


INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS
ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. GATLA RANJITH KUMAR	Department:	Electrical Power Systems
Regulation:	IARE - PG21	Batch:	2021-2023
Course Name:	Power Quality	Course Code:	BPSC20
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1	Identify the Power Quality problem by applying the techniques to mitigate them.	3.00	2.70	2.9	Attained
CO2	Analyze the methodology to improve the power quality for sensitive loads by various custom power devices.	3.00	3.00	3	Attained
CO3	Analyze the difference between failure, outage and Interruptions for reliability evaluation to power quality	0.90	1.80	1.1	Not Attained
CO4	Analyze the voltage sag and swell based power quality problem in Single phase and three phase system for deenergization of large load	3.00	2.70	2.9	Attained
CO5	Identify the Power Quality problems in Industry power systems for harmonic distortions in the nonlinear loads.	3.00	2.40	2.9	Attained
CO6	Evaluate power quality monitoring and classification mitigating techniques for the quality of voltage and current produced by a power plant.	1.60	2.70	1.8	Attained

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

CO3: ELRV classes

Course Coordinator

Mentor

Head of the Department