

DEPARTMENT OF CIVIL ENGINEERING

HYDRAULIC ENGINEERING LABORATORY

CE8461 (EVEN Semester)

Regulations: R17

List of experiments recommended as per Anna University

1. FLOW MEASUREMENT

- a. Calibration of Rotameter
- b. Calibration of Venturimeter / Orificemeter
- c. Bernoulli's Experiment

2. LOSSES IN PIPES

- a. Determination of friction factor in pipes
- b. Determination of min or losses

3. PUMPS

- a. Characteristics of Centrifugal pumps
- b. Characteristics of Gear pump
- c. Characteristics of Submersible pump
- d. Characteristics of Reciprocating pump

4. TURBINES

- a. Characteristics of Pelton wheel turbine
- b. Characteristics of Francis turbine/Kaplan turbine

5. DETERMINATION OF METACENTRIC HEIGHT

- a. Determination of Metacentric height of floating bodies

List of experiments beyond the Anna University

1. Flow through Orifice, Mouthpiece and Notches

