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. B PADMAJA**	Department:	**Computer Science and Engineering (AI & ML)**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
Course Name:	**Image and Speech Processing Laboratory**	Course Code:	**ACAC11**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the fundamental concepts of digital signal processing and Image processing.	2.30	0.00	2.3	Attained
CO2	Illustrate the Implement of components in speech processing systems including speech recognition and speaker recognition, in MATLAB.	2.30	0.00	2.3	Attained
CO3	Construct image intensity transformation and filtering techniques for image enhancement in the spatial and frequency domain.	2.30	0.00	2.3	Attained
CO4	Apply the Edge detection technique of image processing and us identifying the points in a digital image with discontinuities	2.30	0.00	2.3	Attained
CO5	Analyze images in the frequency domain using various transforms like Fourier Transform (FT) and fast Fourier Transform (FFT) on the audio.	2.30	0.00	2.3	Attained
CO6	Analyze images in the frequency domain using Recognize speech from audio data using different APIs signal	2.30	0.00	2.3	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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