



ELECTRICAL AND ELECTRONICS ENGINEERING ATTAINMENT OF COURSE OUTCOME - ACTION TAKEN REPORT

Name of the faculty:	Ms. ANJALI K KADAO	Department:	Electrical and Electronics Engineering
Regulation:	IARE - R18	Batch:	2019-2023
Course Name:	Introduction to Robotics	Course Code:	AMEB56
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	3.00	2.40	2.9	Attained
CO2	Demonstrate an ability to apply spatial transformation to obtain forward kinematics equation of robot manipulators	2.00	2.50	2.1	Attained
CO3	Develop the mechanism for solving inverse kinematics of simple robot manipulators.	0.90	2.40	1.2	Not Attained
CO4	Develop an ability to obtain the Jacobian matrix and use it to identify singularities.	0.90	2.40	1.2	Not Attained
CO5	Explain an ability to generate joint trajectory for motion planning.	1.60	2.40	1.8	Attained
CO6	Identify the Knowledge of robot controllers used in automation.	3.00	2.40	2.9	Attained

Action Taken Report: (To be filled by the concerned faculty / course coordinator)

CO3: Solve more problems on inverse kinematics of simple robot manipulators.
CO4: Provide assignments to obtain the Jacobian matrix and use it to identify singularities.


Course Coordinator


Mentor


Head of the Department