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

AERONAUTICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. B MANIKYA PRATIMA	Department:	Aeronautical Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Engineering Physics Laboratory	Course Code:	AHSB10
Semester:	I	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO2	Illustrate principle, working and application of wave propagation and compare results with theoretical harmonics and overtones.	0.60	0.00	0.6	Not 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.	0.60	0.00	0.6	Not Attained
CO1	Identify the type of semiconductor using the principle of Hall Effect and also determine the energy gap of a semiconductor diode.	0.60	0.00	0.6	Not Attained
CO4	Examine launching of light through optical fiber from the concept of light gathering capacity of numerical aperture.	0.60	0.00	0.6	Not 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.	0.60	0.00	0.6	Not 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.	0.60	0.00	0.6	Not Attained

Action Taken:

CO2: Digital content and videos are given in classes for a better understanding of concept.

CO3: Digital content and videos are given in classes for a better understanding of concept.

CO1: Digital content and videos are given in classes for a better understanding of concept.

CO4: Digital content and videos are given in classes for a better understanding of concept.

CO5: Digital content and videos are given in classes for a better understanding of concept.

CO6: Digital content and videos are given in classes for a better understanding of concept.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Aeronautical Engineering
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