



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. P SHIVA KUMAR	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R20	Batch:	2020-2024
Course Name:	Electrical Measurements and Instrumentation Laboratory	Course Code:	AEEC33
Semester:	VI	Target Value:	70% (2.1)

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.	3.00	0.00	3	Attained
CO2	Choose appropriate transducers for the measurement of strain, pressure, position and level.	3.00	0.00	3	Attained
CO3	Examine the errors in measuring instrument by calibrating voltmeter, ammeter, LPF wattmeter, single phase energy meter, dynamometer power factor meter.	3.00	0.00	3	Attained
CO4	Develop Lab view programs for displaying electrical waveforms and Lissajous patterns.	3.00	0.00	3	Attained
CO5	Build simulation models in digital environment for the measurement of passive parameters like inductance, capacitance and resistance.	3.00	0.00	3	Attained
CO6	Analyze the quantities like turns ratio, reactive power, errors associated with current transformer for reducing the errors in measuring instruments.	3.00	0.00	3	Attained

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


Course Coordinator


Mentor


Head of the Department