



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. P Annapurna	Department:	ECE
Regulation:	IARE-R18	Batch:	2018-2022
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	Summarize the Waveguide components and their specifications using microwave test bench set-up.	2.3	Attainment target reached
CO2	Sketch the characteristics of Reflex klystron and Gunn diode to obtain the electronic tuning range using Klystron bench set up.	2.3	Attainment target reached
CO3	Analyze the characteristics of Directional coupler, circulator and magic tee using microwave test bench setup.	2.3	Attainment target reached
CO4	Distinguish the low and high Voltage Standing Wave Ratio of unknown load to find out the reflection coefficient using slotted line section.	2.3	Attainment target reached
CO5	Identify fundamental parameters of the antenna to measure far-field radiation pattern using High Frequency Software Simulator.	2.3	Attainment target reached
CO6	Design various antennas to find out the antenna parameters using test setup and High Frequency Software Simulator.	2.3	Attainment target reached


Course Coordinator


Mentor


HOD

Head of the Department
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