



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
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## 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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