



**AVIT**  
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## **17CVCC92- FLUID MECHANICS AND STRENGTH OF MATERIALS LAB (UG)**

### **LIST OF EXPERIMENTS**

1. A comparative analysis of Coefficient of discharge using Orifice meter & venture meter.
2. Determination of pipe loses (major & minor).
3. Determination of Tensile strength and Compression strength on a given specimen.
4. Determination of shear strength of Mild steel and Aluminium rods
5. Determination of Torsional strength of mild steel rod
6. Determination of Impact strength
7. Conduct of Hardness test on metals - Brinell and Rockwell Hardness.
8. Conduct of Deflection test on beams