

## **Self-Navigating vehicle for Specially-abled people (Divyang/Elderly E-Vehicle)**

The project entails the development of a self-navigating autonomous vehicle specifically designed for physically challenged individuals on our campus, led by students from the Electronics and Communication Engineering (ECE) branch. With participation from 35-40 students each year, students will delve into various sub-topics such as sensor integration, path planning, control systems, and machine learning algorithms. This hands-on project offers students practical experience in applying theoretical concepts to real-world applications, fostering innovation and collaboration. Additionally, students will gain valuable skills in project management, teamwork, and problem-solving, preparing them for future careers in the rapidly evolving field of autonomous systems.

**Sanctioned** 13 Lakh rupees under DRID scheme

### **Team Members**

Dr. Bhawna Gupta

Dr. Ankur Bhardwaj

Dr. Pimmy Gandotra

Dr. Satya Narayan

Mr. Shwetabh

Mr. Ritesh Sharma