



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 III Semester in CSE (Data Science)

Course Name: BDS32301 Data Structure and Algorithm

Course Outcomes		Cognitive Level
After the completion of this course, students will be able to-		
BDS32301.1	Categorize essential data structures and understand when it is appropriate to use.	4
BDS32301.2	Analyze use of Abstract data types & ways in which ADTs can be stored, accessed and manipulated	4
BDS32301.3	Implement the linear Data Structure such as stack and queue.	3
BDS32301.4	Analyze the Binary tree with their operations based on applications	4
BDS32301.5	Evaluate with analysis of efficiency and proofs of correctness of Graphs as a data structure.	5