



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)  
Dundigal, Hyderabad - 500 043

## ELECTRONICS AND COMMUNICATION ENGINEERING ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

Name of the Faculty:	Mr. A Karthik	Department:	ECE
Regulation:	IARE-R18	Branch:	2018-2022
Course Name:	Wireless Communications and Networks	Course Code:	AECB42
Semester:	VI	Target Value:	60% (1.8)

### Attainment of Cos:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations	
CO1	Demonstrate the functioning of a cellular system for implementing technical challenges.	3	2.4	2.9	Attainment target reached
CO2	Summarize the propagation mechanisms and radio wave propagation to know the behavior of radio waves.	2.3	2.3	2.3	Attainment target reached
CO3	Apply the channel path loss models for the reduction in power density (attenuation) of an electromagnetic wave.	0.9	2.3	1.2	Attainment target is not yet reached
CO4	Identify the multiple access schemes and techniques for providing multiple users on a single channel.	0.9	2.3	1.2	Attainment target is not yet reached
CO5	Analyze the process of equalization and diversity schemes carried out in mobile devices for reduced distortion of received signals.	1.6	2.3	1.7	Attainment target is not yet reached
CO6	Classify the types of wireless local area networks and networking standards for implementing the network of computing devices.	1.6	2.3	1.7	Attainment target is not yet reached

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO3: Giving assignments and conducting tutorials on the channel path loss models for the reduction in power density  
CO4: Practice tests are conducted on the multiple access schemes and techniques for providing multiple users on a single channel  
CO5: Giving assignments and conducting tutorials on equalization and diversity schemes carried out in mobile devices  
CO6: Conducting Guest lectures on of wireless local area networks and networking standards for better understanding.

  
Course Coordinator

  
Mentor

  
Dr. P. ASHOK BABU, M.E. Ph.D  
Professor & Head  
HOD  
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