



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. V Siva Nagaraju	Department:	ECE
Regulation:	IARE-R16	Batch:	2016-2020
Course Name:	Satellite Communication	Course Code:	AEC522
Semester:	VI	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Outline the concept of orbital mechanics and satellite systems for characterized the different types of earth orbits	3.00	2.60	2.9	Attained
CO2	Organize the functions of major satellite subsystems and satellite uplink / downlink for controlling and tracking the satellite	3.00	2.60	2.9	Attained
CO3	Analyze the satellite uplink / downlink to achieve the required C/N ratio using basic transmission theory	2.70	2.60	2.7	Attained
CO4	Interpret the technique of earth stations to simultaneously share the resources of the same transponder using multiple access systems	3.00	2.60	2.9	Attained
CO5	Extend the earth station technology to a VSAT (Very Small Aperture Terminal) terminal to operate into a single transponder using TDM/PSK (Time Division Multiplexing / Phase Shift Keying)	3.00	2.60	2.9	Attained
CO6	Apply the satellite packet switching technology and error control coding for digital satellite links	3.00	2.60	2.9	Attained


Course Coordinator


Mentor


HOD

Head of the Department
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