



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

| | | | |
|----------------------|------------------------------------|---------------|--|
| Name of the faculty: | Mr. D VEERASWAMY | Department: | Electronics and Communication Engineering |
| Regulation: | IARE - UG20 | Batch: | 2021-2025 |
| Course Name: | Mobile Communication System | Course Code: | AECC36 |
| Semester: | VI | 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 | 2.60 | 2.9 | Attained |
| CO2 | Outline the co-channel and non co-channel interferences and their Parameters to improve the system capacity. | 1.60 | 2.60 | 1.8 | Attained |
| CO3 | Utilize the omni directional and directional antenna patterns to improve the channel capacity and interference reduction. | 3.00 | 2.60 | 2.9 | Attained |
| CO4 | Identify the importance of Hand-off mechanism for preventing loss of interruption of services to a caller. | 2.10 | 2.60 | 2.2 | Attained |
| CO5 | Utilize the wireless systems and its standards for the implementation of multiple access schemes. | 1.40 | 2.60 | 1.6 | Not Attained |
| CO6 | Summarize MAC protocols designed specifically for ad hoc wireless networks to select appropriate protocols for specific ad hoc wireless network scenarios. | 2.10 | 2.60 | 2.2 | Attained |

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

CO5: Guest lecture will be conduct on Utilization of the wireless systems and its standards for the implementation of multiple access schemes.


Course Coordinator


Mentor


Head of the Department

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