INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Ms. M SARITHA**	Department:	**Information Technology**
Regulation:	**IARE - R18**	Batch:	**2019-2023**
Course Name:	**ANALOG AND DIGITAL ELECTRONICS**	Course Code:	**AECB05**
Semester:	**III**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Recall the properties of semiconductor aterials which from the basics for the foration of PN junction diode	3.00	2.10	2.8	Attained
CO2	compare bandwidth power requirments, efficiency for AM and PM analog communication system	3.00	2.10	2.8	Attained
CO3	outline the generation and detection techniques of frequency modulated waves used for audio signal transmission systems.	1.60	2.10	1.7	Not Attained
CO4	calculate signal to noise ratio (SNR) and noise figure for analysis of amplitude and frequency modulation techniques.	0.90	2.10	1.1	Not Attained
CO5	make use of the working principals of AM, FM receviers to measure selectiivity, sensitivity, fidelity and signal to noise ratio.	1.60	2.10	1.7	Not Attained
CO6	interpret the generation and detection on techniques of pulse modulations for introducing digital communications,A/D conerters.	0.60	0.00	0.5	Not Attained

Action Taken:

CO3: Need to solve more examples for detection techniques of frequency modulated waves.
CO4: Need to solve more problems to calculate signal to noise ratio (SNR).
CO5: Need to discuss measure selectiivity, sensitivity, fidelity and signal to noise ratio problems.
CO6: Need to discuss more concepts on techniques of pulse modulations and A/D converters.

M. Saritha

Course Coordinator

Mentor

Head of the Department