

TECHNOLOGY DEVELOPMENT PROGRAM

SMART CITIES AND SOCIETIES

Collision Avoidance and Recording System

Car Collision Avoidance and Recording System (CCARS) - IoT with Optical and Radio Frequency Inputs



Issue Being Addressed

- ▶ Road accident fatalities were 1.5 lac people in 2018, with an increase of over 5% every year

Key Feature of The Technology/Product /App Which Is Being Developed

- ▶ Recording system for front and blind spots
- ▶ Blind spot real-time display
- ▶ GPS integration

Impact & Benefit

- ▶ Accident prevention, especially on highways
- ▶ Possibility of auto-contact in emergencies
- ▶ Safe-driving profiles for insurance
- ▶ Useful for accident prevention and management along with low energy footprints

Team

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Targeted Customers & End Users

- ▶ Insurance Companies
- ▶ Individual 4-wheeler owners
- ▶ Insurance Brokers

Commercialization Status

- ▶ Prototype is developed and tested in laboratory