



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)



Department of CSE (Data Science)

B. Tech V Semester in CSE (Data Science)

Course Name: BDS3503 Design & Analysis of Algorithms

BDS3503 Course Outcomes	
After the completion of this course, students will be able to-	
BDS3503.1	Analyze recurrence relations for algorithms by using mathematical formulation and complexity analysis.
BDS3503.2	Implement algorithms for fundamental problem-solving paradigms.
BDS3503.3	Analyze Dynamic programming Paradigms to solve problems.
BDS3503.4	Implement efficient solutions for computational challenges.
BDS3503.5	Execute solutions of NP class problems using algorithm.