



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. B Santhosh Kumar	Department:	ECE
Regulation:	IARE-R16	Branch:	2016-2020
Course Name:	Cellular and Mobile Communication	Course Code:	AEC520
Semester:	VI	Target Value:	60% (1.8)

Attainment of Cos:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1	Demonstrate the cellular mobile system design concepts to improve the Signal to noise ratio and cell coverage	2.70	1.70	2.5	Attained
CO2	Make use of the channel sharing and borrowing, sectorization and cell splitting to reduce the call dropping or blocking rates in a mobile cellular network	2.70	1.70	2.5	Attained
CO3	Identify the Co-channel and non co-channel interferences and their parameters to improve the system capacity.	1.00	1.70	1.1	Not attained
CO4	Illustrate the importance of Handoff for preventing loss of interruption of services to a caller.	1.70	1.70	1.7	Not Attained
CO5	Interpret the channel sharing and borrowing, sectorization and cell splitting to reduce the call dropping or blocking rates in a mobile cellular network	3.00	1.70	2.7	Attained
CO6	Infer the Intelligent cell concept and advanced intelligent network for advanced land mobile telecommunication system	1.70	1.70	1.7	Not Attained


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

In this Course, the CO3, CO4, CO6 requires additional attention and it is improved by

1. Conducting Guest lectures on Co-channel and non-co-channel interferences and their parameters to improve the system capacity.
2. Additional inputs will be provided on importance of Handoff for preventing loss of interruption of services to a caller for better understanding.
3. Giving assignments and conducting tutorials on cell concept and advanced intelligent network for advanced land mobile telecommunication system for more practice.


Course Coordinator


Mentor


HOD
Head of the Department
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