

THE VISION

District Development by, from, and for the People is a collaborative initiative led by the Deputy Commissioner of **Dakshina Kannada District** that empowers

OUTCOMES IN 3 YEARS



1000+ Ideas

applied for civil issues of Dakshina Kannada



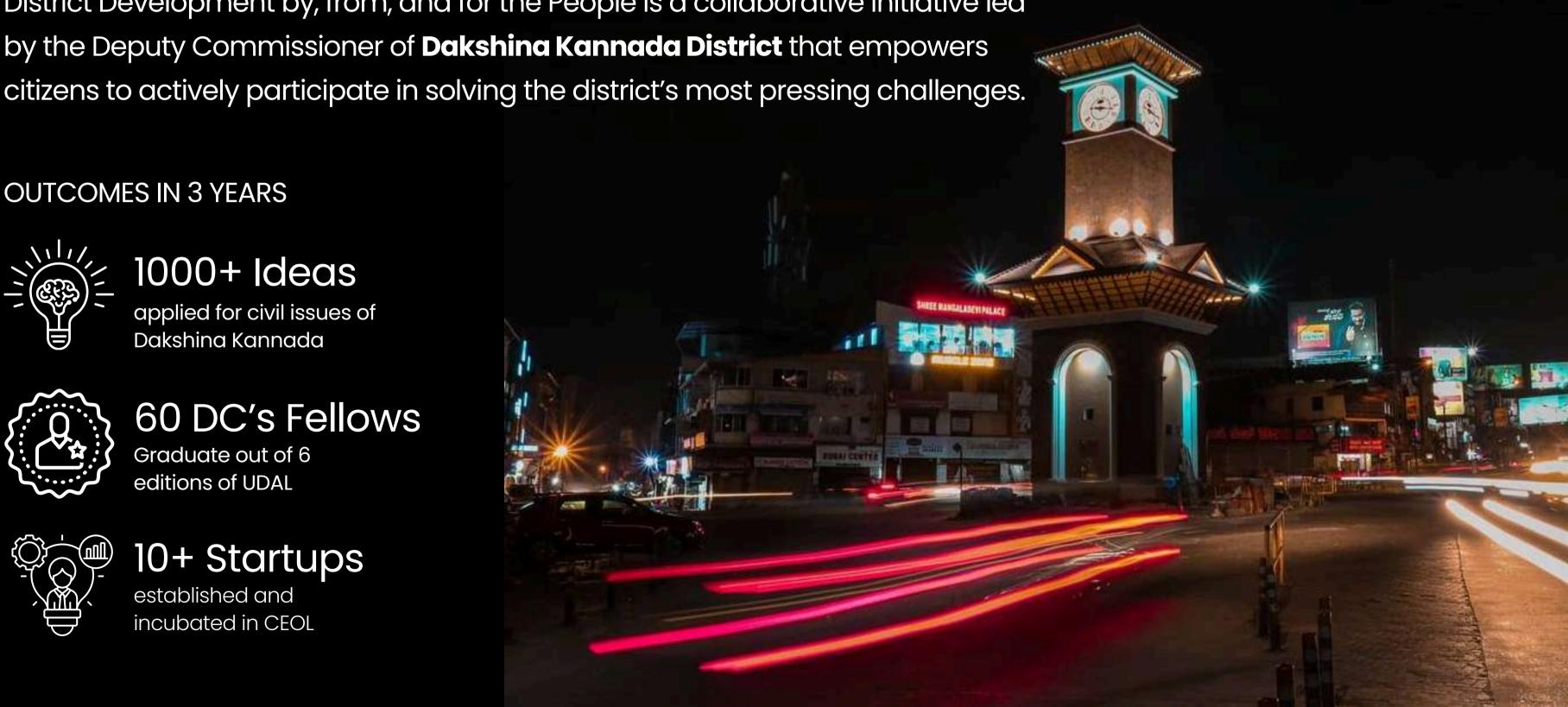
60 DC's Fellows

Graduate out of 6 editions of UDAL



10+ Startups

established and incubated in CEOL



UDAL, IN ESSENCE

A 6-month biannual program that invites the youth to participate in solving pressing challenges of the region alongside the District Administration

CITIZENS | INSTITUTIONS | CORPORATES



Mullai Muhilan M P, IAS DC, Dakshina Kannada

This movement creates a structured platform for individuals, institutions, and corporates to engage with government departments, codevelop solutions, and contribute meaningfully to the region's progress, all under guidance of the District Administration.



5 Themes

led by champions of the District Administration



100+ Youth

participants from Dakshina Kannada



20+ Mentors

from corporate providing technical mentorship



10 DC's Fellows

recognised and awarded as innovative citizens

All anchored by the DC himself

DISTRICT-LED, PEOPLE-POWERED

Official UDAL Portal

A dedicated platform hosting all problem statements, public submissions, and updates — ensuring transparency and engagement.

