



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

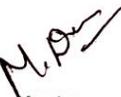
Name of the faculty: **Dr. B MADHAVI DEVI** Department: **Electronics and Communication Engineering**
Regulation: **IARE - BT23** Batch: **2023-2027**
Course Name: **Applied Physics** Course Code: **AHSD07**
Semester: **II** Target Value: **60% (1.8)**

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Use the general rules of indexing of directions and planes in lattices to identify the crystal systems and the Bravais lattices.	3.00	2.30	2.9	Attained
CO2 Extend the principles of dual nature of matter and Schrodinger wave equation to a particle enclosed in simple systems.	2.00	2.30	2.1	Attained
CO3 Analyze the concepts of laser with normal light in terms of mechanism for applications in different fields and scientific practices.	2.40	2.30	2.4	Attained
CO4 Comprehend the knowledge on functionality of components in optical fiber communication system by using the basics of signal propagation, attenuation and dispersion.	2.40	2.30	2.4	Attained
CO5 Gain knowledge on properties of magnetic and superconducting materials suitable for engineering applications.	3.00	2.30	2.9	Attained
CO6 Formulate the principle factors, fabrication, characterization techniques and the applications of nanomaterials.	3.00	2.30	2.9	Attained

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


Course Coordinator


Mentor


Head of the Department

Dr. P. MUNASWAMY M.Tech, Ph.D, MISTE
Professor & Head
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