



Tulsiramji Gaikwad-Patil College of Engineering and Technology

Wardha Road, Nagpur-441 108

NAAC Accredited with A+ Grade

(An Autonomous Institute Affiliated to RTM Nagpur University, Nagpur)



Program: B.Tech. Civil Engineering

Semester VII

BCE4701: Estimating & Costing

	Course Outcomes	CL	Class Sessions
BCE4701.1	Prepare the tender documents; fill the contracts by using the knowledge of contract submission and opening in awarding the work to the contractor.	6	9
BCE4701.2	Relate the concept of SD, EMD, MAS, Running Bill, Final Bill during the entire project.	4	9
BCE4701.3	Apply the preliminary estimate for administrative approval and technical sanction for a civil engineering project.	3	9
BCE4701.4	Apply the technique of Rate analysis in estimating the exact cost of material and manpower and hence the entire project.	3	9
BCE4701.5	Analyze the bill of quantities using the types of preliminary techniques and detailed estimation of buildings and roads.	4	9