INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**Mr. D Rahul**	Department:	**IT**
Regulation:	**IARE - R16**	Batch:	**2017 - 2021**
Course Name:	**Computer Networks**	Course Code:	**AIT003**
Semester:	**IV**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Describe the functions of each layer in OSI and TCP/IP model use to communicate over a network.	1.8	2.6	2.0	Attainment target reached.
CO2	Make use of all various Techniques of Data-link layer for implementation of point-to-point flow and error control mechanism.	0.9	2.5	1.2	Attainment target is not yet reached.
CO3	Identify the various network layer techniques for designing subnets and supernets and analyse packet flow on basis of routing algorithms.	0.3	2.6	0.8	Attainment target is not yet reached.
CO4	Discuss Internetworking principles and Internet protocols (IP, IPv6 and OSPF) for connecting computers to form a computer network	0.6	2.6	1	Attainment target is not yet reached.
CO5	Make use of common transport layer metrics used to measure network performance include latency, bandwidth, and throughput	1.8	2.6	2.0	Attainment target reached.
CO6	Select client-server programming model and various application layer protocols (HTTP, SMTP, FTP and DNS) for communicate with servers and other applications.	0.6	2.5	1	Attainment target is not yet reached.

Action taken report: (To be filled by the concerned faculty / course coordinator)

CO 2: Need to improve on more working examples on data link layer and Error detection techniques for better understanding and good source of acquiring problem solving examples.

CO 3: Identifying the solutions for the critical thinking problems and providing in-depth discussion on Network layer connectivity.

CO 4: Discussion on UDP (User Datagram Protocol), TCP (Transport Control Protocol) and as well performance problems in computer networks

CO 6: Demonstrating real time examples on FTP (File Transfer Protocol), E-mail, telnet, secure shell, DNS (Domain Naming System)

Course Coordinator   Mentor   HOD