

## PCC-CVE-304-P Sewerage and Sewage Treatment Lab

<b>Name of the Faculty</b>	: Ms. Manju Godara
<b>Discipline</b>	: B.Tech in Civil Engineering
<b>Semester</b>	: VI (3 <sup>rd</sup> Year)
<b>Subject</b>	: Sewerage & Sewage Treatment Lab
<b>Lesson Plan Duration</b>	: 15 Weeks
<b>Work Load (Lecture / Practical) per week (in hrs.)</b>	: Practical – 02

Week	Practical day	Topic (Including Assignment Test)
1 <sup>st</sup>	1	Exp. 1-Determination of pH and Conducting Jar test for determining optimum dosage of coagulant.(Group-1)
	2	Exp. 1-Determination of pH and Conducting Jar test for determining optimum dosage of coagulant.(Group-2)
2 <sup>nd</sup>	3	Exp. 2-Determination of Conductivity. (Group-1)
	4	Exp. 2-Determination of Conductivity.(Group-2)
3 <sup>rd</sup>	5	Exp. 3-Determination of Acidity of sewage.(Group-1)
	6	Exp. 3-Determination of Acidity of sewage.(Group-2)
4 <sup>th</sup>	7	Exp. 4-Determination of Alkalinity of sewage.(Group-1)
	8	Exp. 4-Determination of Alkalinity of sewage.(Group-2)
5 <sup>th</sup>	9	Exp. 5-Determination of Chlorides in sewage.(Group-1)
	10	Exp. 5-Determination of Chlorides in sewage.(Group-2)
6 <sup>th</sup>	11	Exp. 6-Determination of Hardness of sewage.(Group-1)
	12	Exp. 6-Determination of Hardness of sewage.(Group-2)
7 <sup>th</sup>	13	<b>VIVA- VOCE GROUP-1</b>
8 <sup>th</sup>	14	<b>VIVA – VOCE GROUP-2</b>
9 <sup>th</sup>	15	Exp. 7-Determination of Fluorides in sewage.(Group-1)
	16	Exp. 7-Determination of Fluorides in sewage.(Group-2)
10 <sup>th</sup>	17	Exp. 8-Determination of Available Chlorine in bleaching powder. (Group-1)
	18	Exp.8-Determination of Available Chlorine in bleaching powder. (Group-2)
11 <sup>th</sup>	19	Exp. 9-Conducting Break Point Chlorination Test and Determination of Residual Chlorine.(Group-1)
	20	Exp. 9-Conducting Break Point Chlorination Test and Determination of Residual Chlorine.(Group-2)
12 <sup>th</sup>	21	Exp. 10-Determination of Dissolved Oxygen and Determination of Chemical Oxygen Demand of sewage.(Group-1)
	22	Exp. 10-Determination of Dissolved Oxygen and Determination of Chemical Oxygen Demand of sewage.(Group-2)
13 <sup>th</sup>	23	Exp. 11-Determination of Biochemical Oxygen Demand of sewage.(Group-1)
	24	Exp. 11-Determination of Biochemical Oxygen Demand of sewage.(Group-2)
14 <sup>th</sup>	25	<b>VIVA-VOCE Group- 1</b>
15 <sup>th</sup>	26	<b>VIVA – VOCE Group - 2</b>