



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

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|----------------------|-------------------------|---------------|--|
| Name of the faculty: | Mr. RAVI BABU T | Department: | Electrical and Electronics Engineering |
| Regulation: | IARE - R18 | Batch: | 2018-2022 |
| Course Name: | Power Quality and FACTS | Course Code: | AEEB49 |
| Semester: | VII | Target Value: | 60% (1.8) |

Attainment of COs:

| Course Outcome | Direct attainment | Indirect attainment | Overall attainment | Observation |
|--|-------------------|---------------------|--------------------|--------------|
| CO1 Identify the sources of various power quality issues and their impact in distribution system. | 3.00 | 2.50 | 2.9 | Attained |
| CO2 Analyze the methodologies and control strategies for enhancing quality of power in sensitive loads with various custom power devices | 1.60 | 2.40 | 1.8 | Attained |
| CO3 Illustrate the types of FACTS controllers for enhancing the power transfer capabilities for stable operation of power system | 0.90 | 2.40 | 1.2 | Not Attained |
| CO4 Select the various types of compensators with its control schemes for improving quality of power in transmission system. | 1.60 | 2.40 | 1.8 | Attained |
| CO5 Analyze the application of FACTS devices for power flow control and stability improvement. | 0.90 | 2.50 | 1.2 | Not Attained |

Action taken report:

CO3:

more problems on FACTS Devices

CO5:

Delivering the more lecture on power flow control and stability improvement by using FACTS devices

Course Coordinator

Mentor

Head of the Department
Electrical and Electronics Engineering
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