

ORISSA SCHOOL OF ENGINEERING & POLYTECHNIC, BERHAMPUR

Th5. ESTIMATION & COST EVALUATION - II

SEMESTER- ~~3rd~~ 5th

FACULTY NAME:- SAMAPIKA PATNAIK

Week	Date Range	Topics	Subtopics
1	1/8 - 5/8	Introduction to Detailed Estimates	Overview of detailed estimates, importance, and approach
2	7/8 - 12/8	RCC Slab Culvert	Estimation of RCC slab culvert with right-angled wing walls, bar bending schedule
3	14/8 - 19/8	Hume Pipe Culvert	Estimation of RCC Hume pipe culvert with splayed angled wing walls
4	21/8 - 26/8	Vertical Fall Structure	Detailed estimate of a simple type of vertical fall to given specifications
5	28/8 - 2/9	Drainage Siphon	Estimation of drainage siphon to given specifications
6	4/9 - 9/9	WBM Road Estimation	Detailed estimate of a water-bound macadam road
7	11/9 - 16/9	Flexible Pavement	Estimation of flexible pavement in cutting/filling
8	18/9 - 23/9	Septic Tank and Soak Pit	Detailed estimate for 50-user septic tank and soak pit
9	25/9 - 30/9	Miscellaneous Structures (1)	Tube well, piles, pile cap estimation
10	2/10 - 7/10	Miscellaneous Structures (2)	Isolated and combined footings
11	9/10 - 14/10	PWD Accounts: Work Classification	Original works, major, petty, repair works; Method of execution, contracts, and agreements
12	16/10 - 21/10	PWD Accounts: Payments and Records	Tender preparation, e-tendering, payment methods, running and final bills
13	23/10 - 28/10	Measurement Books and Labour Records	Use/maintenance of measurement books, muster roll preparation, and acquittance rolls
14	30/10 - 4/11	Labour Reports and Stores Management	Labour classification, payment methods, stores classification, stock account preparation
15	6/11 - 11/11	Building Bylaws and Regulatory Bodies	Overview of building bylaws, regulatory authorities, and RERA
16	13/11 - 18/11	Applications and Practical Sessions	Application of learned concepts to real-life projects and case studies
17	20/11 - 25/11	Field Visits and Practical Exercises	Visits to project sites for understanding estimation and billing


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