



**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: BEE3511: Wind Energy & its Utilization**

BEE3511	Course Outcomes
CO1	<b>Explain</b> the wind energy conversion system with the help of block diagram
CO2	<b>Evaluate</b> the performance of Wind Power Plant on the basis of rotor performance of the wind turbine.
CO3	<b>Describe</b> the role of power electronics converter in control strategies of Wind Power Plant
CO4	<b>Summarize</b> the power quality issues of a grid connected Wind Power Plant
CO5	<b>Demonstrate</b> the role of Government of India in the development of Wind Power in India.