



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:	2017-2021
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	3	2.2	2.8	Attainment target reached
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	3	2.2	2.8	Attainment target reached
CO3	Identify the Co-channel and non co-channel interferences and their parameters to improve the system capacity.	2.3	2.2	2.3	Attainment target reached
CO4	Illustrate the importance of Handoff for preventing loss of interruption of services to a caller.	3	2.2	2.8	Attainment target reached
CO5	Interpret the channel sharing and borrowing, sectorization and cell splitting to reduce the call dropping or blocking rates in a mobile cellular network	1.6	2.2	1.7	Attainment target is not yet reached
CO6	Infer the Intelligent cell concept and advanced intelligent network for advanced land mobile telecommunication system	0.9	2.2	1.2	Attainment target is not yet reached

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

CO5: Giving assignments and conducting tutorials on channel sharing and borrowing, sectorization to reduce the call dropping.
CO6: Additional inputs will be provided on intelligent cell concept for advanced land mobile telecommunication system for more practice


Course Coordinator


Mentor


HOD

Head of the Department
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