



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## ELECTRICAL POWER SYSTEMS

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. RAVI BABU T	Department:	Electrical Power Systems
Regulation:	IARE - R18	Batch:	2020 - 2022
Course Name:	AI TECHNIQUES IN POWER SYSTEMS	Course Code:	BPSB16
Semester:	II	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Apply the concepts of biological foundation of artificial neural network in modern power system analysis.	0.70	1.90	0.9	Not Attained
CO2 Demonstrate the associative models and control schemes in neural network.	3.00	2.50	2.9	Attained
CO3 Identify the structure of fuzzy logic controllers to apply in real time applications.	2.10	2.50	2.2	Attained
CO4 Acquire the knowledge of genetic algorithm operator, mutation etc., for analyzing advanced power system	3.00	2.90	3	Attained
CO5 Develop applications of AI techniques in electrical engineering, to carryout the research in the emerging areas	2.10	2.80	2.2	Attained

#### Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO1: Encouraged to do MOOCs

  
Course Coordinator

  
Mentor

  
Head of the Department

Head of the Department  
Electrical and Electronics Engineering  
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