



TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade & NBA Accredited (EE, ME, CE & ECE)

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



Aeronautical Engineering Department

BME33501: Heat Transfer

BME33501	Course Outcomes	CL
BME33501.1	Compare the different modes of heat transfer and calculation of thermal resistance and Thermal Conductivity	3
BME33501.2	Apply internal heat generation concepts to calculate heat transfer rates and understand the significance of different types of fins	3
BME33501.3	Apply empirical correlations to estimate forced and free convection heat transfer in internal and external flows."	3
BME33501.4	Evaluate heat transfer rate by radiation from ideal and actual surfaces and enclosures of different geometries.	5
BME33501.5	Evaluate heat exchanger performance for the parallel and counter flow.	5