

LESSON PLAN

Discipline: Civil Engg. ,UGMIT Rayagada
Semester: 3rd
Subject: Estimation & Cost Evaluation- I (Th-4)
Class allotted: 4P/week
Session: 2022 Winter

Week	Class Day	Theory/Practical Topics	Remarks
1	1-4	Introduction 1.1 Type of estimate 1.2 Units and modes of measurement as per IS 1200 1.3 Accuracy of measurements for different items of work 2.1 short wall and long wall method	
2	5-8	Deductions in masonry, plastering, White washing, Painting, Multiplying factor	
3	9-12	2.2 Detailed estimate of single storied flat roof building with shallow foundation	
4	13-16	2.2 Detailed estimate of single storied flat roof building with shallow foundation	
5	17-20	2.2 Detailed estimate of single storied flat roof building with shallow foundation	
6	21-24	2.2 Detailed estimate of single storied flat roof building with shallow foundation	
7	25-28	2.2 Detailed estimate of single storied flat roof building with shallow foundation	
8	29-32	2.2 Detailed estimate of single storied flat roof building with shallow foundation	
9	33-36	3.1 Analysis of rates of CC, Brick Masonry	
10	37-40	Stone masonry in cement mortar, cement plaster, white washing	
11	41-44	Flooring, shuttering, painting as per OPWD	
12	45-48	3.2 Calculation of lead and lift, royalty, etc as per odisha PWD 3.3 Abstract of cost estimate	

13	49-52	3.4 Valuation- scrap value, salvage value, Assessed value, sinking fund Depreciation	
14	53-56	Methods of valuation	
15	57-60	4.1 Administrative setup of Engg Organisations	

Signature of Faculty: *Subhasmita Patro*
D-16/9/22

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16/9/2022