



LESSON PLAN OF ESTIMATION & COST EVALUATION -II OF 5TH SEMESTER 2022-2023

Unit	Topic	No. of Period
Detailed estimate of culverts and bridges	Detailed estimate of a RCC slab culvert with right angled wing walls	4
	Bar bending schedule of RCC slab culvert with right angled wing walls	3
	RCC Hume pipe culvert with splayed angled wing wall	5
Estimate of irrigation structures	Detailed estimate of simple type of vertical fall with abstract	8
	Detailed estimate of drainage siphon with abstract	7
Detailed estimate of roads	Detail estimate of a water bound macadam road	4
	Detailed estimate of a flexible pavement in cutting / filling	5
	Detailed estimate of septic tank and soak pit for 50 users	4
Detailed estimates of miscellaneous works	Tube well	2
	Piles and pile cap	4
	Isolated and Combined footings	6
PWD accounts works	Works, Classification of works and Repairs	1
	Methods of execution of works through the contractors and department	1
	Contract and agreement, work order, types of contract, piece work agreement	2
	Accounts of works	1
	Administrative approval, technical sanction, tender, preparation of notice inviting tender, quotations, earnest money	1
	E-tendering, security deposit, advance payment, intermediate payment, final payment, running bill, final bill	1
	Regular and temporary establishment, cash, major & subhead of account, temporary advance (imprest money), supervision charges, suspense account, debit, credit, book transfer, voucher and related accounts	2
	Measurement book use & maintenance, procedure of marking entries of measurement of work and supply of materials, labour employed, standard measurement books and common irregularity	2
	Muster roll : Its preparation & use for making payment of pay & wages	1
	Acquittance Roll : Its preparation & use for making payment of pay & wages	1
	Labour & labour report, method of labour payment, use of forms and necessity of Submission	1
	Classification of stores, receipt / issue statement on standard form, method of preparation of stock account	1

	Preparation and submission of returns, verification of stocks, shortage and excess	1
	Building BYLAWS and REGULATORY Bodies, Development authorities, types and their levels, RERA	1

Prepared By- Yogamaya Das