# INSTITUTE OF AERONAUTICAL ENGINEERING

**(Autonomous)**

Dundigal, Hyderabad -500 043

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

## ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

| Name of the Faculty | Ms. B. Geetavani | Department | CSE |
|---|---|---|---|
| Regulations | R16 | Batch | 2017 -2021 |
| Course Name | Computer Networks | Course Code: | AIT003 |
| Semester | IV | Target Value | 70% (2.1 on 3 Scale) |

**Attainment of COs:**

| | Course Outcomes | 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. | 3 | 2.5 | 2.9 | Target attained |
| 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 | Target not attained |
| CO3 | Identify the various network layer techniques for designing subnets and super nets and analyze packet flow on basis of routing algorithms. | 2.3 | 2.5 | 2.3 | Target attained |
| CO4 | Discuss Internetworking principles and Internet protocols (IP, IPv6 and OSPF) for connecting computers to form a computer network | 1.6 | 2.5 | 1.8 | Target not attained |
| CO5 | Make use of common transport layer metrics used to measure network performance include latency, bandwidth, and throughput | 0.9 | 2.5 | 1.2 | Target not attained |
| CO6 | Select client-server programming model and various application layer protocols (HTTP, SMTP, FTP and DNS) for communicate with servers and other applications. | 2.3 | 2.5 | 2.3 | Target attained |

**Action taken report:**
CO2, CO4: Need to arrange simulated Presentations on major functions of individual layers of network architecture to make student understand and analyze data communication.
CO5: Organize a seminar on construction of network for small enterprise so that student able to analyze importance of various metrics associated with transport layer and application layer.

**Course Coordinator**                **Mentor**                **HOD**