

**GYAN SAGAR COLLEGE OF ENGINEERING**

**DEPARTMENT OF CIVIL ENGINEERING**

**FLUID MECHANICS LAB**

**List of Experiment**

- 1. To determine the local point pressure with the help of pitot tube.**
- 2. To find out the terminal velocity of a spherical body in water.**
- 3. Calibration of Venturimeter**
- 4. Determination of  $C_c$ ,  $C_v$ ,  $C_d$  of Orifices**
- 5. Calibration of Orifice Meter**
- 6. Calibration of Nozzle meter and Mouth Piece**
- 7. Reynolds experiment for demonstration of stream lines & turbulent flow**
- 8. Determination of metacentric height**
- 9. Determination of Friction Factor of a pipe**
- 10. To study the characteristics of a centrifugal pump.**
- 11. Verification of Impulse momentum principle**