



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad-500043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME-ACTION TAKEN REPORT

Name of the faculty:	S.Charvani	Department:	IT
Regulation:	IARE-R16	Batch:	2016 -2020
Course Name:	Engineering Physics	Course Code:	AHS006
Semester:	I-Semester	Target Value:	60% (1.8)

Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Illustrate the properties of dielectric and magnetic materials suitable for engineering applications.	2.3	2.9	2.4	Attainment target is reached
CO2	Compare the concepts of LASER and normal light in terms of mechanism and working principles for applications in various fields and scientific practices.	2.3	2.8	2.4	Attainment target is reached
CO3	Illustrate basic principle, properties and production techniques of nanomaterials.	1.6	2.7	1.8	Attainment target is reached
CO4	Make use of knowledge of nanomaterials to different applications in day to day life.	2.3	2.8	2.4	Attainment target is reached
CO5	Apply the concepts of dual nature of matter and Schrodinger wave equation to a particle enclosed in simple systems.	2.3	2.8	2.4	Attainment target is reached
CO6	Demonstrate the classification of solids and important aspects of semiconductors in terms of carrier concentration and Fermi level.	0.9	2.7	1.3	Attainment target is not yet reached

Action taken report: (To be filled by the concerned faculty/course coordinator)

CO 6: Need to provide guest lectures on classification of solids and semiconductors.

S. Charvani
Course Coordinator

Rizwana
Mentor

R. Subudh
HOD