



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

ELECTRICAL AND ELECTRONICS ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. J Thirupathi	Department:	EEE
Regulation:	IARE - R16	Batch:	2016 - 2020
Course Name:	Optimization Techniques	Course Code:	AHS012
Semester:	V	Target Value:	60% (1.8)

Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Solve Linear Programming Problems of different applications in engineering by formulating LP model with optimization principles.	1.3	2.0	1.4	Not Attained
CO2	Make use of transportation and assignment problems to obtain feasible and optimal values in allocating and assigning resources for real-time applications.	2	2.0	2	Attained
CO3	Select appropriate game theory and sequencing technique to reduce conflicting solutions and in completion of jobs with minimum possible time.	2.3	2.0	2.2	Attained
CO4	Choose appropriate dynamic programming methods to transform complex optimization problem into sequence of simpler in solving various types of problems.	2.4	2.0	2.3	Attained
CO5	Identify appropriate quadratic approximation techniques to solve constrained optimization problems.	2.3	2.0	2.2	Attained
CO6	Develop an ability to identify, formulate and solve simple and complex engineering problems by using appropriate optimization technique.	0.9	2.0	1.1	Not Attained

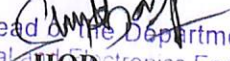
Action taken report:

CO 1: Need to use digital resources and ICT tools

CO 6: Provide more real time applications to identify, formulate and solve simple and complex engineering problems


Course Coordinator


Mentor


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