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:	**Dr. M NAGARAJU**	Department:	**Computer Science and Engineering (AI & ML)**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
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
Head of the Department
Artificial Intelligence & Machine Learning
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