



**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)



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## Department of Electrical Engineering

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### B.Tech. Electrical Engineering

**Course Name: BEE3501: Control System Engineering**

BEE3501	Course Outcomes
CO1	<b>Illustrate</b> the Feedback in control system with block diagram representation of closed loop control system.
CO2	<b>Estimate</b> the system response and stability in time-domain specifications.
CO3	<b>Analyze</b> the techniques like Root locus, Routh Hurwitz criterion and check the stability of the systems.
CO4	<b>Differentiate</b> the Polar, Nyquist & Bode plots in frequency response analysis of control system.
CO5	<b>Obtain</b> the models of dynamic systems for transfer function and state space forms.