

Lesson Plan for AY: 2024-25, ODD Semester

Course with Code: Quantity Surveying & Contract Management -21CV71

Faculty: Puneeth K

Semester & Section: 7th & A

Module No.	Class No.	Date planned (DD/MM)	Topics to be covered	TLP Planned
1	1	09.09.24	Introduction to Syllabus	PPT
	2	10.09.24	Various drawing attached with estimates, Technical terms in estimation costing & Units of measurements	PPT
	3	11.09.24	Estimate & Types of estimates	PPT
	4	12.09.24	Estimation of quantity in Single room	PPT
	5	17.09.24	Estimation of quantity in double room (Same wall size)	Chalk & board
	6	18.09.24	Estimation of quantity in double room (Different wall size)	Chalk and board
	7	19.09.24	Estimation of quantity in a residential building	Chalk and board
	8	23.09.24	Estimation of quantity in a residential building	Chalk and board
	9	24.09.24	Estimation of quantity in a residential building	Chalk and board
	10	25.09.24	Estimation of R.C.C Structure (Column & footing)	Chalk and board
	11	25.09.24 - E	Estimation of R.C.C Structure (Beam)	Chalk and board
	12	26.09.24	Estimation of R.C.C Structure (Slab)	Chalk and board
2	13	30.09.24	Estimation of quantity in septic tank	Chalk and board
	14	01.10.24	Estimation of quantity in septic tank with soak pit	Chalk and board
	15	03.10.24	Estimation of quantity in shallow Manhole	Chalk and board
	16	07.10.24	Estimation of quantity in Deep Manhole	Chalk and board
	17	08.10.24	Introduction to estimation of earthwork & Quantity estimation of earthwork using mid-section method	Chalk and board
	18	09.10.24	Problem on Earthwork estimate in embankment	Chalk and board
	19	10.10.24	Problems on Earthwork estimate using Prismoidal method	Chalk and board
	20	21.10.24	IA 1 Discussion	Chalk and board

			Problem on Detailed estimate of steel truss	
	21	22.10.24	Problem on Detailed estimate of steel truss	Chalk and board
	22	23.10.24	Problem on Detailed estimate of Culvert	Chalk and board
	23	24.10.24	Preliminary survey & Detailed Project Report	PPT
3	24	28.10.24	Significance of Microsoft Excel in estimation	PPT
	25	29.10.24	Significance of Microsoft Excel in estimation	PPT
	26	30.10.24	Introduction to specifications & its types	PPT
	27	04.11.24	Detailed specifications of construction Materials	PPT
	28	05.11.24	Detailed specifications of construction works	PPT
	29	06.11.24	Detailed specifications of construction work	PPT
	30	07.11.24	Detailed specifications of construction work	PPT
	31	11.11.24	Specifications of aluminium and wooden partitions	PPT
	32	12.11.24	Specifications of false ceiling, aluminium and fiber doors and windows	PPT
	33	13.11.24	Specifications of Various types of claddings.	PPT
4	34	14.11.24	Introduction to rate analysis and preparation of bills	PPT
	35	19.11.24	Rate analysis for earth work in different types of soils	Chalk and board
	36	20.11.24	Rate analysis for cement concrete of different mixes	Chalk and board
	37	25.11.24	IA 2 Discussion	Chalk and board
			Rate analysis for bricks and stone masonry	
	38	26.11.24	Rate analysis for flooring, plastering	Chalk and board
	39	27.11.24	Rate analysis for RCC works	Chalk and board
	40	28.11.24	Rate analysis for centering and form work for different RCC items	Chalk and board

	41	2.12.24	Rate analysis for wood and steel works or doors, windows and ventilators	Chalk and board
5	42	3.12.24	Types of contract-essential of contract – legal aspects penal provision on breach of contract	PPT
	43	4.12.24	Definition of the terms-Tender, Earnest money deposit, tender forms, documents and types	PPT
	44	5.12.24	Comparative statements, acceptance of contract documents	PPT
	45	9.12.24	Issue of work orders, duties and liabilities	PPT
	46	10.12.24	Termination of contract, completion certificate, quality control, right of contractor refund of deposit	PPT
	47	11.12.24	Administrative approval - Technical sanction. Nominal muster roll, measurement books	PPT
	48	12.12.24	Procedure for recording and checking measurements – preparation of bills	PPT