

LESSON PLAN (2025)-(s)

BRANCH-CIVIL ENGG				Name of The Teaching Faculty: -JYOTIRMAYEE SAMAL	
Subject- IRRIGATION ENGINEERING (TH-II)				Semester From Date:04-02-2025 To Date 17-05-2025	
SEMESTER-4TH				No. Of Weeks:14	
No. of Days/week class allotted:02period per week(Mon -1,FRI-2 Period each)				TOTAL PERIOD 32	
MONTH	Week	DATE	DAYS	Syllabus to be covered	NO. OF PERIODS AVAILABLE
F E B R U A R Y				Hydrology (4P)	4
	2ND	03.02.2025	MON	1.1 Hydrology Cycle	1
		07.02.2025	FRI	1.2 Rainfall: types, intensity, hyetograph,	2
	3RD	10.02.2025	MON	1.3 Estimation of rainfall, rain gauges, Its types(concept only),1.4 Concept of catchment area, types, run-off, estimation of flood discharge by Dicken's and Ryve's formulae	1
				2 Water Requirement of Crops (4P)	4
		14.02.2025	FRI	2.1 Definition of irrigation, necessity, benefits of irrigation, types of irrigation	2
	4TH	17.02.2025	MON	2.2 Crop season,2.3 Duty, Delta and base period their rela	1
		21.02.2025	FRI	2.4 Gross command area, culturable command area, Intensity of Irrigation,irrigable area, time factor, crop ratio 3.1 Canal irrigation, types of canals, loss of water in canals .	2
				3.FLOW IRRIGATION (7P)	7
	5TH	24.02.2025	MON	3.1 Canal irrigation, types of canals, loss of water in canals	1
		28-02-2025	FRI	3.2 Perennial irrigation	2
	2ND	03.03.2025	MON	3.3 Different components of irrigation canals and their functions	1
07.03.2025		FRI	3.4 Sketches of different canal cross-sections	2	
3RD	10.03.2025	MON	3.5 Classification of canals according to their alignment, Various types of canal lining – Advantages and disadvantages	1	

M A Y	1ST	01.04.2025	THU	3.1 Basics- Modify, Wall, Door, Window, Component Room, Roof, Floor, Grid, Lines, Dimension, Section, Level, Text, View.3.2 Modelling- Ramp, Railing, Stair,Practice by student.	3
	2ND	08.02.2025	THU	3.3 Site- Topo surface- Parking Component, Site Component.3.4. Align, Split, Trim, offset, Match type, Line work, Paint, Scale, Unit,Pratice by student.	3
	3RD	15.02.2025	THU	3.5 3D View,Practice by student.3.6 Preparation of approval drawing of a double storied residential building from given specifications with its 3D view using above commands,PREPAIRED BY Student	3
EXTRA CLASS			THU	3.5 3D View,Practice by student.3.6 Preparation of approval drawing of a double storied residential building from given specifications with its 3D view using above commands,PREPAIRED BY Student	1