



# 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. PRASANANJANEYA REDDY V** Department: **Electronics and Communication Engineering**  
 Regulation: **IARE - UG20** Batch: **2022-2026**  
 Course Name: **Analog and Digital Communications Laboratory** Course Code: **AECC14**  
 Semester: **IV** Target Value: **60% (1.8)**

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Discriminate the generation and detection of amplitude modulated and frequency modulated signals to calculate the modulation index and frequency deviation	3.00	0.00	3	Attained
CO2 Make use of the balance modulator and synchronous detector for generating and detecting DSBSC modulated wave	3.00	0.00	3	Attained
CO3 Analyze the analog pulse modulation and demodulation methods for transmitting the information by pulses	3.00	0.00	3	Attained
CO4 Apply the concept of pulse code modulation and demodulation for encoded data in analog to digital conversion	3.00	0.00	3	Attained
CO5 Select the time division or frequency division multiplexing techniques for transmitting multiple signals at a time in the communication system	3.00	0.00	3	Attained
CO6 Examine the digital modulation techniques for convey more information, high quality and security	3.00	0.00	3	Attained

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

*VRAS*  
 Course Coordinator

*V. Prasanjaney Reddy*  
 Mentor

*Ramesh*  
 Head of the Department  
**Dr. P. MUNASWAMY** M.Tech, Ph.D, MISTE  
 Professor & Head  
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