



## TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology Wardha Road, Nagpur - 441108

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)

Department of Biotechnology

## B. Tech Biotechnology Course Name BBT4701: Fermentation Technology

BBT4701	Course Outcomes
CO1	<b>Apply</b> fermentation principles to select microbial cultures and optimize media formulation.
CO2	Analyze growth kinetics to design and optimize fermentation media and processes.
CO3	<b>Evaluate</b> and control fermentation parameters in various fermenter types.
CO4	<b>Develop</b> and optimize processes for producing industrial alcohol, glycerol, acetone, butanol, and Vitamin B12.
CO5	<b>Design</b> and implement processes for producing xanthan gum, PHA, biofertilizers, biopesticides, and biosurfactants.