



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

Wardha Road, Nagpur - 441108

Accredited with NAACA+Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to RTM Nagpur University, Nagpur)



**Department of Sciences and Humanities**

**Course Name BSH1X02: Engineering Applied Physics**

<b>BSH1X02</b>	<b>Course Outcomes</b>
CO1	<b>Differentiate</b> the Crystal geometry and the behavior of solids along with their mechanical, electrical, magnetic, optical and metallurgical activities.
CO2	<b>Apply</b> the basic concept of motion of charged particle in electromagnetic fields to solve numerical problem.
CO3	<b>Use</b> the semiconductors to develop device like Diode and transistors and their application in engineering.
CO4	<b>Illustrate</b> the several limiting cases of simple and important wave types which establish the connection between the ray optics and wave optics.
CO5	<b>Determine</b> the effect of Force, concept of inertia; laws of motion apply on body.