Department of Electrical and Electronics Engineering

List of Experiments

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1) Study of different types of robots based on configuration and application.
2) Study of different type of links and joints used in robots
3) Study of components of robots with drive system and end effectors.
4) Simulation of Forward and Inverse Kinematics using Robo Analyzer.
5) Simulation of Workspace Analysis of a 6 axis robot.
6) Forward and inverse kinematics using QBot 2
7) Verification of transformation (Position and orientation) with respect to gripper and world coordinate system
8) Estimation of accuracy, repeatability and resolution.

HOD/EEE
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