



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. BALA THIMMAIAH NAKKA	Department:	Electronics and Communication Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Digital Image Processing	Course Code:	AECC56
Semester:	VIII	Target Value:	60% (1.8)

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.	2.30	2.10	2.3	Attained
CO2	Make use of image transform techniques for analyzing images in transformation domain for image pre-processing.	1.60	2.20	1.7	Not Attained
CO3	Construct image intensity transformation and filtering techniques for image enhancement in the spatial and frequency domain	2.30	2.10	2.3	Attained
CO4	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	3.00	2.10	2.8	Attained
CO5	Analyze the image restoration in the spatial and frequency domains to deal with noise models for removing degradation from given image	2.30	2.20	2.3	Attained
CO6	Compare the lossy and lossless compression models for achieving image compression	0.90	2.20	1.2	Not Attained

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

CO2: Tutorial classes will be conduct on image transform techniques for analyzing images in transformation domain.

CO6: Guest lectures will be conduct on image compression models


Course Coordinator


Mentor


Head of the Department

Dr. P. MUNASWAMY M.Tech, Ph.D, MISTE
Professor & Head
ELECTRONICS AND COMMUNICATION ENGINEERING
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad- 500 043, T.S.