


INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	Mr. S SRIKANTH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Power Electronics in Renewable Energy Sources	Course Code:	AEEB45
Semester:	VI	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Recall the environmental aspects and economic benefits of clean energy systems for production of electricity.	0.90	2.40	1.2	Not Attained
CO2 Outline the operating principles and characteristics of renewable energy sources for sustainable energy conversion	0.90	2.30	1.2	Not Attained
CO3 Summarize the renewable energy conversion systems for reliable operation.	0.90	2.40	1.2	Not Attained
CO4 Understand the power quality issues and mitigation techniques used in grid connected systems for ensuring the quality of power.	0.90	2.30	1.2	Not Attained
CO5 Choose the appropriate power converters and inverters for harmonic reduction in solar photovoltaic systems	0.90	2.40	1.2	Not Attained
CO6 Identify the reliable inverter, battery and array sizing for grid synchronization in renewable energy systems	0.90	2.40	1.2	Not Attained

Action taken report:

CO1:

Provide assignments

CO2:

ELRV classes

CO3:

Assignments

CO4:

ELRV classes

CO5:

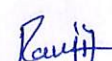
Provide more problems on power converters

CO6:

Use digitl resources


Course Coordinator


Mentor


Head of the Department
Head of the Department
Electrical and Electronics Engineering
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