

## LESSON PLAN

**Name of Faculty : Deepak Panwar**

**Discipline : Civil Engineering**

**L T P**

**Subject : Fluid Mechanics Lab**

**Semester : 3rd**

**4**

**Lesson plan Duration : 15 Weeks**

Week	Lecture Day	PRACTICAL	Delivery Date of Lecture		Whether the Lesson Plan Followed ?
		TOPIC			Yes / No
		(including Assignments / Seminar / Group Discussion / Sessional Tests)	Expected	Actual	
1st	1st	1. To verify Bernoulli's Theorem			
2nd	2nd	2. To find out Venturimeter Coefficient			
3rd	3rd	2. To find out Venturimeter Coefficient			
4th	4th	3. To determine Coefficient of Velocity (Cv), Coefficient of Discharge (Cd) Coefficient of Contraction (Cc) of an orifice and verify the relation between them			
5th	5th	3. To determine Coefficient of Velocity (Cv), Coefficient of Discharge (Cd) Coefficient of Contraction (Cc) of an orifice and verify the relation between them			
6th	6th	3. To determine Coefficient of Velocity (Cv), Coefficient of Discharge (Cd) Coefficient of Contraction (Cc) of an orifice and verify the relation between them			
7th	7th	4. To perform Reynold's experiment			
8th	8th	5. To verify loss of head in pipe flow due to			
9th	9th	5. a) Sudden enlargement			
10th	10th	5. b) Sudden contraction			
11th	11th	5. c) Sudden bend			
12th	12th	Demonstration of use of current meter and pitot tube			
13th	13th	Demonstration of use of current meter and pitot tube			
14th	14th	To determine coefficient of discharge of a rectangular notch and triangular notch.			
15th	15th	To determine coefficient of discharge of a rectangular notch and triangular notch.			