INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. Y MOHANA ROOPA**	Department:	**Computer Science and Engineering**
Regulation:	**IARE - PG21**	Batch:	**2021-2023**
Course Name:	**Wireless Sensor Networks**	Course Code:	**BCSC04**
Semester:	**I**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summaise a wireless sensor network design parameters for given sensor data using microcontroller, transceiver, middleware and operating system.	2.30	2.40	2.3	Attained
CO2	Categorize the performance of schedule based and random Medium Access Control protocols for power consumption, fairness, channel utilization and control packet overhead.	0.90	2.40	1.2	Not Attained
CO3	Identify the appropriate geographic routing protocols for improving the performance in terms of power consumption, scalability and latency parameters.	0.90	1.80	1.1	Not Attained
CO4	Evaluate the performance of transport control protocols for congestion detection and avoidance, reliability and control packet overhead parameters	3.00	2.30	2.9	Attained
CO5	Distinguish the design issues and different categories of MAC protocols	0.90	2.10	1.1	Not Attained

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

CO2: An hands on work shop on Wireless network will be arranged to make students to analyze performance of network based on various perameters .

CO3: An hands on work shop on Wireless network will be arranged to make students to analyze performance of network based on various perameters .

CO5: Case studies on MAC protocols based on real time communication will be discussed to enhance students analytical skills on network design

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

Head of the Department
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