



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## COMPUTER SCIENCE AND ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. M SIVA SWETHA REDDY	Department:	Computer Science and Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Computer Networks	Course Code:	AITB10
Semester:	V	Target Value:	70% (2.1)

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Demonstrate the ability to unambiguously explain networking as it relates to the connection of computers, media, and devices.	3.00	2.30	2.9	Attained
CO2 Understanding of the basic concepts of data communications including the key aspects of networking and their interrelationship, packet switching, circuit switching and cell switching as internal and external operations, physical structures, types, models, and internetworking.	3.00	2.30	2.9	Attained
CO3 Illustratively explain the concept of Hamming distance, and the significance of the minimum Hamming distance and its relationship to errors as well as detection and correction of errors in block codes.	2.30	2.30	2.3	Attained
CO4 Evaluate the performance of a single link, logical process-to-process (end-to-end) channel, and a network as a whole (latency, bandwidth, and throughput).	2.30	2.30	2.3	Attained
CO5 Distinguish between the different types of bit errors and can explain the concept of bit redundancy and how it is generally achieved in the facilitation of error detection and the main methods of error correction.	0.90	2.30	1.2	Not Attained
CO6 Explain and demonstrate the mechanics associated with IP addressing, device interface, association between physical and logical addressing, subnetting and supernetting.	2.30	2.30	2.3	Attained

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

CO5: Problems on Error detection and correction methods will be given as exercise to student to make student understand the importance of correctness in data communication.

*Sweetha*  
Course Coordinator

*Mentor*  
Mentor

*[Signature]*  
Head of the Department