5 Comprehensive Cases

5 pressing district challenges opened to the public, drawing over 200 ideas from engaged citizens.

Top 10 Idea Selection

Rigorous internal evaluation to identify 50 high-potential ideas based on feasibility, viability, and scalability.

10 DC's Fellows Announced

Ten top innovators are paired with champions of the District Administration to translate ideas into scalable solutions that serve the district.

THEMES

SUSTAINABLE CITY

Driving environmental transformation in D,K, by addressing single-use plastic reduction, promoting sustainable waste management, and enhancing green initiatives.

URBAN CITY PLANNING

Improving urban infrastructure through effective road and construction management solutions tailored to the city's evolving needs.

PUBLIC HEALTHCARE SERVICE

Digitizing healthcare services at Hospitals, including streamlined medicine dispensary operations and blood dispatch tracking for improved efficiency and transparency.

DISASTER MANAGEMENT

Mitigating monsoon-related waterlogging by analyzing and optimizing the location and functionality of urban drainage systems.

TIMELINE

UDAL Challenge Launch

15 MAY, 2025

Announcement of DC's Fellows

20 JUNE, 2025

Minimum Viable Product Development

28 JUNE - 23 AUGUST, 2025

UDAL Ideation Challenge

15 JUNE, 2025

On-Ground Work & 5-Week Sprints

23 JUNE - 26 JULY, 2025

Pilot Implementation

30 SEPTEMBER - 30 OCTOBER, 2025

SELECTION CRITERIA

The fellowship is designed not just to reward bright ideas, but to identify doers — individuals ready to walk the last mile with the administration.













Relevant Skills + Strong Intent

Ability to Execute on the Ground

Alignment with District Priorities

Commitment to Public Impact

PILOT IN MANGALURU: SOLVE4DK

DISTRICT ADMINISTRATION LAUNCHES SOLVE4DK INITIATIVE

Over 30 students were invited to the war room as a part of the Solve4DK initiative, where the DC introduced opportunities for innovation in the departments of the District Administration, starting a one of its kind civic innovation initiative pilot with engineering institutes in Mangaluru where close to 8 institutions were represented by their students.

30+ Student Participations

8+
Institution Participations

6+
Projects Developed







WASTE WATCH

A CITIZEN-FACING APP BUILT BY LOCAL STUDENTS

SOLID WASTE COLLECTION MONITORING SYSTEM

A team of students from Sahyadri College have built a citizen-facing mobile application designed to provide real-time updates on the schedule of waste collection. The app also empowers primary stakeholders to rate the Mangaluru City Corporation's (MCC) waste management initiatives and allows seamless ward-wise tracking for the Health Officer.

Current Stage:

MVP Development

Partnering Institute
Sahyadri College





SMARTER ROUTES FOR 108

STUDENTS BUILD FOR THE GOLDEN HOUR

Smart Traffic Management for Emergency Vehicles

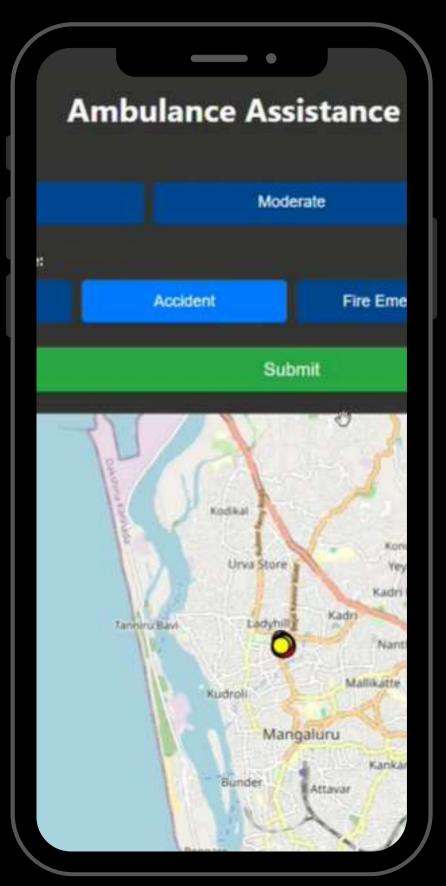
Team Rudra has built the MVP (Minimum Viable Product) for an ambulance route optimization application. Now they are collaborating with the Advanced Traffic Management System (ATMS) to identify key traffic lights, run a pilot project at a selected junction, and conduct research with Wenlock and other related hospitals to collect data on the 108 emergency response system.

