

~TABLE OF CONTENTS~

Name:	Enrolment No:	Semester:
--------------	----------------------	------------------

Sr. No	Name of the Experiment	Date	Page No.	Signature	Remarks
1	Write a code to read a dataset using the appropriate python library and display it.				
2	Write a code to create Perceptron algorithms for the following logic gates 1. AND 2. OR 3. NOT 4. NAND 5. NOR 6. XOR				
3	Implementation of Multi-layer network and study various parameters for any application				
4	1.Study of Tensor Flow, Keras and PyTorch Frameworks 2. Implementation of Back-propagation Algorithm for AND, OR and NOT Gates				
5	Implement digit recognition for MNIST dataset using pre-trained models				
6	Implement CNN architecture for Classification task				
7	Implement LSTM model and test it for a given dataset				
8	Implement GRU model and test it for a given dataset				
9	Study of Autoencoder and decoder model				
10	Study of Generative models and its applications				
11	Mini Project				

