INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. G MARY SWARNALATHA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - UG20**	Batch:	**2022-2026**
Course Name:	**Image Processing**	Course Code:	**AECC26**
Semester:	**V**	Target Value:	**70% (2.1)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Interpret the principles and terminology of digital image processing for describing the features of image.	3.00	2.20	2.8	Attained
CO2	Illustrate mathematical tools used in image intensity transformations for quality enhancement.	2.30	2.20	2.3	Attained
CO3	Identify image enhancement technique to improve the quality.	0.90	2.20	1.2	Not Attained
CO4	Apply filters on spatial and frequency domains for restoring and reducing the noise in a given image.	2.30	2.20	2.3	Attained
CO5	Summarize color models and transformation processing techniques for color image enhancement and compression.	1.60	2.20	1.7	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.	1.60	2.20	1.7	Not Attained

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

CO3: Students will be encouraged to watch ELRV videos on image enhancement techniques

CO5: Case studies will be provided as exercise to students on color models and transformation processing techniques

CO6: Students will be encouraged to answer assignment questions on detection of objects in images to remove the imperfections in the structure of the image

Course Coordinator **Mentor** **Head of the Department**