



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## AERONAUTICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>B MANOGNA</b>	Department:	<b>Aeronautical Engineering</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2017 - 2021</b>
Course Name:	<b>Basic Electrical and Electronics Engineering</b>	Course Code:	<b>AEE018</b>
Semester:	<b>III</b>	Target Value:	<b>55% (1.8)</b>

#### Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	1.3	2.7	1.6	Attainment target is not yet reached
CO 2	Differentiate the working of moving iron and moving coil type instruments for computing electrical quantities using suitable instrument.	1.3	2.7	1.6	Attainment target is not yet reached
CO 3	Demonstrate the construction, principle and working of DC machines for their performance analysis.	1	2.7	1.3	Attainment target is not yet reached
CO 4	Illustrate alternating quantities of sinusoidal waveform and working, construction of single phase transformers, induction motors, alternators for analysis of AC waveforms and AC machines.	0.3	2.7	0.8	Attainment target is not yet reached
CO 5	Apply the PN junction characteristics for the diode applications such as switch and rectifier.	0.6	2.7	1.0	Attainment target is not yet reached
CO 6	Extend the biasing techniques for bipolar and uni-polar transistor amplifier circuits considering stability condition for establishing a proper operating point.	1.3	2.7	1.6	Attainment target is not yet reached

**Action taken report:** (To be filled by the concerned faculty / course coordinator)

CO 1: Digital content and assignments have to be increased.

CO 2: Remedial classes have been conducted.

CO 3: Remedial classes have been conducted.


CO 4: Digital content and videos given in classes for better understanding of concept.

CO 5: Application oriented problems may be given.

CO 6: Real time application may be better for attainment.

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Aeronautical Engineering  
INSTITUTE OF AERONAUTICAL ENGINEERING  
Dundigal, Hyderabad - 500 043