

DRONACHARYA

College of Engineering

KHENTAWAS, FARRUKHNAGAR, GURGAON, HR

Department: Civil Engineering

Academic Session: 2017-18 (Jan-June 2018)

Lesson Plan for the Semester started w.e.f 08.01.2018

Subject with code: Sewage and Treatment (CE-308-F)

Name of Faculty with designation : Ms. Ifrah Kathwari (Asst. Professor)

S.No.	Month	Date & Day	Sem-Class	Section/Unit	Topic/Chapter covered	Academic activity	Test / assignment
1	January	16 – JAN	VI-CE	A	Systems of sewerage - separate, combined and partially separate	.....	Assignment of 02 Ques. given
2	January	17 – JAN	VI-CE	A	Quantity of sanitary sewage and variations. Shapes of sewer- circular and egg shaped	.....	Assignment of 02 Ques. given
3	January	18 – JAN	VI-CE	A	self cleansing Velocity and slopes, Construction and testing of sewer lines. Sewer materials, joints and appurtenances	.....	Assignment of 02 Ques. given
4		18 – JAN					
5	January	23 – JAN	VI-CE	A	principal for design of a sanitary plumbing system, Traps function and types	.....	Assignment of 02 Ques. given
6	January	24 – JAN	VI-CE	A	sanitary fittings and other accessories, ventilation of house drainage, waste water recycling in buildin	.....	Assignment of 02 Ques. given
7	January	25– JAN	VI-CE	B	Quality parameters- BOD, COD, Solids, D.O.,	.....	Assignment of 02 Ques. given
8	January	30– JAN	VI-CE	B	Oil & Grease, tests on quality parameters	.....	Assignment of 02 Ques. given
9	January	31– JAN	VI-CE	B	Standards for disposal effluents into inland surface sources and on land. Bangalore method and Indore	.....	Assignment of 02 Ques. given
10	February	1– FEB	VI-CE	B	Disposal of sewage by dilution - self-purification of streams	.....	Assignment of 02 Ques. given
11	February	6– FEB	VI-CE	B	Digestion and disposal of primary and secondary sludge	Assignment of 02 Ques. given

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12	February	7-Feb	VI-CE	B	Factors affecting, sludge digestion tanks, disposal of digested sludge	Assignment of 02 Ques. given
13	February	8-Feb	VI-CE	C	Objectives of sewage Treatment, classification of treatment process	.....	Assignment of 02 Ques. given
14	February	20-Feb	VI-CE	C	Preliminary treatment -screening and grit removal units	.....	Assignment of 02 Ques. given
15	February	21-Feb	VI-CE	C	Theory and design aspects of sedimentation, coagulation, merit and demerits of coagulation	.....	Assignment of 02 Ques. given
16	February	22-Feb	VI-CE	C	Secondary treatment- Biological Filtration	.....	Assignment of 02 Ques. given
17	February	27-Feb	VI-CE	C	Trickling Filter, High rate Trickling Filter advantage and disadvantages, miscellaneous type of filter, Humus tank	.....	Assignment of 02 Ques. given
18	February	28-Feb	VI-CE	C	Stabilization pond, oxidation pond, Oxidation ditches, aeration lagoons	.....	Assignment of 02 Ques. given
19	March	6-Mar	VI-CE	C	Digestion UASB process sequence and efficiencies of conventional treatment units	.....	Assignment of 02 Ques. given
20	March	7-Mar	VI-CE	D	Noise Pollution- Definition and introduction, Effect of Noise, characteristics of sound and it's measurement, level of noise	.....	Assignment of 02 Ques. given
21	March	8-Mar	VI-CE	D	Air pollution –Definition of air pollution, Effects of air pollution, Dispersion of air pollution in atmosphere	.....	Assignment of 02 Ques. given
33	April				3RD SESSIONAL		
34	April	26 TO 30 APR			GENERAL PROFICIENCY		
35	May	10-May			LAST TEACHING DAY		