



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

|                      |                                  |               |                    |
|----------------------|----------------------------------|---------------|--------------------|
| Name of the faculty: | <b>Dr. V Chandra Jagan Mohan</b> | Department:   | <b>EEE</b>         |
| Regulation:          | <b>IARE - R16</b>                | Batch:        | <b>2017 – 2021</b> |
| Course Name:         | <b>Power Generation System</b>   | Course Code:  | <b>AEE003</b>      |
| Semester:            | <b>III</b>                       | Target Value: | <b>60% (1.8)</b>   |

#### Attainment of COs:


| Course Outcome |  | Direct attainment | Indirect attainment | Overall attainment | Observation  |
|----------------|--|-------------------|---------------------|--------------------|--------------|
| CO1            | Demonstrate the layout and working principle of thermal power plant  | 2.7               | 2.7                 | 2.7                | Attained     |
| CO2            | Understand the power developed in hydro-electric power station under various storage capacities.           | 2.7               | 2.6                 | 2.7                | Attained     |
| CO3            | Analyze I-V characteristics of the solar energy conservation and deduce the maximum power point algorithm. | 0                 | 2.7                 | 0.5                | Not Attained |
| CO4            | Summarise the performance of different generators used in wind energy system.                              | 0.6               | 2.6                 | 1                  | Not Attained |
| CO5            | Explain the operating principle and applications of nuclear power stations.                                | 1.7               | 2.6                 | 1.9                | Attained     |

#### Action taken report:

CO 3: Take more classes and practice more problems on characteristics of solar energy.  
CO 4: Need to provide more real life problems to understand the different generators in wind energy system.

  
Course Coordinator

  
Mentor

  
HOD  
Head of the Department  
Electrical and Electronics Engineering  
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