



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

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

Name of the faculty:	Ms. K HARSHINI	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	High Voltage Engineering	Course Code:	AEEB47
Semester:	VII	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 Infer the protection methods against over voltages and working of lightning arrester for protecting various equipments in power system.	2.30	2.30	2.3	Attained
CO2 Illustrate the breakdown phenomena of various types of dielectric materials to measure their strength in an insulating medium.	0.60	2.10	0.9	Not Attained
CO3 Explain the methods of generation of impulse voltage and currents for controlling and triggering of impulse generators.	0.90	2.20	1.2	Not Attained
CO4 Apply analytical and numerical techniques of measuring voltages and currents accurately calculations in high voltage systems.	3.00	2.20	2.8	Attained
CO5 Make use of various nondestructive test techniques used for testing of high voltage electrical apparatus.	1.60	2.30	1.7	Not Attained
CO6 Outline the principles of insulation co-ordination on high voltage and Extra high voltage power systems for suppressing the over voltages	3.00	2.30	2.9	Attained

Action taken report:

CO2:

Need to give more example on breakdown phenomena of various types of dielectric materials

CO3:

need to plan expert lectures

CO5: Tutorial should be given to students


Course Coordinator

Mentor



Head of the Department

Head of the Department
Electrical and Electronics Engineering
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