



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 Electrical Engineering

M.Tech Integrated Power System

Course Name **MIP1102: Power Quality**

MIP1102	Course Outcomes
CO1	Analyze the various power quality events like short and long duration variations, Waveform distortion, Unbalance, Transients, Power factor etc.
CO2	Apply the knowledge about the harmonics, harmonic introducing devices and effect of harmonics on system equipment and Non Linear loads.
CO3	Apply suitable mitigation strategies for some of the power quality issues.
CO4	Judge the mitigation of power quality issues like waveform distortion, unbalance, and poor power factor.
CO5	Select appropriate of Power Quality Improvement Methods.