INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (AI&ML)
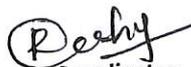
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. RESHMA	Department:	Computer Science and Engineering (AI&ML)
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Deep Neural Networks Laboratory	Course Code:	ACAC25
Semester:	VII	Target Value:	70% (2.1)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand the concepts of machine learning algorithms and deep neural networks for solving domain specific problems.	3.00	0.00	3	Attained
CO2	Select the concept of multi-layer perceptron and use the regularization technique to prevent the problem of model overfitting.	3.00	0.00	3	Attained
CO3	Make use of the activation functions and interpret how the performance of a CNN model varies during various classification tasks.	3.00	0.00	3	Attained
CO4	Develop the auto encoders and decoders to reconstruct the initial data from noisy data and visualize the inputs with encoded representations.	3.00	0.00	3	Attained
CO5	Construct a simple possible autoencoder and configure the model using different entropies and optimizers for dimensionality reduction.	3.00	0.00	3	Attained
CO6	Examine the recurrent neural networks and analyze how they predict the next possible outcomes for a given input.	3.00	0.00	3	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

Course Coordinator

Mentor

Head of the Department