

## **FLUID MECHANICS LAB (P-23.1)**

- 1. To verify Bernoulli's Theorem.**
- 2. To find out Venturimeter coefficient.**
- 3. To determine coefficient of velocity ( $C_v$ ), Coefficient of discharge ( $C_d$ ), Coefficient of Contraction ( $C_c$ ) of an orifice and verify the relation between them.**
- 4. To perform Reynolds's experiment.**
- 5. To verify loss of head in pipe flow due to:**
  - a) Sudden enlargement**
  - b) Sudden contraction**
  - c) Sudden bends**
- 6. Demonstration of use of current meter and pitot tube.**
- 7. To determine coefficient of discharge of a rectangular notch/triangular notch.**

**Department of  
Civil Engineering**