



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad -500 043

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### ATTAINMENT OF COURSE OUTCOMES (COS) – ACTION PLAN

Name of the Faculty	Dr. Rizwana	Department	CSE
Regulations	R16	Batch	2016 -2020
Course Name	Engineering Physics	Course Code:	AHS006
Semester	I	Target Value	70% (2.1 on 3 Scale)

#### Attainment of COs:

Course Outcomes		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Illustrate the properties of dielectric and magnetic materials suitable for engineering applications.	3	2.7	2.9	Target attained
CO2	Compare the concepts of LASER and normal light in terms of mechanism and working principles for applications in various fields and scientific practices	3	2.7	2.9	Target attained
CO3	Illustrate basic principle, properties and production techniques of nanomaterials	2.3	2.7	2.4	Target attained
CO4	Make use of knowledge of nanomaterials to different applications in day-to-day life.	3	2.7	2.9	Target attained
CO5	Apply the concepts of dual nature of matter and Schrodinger wave equation to a particle enclosed in simple systems	1.6	2.7	1.8	Target not attained
CO6	Demonstrate the classification of solids and important aspects of semiconductors in terms of carrier concentration and Fermi level.	3	2.6	2.9	Target attained

#### Action taken report:

CO5: Need to arrange discussions with the experts on applications of dual nature of matter so that student able to analyze related systems

Course Coordinator

Mentor

Head of the Department  
HOD  
Computer Science and Engineering  
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