



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 VII Semester in CSE (Data Science)

Course Name: BDS4712 PEC – VI (Artificial Neural Network)

BDSXX19	Course Outcomes
After the completion of this course, students will be able to-	
BDS4712.1	Explain the fundamental concepts and architectures of artificial neural networks.
BDS4712.2	Apply backpropagation and optimization techniques to train neural network models.
BDS4712.3	Design neural network models for specific applications using modern frameworks.
BDS4712.4	Evaluate the performance of neural networks and address challenges like overfitting and bias.
BDS4712.5	Analyze emerging trends and ethical considerations in neural network applications.