

**MECHANICAL ENGINEERING****ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT**

Name of the faculty:	Ms.T SARITHA KUMARI	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Basic Electrical and Electronics Engineering	Course Code:	AEEB04
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Solve complex electrical circuits by applying network reduction techniques for reducing into a simplified circuit.	0.00	2.20	0.4	Not Attained
CO2 Differentiate the working of moving iron and moving coil type instruments for computing electrical quantities using suitable instrument.	0.30	2.10	0.7	Not Attained
CO3 Demonstrate the construction, principle and working of DC machines for their performance analysis.	0.00	2.10	0.4	Not Attained
CO4 Illustrate alternating quantities of sinusoidal waveform and working , construction of single phase transformers, induction motors, alternators for analysis of AC waveforms and AC machines.	0.00	2.10	0.4	Not Attained
CO5 Apply the PN junction characteristics for the doide applications such as switch and rectifier.	0.00	2.10	0.4	Not Attained
CO6 Extend the biasing techniques for bipolar and uni-polar transistor amplifier circuits considering stability condition for establishing a proper operating point.	0.00	2.10	0.4	Not Attained

Action Taken:

CO1: More assignments may be given on complex electrical circuits by applying network reduction techniques.

CO2: More examples may be given on the working of moving iron and moving coil-type instruments for computing electrical quantities using a suitable instrument

CO3: More applications may be given on DC machines for their performance analysis

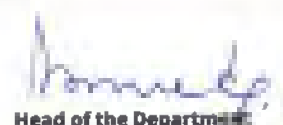
CO4: More assignments may be given on single-phase transformers, induction motors, and alternators for analysis of AC waveforms and AC machines.

CO5: More applications may be given on PN junction characteristics.

CO6: More tutorials may be conducted on biasing techniques for bipolar and uni-polar transistor amplifier circuits.


Course Coordinator


Mentor


Head of the Department