



BHARAT EV

Transportation and Infrastructure

Pilot District

Vizianagaram, Andhra Pradesh

Geospatial Innovation Accelerator

IIT Tirupati Navavishkar I-Hub Foundation (IITTNiF)

Technology Summary

Bharat EV is an integrated geospatial mobility platform serving both users and businesses. For users, it provides real-time nearby EV-charging stations, slot booking, and trip planning. For businesses, it offers ANPR-based analytics, loyalty and rewards management, station data dashboards, and admin controls.

Technology Readiness Level **7**

Value Proposition:

- Simplifies EV adoption with user-friendly route and charging tools.
- Empowers operators with data-driven infrastructure management.
- Supports government and private stakeholders in EV-network planning.

Market Potential / Deployment Plan:

Starting with Vizianagaram as a pilot, the platform targets EV-infrastructure operators, utilities, and local governments. Plans include expansion across India and replication for logistics and smart-city transport planning.

Applications:

EV-charger discovery • Slot booking • Trip planning
• ANPR analytics • Admin dashboards • Loyalty programs

Environmental / Social Impact:

Accelerates EV transition, reduces emissions, and improves equitable access to sustainable transport infrastructure.

Contribution to Sustainable Development Goals (SDGs):

SDG 7, 9, 11 & 13

Product / Application Image:

