



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 Institution Affiliated to RTM Nagpur University)



Department of CSE (Data Science)

B. Tech V Semester in CSE (Data Science)

Course Name: BDS3508 Program Elective-I Wireless Security

BDS3503 Course Outcomes	
After the completion of this course, students will be able to-	
BDS3508.1	Analyze concepts of wireless communication technologies, including Wi-Fi, Bluetooth, Zigbee, and cellular networks.
BDS3508.2	Estimate common security challenges and threats specific to wireless networks.
BDS3508.3	Apply cryptographic techniques and algorithms used to secure wireless communications.
BDS3508.4	Analyze common vulnerabilities in wireless networks, including signal interception, jamming, spoofing, and man-in-the-middle attacks.
BDS3508.5	Appraise emerging trends and technologies in wireless security, such as IoT security, 5G security challenges, and advancements in wireless encryption.