



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRONICS AND COMMUNICATION ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty: **Dr. V SIVA NAGARAJU** Department: **Electronics and Communication Engineering**  
Regulation: **IARE - UG20** Batch: **2022-2026**  
Course Name: **Cellular and Mobile Communications** Course Code: **AECC22**  
Semester: **V** Target Value: **60% (1.8)**

#### Attainment of COs;

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Summarize the cellular mobile system concepts to improve the Signal to noise ratio and cell coverage	3.00	2.10	2.8	Attained
CO2	Outline the co-channel and non co-channel interferences and their parameters to improve the system capacity	0.60	2.10	0.9	Not Attained
CO3	Utilize the omni directional and directional antenna patterns to improve the channel capacity and interference reduction	0.90	2.10	1.1	Not Attained
CO4	Identify the importance of Hand-off mechanism for preventing loss of interruption of services to a caller	0.90	2.10	1.1	Not Attained
CO5	Analyze the wireless systems and its standards for the implementation of multiple access schemes	0.90	2.10	1.1	Not Attained
CO6	Infer the Intelligent cell concept and advanced intelligent network for advanced land mobile telecommunication system	0.60	2.10	0.9	Not Attained

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

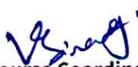
CO2: Guest lectures will be conduct on co-channel and non co-channel interferences and their parameters.

CO3: Assignments will be given on omni directional and directional antenna patterns.

CO4: Assignments will be given on Hand-off mechanism for preventing loss of interruption of services to a caller.

CO5: Tutorial classes will be conduct on wireless systems and its standards.

CO6: Tutorial classes will be conduct on intelligent cell concept and advanced intelligent network.

  
Course Coordinator

  
Mentor

  
Head of the Department

**Dr. P. MUNASWAMY** M.Tech, Ph.D, MISTE  
Professor & Head  
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