



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, Nagpur)



Department of Electronics and Communication Engineering

M.Tech Electronics (Communication)

Course Name MEC1108: Active RF Device and Circuits (Professional Elective-II)

MEC1108	Course Outcomes
CO1	Determine the various parameter of transmission line by using of Smith chart.
CO2	Analyze the parameters of active devices to design microwave semiconductor devices.
CO3	Evaluate of RF Amplifier and low noise amplifier.
CO4	Design a RF mixer Circuit.
CO5	Design oscillators, Phase Locked Loop.