

## **FLUID MECHANICS-I**

**BECVE503P**

**Evaluation Scheme: (25-Internal/25-External)**

**(P – 2 Hrs/Week); Total Credit - 1**

**Minimum eight practicals from the given below list should be performed**

1. To verify Bernoulli's theorem
2. To determine the coefficient of discharge of Venturimeter
3. To determine the coefficient of discharge of Orifice meter
4. To determine the coefficient of discharge of Rectangular Notch
5. To determine the coefficient of discharge of Triangular Notch
6. To determine the coefficient of discharge of an orifice of a given shape. Also to determine the coefficient of velocity and the coefficient of contraction of the orifice and mouth piece.
7. To verify the momentum equation using the experimental set-up on diffusion of submerged air jet.
8. To determine the variation of friction factor 'f' for turbulent flow in commercial pipes.
9. To study the transition from laminar to turbulent flow and to determine the lower critical Reynolds number