



# INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500043, Telangana

## MECHANICAL ENGINEERING

### ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Dr. PAIDI RAGHAVULU	Department:	Mechanical Engineering
Regulation:	IARE - R18	Batch:	2018-2022
Course Name:	OPTIMIZATION TECHNIQUES LABORATORY	Course Code:	AMEB15
Semester:	IV	Target Value:	60% (1.8)

#### Attainment of COs:

Course Outcome	Direct attainment	Indirect attainment	Overall attainment	Observation
CO1 apply the basic principles and concepts of python programming to formulate LP model for QA problems	1.70	0.00	1.7	Not Attained
CO2 apply the basic principles and concepts of python programming to formulate LP model for Qmax and min problems	1.70	0.00	1.7	Not Attained
CO3 apply the optimized material distribution schedule using transportation problem to min cost in python programming	1.70	0.00	1.7	Not Attained
CO4 identify the appropriate algorithm using python program	1.70	0.00	1.7	Not Attained
CO5 apply the basic principles and concepts of python programming to formulate LP model for to obtain no of servers and expected no of customers in the systemA problems	1.70	0.00	1.7	Not Attained
CO6 apply the basic principles and concepts of python programming to formulateMathematical model for QA problems	1.70	0.00	1.7	Not Attained

#### Action Taken:

CO1: More practice to be given on python programming to formulate LP model for QA problems.

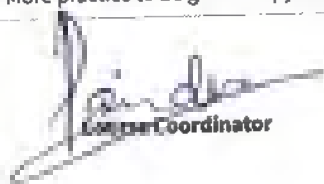
CO2: More practice to be given on python programming to formulate LP model for Qmax and min problems.

CO3: More practice is to be given on python programming to optimize material distribution schedules using transportation problems.

CO4: More practice to be given to selecting appropriate algorithms using python programs.

CO5: More practice is to be given on the formulation LP model to obtain number of servers and the expected no of customers in the system

CO6: More practice to be given on python programming to formulate mathematical model for QA problems

  
Coordinator

  
Head of the Department

  
Head of the Department

Head of the Department  
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