

LESSON PLAN


Discipline: Civil Engg. , UGMIT Rayagada
Semester: 5TH
Name of the Teaching Faculty: DEBABRATA CHHURIA
Lecturer Stage 1
Subject: **ESTIMATION & COST EVALUATION – II (Pr.2)**
No of Days/week class allotted: 03
Session: 2025-26

Week	Class Day	Theory/Practical Topics	Remarks
1	1-3	1.0 Detailed estimate of culverts and bridges 1.1 Detailed estimate of a simple Hume pipe culvert with right angled wing walls	
2	4-6	1.2 RCC deck slab culvert with right angled wing wall	
3	7-9	1.3 RCC deck slab culvert with splayed wing wall	
4	10-12	1.4 Quantity of steel for deck slab with bar bending schedule of the above jobs	
5	13-15	1.4 Quantity of steel for deck slab with bar bending schedule of the above jobs	
6	16-18	2.0 Estimate of irrigation structures 2.1 Detailed estimate of simple type of vertical fall to given specification	
7	19-21	2.1 Detailed estimate of simple type of vertical fall to given specification	
8	22-24	2.1 Detailed estimate of simple type of vertical fall to given specification	
9	25-27	2.2 Detailed estimate of siphon well drop to given specification.	
10	28-30	2.2 Detailed estimate of siphon well drop to given specification.	
11	31-33	2.2 Detailed estimate of siphon well drop to given specification.	
12	34-36	3.0 Detailed estimate of roads 3.1 Detail estimate of a water bound macadam road	
13	37-39	3.2 Detailed estimate of a National Highway in cutting / filling	

14	40-42	3.2 Detailed estimate of a National Highway in cutting / filling	
15	43-45	3.2 Detailed estimate of a National Highway in cutting / filling	

Signature of Faculty:

Signature of HOD:


14/07/25