



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)
Dundigal, Hyderabad - 500 043

ELECTRONICS AND COMMUNICATION ENGINEERING

ATTAINMENT OF COURSE OUTCOME- ACTION TAKEN REPORT

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|----------------------|---------------------|---------------|-----------|
| Name of the Faculty: | Mr. Chandra Prakash | Department: | ECE |
| Regulation: | IARE-R16 | Branch: | 2017-2021 |
| Course Name: | Engineering physics | Course Code: | AHS006 |
| Semester: | I | Target Value: | 60% (1.8) |

Attainment of Cos:


| Course Outcome | | Direct Attainment | Indirect Attainment | Overall Attainment | Observations |
|----------------|--|-------------------|---------------------|--------------------|--------------------------------------|
| CO1 | Illustrate the properties of dielectric and magnetic materials suitable for engineering applications. | 1.60 | 2.80 | 1.8 | Attainment target 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. | 1.60 | 2.80 | 1.8 | Attainment target reached |
| CO3 | Illustrate basic principle, properties and production techniques of nanomaterials. | 2.30 | 2.80 | 2.4 | Attainment target reached |
| CO4 | Make use of knowledge of nanomaterials to different applications in day to day life. | 3.00 | 2.80 | 3 | Attainment target reached |
| CO5 | Apply the concepts of dual nature of matter and Schrodinger wave equation to a particle enclosed in simple systems. | 2.30 | 2.80 | 2.4 | Attainment target reached |
| CO6 | Demonstrate the classification of solids and important aspects of semiconductors in terms of carrier concentration and Fermi level. | 0.90 | 2.70 | 1.3 | Attainment target is not yet reached |

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

CO6: Giving assignments and conducting tutorials on solids and important aspects of semiconductors.


Course Coordinator


Mentor


Head of the Department
Electronics and Communication Engineering
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