



INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

COMPUTER SCIENCE AND ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. SHANKARAI AH NADDI	Department:	Computer Science and Engineering
Regulation:	IARE - R23	Batch:	2023-2027
Course Name:	Applied Physics Laboratory	Course Code:	AHSD09
Semester:	I	Target Value:	70% (2.1)

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify the type of semiconductor using the principle of Hall effect and also determine the energy gap and resistivity of a semiconductor diode using four probe method.	1.60	0.00	1.6	Not Attained
CO2	Illustrate principle, working and application of wave propagation and compare the results of frequency with theoretical harmonics and overtones.	1.60	0.00	1.6	Not Attained
CO3	Investigate the energy losses, curie temperature and properties associated with a given Ferro magnetic material	1.60	0.00	1.6	Not Attained
CO4	Examine launching of light through optical fiber from the concept of light gathering capacity of numerical aperture and determine the divergence of Laser beam	1.60	0.00	1.6	Not Attained
CO5	Graph V-I /L-I characteristics of various optoelectronic devices like Light Emitting diode, Solar cell at different intensities to understand their basic principle of functioning as well as to infer the value of Planck's constant	1.60	0.00	1.6	Not Attained
CO6	Analyse the variation of magnetic field induction produced at various points along the axis of current carrying coil.	1.60	0.00	1.6	Not Attained

Head of the Department
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