



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. L BABITHA	Department:	Computer Science and Engineering (AI&ML)
Regulation:	IARE - UG20	Batch:	2022-2026
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	2.30	2.10	2.3	Attained
CO2 List the lossy and lossless compresion models for achieving image compression	3.00	2.10	2.8	Attained
CO3 Illustrate the difference between acoustic phonetic and articulatory phonetics for speech processing	3.00	2.10	2.8	Attained
CO4 Utilize digital model designed by sampled speech signal for speech processing applications like speech synthesis, speech recognition and verification	2.30	2.10	2.3	Attained
CO5 Analyze methods to esimate pitch period to design vocoders,artificial intelligence voice-controlled assistants like Alexa	3.00	2.10	2.8	Attained
CO6 Apply linear predictive coding for speech synthesis,compression and spectrographic displays	2.30	2.10	2.3	Attained

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

Babitha
Course Coordinator

[Signature]
Mentor

[Signature]
Head of the Department
Head of Department
CSE (Artificial Intelligence & Machine Learning)
INSTITUTE OF AERONAUTICAL ENGINEERING
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