



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

## ELECTRICAL AND ELECTRONICS ENGINEERING

### ATTAINMENT OF COURSE OUTCOME –ACTION TAKEN REPORT

Name of the faculty:	<b>Mr. J Thirupathi</b>	Department:	<b>EEE</b>
Regulation:	<b>IARE - R16</b>	Batch:	<b>2017 - 2021</b>
Course Name:	<b>Optimization Techniques</b>	Course Code:	<b>AHS012</b>
Semester:	<b>V</b>	Target Value:	<b>60% (1.8)</b>

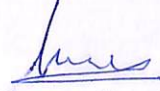
#### Attainment of COs:

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	2.2	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.	2.3	2.2	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	2.2	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	2.2	2.3	Attained
CO5	Identify appropriate quadratic approximation techniques to solve constrained optimization problems.	2.3	2.2	2.2	Attained
CO6	Develop an ability to identify, formulate and solve simple and complex engineering problems by using appropriate optimization technique.	0.9	2.2	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  
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