



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

|                      |                                     |               |  |
|----------------------|-------------------------------------|---------------|--|
| Name of the faculty: | Dr. V CHANDRA JAGAN MOHAN           | Department:   | Electrical and Electronics Engineering |
| Regulation:          | IARE - R20                          | Batch:        | 2020-2024                              |
| Course Name:         | Electrical Power Generation Systems | Course Code:  | AEEEC10                                |
| Semester:            | IV                                  | Target Value: | 60% (1.8)                              |

### Attainment of COs:

|     | Course Outcome  | Direct attainment | Indirect attainment | Overall attainment | Observation  |
|-----|---|-------------------|---------------------|--------------------|--------------|
| CO1 | Explain the operating principle of thermal and nuclear power stations to evaluate the significance.                   | 1.60              | 2.40                | 1.8                | Attained     |
| CO2 | Elucidate the working principle and layout of hydroelectric power station (HPS) along with its multi-purpose utility. | 0.90              | 2.50                | 1.2                | Not Attained |
| CO3 | Paraphrase the solar power generation using photovoltaic effect and its applications.                                 | 3.00              | 2.40                | 2.9                | Attained     |
| CO4 | Explain the working principle of wind energy system (WES), types of turbines and the importance of WES.               | 0.90              | 2.40                | 1.2                | Not Attained |
| CO5 | Maintain the optimised working of wind power plants.  | 1.60              | 2.40                | 1.8                | Attained     |
| CO6 | Interpret the effect of role of tariff on the cost of power generation.   | 0.90              | 2.40                | 1.2                | Not Attained |

### Action taken report:

CO2: need to visit hydroelectric power station

CO4:

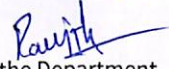
Elrv Classes are planned

CO6:

Extra Classes has been conducted on tariff

  
 Course Coordinator

Mentor



Head of the Department

Head of the Department  
Electrical and Electronics Engineering  
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