



**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**

**BCE2407: Transportation Engineering Lab**

	<b>Course Outcomes</b>	<b>CL</b>	<b>Lab Sessions</b>
<b>BCE2407.1</b>	<b>Identify</b> the properties of highway materials and draw appropriate conclusion	2	4
<b>BCE2407.2</b>	<b>Determine</b> the properties of aggregate used for road construction	3	8
<b>BCE2407.3</b>	<b>Determine</b> flakiness index & elongation index of aggregate.	3	4
<b>BCE2407.4</b>	<b>Evaluate</b> the suitability of bitumen and check the properties of bitumen by Penetration & Ductility tests	5	4
<b>BCE2407.5</b>	<b>Relate</b> complete knowledge of softening point, Flash and Fire point of bitumen.	4	4