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.