



TULSIRAMJI GAIKWAD-PATIL COLLEGE OF ENGINEERING & TECHNOLOGY

Wardha Road, Nagpur - 441108

Accredited with NAAC A+ Grade & NBA Accredited (EE, ME, CE & ECE)

Approved by AICTE, New Delhi, Govt. of Maharashtra

(An Autonomous Institution Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur)



Department of Artificial Intelligence & Machine Learning

B.Tech. Artificial Intelligence & Machine Learning

Course Name: **BAI12301: Artificial Intelligence**

BAI12301	Course Outcomes
CO1	Understand the principles and applications of Artificial Intelligence, including intelligent agents and problem-solving strategies.
CO2	Apply search algorithms and heuristics to solve AI problems effectively.
CO3	Represent knowledge using logic, semantic networks, and inference techniques for AI reasoning.
CO4	Develop basic machine learning models and implement game-playing strategies like Min-Max and Alpha-Beta pruning.
CO5	Explain generative AI concepts and use foundational models and techniques for multimodal data generation and retrieval-augmented generation.