



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. S SRIKANTH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Electrical Measurements and Instrumentation Laboratory	Course Code:	AEEB25
Semester:	VI	Target Value:	60% (1.8)

### Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Make use of transducers like thermocouple, thermistor and resistance temperature detector for measuring temperature.	2.30	0.00	2.3	Attained
CO2	Choose appropriate transducers for the measurement of strain, pressure, position and level.	2.30	0.00	2.3	Attained
CO3	Examine the errors in measuring instrument by calibrating voltmeter, ammeter, LPF wattmeter, single phase energy meter, dynamometer power factor meter.	2.30	0.00	2.3	Attained
CO4	Develop Labview programs for displaying electrical waveforms and Lissajous patterns	2.30	0.00	2.3	Attained
CO5	Build simulation models in digital environment for the measurement of passive parameters like inductance, capacitance and resistance.	2.30	0.00	2.3	Attained
CO6	Analyze the quantities like turns ratio, reactive power, errors associated with current transformer for reducing the errors in measuring instruments.	2.30	0.00	2.3	Attained

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

  
Course Coordinator

  
Mentor

  
Head of the Department