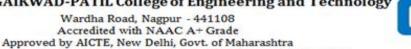




## TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology



(An Autonomous Institute Affiliated to RTM Nagpur University)

## Department of Basic Sciences & Humanities

## **Second Semester Autonomous Course Outcome (COs)**

## **Solid State Physics & Optics: BSH31208**

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

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