

# PNS SCHOOL OF ENGINEERING & TECHNOLOGY

## LESSON PLAN

BRANCH-CIVIL	SEMESTER-5th	NAME OF THE FACULTY-ER. ITISHREE NAYAK
SUBJECT-ESTIMATING AND COSTING ENGINEERING	NO OF DAYS PER WEEK -6 CLASS ALLOTTED-60	SEMESTER FROM-14/07/2025 TO 15/11/2025
WEEK	CLASS DAY	THEORY TOPIC
1st	1ST	Introduction TO ESTIMATION.
	2ND	Detailed estimate of a RCC slab culvert with right angled wing walls with bar bending schedule.
	3RD	Continue the topics.
	4TH	Continue The Topic.
2ND	1ST	continue The Topic and End.
	2ND	RCC Hume pipe culvert with splayed angled wing wall.
	3RD	Continue The Topic .
	4TH	Continue The Topic and End.
3RD	1ST	Detailed estimate of simple type of vertical fall to given specification.
	2ND	Continue The TOPIC.
	3RD	Continue The Topic And End.
	4TH	Detailed estimate of drainage siphon to given specification.
4TH	1ST	Continue The Topic .
	2ND	Continue The Topic.
	3RD	Continue The Topic And End.
	4TH	Detail estimate of a water bound macadam road.
5TH	1ST	Continue The Topic.
	2ND	Continue The Topic and End.
	3RD	Detailed estimate of a flexible pavement in cutting / filling.
	4TH	Continue The Topic.
6th	1ST	Continue And End The Topic.
	2ND	Detailed estimate of septic tank and soak pit for 50 users
	3RD	Continue The Topic.
	4TH	Continue The Topic and End.
7th	1ST	Detailed Estimation Of Tube Well.
	2ND	Continue The Topic.
	3RD	Continue The Topic and End.
	4th	Detailed Estimation of Piles and Pile cap
8th	1ST	Continue The Topic.
	2ND	Continue the topic and End.
	3RD	P.W.D Works.
	4TH	Classification of p.w.d work.
	1ST	Concept of Method of execution of works through the contractors and department.

9th	2ND	contract and agreement, work order, types of contract, piece work agreement.
	3RD	Accounts of works.
	4TH	Administrative approval, technical sanction, tender, preparation of notice inviting tender, quotations, earnest money, E-tendering.
10th	1ST	Continue The Topic.
	2nd	security deposit, advance payment, intermediate payment, final payment, running bill, final bill.
	3rd	regular and temporary establishment, cash, major & subhead of account, temporary advance.
	4th	It Continue and End.
12th	1ST	Measurement book use & maintenance, procedure of marking entries of measurement of work and supply of materials.
	2nd	Continue The Topic.
	3rd	Muster roll : Its preparation & use for making payment of pay & wages.
	4th	Acquittance Roll : Its preparation & use for making payment of pay & wages.
13th	1st	Continue The Topic.
	2nd	Labour & labour report, method of labour payment, use of forms and necessity of Submission.
	3rd	Continue The Topic.
	4th	Classification of stores, receipt / issue statement on standard form, method of preparation of stock account.
14th	1st	preparation and submission of returns, verification of stocks, shortage and excess
	2nd	Building BYLAWS and REGULATORY Bodies.
	3rd	Continue The Topic and End.
	4th	REVISION
15th	1st	REVISION
	2nd	REVISION
	3rd	REVISION
	4TH	REVISION

SIGN OF LECTURE

HOD SIGN

PRINCIPAL SIGN