

Course No.	Course Title	Credits	Pre-requisite	Learning Type
0706332	<b>Fluid Mechanics and Hydraulics</b>	3	<b>0706212 0706271</b>	Face-to-face
<p>Fluid properties, basic units. Fluid statics, pressure and its measurements, force on plane and curved submerged surfaces, buoyancy and stability, fluid in motion, flow kinematics and visualization, basic control volume approach, continuity equation, pressure variation in flowing fluids, Euler's and Bernoulli's equations, application of Bernoulli's equation, Momentum equation and its applications to fluids, energy equation and its applications to fluids, flow in conduits, laminar and turbulent flows, frictional and minor losses, Pumps, Drag and lift forces, Flow in open channel.</p>				