



SREENIVASA INSTITUTE OF TECHNOLOGY AND MANAGEMENT STUDIES, CHITTOOR (AUTONOMOUS)

Awarded 'A' Grade by Technical Education, Govt. of A.P, Approved by AICTE, New Delhi,

Permanently Affiliated to JNTUA, Ananthapuramu. NBA Accredited for B.Tech – CSE, ECE & MECH Courses

CIVIL ENGINEERING DEPARTMENT

FLUID MECHANICS LAB

Fluid mechanics is the branch of physics which involves the study of fluids (liquids, gases, and plasmas) and the forces on them. The knowledge of applied fluid mechanics plays an important role in design and execution of many civil engineering projects like water supply, sewage system, irrigation channels, power generation etc. Fluid mechanics laboratory is actively engaged in research in a wide range of topics.

List of Equipment:

- Pelton wheel turbine
- Francis turbine
- Piezometers, Manometers, pressure gauges
- Centre of pressure
- Floating body
- Reynolds experimental setup
- Hydraulic bench with modular attachments for various experiments
- Open channel with flow and depth measurement setup etc.
- Kaplan turbine.



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