



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-R16	Batch:	2016-2020
Course Name:	Radar Systems	Course Code:	AEC521
Semester:	VI	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Demonstrate the principle and operation of Radar using Radar Range Equation to calculate transmitted power	3.00	1.70	2.7	Attained
CO2	Analyze the principle of FM-CW radar and use it in FM- CW altimeter to measure range and Doppler frequency of the target	3.00	1.70	2.7	Attained
CO3	Illustrate the concept of blind speeds, range gated Doppler filters and moving target indicator with Pulse Doppler radar for detection of moving targets	3.00	1.70	2.7	Attained
CO4	Choose the appropriate matched filters in Radars receivers to maximize signal to noise ratio	3.00	1.70	2.7	Attained
CO5	Describe Radar displays and duplexers for transmission and display the data on the screen	2.30	1.70	2.2	Attained
CO6	Describe the Tracking radar principles, different types of angle tracking for obtaining Target position	3.00	1.60	2.7	Attained


Course Coordinator


Mentor


HOD

Head of the Department
Electronics and Communication Engineering
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