



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT


Name of the Faculty:	Dr. Kishan Ajay Kumar	Department:	ECE
Regulation:	IARE-R16	Branch:	2017-2021
Course Name:	Microwave Engineering Laboratory	Course Code:	AEC110
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 to obtain the electronic tuning range using Klystron bench set up	2.3	Attainment target reached
CO3	Calculate the V-I characteristics of Gunn diode to find out threshold voltage using Gunn bench setup	2.3	Attainment target reached
CO4	Relate the guided wave length with free space and cutoff wave lengths using frequency meter.	2.3	Attainment target reached
CO5	Calculate the S-parameters for various microwave components and Voltage Standing Wave Ratio of unknown load to measure characteristics of microwave devices using microwave test bench	2.3	Attainment target reached
CO6	Analyze the polar pattern of Horn antenna to find out the antenna 2. parameters using test setup and High Frequency Software Simulator	2.3	Attainment target reached


Course Coordinator


Mentor


HOD
Head of the Department
Electronics and Communication Engineering
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