



# 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. T MAHESH	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	Power System Protection	Course Code:	AEEB27
Semester:	VII	Target Value:	60% (1.8)

### Attainment of COs:

	Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Describe types of existing circuit breakers, their design and constructional details used for the protection of power system under different mal condition.	0.90	2.30	1.2	Not Attained
CO2	Explain construction and working of various types relays for detection of fault and disconnection of a faulty section.	0.90	2.30	1.2	Not Attained
CO3	Classify substations based on operating voltages and their circuit elements helps in provide reliable supply for the consumers.	0.90	2.30	1.2	Not Attained
CO4	Summarize protection schemes of feeder and bus-bars that plays an effective role in protection of transmission lines.	0.90	2.30	1.2	Not Attained
CO5	Outline protection schemes of generator and transformer against open and short circuit faults for maintaining continuous supply.	0.90	2.30	1.2	Not Attained
CO6	Classify types of lightening arrestors for the protection of power system network from over voltages in order to provide uninterruptable power supply.	1.60	2.30	1.7	Not Attained

Action taken report:

- CO1:  
Conducting guest lectures on types of existing circuit breakers, their design and constructional details used for the protection of power system
  
- CO2:  
Delivering more lecture on construction and working of various types relays
  
- CO3:
  
- CO4:  
using NPTL lectures on protection schemes of feeder and bus-bars that plays an effective role in protection of transmission lines
  
- CO5:  
conducting tutorial classes on generator and transformer against open and short circuit faults
  
- CO6:  
Giving assignments on types of lightening arrestors for the protection of power system network

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Electrical and Electronics Engineering  
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