



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT


Name of the Faculty:	Ms. CVP Supradeepthi	Department:	ECE
Regulation:	R18	Batch:	2019-2023
Course Name:	Antennas and Microwave Engineering Laboratory	Course Code:	AECB30
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Overall Attainment	Observations
CO1	Make use of the Waveguide components and their specifications using microwave test bench set-up.	3	Target Attained
CO2	Sketch the characteristics of Reflex klystron and Gunn diode to obtain the electronic tuning range using Klystron bench set up.	3	Target Attained
CO3	Analyze the characteristics of Directional coupler, circulator and magic tee using microwave test bench setup.	3	Target Attained
CO4	Distinguish the low and high Voltage Standing Wave Ratio of unknown load to find out the reflection coefficient using slotted line section.	3	Target Attained
CO5	Identify fundamental parameters of the antenna to measure far-field radiation pattern using High Frequency Software Simulator.	3	Target Attained
CO6	Design various antennas to find out the antenna parameters using test setup and High Frequency Software Simulator.	3	Target Attained


Course Coordinator


Mentor


HOD

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