KONGU ENGINEERING COLLEGE

(Autonomous)

Perundurai, Erode – 638060

DEPARTMENT OF COMPUTER APPLICATIONS

24MCF07 – DEEP LEARNING LABORATORY

Name	:	**SIVASUBRAMANAIN S**
Register Number	:	24MCR104
Branch	:	Computer Applications
Semester	:	III

Certified that this is a bonafide record of work done by the above student for **24MCF07 – DEEP LEARNING LABORATORY** during the academic year **2025- 2026.**

Course-in-Charge **Head of the Department**

Submitted for the End Semester Examination held on _____

Examiner -1 **Examiner -2**

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LIST OF EXPERIMENTS

S.No	Date	Exercise Name	Page No.	Marks	Signature
1		IMPLEMENT SIMPLE PERCEPTRON LEARNING			
2		MULTILAYER PERCEPTRON WITH HYPERPARAMETER TUNING			
3		GENERATE SYNTHETIC IMAGES USING DATA AUGMENTATION			
4		ROLE OF IMAGE DATA GENERATOR CLASS IN DATA AUGMENTATION			
5		CNN PROCESS FOR IMAGE CLASSIFICATION.			
6		RNN ARCHITECTURE FOR TIME SERIES DATA.			
7		NLP TEXT ANALYSIS STEPS			
8		DEEPDREAM & NEURAL STYLE TRANSFER			
9		VARIATIONAL AUTOENCODER (VAE) FOR SYNTHETIC IMAGES			
10		GAN (GENERATIVE ADVERSARIAL NETWORK)			