



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. T. Ravi Babu	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Flexible Alternating Current Transmission System	Course Code:	AEE524
Semester:	VIII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Understand the basic control of power flow and necessity of FACTS devices in power transmission network for stable operation.	3	2.4	2.9	Attainment target reached.
CO2	Choose a Static VAR Compensator for regulating the voltage thereby limiting the power oscillations in transmission systems transient stability analysis	3	2.3	2.9	Attainment target reached.
CO3	Model the Thyristor Controlled Series Capacitor (TCSC), Gate Controlled Series Capacitor (GCSC) for load flow and stability studies.	2.7	2.4	2.6	Attainment target reached.
CO4	Examine the various types of voltage sources converter-based FACTS controllers for load flow and transmission stability analysis	3	2.4	2.9	Attainment target reached.
CO5	Develop the coordinating schemes with the multiple FACTS controllers for reactive power compensation.	3	2.5	2.9	Attainment target reached.

Action taken report:

All the Course Outcomes have attained the target value.


Course Coordinator


Mentor


HOD EEE

Head of the Department
Electrical and Electronics Engineering
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