



Techno India NJR Institute of Technology  
Academic Administration of Techno NJR Institute  
Syllabus Deployment

Name of Faculty	: Mr. Bharat Kr. Suthar	Subject Code: 3CE4-22
Subject	: Fluid Mechanics Lab	
Department	: Civil Engineering	Sem: III
Total No. of Lab Planned:	10	

COURSE OUTCOMES HERE (3 OUTCOMES)

At the end of this course students will be able to:

CO1: To verify the theorems in fluid mechanics and calibration of the instruments like Venturimeter, Orificemeter

CO2: Determine different coefficients and factors involved in fluid flow

CO3: Build knowledge on the working principles, components, functions of hydraulic equipment

Lab No.	Exp. No.	Experiment Name
1	1	To study the various pressure measuring devices
2	2	To verify the Bernoulli's theorem
3	3	To calibrate the Venturi-meter
4	4	To calibrate the Orifice-meter
5	5	To determine the meta-centric height
6	6	To determine $C_c$ , $C_v$ , $C_d$ of an orifice
7	7	To determine $C_d$ of a mouthpiece
8	8	To determine $C_d$ of a V-notch
9	9	To determine viscosity of a given fluid
10	10	To study the velocity distribution in pipes

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