



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:	2017 - 2021
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.	2.3	2.5	2.3	Attainment target reached
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.	0.9	2.5	1.2	Attainment target is not reached.
CO 3	Examine the different types of insulators and the methods for improving string efficiency in the design of overhead transmission system.	0.9	2.5	1.2	Attainment target is not reached.
CO 4	Calculate the insulation resistance, capacitance and dielectric stress in underground cable transmission system to increase the efficiency and quality operation of cables.	2	2.5	2.1	Attainment target reached
CO 5	Analyze the sag and tension for designing the overhead transmission line under various loading and weather conditions.	2.3	2.5	2.3	Attainment target reached
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.	1.6	2.5	1.8	Attainment target reached

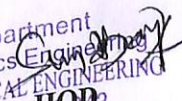
Action taken report:

CO 2: Need to conduct more tutorial classes on performance of transmission lines to improve the problem-solving skills in students.

CO 3: Should give more assignments and conduct seminars on string efficiency calculation so that students can easily solve the problems related to string efficiency.


Course Coordinator


Mentor

Head of the Department
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