

Revolutionizing Road Infra with Modern Equipment, Technologies, Sustainable Materials and Policy Guidelines

February 29th - March 1st, 2024, Manekshaw Centre, New Delhi

Automated AI-based Road Asset Management System

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India Chapter

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Processed videos for various roads

Roads Surveyed and showcased in Video Link

Video Link <https://youtu.be/rYKKIWaRT-o>



Lucknow Rural 01

02 Chandigarh MC Road

Gurgaon ODR 03

04 Ranchi NHA1 Road

Amritsar MC Road 05

06 EPE NHA1 Rigid Pavement Road

Automated API's with AI Model use Feeds from Various Sources



RoadAthena Prototype feed



Network Survey Vehicle feed



Smart Phone feed

Data insights obtained from these feeds is passed through AI enabled Intelligent System to generate Reports and Dashboards

Various reports including dashboard

Video Link <https://youtu.be/rgMUbSwMKBE>



Benchmark the road condition by color coding into **Red**, **Yellow**, **Green** <http://www.roadathena.com>

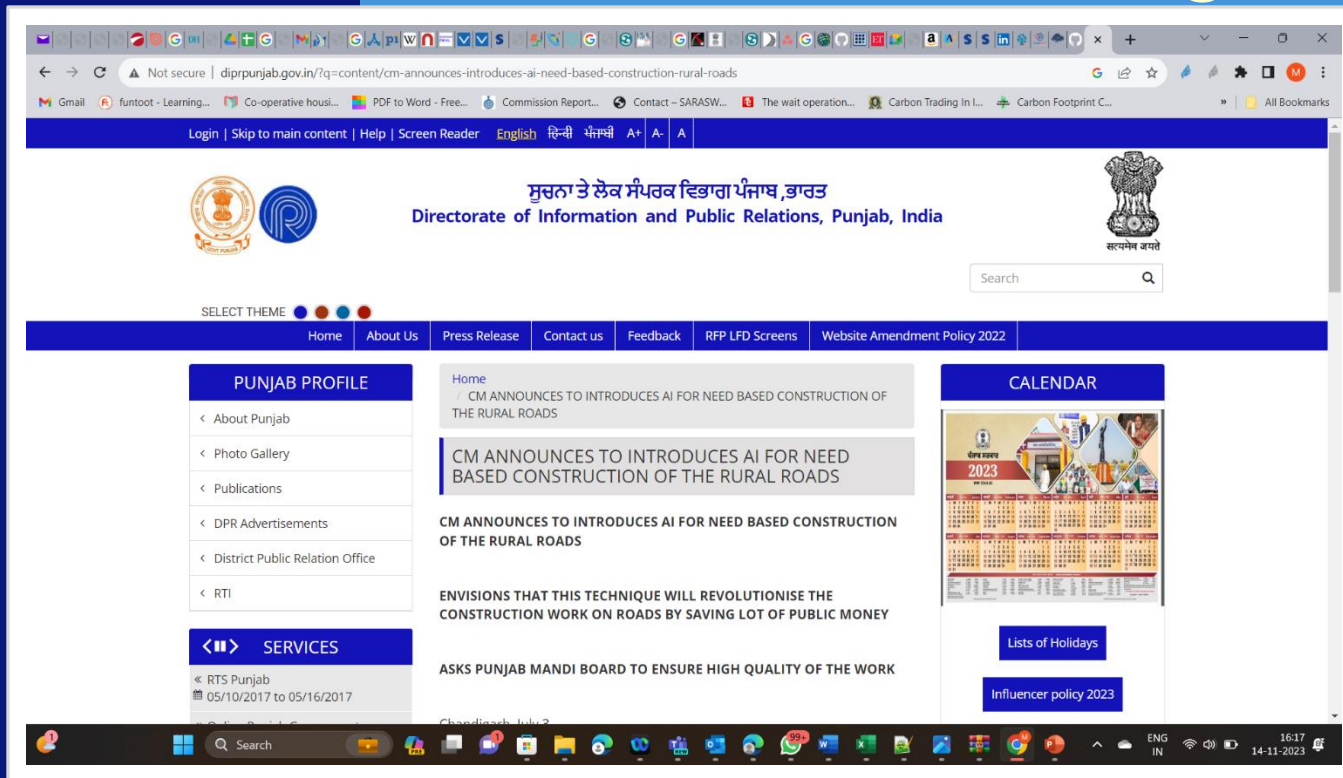
Our solution helps in effective, faster, continuous and accurate way of monitoring and reporting road condition

Sample AI Based Road Classification

LIST OF ROADS OF XXXXX CONSTITUENCY								
S.No	Site Location	Total Length (in metre)	Total Length (in m) GPS	Breadth (in metre)	Existing	Proposed work (to be reviewed and need to discuss with Report submitted)	Road Condition classification	video links
1	AAAAA	549	580	7.012	Bitumen Road	DBM & BC	Y	https://www.youtube.com/watch?v=XXXXX
2	BBBBB	219	270	8.232	Bitumen Road	DBM & BC	Y	https://www.youtube.com/watch?v=XXXXX
3	CCCCC	335	390	4.878	old cc gal	RMC/Bitumen	R	https://www.youtube.com/watch?v=XXXXX
4	DDDDDD	427	440	6.098	Bitumen Road	DBM & BC	G	https://www.youtube.com/watch?v=XXXXX
5	EEEEEE	183	230	7.513	Bitumen Road	DBM & BC	G	https://www.youtube.com/watch?v=XXXXX
		35		7.513	Bitumen Road	DBM & BC	G	https://www.youtube.com/watch?v=XXXXX

Categorize the road condition by color coding into **Red** (Completely damaged), **Yellow** (Upto 50% Damaged), **Green** (Mostly good road)

AI based Road Monitoring and Assessment Solution



<http://diprpunjab.gov.in/?q=content/cm-announces-introduces-ai-need-based-construction-rural-roads>

Got our solution at
Policy level in Punjab
State in India

Saved around **8 m \$** for exchequer by providing AI based suggestion for better prioritization of road repair



**HanuAI is selected in
Global Digital Summit &
Exhibit at the World Bank
headquarters in
Washington DC, USA.
To show case the technology
and solution**



Thank You

