

Specimen of lesson Plan

Name of the Faculty Mr. J.P. Bindra
Discipline CIVIL ENGG.
Semester 4TH
Subject IRRIGATION ENGINEERING
Lesson Plan Duration 15 weeks(from January, 2018 to April,2018)

Week	Lecture Day	Drawings Topic (including assignment/test)
1st	1st	WATER SUPPLY AND WASTE WATER ENGINEERING DRAWING:- Drains and Sewers Cross section of standard types of open drains (circular, v-shaped and m-shaped) with their foundations
	2nd	
	3rd	
	4th	IRRIGATION ENGINEERING DRAWING::-Typical cross-section of a channel - L-section of a channel for given data
	5th	
	6th	
	2nd	7th
8th		
9th		
10th		Typical cross section of an unlined and lined channel in cutting, partly cutting and partly filling and fully in filling with given design data
11th		
12th		
3rd	13th	Detailed plan and section of a manhole:-Detailed plan and cross sections of a domestic septic tank with soak pit for 10 and 50 users

	14th	
	15th	
	16th	Layout plan of a canal head works
	17th	
	18th	
4th	19th	Plan of a bathroom showing positions of lavatory, bath tub, wash-basin, taps and showers
	20th	
	21st	
	22nd	Layout plan of a canal head works
	23rd	
	24th	
5th	25th	Practice of reading water supply and sanitary engineering working drawings (PWD/urban Development agencies) including hot water and cold water supply system of a two room set
	26th	
	27th	
	28th	Draw the typical L-section of a weir
	29th	
	30th	
6th	31st	Detailed Layout Plan of Sewage Treatment Plant for a residential area and Effluent Treatment Plant for an industrial unit.
	32nd	
	33rd	
	34th	Draw the X-section of an Earthen Dam:-Homogeneous
	35th	
	36th	
7th	37th	Sheet Checking and viva-voice

	38th	
	39th	
	40th	Sheet Checking and viva-voice
	41st	
	42nd	
8th	43rd	Cross section of earthen ware and RCC sewer pipes Cross sections of masonry sewers (circular and egg shaped)
	44th	
	45th	
	46th	Zoned type
	47th	
	48th	
9th	49th	Detailed plan and section of an inspection chamber , Detailed plan and section of a manhole
	50th	
	51st	
	52nd	Diaphragm type
	53rd	
	54th	
10th	55th	Bath room and W.C connections:-Cross-section through the external wall of lavatories at ground and first floor showing the one and two pipe system and the connections of the lavatory to inspection chamber
	56th	
	57th	
	58th	Sheet Checking and viva-voice
	59th	

	60th	
11th	61st	Sheet Checking and viva-voice
	62nd	
	63rd	
	64th	Cross section of a tube well
	65th	
	66th	
12th	67th	Draw sectional elevation of a two storeyed building showing details of one pipe and two pipes systems with sanitation system
	68th	
	69th	
	70th	Cross section of a tube well
	71st	
	72nd	
13th	73rd	Practice of reading water supply and sanitary engineering working drawings (PWD/urban Development agencies) including hot water and cold water supply system of a two room set
	74th	
	75th	
	76th	Layout and cross section of rain water harvesting system
	77th	
	78th	
14th	79th	Detailed Layout Plan of Sewage Treatment Plant for a residential area and Effluent Treatment Plant for an industrial unit.
	80th	
	81st	
	82nd	Layout and cross section of rain water harvesting system
	83rd	
	84th	
15th	85th	Sheet Checking and viva-voice
	86th	
	87th	
	88th	Sheet Checking and viva-voice
	89th	

90th