



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:	2021-2025
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.	3.00	2.20	2.8	Attained
CO2	Make use of image transform techniques for analyzing images in transformation domain for image pre-processing.	3.00	2.20	2.8	Attained
CO3	Construct image intensity transformation and filtering techniques for image enhancement in the spatial and frequency domain	0.90	2.20	1.2	Not 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	0.30	2.20	0.7	Not Attained
CO5	Analyze the image restoration in the spatial and frequency domains to deal with noise models for removing degradation from given image	0.90	2.20	1.2	Not Attained
CO6	Compare the lossy and lossless compression models for achieving image compression	3.00	2.20	2.8	Attained

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

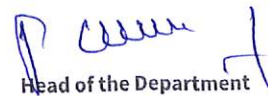
CO3: Guest lecture will be conduct on image intensity transformation and filtering techniques.

CO4: Tutorial classes will be conduct on image segmentation techniques.

CO5: Guest lecture will be conduct on image restoration in the spatial and frequency domains noise models.


Course Coordinator


Mentor


Head of the Department
Head of the Department
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