Current Stage:

MVP Development

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ACADEMIC COLLABORATIONS





































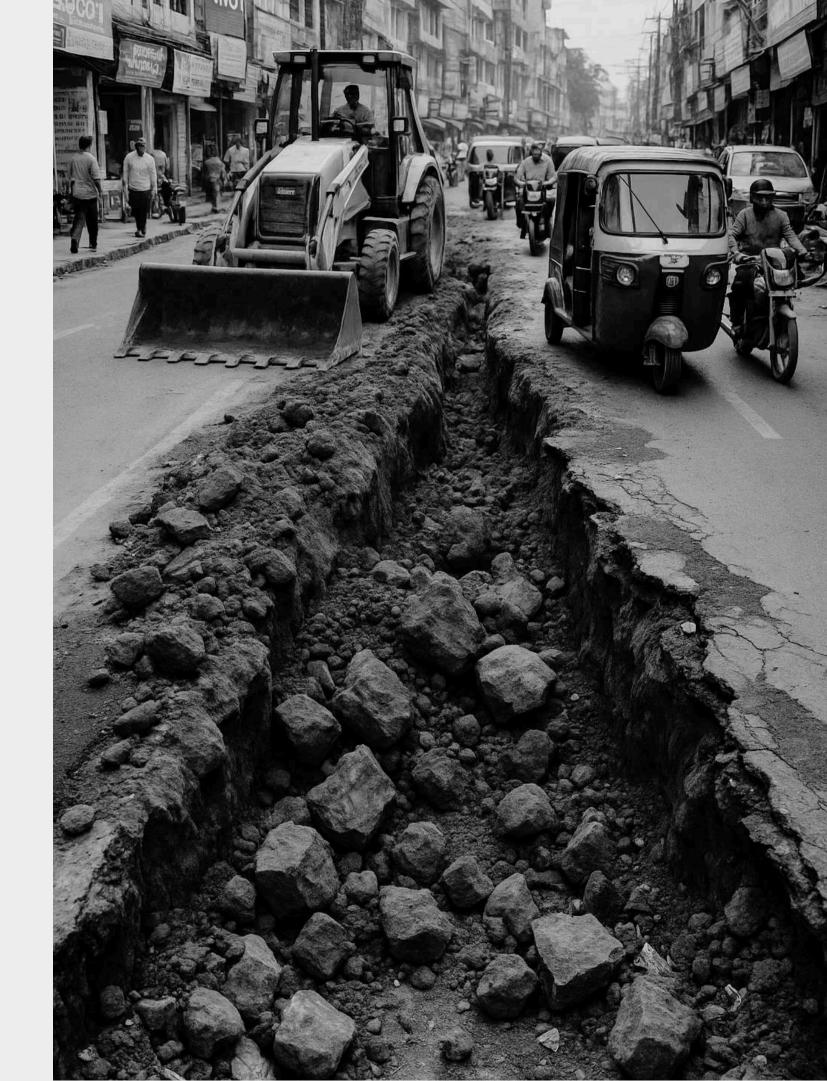


COORDINATED SCHEDULING OF ROAD & INFRASTRUCTURE WORKS

STAKEHOLDERS:

- Private utility providers (e.g., telecom, gas companies).
- Water Supply & Drainage Board.
- Municipal Engineering Department.

In each ward, multiple infrastructure agencies and contractors dig roads for different projects—laying pipelines, cables, repairing drainage—without awareness of others' timelines. This leads to resource wastage and public inconvenience. The DC seeks a city-wide view to allocate digging permissions based on priority and to minimize duplication.



STORMWATER DRAINAGE THROUGH PIPE MAPPING

STAKEHOLDERS:

- Municipal Engineering Department.
- Water Supply & Drainage Board.
- Utility and Infrastructure Departments.

During the monsoon, certain city roads repeatedly flood due to stormwater drainage issues. Many underground pipelines—laid by both public agencies and private players—drain directly onto roads or are damaged, blocked, or poorly maintained. Because these pipelines are not properly documented or mapped, it becomes difficult to identify.



DIGITIZING MEDICINE ACCESS IN THE DISTRICT HOSPITALS

STAKEHOLDERS:

- District Health Officer (DHO).
- Hospital Administrators & Doctors.
- Health IT Department / NIC (National Informatics Centre).

Wenlock Hospital, a major public healthcare facility, requires every prescription to be routed to a senior health officer (like a District Health Officer – DHO) for approval before medicines are issued. This leads to long delays, particularly for low-income patients dependent on public healthcare. The lack of a digital workflow slows down treatment and strains hospital staff.



REAL-TIME BLOOD AVAILABILITY FOR CRITICAL PATIENTS

STAKEHOLDERS:

- Blood Bank Staff and Technicians.
- District Health Officials.
- NGOs involved in blood donation and awareness.

In emergency cases like trauma, surgery or advanced illnesses, patients depend on timely access to blood. While blood banks handle donations and allocations, patients and their families are frequently left in the dark after the blood is requested or approved. The absence of a real-time tracking or notification system causes confusion, stress, and potential medical delays.



ENFORCING A BAN ON SINGLE-USE PLASTICS

STAKEHOLDERS:

- Pollution Control Board.
- Urban Local Bodies.
- Trader's Associations.

The city has banned items like plastic bags, cutlery, and packaging materials, yet these continue to be used, especially by small retailers and vendors. Weak enforcement, low-cost availability, and lack of accessible alternatives keep the plastic economy running informally.

