



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	<b>K Harshini</b>	Department:	<b>EEE</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2016 – 2021</b>
Course Name:	<b>High Voltage Engineering</b>	Course Code:	<b>AEE015</b>
Semester:	<b>VII</b>	Target Value:	<b>60% (1.8)</b>

#### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO 1 Infer the protection methods against over voltages and working of lightning arrester for protecting various equipments in power system.	2.7	2.5	2.7	Attained
CO 2 Illustrate the breakdown phenomena of various types of dielectric materials to measure their strength in an insulating medium.	1	2.4	1.3	Not Attained
CO 3 Explain the methods of generation of impulse voltage and currents for controlling and triggering of impulse generators.	1.6	2.4	1.8	Attained
CO 4 Apply analytical and numerical techniques of measuring voltages and currents accurately calculations in high voltage systems.	2.3	2.4	2.3	Attained
CO 5 Make use of various nondestructive test techniques used for testing of high voltage electrical apparatus.	1.6	2.4	1.8	Attained
CO 6 Outline the principles of insulation co-ordination on high voltage and Extra high voltage power systems for suppressing the over voltages	2.3	2.4	2.3	Attained

#### Action taken report:

CO 2: Need to provide more assignments and lectures on breakdown phenomena of various types of dielectric materials

  
Course Coordinator

  
Mentor

  
HOD

Head of the Department  
Electrical and Electronics Engineering  
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