



# 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. J Siva Rama Krishna	Department:	ECE
Regulation:	IARE-R18	Branch:	2018-2022
Course Name:	LDIC	Course Code:	AECB19
Semester:	V	Target Value:	60% (1.8)

### Attainment of Cos:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observations
CO1 Summarize the internal block diagram, DC and AC characteristics to know the practical specifications of operational amplifier.	3	2.1	2.8	Attainment target reached
CO2 Make use of IC 741 operational amplifier to realize linear, non linear applications.	1.6	2.1	1.7	Attainment target is not yet reached
CO3 Develop the multivibrators using special application IC 555 and general purpose opamp.	0.9	2.1	1.1	Attainment target is not yet reached
CO4 Interpret the function of application specific ICs such as Voltage regulators, PLL and its application in communication.	1.6	2.1	1.7	Attainment target is not yet reached
CO5 Choose appropriate A/D and D/A converters for signal processing applications.	1.6	2.2	1.7	Attainment target is not yet reached
CO6 Model the combinational and sequential circuits using the TTL, CMOS logic, 74XX IC's.	1.6	2.2	1.7	Attainment target is not yet reached

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

CO2: Conducting Guest lectures on IC 741 operational amplifier for better understanding  
CO3: Practice tests are conducted on multivibrators using special application IC 555 and general purpose opamp for more practice.  
CO4: Additional inputs will be provided on the application specific ICs such as Voltage regulators for better understanding  
CO5: Giving assignments and conducting tutorials on A/D and D/A converters for more practice.  
CO6: Conducting Guest lectures on combinational and sequential circuits using the TTL, CMOS logic, 74XX IC's.

  
Course Coordinator

  
Mentor

  
HOD

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