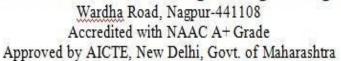




## TULSIRAMJI GAIKWAD-PATIL College of Engineering and Technology





(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	<b>Explain</b> the fundamental concepts and architectures of artificial neural networks.
BDS4712.2	<b>Apply</b> backpropagation and optimization techniques to train neural network models.
BDS4712.3	<b>Design</b> neural network models for specific applications using modern frameworks.
BDS4712.4	<b>Evaluate</b> the performance of neural networks and address challenges like overfitting and bias.
BDS4712.5	<b>Analyze</b> emerging trends and ethical considerations in neural network applications.