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:	**2018-2022**
Course Name:	**Electrical Power Transmission Systems**	Course Code:	**AEEB19**
Semester:	**V**	Target Value:	**60% (1.8)**

Attainment of COs:

	Course Outcome	Direct attaiment	Indirect attaiment	Overall attaiment	Observation
CO1	Compute the line parameters of a single phase and three phase transmission lines using the concepts of Geometric Mean Radius (GMR) and Geometric Mean Distance (GMD).	0.90	2.60	1.2	Not Attained
CO2	Discuss about ovehead line insulators, string efficiency, sag and tesion parameters which are used in the mechanical design of transmission lines.	2.30	2.40	2.3	Attained
CO3	Classify the transmission lines and model them using ABCD constants to evalutate the performance of tranmission system.	2.30	2.30	2.3	Attained
CO4	Discuss the concepts of skin effect, proximity effect, Ferranti effect, surge impedance and corona effect in electrical power transmission inorder to improve the performance of lines.	2.30	2.40	2.3	Attained
CO5	Analyze the power system transients under different loding conditions of tranmission line using circuit concepts and Bewley's lattice diagram method.	0.60	2.60	1	Not Attained
CO6	Describe the EHV, HVDC and Underground transmission systems along with its parameters which affects the efficiency and quality operation of power system.	2.30	2.70	2.4	Attained

Action taken report:

CO1:
Practice more problems.

CO5:
Encourage students to watch the NPTEL vedios.

Course Coordinator

Mentor

Head of the Department

Head of the Department
Electrical and Electronics Engineering
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