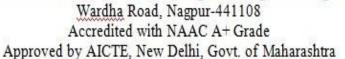




## TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology





(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  | <b>Apply</b> 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  | <b>Appraise</b> emerging trends and technologies in wireless security, such as IoT security, 5G security challenges, and advancements in wireless encryption. |