



# TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108  
Accredited with NAAC A+ Grade & NBA Accredited (EE, ME, CE & ECE)  
Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



## Department of Electronics & Communication Engineering

B.Tech Electronics & Communication Engineering

Course Name: BEC3504: Analog & Digital communication Lab

BEC3504	Course Outcome
1.	<b>Understand</b> the concepts of analog modulation and demodulation techniques
2.	<b>Examine</b> the function of radio transmitters and receivers and familiarize with noise performance of various receivers
3.	<b>Understand</b> various digital modulation schemes and matched filter receiver
4.	<b>Analyze</b> various digital pass band data transmission schemes, data transmission using spread spectrum and error coding techniques
5.	<b>Analyze</b> the operation of analog and digital communication systems and take measurement of various communication systems to compare experimental results in the laboratory with theoretical analysis