



**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

---

### B. Tech. Electrical Engineering

**Course Name: BEE3507: Solar Energy & its Utilization**

BEE3507	Course Outcomes
CO1	<b>Interpret</b> the fundamental requirements of Energy Resources and Solar Spectrum
CO2	<b>Analyze</b> parameters for Solar Radiation and its Measurement.
CO3	<b>Calculate</b> radiation parameters by using given methods.
CO4	<b>Illustrate</b> thermo dynamics cycles for extraction of heat in thermal power plant.
CO5	<b>Evaluate</b> the efficiency of solar energy conversion system using specific parameters.