INDEX

NAME S.RUPESH SUBJECT Deep learning techniques

STD. AI DIV. A ROLL NO. 50 SCHOOL

SR. NO.	PAGE NO.	TITLE	DATE	TEACHER'S SIGN / REMARKS
1.		Exploring deep learning platform	24/07/25	
2.		Implement a classifier using open source	31/07/25	
3.		Study of the classifier with respect to statistical parameter.	7/08/25	
			14/08/25	
4.		Build a simple feed forwarding neural network to recognize handwritten characters.		
5.		Study of activation function & their role	21/08/25	
6.		Implementation of gradient descent and backpropagation in DLP learning	04/09/25	
7.		To build a CNN model to classify dogs and cats	16/9/25	

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8.	10/10/25	using LSTM Algorithm		
9.	10/10/25	Build a RNN - Recurrent neural network.		
10.	17/10/25	Perform compression on MNIST dataset using autoencoder		
11.	17/10/25	experiment using variational ~~ae~~ autoencoder.		
12.		Implement a deep convolutional GAN to generate complex color images.		
13.		understanding the architecture of pre-trained model		
14.		Implement a pre-trained CNN model as a feature extractor using transfer learning model		
15.		Implement a YOLO model to detect object.		

Completed 31/11/25