

Session: 2020-2021

Course: B.Tech.

Department: Civil Engineering

Semester: 7TH

Subject: Irrigation Engineering 2, CE-407-F

Faculty name: Mr. Ankit Sharma

LECTURE PLAN

WEEK	LECTURE	TOPIC	LAB	EXPERIMENT TITLE
1 st	1 st	Design of weirs and barrages on permeable foundation for surface flow conditions	1 st	Drawing of aqueducts
	2 nd	Design of weirs and barrages on permeable foundation for surface flow conditions		
2 nd	1 st	Design Examples	2 nd	Earthen Dams drawings
	2 nd	Design of weirs and barrages on permeable foundation for sub surface flow conditions		
3 rd	1 st	Design of weirs and barrages on permeable foundation for sub surface flow conditions	3 rd	Concrete Dams drawings
	2 nd	Design Examples		
4 th	1 st	Design of Guide Banks	4 th	Drawings of Spillways
	2 nd	Assignment 1		
5 th	1 st	Design of Guide Banks	5 th	Drawings of Spillways
	2 nd	Design examples		
6 th	1 st	Flood Routing using step by step method	6 th	Out let, inlets drawings
	2 nd	Flood Routing using step by step method		
7 th	1 st	Numerical problems	7 th	Culverts drawings
	2 nd	Design of Syphon Aqueduct.		
8 th	1 st	Design of Syphon Aqueduct.	8 th	Head Regulators Drawings
	2 nd	Design examples		
9 th	1 st	Assignment 2	9 th	Drawings of Barrages and Weirs
	2 nd	Design of Sarda type fall		
10 th	1 st	Design of Sarda type fall	10 th	Drawings of Barrages and Weirs
	2 nd	Design examples		
11 th	1 st	Design of sloping glacis fall	11 th	Drawing of fall
	2 nd	Design of sloping glacis fall		

12th	1st	Design examples		
	2nd	Assignment 3		
13th	1st	Design of Ogee Spillway and stilling basin		
	2nd	Design of Ogee Spillway and stilling basin		
14th	1st	Design examples		
	2nd	Design of stilling basin		
15th	1st	Design of stilling basin		
	2nd	Design examples		