



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Dr. B Polaiah	Department:	CSIT
Regulation:	UG20	Batch:	2021-2025
Course Name:	Image Processing	Course Code:	AECC26
Semester:	V	Target Value:	60% (1.8 on 3 scale)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Interpret the principles and terminology of digital image processing for describing the features of image.	2.3	2.2	2.3	Target Attained
CO2	Illustrate mathematical tools used in image intensity transformations for quality enhancement.	1.6	2.3	1.7	Target not Attained
CO3	Identify image enhancement technique to improve the quality.	1.6	2.2	1.7	Target not Attained
CO4	Apply filters on spatial and frequency domains for restoring and reducing the noise in a given image.	0.9	2.3	1.2	Target not Attained
CO5	Summarize color models and transformation processing techniques for color image enhancement and compression.	0.9	2.2	1.2	Target not Attained
CO6	Apply region based morphological operations and edge- based image segmentation techniques for detection of objects in images to remove the imperfections in the structure of the image.	0.9	2.3	1.2	Target not Attained

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

In this Course CO2, CO3, CO4, CO5, CO6 requires additional attention and it is improved by

CO 2: Making the students to solve more examples on histogram concept.

CO 3: Analyzing the concept of image restoration by using filters.


CO 4: Explaining Segmentation techniques and example problems on filtering concepts.

CO 5: Applying Compression techniques and redundancy problems.

CO 6: Analyzing the region based morphological operations and edge- based image segmentation techniques.


Course Coordinator


Mentor


HOD