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. B ANUPAMA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - R18**	Batch:	**2020-2022**
Course Name:	**WIRELESS SENSOR NETWORKS**	Course Code:	**BCSB04**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summarize a wireless sensor network architetures and its related hardware platforms.	0.90	2.10	1.1	Not Attained
CO2	Demostrate the network simulator-3 for simulation of wireless sensor networks.	0.90	3.00	1.3	Not Attained
CO3	Analyze the performance of Medium Access Control protocols in terms of power consumption, fairness, channel utilization and control packet overhead.	0.30	2.20	0.7	Not Attained
CO4	Identify possible attacks and their counter measures for wireless sensor networks	0.90	2.00	1.1	Not Attained
CO5	Categorize various routing protocols for improving the performance of the wireless sensor networks.	1.60	2.20	1.7	Not Attained

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

CO1: Case studies on Network Design will be discussed to make students recognize importance of Network architecture concepts in building applications

CO2: Make student to analyze network simulators in understanding wireless sensor networks.

CO3: Demonstrate Functionalities of Layers and protocols through simulator to improve students analytical skills of network architectures.

CO4: A seminar will be arranged on Importance of security in wireless sensor networks by an expert from Industry so that student can recognize its importance in Computer Science Project Development.

CO5: Case studies on Network Design will be discussed to make students recognize importance of Network architecture concepts in building applications

Course Coordinator **Mentor** **Head of the Department**