ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Mr. MD KHADIR**	Department:	**Electronics and Communication Engineering**
Regulation:	**IARE - R20**	Batch:	**2020-2024**
Course Name:	**Information Theory and Coding Techniques**	Course Code:	AECC34
Semester:	**VI**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate source and channel coding techniques for error-free transmission of message over a noisy communication channel	2.30	2.10	2.3	Attained
CO2	Makeuseof linear and cyclic block codes for the performance analysis of error detection and correction in terms of efficiency	3.00	2.10	2.8	Attained
CO3	Outline the various types of convolutional codes for channel encoding processing data streaming	2.30	2.10	2.3	Attained
CO4	Choose the Viterbi and turbo decoder algorithms for detection of the convolutional code sequence in error controlling	2.70	2.10	2.6	Attained
CO5	Relate the various source coding techniques and algorithms for text, audio and speech processing	2.30	2.10	2.3	Attained
CO6	Categorize the image and video formats and compression methods for data storage and compression	3.00	2.10	2.8	Attained

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

Course Coordinator   Mentor   Head of the Department

Head of the Department
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