



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. V Semester)

Course Name BIT3503: Theory of Computation

BIT3503	Course Outcomes
BIT3503.1	Apply basic properties of formal languages to construct Finite automata.
BIT3503.2	Design Finite Automata's for different Regular Expressions and Languages.
BIT3503.3	Compare different types of grammar & Test the equivalence of pushdown automata and CFL.
BIT3503.4	Create a computational model using Turing machine for the given problem.
BIT3503.5	Demonstrate basic concept of undecidability, post Correspondence problem & Recursive enumerable language