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

COMPUTER SCIENCE AND ENGINEERING (AI & ML)

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	DY. RIZWANA	Department:	Computer Science and Engineering (AI & ML)
Regulation:	IARE - R20	Batch:	2022-2026
Course Name:	Physics Laboratory	Course Code:	AHSC05
Semester:	II	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 of a semiconductor diode.	3.00	0.00	3	Attained
CO2	Illustrate principle, working and application of wave propagation and compare results with theoretical harmonics and overtones.	3.00	0.00	3	Attained
CO3	Investigate the energy losses associated with a given ferromagnetic material and also magnetic field induction produced at various points along the axis of current carrying coil.	3.00	0.00	3	Attained
CO4	Examine launching of light through optical fiber from the concept of light gathering capacity of numerical aperture.	3.00	0.00	3	Attained
CO5	Utilize the phenomena of interference and diffraction for the determination of various parameters like radius of curvature of convex lens, wavelength of laser light and width of single slit.	3.00	0.00	3	Attained
CO6	Investigate V-I/L-I characteristics of various optoelectronic devices like Light Emitting Diode, Photodiode to understand their basic principle of functioning as well as to infer the value of Planck's constant.	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

Head of the Department
Artificial Intelligence & Machine Learning
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