



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 Electronics & Communication Engineering

B.Tech Electronics & Communication Engineering

Course Name: BEC32303 : Electronics Devices & Circuit

BEC32303	Course Outcome
CO1	Interpret the applications and operating principles of the diode and Zener diode semiconductor devices.
CO2	Explain the operation and configuration of BJT transistors in CB, CE, and CC, biasing and stability concerns
CO3	Examine the characteristics of FET's and Power devices, and analysis of FET using small signal model
CO4	Design Power amplifier circuits using transistor, and operation principal of a Class A, Class B, Class AB, and Class C power amplifier circuits with cross over distortion.
CO5	Examine the operation and characteristics of Enhancement and Depletion type MOSFETs and their analysis using small signal model.