



**Tulsiramji Gaikwad-Patil College of Engineering and  
Technology**

Wardha Road, Nagpur-441 108

**NAAC Accredited (A+ Grade)**

**Second Year (Semester-III) B.Tech. Aeronautical Engineering**



**BAE2303:FLUID MECHANICS AND MACHINERY**

<b>BAE2303</b>	<b>COURSE OUTCOMES</b>
<b>CO1</b>	<b>Comprehend</b> the basic principles of fluid mechanics and apply the knowledge in solving problems on fluid measurements.
<b>CO2</b>	<b>Analyze</b> types and properties of the fluid flow and solve the problems on potential function, stream function and Bernoulli's principle.
<b>CO3</b>	<b>Investigate</b> the viscous flow and solve the problems on boundary layer theory, laminar and turbulent and flow through pipes.
<b>CO4</b>	<b>Solve</b> problems on the compressibility effect and governing equations of fluid flow.
<b>CO5</b>	<b>Estimate</b> the performance of different fluid machineries, study their application and classification.