handwritten Signature]
 13.09.22
 Signature of the Faculty
 Date

[Handwritten Signature] 13/9/22
 Signature of the Principal
 Date