ETUA40182A:DEEP LEARNING

Sr.No	Plan Data	Unit	Topic	Problem Statement	Resource
1	24-Aug-2022	-	-	Programming for Visualization of CNN's.	
2	07-Sep-2022	-	-	Develop a program using tensorflow and keras libraries to implement CNN based architecture which will detect the objects in the test images and provide its class and bounding box location as an output.	
3	14-Sep-2022	-	-	Implementation of RNN for text Classification.	
4	21-Sep-2022	-	-	Develop and test Autoencoder for MNIST data.	
5	19-Oct-2022	-	-	Implement and test Variational Autoencoder /Convolutional VAE over MNIST dataset. Compare its performance over Autoencoder.	
6	09-Nov-2022	-	-	Develop the Generator and discriminator in Generative adversarial network and test over MNIST dataset.	
7	23-Nov-2022	-	-	Develop a cycle GAN for pixel to pixel translation based application.	