



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. P ASWANI	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Linux Programming Laboratory	Course Code:	ACSC16
Semester:	IV	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Demonstrate text processing utilities, file handling utilities, security by file permissions, process utilities, disk utilities and networking commands with different options available for solving problems	3.00	0.00	3	Attained
CO2 Make use of bourne shell constructs, decision structures and loops in designing programs for complex problems.	3.00	0.00	3	Attained
CO3 Interpret to write, compile, debug and run C language program in linux shell environment for implementing kernel level concepts.	3.00	0.00	3	Attained
CO4 Identify basic methods and techniques used in solving simple programming tasks in the area of execution environment, processes signals and threads.	3.00	0.00	3	Attained
CO5 Experiment with IPC mechanisms such as pipes, named pipes, shared memory, message queues, semaphores and sockets for interprocess communication.	3.00	0.00	3	Attained
CO6 Choose the appropriate protocol such as TCP or UDP for effective communication in client-server applications.	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department

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COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)**ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Dr. GANAPATHI RAO GAJULA	Department:	Computer Science and Engineering (Data Science)
Regulation:	IARE - UG20	Batch:	2022-2026
Course Name:	Image Processing and Analysis	Course Code:	ACDC08
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Understand the principles of image processing and techniques for describing the Digital Imaging System (DIS)	0.90	2.00	1.1	Not Attained
CO2	Analyze various techniques for image enhancement and develop image restoration models	0.90	2.10	1.1	Not Attained
CO3	Apply image segmentation methods for transforming the image and conduct Image Morphology	0.90	2.00	1.1	Not Attained
CO4	Apply image segmentation techniques for the classification of image using the features of the image	0.90	2.00	1.1	Not Attained
CO5	Understand the different techniques for image registration	0.90	2.00	1.1	Not Attained
CO6	Analyze the Visualization methods and apply them for 2D and 3D images	0.90	2.00	1.1	Not Attained

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

CO1: Conducted remedial sessions with visual examples to improve understanding of image processing fundamentals and Digital Imaging Systems.

CO2: Provided additional practice and case studies on image enhancement and restoration techniques

CO3: Increased hands-on exercises for image segmentation and morphology operations.

CO4: Organized practical sessions focusing on feature-based image classification techniques.

CO5: Explained image registration concepts using real-time examples and demonstrations.

CO6: Enhanced learning through practical visualization tasks for 2D and 3D image processing.


Course Coordinator


Mentor


Head of the Department