



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

Wardha Road, Nagpur-441 108

**NAAC Accredited with A+ Grade**

**(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)**



**Program: B.Tech. Civil Engineering**

**Semester IV**

BCE2401 : Hydrology & Water Resources

	<b>Course Outcomes</b>	<b>CL</b>	<b>Class Sessions</b>
<b>BCE2401.1</b>	<b>Describe</b> knowledge of hydrology as well as measurement of precipitation	2	9
<b>BCE2401.2</b>	<b>Apply</b> knowledge of basics of hydrology in calculating infiltration, evaporation, total runoff.	3	10
<b>BCE2401.3</b>	<b>Classify</b> the components and factors affecting the runoff, as well as analyze the hydro-graphics.	2	8
<b>BCE2401.4</b>	<b>Analyze</b> the flood occurrence & frequency by applying Statistical techniques	4	10
<b>BCE2401.5</b>	<b>Apply</b> the knowledge of geo-hydrology & groundwater recharge terms in planning, assessing & computation of ground water potential and its assessment techniques.	3	9