

PCC-CVE208-P ENVIRONMENTAL ENGINEERING LAB (P)

Name of the Faculty : Mr. MANIK GOYAL
Discipline : B.Tech in Civil Engineering
Semester : IV (2nd Year)
Subject : Environmental Engineering Lab (P)
Lesson Plan Duration : 15 Weeks
Work Load (Lecture / Practical) per week (in hrs.) : Practical – 02

Week	Practical	
	Lecture day	Topic (Including Assignment Test)
1 st	1	Exp.1-Determination of pH & Determination of Conductivity.(Group1)
	2	Exp.1-Determination of pH & Determination of Conductivity.(Group2)
2 nd	3	Exp.2-Determination of Acidity of waste water.(Group1)
	4	Exp.2-Determination of Acidity of waste water.(Group2)
3 rd	5	Exp.3-Determination of Alkalinity of waste Water & Determination of Chlorides.(Group1)
	6	Exp.3-Determination of Alkalinity of waste Water & Determination of Chlorides.(Group2)
4 th	7	Exp.4-Determination of Hardness of waste water & Determination of Fluorides in waste water.(Group1)
	8	Exp.4-Determination of Hardness of waste water & Determination of Fluorides in waste water.(Group2)
5 th	9	Exp.4-Determination of Hardness of waste water & Determination of Fluorides in waste water.(Group1)
	10	Exp.4-Determination of Hardness of waste water & Determination of Fluorides in waste water.(Group2)
6 th	11	Exp.5-Determination of Available Chlorine in bleaching powder.(Group1)
	12	Exp.5-Determination of Available Chlorine in bleaching powder.(Group2)
7 th	13	VIVA- VOCE Group - 1
	14	VIVA – VOCE Group - 2
8 th	15	Exp.6-Conducting Break Point Chlorination Test & Determination of Residual Chlorine. (Group1)
	16	Exp.6-Conducting Break Point Chlorination Test & Determination of Residual Chlorine. (Group2)
9 th	17	Exp.6-Conducting Break Point Chlorination Test & Determination of Residual Chlorine. (Group1)
	18	Exp.6-Conducting Break Point Chlorination Test & Determination of Residual Chlorine. (Group2)

10 th	19	Exp.7-Determination of Dissolved Oxygen & Determination of Chemical Oxygen Demand of waste water.(Group1)
	20	Exp.7-Determination of Dissolved Oxygen & Determination of Chemical Oxygen Demand of waste water.(Group2)
11 th	21	Exp.8-Determination of Biochemical Oxygen Demand of waste water & Conducting Jar test for determining optimum dosage of coagulant.(Group1)
	22	Exp.8-Determination of Biochemical Oxygen Demand of waste water & Conducting Jar test for determining optimum dosage of coagulant. Group2)
12 th	23	Exp.8-Determination of Biochemical Oxygen Demand of waste water & Conducting Jar test for determining optimum dosage of coagulant.(Group1)
	24	Exp.8-Determination of Biochemical Oxygen Demand of waste water & Conducting Jar test for determining optimum dosage of coagulant. Group2)
13 th	25	Exp.9-Determination of Total Solids, Total Dissolved Solids & Settleable Solids. (Group1)
	26	Exp.9-Determination of Total Solids, Total Dissolved Solids & Settleable Solids. (Group2)
14 th	27	Exp.9-Determination of Total Solids, Total Dissolved Solids & Settleable Solids. (Group1)
	28	Exp.9-Determination of Total Solids, Total Dissolved Solids & Settleable Solids. (Group2)
15 th	29	VIVA-VOCE Group- 1
	30	VIVA – VOCE Group - 2