



**TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology**

Wardha Road, Nagpur - 441108  
Accredited with NAAC A+ Grade

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institute Affiliated to RTM Nagpur University)







Department of Basic Sciences & Humanities

## Second Semester Autonomous Course Outcome (COs)

### Solid State Physics & Optics: BSH31208

Course Code	Course Outcomes
BSH31208.1	<b>Interpret</b> the Crystal geometry, the behavior of solids and different characteristics of cubic crystal structure.
BSH31208.2	<b>Illustrate</b> the concept of motion of charged particle in electric field, magnetic field and cross configured field.
BSH31208.3	<b>Explain</b> PN junction diode, Zener diode, Light emitting diode and transistor with their application in engineering field.
BSH31208.4	<b>Analyze</b> the concept of interference in parallel and wedge shaped thin film and their application in engineering field..
BSH31208.5	<b>Explain</b> the characteristics of laser and their application in engineering.

				Aug, 2023	1.00	Applicable for AY 2023-24 Onwards
Chairperson	Dean Academics	Vice Principal	Principal	Date of Release	Version	