INSTITUTE OF AERONAUTICAL ENGINEERING
(Autonomous)
Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	**Dr. A NARESH KUMAR**	Department:	**Electrical Power Systems**
Regulation:	**IARE - PG21**	Batch:	**2021-2023**
Course Name:	**Artificial Intelligence in Power System Laboratory**	Course Code:	**BPSC23**
Semester:	**II**	Target Value:	**70% (2.1)**

Attainment of COs:

	Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Develop a neural network based model for Load flow analysis. .	0.90	0.00	0.9	Not Attained
CO2	Analyze the state estimations using neural network.	0.90	0.00	0.9	Not Attained
CO3	Analyze contingency technique to predict the effect of outages like failures of equipment , transmission line u sing ANN	0.90	0.00	0.9	Not Attained
CO4	Apply the power system security using neural network.	0.90	0.00	0.9	Not Attained
CO5	Determine automatic Generation Control for single area system and two area systems using Fuzzy Logic Method.	0.90	0.00	0.9	Not Attained
CO6	Analyze the transient and small signal stability analysis of Single-MachineInfinite Bus (SMIB) system using Fuzzy Logic	0.90	0.00	0.9	Not Attained

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

CO1: Need to provide more exposure to MATLAB toolbox

CO2: Need to provide more problems

CO3: Provide more real life examples

CO4: Need to provide more exposure to MATLAB toolbox

CO5: Need to provide more exposure to MATLAB toolbox for fuzzy lgic

CO6: Provide more real life examples

Course Coordinator   Mentor   Head of the Department