



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 Institute Affiliated to RTM Nagpur University, Nagpur)



Department of Information Technology

(B.Tech. IV Semester)

Course Name BIT2405: Design and Analysis of Algorithms

BIT2405.1	Course Outcomes
IT2405.1	Analyze any given algorithm and express its complexity in asymptotic notation
IT2405.2	Propose appropriate algorithmic strategy for any given problem
IT2405.3	Design algorithms based on strategy to solve problem base on time and space efficiency.
IT2405.4	Classify algorithms as deterministic polynomial time and non-deterministic polynomial time
IT2405.5	Analyse optimal algorithms for deterministic polynomial time problems and approximate algorithms for Non-deterministic polynomial time problems