



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

ELECTRICAL POWER SYSTEMS

ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Mr. G KRANTHI KUMAR	Department:	Electrical Power Systems
Regulation:	IARE - R18	Batch:	2019-2021
Course Name:	INDUSTRIAL LOAD MODELLING AND CONTROL	Course Code:	BPSB15
Semester:	II	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome	Direct Attainment	Indirect Attainment	Overall Attainment	Observation
CO1 Apply knowledge of engineering science including electrical circuits, control systems and electrical machines in industrial load modelling and control.	0.60	1.90	0.9	Not Attained
CO2 Determine the industrial load management in a power system to supply specific amount of demand.	0.00	2.50	0.5	Not Attained
CO3 Outline the interruptible load control, Direct load control, controls power quality impacts for minimising transmission line losses and energy saving in industries.	0.00	2.50	0.5	Not Attained
CO4 Analyse the cooling and heating loads, cool storage, control strategies in an industrial power system.	2.10	2.90	2.3	Attained
CO5 Design a capacitive power unit in industrial load for imparting knowledge of various controllers with its evolution, principle of operation and applications.	3.00	2.80	3	Attained
CO6 Determine the optimal operating strategies of power capacitors for integrated load management and industries with economic justification.	3.00	2.80	3	Attained

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

CO1: More tutorials are needed

CO2: Expert lectures need to be planned

CO3: more examples should be provided


Course Coordinator


Mentor


Head of the Department

Head of the Department
Electrical and Electronics Engineering
INSTITUTE OF AERONAUTICAL ENGINEERING
Dundigal, Hyderabad - 500 043