



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 **MIP1207: FACTS and Custom Power Devices**

MIP1207	Course Outcomes
CO1	Analyze the performance of Transmission line with and without FACTS Devices.
CO2	Relate Static VAR Compensator (SVC) and Static Synchronous Compensator (STATCOM).
CO3	Correlate the operation and control of various Static Series Compensators.
CO4	Articulate Sub Synchronous Resonance and how it is mitigated and the operation and control of UPFC.
CO5	Illustrate various power quality issues and how are they mitigated by various FACTS Devices.