



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Mr. MURALI YACHAMANENI** Department: **Electronics and Communication Engineering**
Regulation: **IARE - UG20** Batch: **2022-2026**
Course Name: **Antennas and Microwave Engineering Laboratory** Course Code: **AECC41**
Semester: **VI** Target Value: **60% (1.8)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summarize the waveguide components and their specifications using microwave test bench set-up.	3.00	0.00	3	Attained
CO2	Sketch the characteristics of reflex klystron. to obtain the electronic tuning range using klystron bench set up.	3.00	0.00	3	Attained
CO3	Analyze the characteristics of directional coupler, circulator and magic tee using microwave test bench setup.	3.00	0.00	3	Attained
CO4	Distinguish the low and high voltage standing wave ratio of unknown load load to find out the reflection coefficient using slotted line section.	3.00	0.00	3	Attained
CO5	Identify fundamental parameters of the antenna to measure far-field radiation pattern using High frequency Structure Simulator	3.00	0.00	3	Attained
CO6	Design various antennas to find out the antenna parameters using test setup and High Frequency Structure Simulator.	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department

Dr. P. MUNASWAMY M.Tech, Ph.D, MISTE
Professor & Head
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