Kinematics Simulation Project

Simulate motion scenarios.

Assignment Details

This project focuses on simulating motion scenarios using principles of kinematics.

Tasks:

1. Set up equations for linear and rotational motion.

2. Simulate scenarios with varying velocities, accelerations, and forces.

3. Graph and analyze the effects of different parameters on motion trajectories.

Expected Outcome: An understanding of how to apply kinematic equations in real-world situations using simulation software.