


INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. MALLIKARJUN YARAMADHI	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Computer Vision	Course Code:	ACDC21
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Demonstrate the fundamental image processing techniques, including classical filtering, thresholding, edge and corner detection, mathematical morphology, and texture analysis, for effective digital image interpretation.	3.00	2.30	2.9	Attained
CO2	Apply object labeling, boundary tracking, centroidal profiles, chain codes, and moment-based descriptors to analyze digital shapes.	3.00	2.30	2.9	Attained
CO3	Apply Hough Transform-based techniques, including line, circle, and ellipse detection, to accurately localize geometric structures in real-world image processing applications.	3.00	2.30	2.9	Attained
CO4	Apply projection models, triangulation, and motion estimation techniques for multiple video image sequences.	3.00	2.30	2.9	Attained
CO5	Apply face detection, recognition techniques, and tracking methods to solve practical computer vision application problems.	3.00	2.30	2.9	Attained
CO6	Design computer vision system by integrating image processing, and face- and motion-based analysis techniques to solve complex real-world visual understanding problems.	3.00	2.30	2.9	Attained

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

Course Coordinator

Head of the Department

Head of the Department