

# Deep Learning Techniques



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S.No.	Date	Title	Page No.	Teacher's Sign / Remarks
1.	24/7/25	Exploring the Deep Learning platform		<del>100</del> c.
2.	7/8/25	KNN classifier using open source dataset		<del>100</del> <del>17/7/28/25</del>
3.	7/8/25	Study of KNN, Decision Tree, Random Forest, SVM		<del>100</del> <del>17/7/28/25</del>
4.	14/8/25	Build a simple FFNN's to recognize handwritten character		<del>100</del> <del>11/4/18/25</del>
5.	22/8/25	Study of Activation function and its role		<del>100</del> <del>17/9/18/25</del>
6.	9/9/25	Implement Gradient Descent and Backpropagation in DNN		<del>100</del> <del>17/9/18/25</del>
7.	16/9/25	Implementation of CNN to classify 2+ve Dog images		<del>100</del> <del>17/27/9/25</del>
8.	23/9/25	Experiment using LSTM		<del>100</del> <del>17/9/18/25</del>
9.	30/9/25	Build a Recurrent Neural Network		<del>100</del> <del>17/9/18/25</del>
10.	9/10/25	perform Compression on MNIST dataset using Autoencoder		<del>100</del>
11.	9/10/25	Experiments using Variational Autoencoder		<del>100</del>
12.	17/10/25	Implement a Deep Convolutional GAN to generate Complex images		<del>100</del>
13.	17/10/25	Understanding the architecture of a pre Trained model		<del>100</del>
14.	27/10/25	Implement a feature extractor using Transfer learning on a pre trained CNN model as a		<del>100</del>
15.	27/10/25	Implement a YOLO model to detect objects		<del>100</del> <del>17/11/25</del>

Completed  
17/11/25