INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

INFORMATION TECHNOLOGY

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	**A.Sowjanya**	Department:	**IT**
Regulation:	**IARE - R16**	Batch:	**2016 – 2020**
Course Name:	**Optimization Techniques**	Course Code:	**AHS012**
Semester:	**V**	Target Value:	**60% (1.8)**

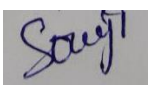
Attainment of COs:

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..	0.9	2.6	1.2	Attainment target not reached
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	2.6	2.4	Attainment target reached.
CO3	Select appropriate game theory and sequencing technique to reduce conflicting solutions and in completion of jobs with minimum possible time.	3	2.6	2.9	Attainment target is reached.
CO4	Choose appropriate dynamic programming methods to transform complex optimization problem into sequence of simpler in solving various types of problems.	2.3	2.6	2.4	Attainment target reached
CO5	Identify dappropriate quadratic approximation techniques to solve constrained optimization problems.	2.3	2.6	2.4	Attainment target reached
CO6	Develop an ability to identify, formulate and solve simple and complex engineering problems Iby using appropriate optimization technique.	0.9	2.6	1.2	Attainment target not reached

Action taken report: (To be filled by the concerned faculty / course coordinator)

CO1:Need to provide more examples on linear programming by providing assignments

CO6:Need to provide more examples on simple and complex engineering problems by conducting tutorial classes



Course Coordinator **Mentor** **HOD**