Mini-Project

**Self-driving Technological Intervention for Disabled and Elderly.**

**Abstract:**

People with physical disabilities and Senior citizens generally find it difficult to board their vehicles. The existing assistive mechanisms do not expound their hardships, not without succour.

Therefore, We aim to model and simulate an Autonomous driving Technological intervention for the Disabled and Elderly (Self Driving TIDE), through a widely-used general-purpose robot simulation framework CoppiliaSim, that minimizes the need for a third person and makes the Elderly and Disabled people more independent and confident to board the choice of their vehicle.

**Students:**

Venkatraman S – 123012046

Ambhareesh M D – 123012008

Sethunarayanan S – 123012057

**Project Guide:**

Dr. Harikrishnan R

Assistant Professor – Research School of Mechanical Engineering,

SASTRA Deemed University.