INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	**Dr. B. Surekha Reddy**	Department:	**ECE**
Regulation:	**R18**	Branch:	**2018-2022**
Course Name:	**Digital Image Processing**	Course Code:	**AECB35**
Semester:	**VI**	Target Value:	**60% (1.8)**

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect AttainSment	Overall Attainment	Observations
CO1	Interpret the principles and terminology of digital image processing for describing the features of image.	0.6	2.2	0.9	Attainment target is not yet reached
CO2	Make use of image transform techniques for analyzing images in transformation domain for image pre-processing.	0.9	2.2	1.2	Attainment target is not yet reached
CO3	Construct image intensity transformation and filtering techniques for image enhancement in the spatial and frequency domain.	2.3	2.2	2.3	Attainment target reached
CO4	Analyze the image restoration in the spatial and frequency domains to deal with noise models for removing degradation from given image.	0.9	2.2	1.2	Attainment target is not yet reached
CO5	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.	2.3	2.2	2.3	Attainment target reached
CO6	Compare the lossy and lossless compression models for achieving image compression.	2	2.2	2	Attainment target reached

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

CO1: More emphasis will be taken to understand the basics of signal processing.
CO2: Extra sessions on transformation techniques.
CO4: Additional inputs will be provided on image restoration techniques by organizing guest lectures.

Course Coordinator

Mentor

HOD

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