



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



ACCREDITED BY NAAC



APPROVED BY AICTE



RECOGNIZED BY DSIR

DEPARTMENT OF CIVIL ENGINEERING

Hydraulics Engineering Lab

LIST OF EXPERIMENTS

Cycle - 1

1. Determination of co-efficient of discharge for orifice
2. Determination of co-efficient of discharge for notches
3. Determination of co-efficient of discharge for venturimeter
4. Determination of co-efficient of discharge for orifice meter
5. Study of impact of jet on flat plate (normal / inclined)
6. Study of friction losses in pipes

Cycle – 2

7. Study of minor losses in pipes
8. Study on performance characteristics of Pelton turbine.
9. Study on performance characteristics of Francis turbine
10. Study on performance characteristics of Kaplan turbine
11. Study on performance characteristics of Centrifugal pumps (Constant speed / variable speed)
12. Study on performance characteristics of reciprocating pump.