



INSTITUTE OF AERONAUTICAL ENGINEERING

(Autonomous)

Dundigal, Hyderabad - 500 043

MECHANICAL ENGINEERING

ATTAINMENT OF COURSE OUTCOME – ACTION TAKEN REPORT

Name of the faculty:	Mr. A Anudeep	Department:	ME
Regulation:	IARE - R16	Batch:	2017 - 2021
Course Name:	Robotics	Course Code:	AME533
Semester:	VI	Target Value:	60% (1.8)


Attainment of COs:

Course Outcome		Direct attainment	Indirect attainment	Overall attainment	Observation
CO1	Outline the relationship between mechanical structures of industrial robots and their operational workspace characteristics.	2.70	1.80	2.5	Attainment target reached
CO2	Demonstrate an ability to apply spatial transformation to obtain forward kinematics equation of robot manipulators.	2.40	1.80	2.3	Attainment target reached
CO3	Develop the mechanism for solving forward and inverse kinematics of simple robot manipulators.	2.70	2.40	2.6	Attainment target reached
CO4	Develop an ability to obtain the Jacobian matrix and use it to identify singularities.	3.00	1.80	2.8	Attainment target reached
CO5	Explain an ability to generate the trajectory for given application of robot manipulator.	3.00	1.80	2.8	Attainment target reached
CO6	Recall the applications of robot in manufacturing, material handling, assembly and inspections.	3.00	2.40	2.9	Attainment target reached

Action taken report: In this course, all the CO's are attained. So no need to take corrective actions.


Course Coordinator


Mentor


HOD
Head of the Department
Mechanical Engineering
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