

Project iRASTE — Telangana's AI Collision-Warning System Cuts Bus Crashes 40%

AI in the Public Sector · Good practice · India

Quality score: 47/100

Evidence strength: Moderate

Summary

Telangana fitted 200 state transport buses on three highway corridors with AI-based collision-warning cameras under Project iRASTE. A year-long comparison (April 2023–March 2024) found ADAS-equipped buses had 40% fewer accidents than buses without the system on the same routes.

Key dimensions

Dimension	Score
Evidence of impact / measured public value	2/3
Transparency, fairness & accountability	2/3
Transferability / demonstrated replication	1/3
Scalability beyond pilot	1/3
Governance, capability & sustainability	1/3

Evaluated by C-NAPSE

Data sources

C-NAPSE web research — accessed 2026-08-23

Telangana State Road Transport Corporation (TSRTC) / IIIT Hyderabad (INAI) — accessed 2026-08-23

ThePrint — 200 Telangana buses fitted with AI-based alert devices, accidents down 40% in 1 yr — accessed 2026-08-23

Deccan Chronicle — AI-based iRASTE helps reduce road accidents — accessed 2026-08-23

IndiaAI — Using predictive AI to reimagine road safety in India — accessed 2026-08-23

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