



# S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

## Civil Engineering Department

**Subject Name:** Fluid Mechanics & Hydraulics

**Subject Code:** 3140611

Sr.No.	Experiment
1	Measurement of viscosity
2	Study of pressure measurement devices Hydrostatic force and center of pressure on flat/curved surfaces
3	Stability of Floating body
4	Study Characteristics of Laminar and Turbulent flows (Reynolds experiment)
5	Determine Hydraulic coefficients of a small circular orifice.
6	Pipe friction
7	Uniform flow in Open Channel, Similitude and Model Studies