



# 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. P Mabuhussain	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Transmission and Distribution Systems	Course Code:	AEE011
Semester:	V	Target Value:	60% (1.8)

#### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1	Compute the line parameters and corona loss in the electrical designing of an overhead transmission line system.	2	2.3	2.1	Attained
CO 2	Model the short, medium and long transmission lines using ABCD constants for evaluating the performance of transmission system under no load and surge impedance loading conditions.	1.7	2.3	1.8	Attained
CO 3	Examine the different types of insulators and the methods for improving string efficiency in the design of overhead transmission system.	0.9	2.3	1.2	Not Attained
CO 4	Calculate the insulation resistance, capacitance and dielectric stress in underground cable transmission system to increase the efficiency and quality operation of cables.	1.7	2.2	1.8	Attained
CO 5	Analyze the sag and tension for designing the overhead transmission line under various loading and weather conditions.	3	2.2	2.8	Attained
CO 6	Determine the voltage drop in AC and DC distribution feeders and select the appropriate substation equipment for efficient distribution of electrical power to consumers.	1	2.2	1.2	Not Attained

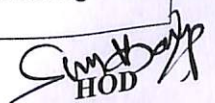
#### Action taken report:

CO 3: More attention shall be taken on calculation of string efficiency and types of insulators by conducting seminars, quizzes and tutorial classes.

CO 6: More attention shall be taken on DC and AC distribution feeders, voltage drop calculations by conducting tutorial classes and giving assignments.

  
Course Coordinator

  
Mentor

  
HOD

Head of the Department  
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