

**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:	Mr. R A V KRISHNA RAO	Department:	Computer Science and Engineering (AI&ML)
Regulation:	IARE - R20	Batch:	2021-2025
Course Name:	Image and Speech Processing	Course Code:	ACAC05
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	make use of image tranforamtion techniques for analyzing images in transformation domain for image pre-processing	3.00	1.90	2.8	Attained
CO2	List the lossy and lossless compresion models for achieving image compression	3.00	1.90	2.8	Attained
CO3	Illustrate the difference between acoustic phonetic and articulatory phonetics for speech processing	3.00	1.90	2.8	Attained
CO4	Utilize digital model designed by sampled speech signal for speech processing applications like speech synthesis, speech recognition and verification	2.70	1.90	2.5	Attained
CO5	Analyze methods to esimate pitch period to design vocoders,artificial intelligence voice-controlled assistants like Alexa	3.00	1.90	2.8	Attained
CO6	Apply linear predictive coding for speech synthesis,compression and spectrographic displays	3.00	1.90	2.8	Attained

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

Course Coordinator

Mentor

Head of the Department

Artificial Intelligence & Machine Learning
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043