



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

First Semester Autonomous Course Outcome (COs)

Quantum Physics & Optics: BSH31102

Course Code	Course Outcomes
BSH31102.1	Interpret the behavior of wave particle duality, wave packet with their quantum application
BSH31102.2	Illustrate the concept of motion of charged particle in electric field, magnetic field and cross configured field. .
BSH31102.3	Explain PN junction diode, Zener diode, Light emitting diode and transistor with their application in engineering field.
BSH31102.4	Differentiate interference phenomenon in parallel and wedge-shaped thin film and their application in engineering field.
BSH31102.5	Classify types of optical fiber and their application in various fields.

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