

MVSR Engineering College, Nadergul.

Department of Mechanical Engineering

COURSE OUTCOMES

Class: B. E. 2nd Year I Semester

Name of the course: **Fluid Dynamics**

Course Name (Code): CE 271

At the end of the course student is able to

CO.No.	Course Outcome	POs
CE 271.1	Classify and exploit fluids based on the physical properties.	PO1,PO2,PO3,PO4,PO5,PO10,PSO1
CE 271.2	Apply correctly the conservation principles of mass, linear momentum, and Energy to fluid flow systems and understand the use and limitations of Bernoulli's equation and apply it to solve a variety of fluid flow problems.	PO1,PO2,PO3,PO4,PO5,PO10,PSO1
CE 271.3	Understand various velocity, pressure and flow rate measurement techniques and learn their advantages and disadvantages in internal and open channel flows.	PO1,PO2,PO4,PO5,PO10,PSO1
CE 271.4	Differentiate the Laminar and Turbulent flows and predict boundary layer thickness and other boundary layer properties.	PO1,PO2,PO3,PO4,PO5,PO10,PSO1
CE 271.5	Demonstrate the ability to Compute the lift, and drag acting on simple aerodynamic profiles by understanding the phenomena associated with external flows.	PO1,PO2,PO3,PO4,PO5,PO10,PSO1
CE 271.6	Apply the concepts of compressible flow to aero space systems.	PO1,PO2,PO3,PO4,PO5,PO10,PSO1