



**TULSIRAMJIGAIKWAD-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 Electronics & Communication Engineering

B.Tech Electronics & Communication Engineering

Course Name: **BEC3501**: Analog And Digital Communication

<b>EC3501</b>	<b>Course Outcome</b>
CO1	Explain the concepts of modulation and demodulation techniques of amplitude modulation
CO2	Determine the concept of angle modulation in FM transmitter and receiver with radio receivers parameters.
CO3	Examine the digital modulation schemes PCM ,DM,ADM with their limitations
CO4	Apply the digital pass band data transmission schemes of ASK,FSK,PSK,QAM,QPSK and FDM,TDM techniques.
CO5	Analyze the line coding techniques and spread spectrum techniques of DSSS,FHSS and CDMA