

**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:	Dr. GANAPATHI RAO GAJULA	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Image Processing and Analysis	Course Code:	ACDC08
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand the principles of image processing and techniques for describing the Digital Imaging System (DIS)	0.90	2.00	1.1	Not Attained
CO2	Analyze various techniques for image enhancement and develop image restoration models	0.90	2.10	1.1	Not Attained
CO3	Apply image segmentation methods for transforming the image and conduct Image Morphology	0.90	2.00	1.1	Not Attained
CO4	Apply image segmentation techniques for the classification of image using the features of the image	0.90	2.00	1.1	Not Attained
CO5	Understand the different techniques for image registration	0.90	2.00	1.1	Not Attained
CO6	Analyze the Visualization methods and apply them for 2D and 3D images	0.90	2.00	1.1	Not Attained

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

CO1: Conducted remedial sessions with visual examples to improve understanding of image processing fundamentals and Digital Imaging Systems.

CO2: Provided additional practice and case studies on image enhancement and restoration techniques

CO3: Increased hands-on exercises for image segmentation and morphology operations.

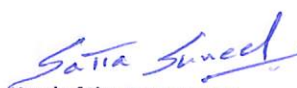
CO4: Organized practical sessions focusing on feature-based image classification techniques.

CO5: Explained image registration concepts using real-time examples and demonstrations.

CO6: Enhanced learning through practical visualization tasks for 2D and 3D image processing.


Course Coordinator


Mentor


Head of the Department