



Smart City Mission

Building Transparent, Empowered, and
Self-Reliant Villages and Cities

Smart Governance | Digital India | Local Employment



01

Smart Waste Management System

Core Problems Today

- Villagers don't know when garbage truck will arrive
- Waste segregation is not followed properly
- Garbage often remains uncollected
- No monitoring of sanitation workers
- Pollution harms environment and health

Smart Waste Solution Components



GPS Tracking of Garbage Trucks

- Install GPS tracker in every garbage vehicle
- Track vehicle location in real-time
- Panchayat dashboard shows live location



Villager Notification System

- Automatic notification sent before truck arrives
- Notification via mobile app, WhatsApp, or SMS
- Allows villagers to prepare waste in advance

Waste Segregation Support

- Separate dry waste and wet waste collection
- Separate trucks or separate collection days
- Educate villagers on segregation

Panchayat Monitoring Dashboard

- Shows vehicle routes
- Shows missed pickups
- Shows driver performance



Benefits

- ✓ Cleaner Villages
- ✓ Improved Sanitation
- ✓ Reduced Pollution
- ✓ Efficient Waste Collection
- ✓ Accountability of Sanitation Wokers

Long-term Impact

- ✓ Sustainable environment
- ✓ Improved public health
- ✓ Smart sanitation infrastructure

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02 Public Complaint, and Transparency System

Core Problems Today

- No easy system to report issues
- Complaints often ignored
- No accountability
- No transparency



Public Complaint Solution Components



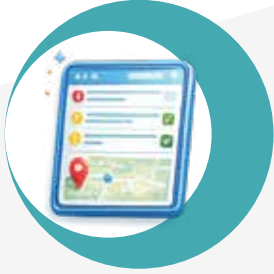
Complaint Submission System

Villager can submit complaint including Photo, GPS location, Description, and category.

Examples:

Road damage | Garbage issue | Water leak
| Street light failure





Public Complaint Dashboard Shows:

- All complaints
- Status (Open, In Progress, Resolved)
- Location on map



Open Resolution System

Anyone can resolve complaint:

- Panchayat official
- Worker
- Volunteer
- Citizen



Performance Leaderboard (Merged Feature)

- Number of complaints resolved
- Resolution time
- Contributor ranking

Benefits

- ✓ Faster resolution
- ✓ Transparent governance
- ✓ Citizen empowerment
- ✓ Encourages public service

Long-term Impact

- ✓ Performance-based leadership
- ✓ Stronger democracy

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03 Transparent Panchayat Expense Tracking System

Core Problems Today

- People don't know how funds are used
- Lack of transparency
- Possible corruption



Transparent Panchayat Expense Tracking Solution Components

Income Tracking

- Government funds received
- Scheme allocations

Expense Tracking

- Where money was spent
- Project details
- Expense proof



Scheme Tracking

- All schemes
- Budget
- Status
- Beneficiaries



Benefits

- ✓ Builds trust
- ✓ Prevents corruption
- ✓ Financial accountability

Long-term Impact

- ✓ Transparent governance system





04

Annual Health and Mental Health System

Ensure preventive healthcare and mental wellbeing.

Solution Components

Physical Health Checkups

- Blood pressure
- Sugar
- Cholesterol
- Weight

Mental Health Screening

- Stress
- Depression
- Anxiety

Digital Health Records

- Each villager gets health profile.

Benefits

- ✓ Early disease detection
- ✓ Better healthcare planning
- ✓ Improved wellbeing

Long-term Impact

- ✓ Healthier population





05

Kullvi Gurukul Skill and Employment System

“Create employment through skill development.”

Skill Training Centers

Training In: Software development | Marketing | Tourism | Crafts

Trainer Booking System

Experts can: Schedule classes | Teach skills | Earn income

Student Enrollment System

Youth can: Enroll | Learn | Get certified

Benefits

- ✓ Job creation
- ✓ Skill development
- ✓ Economic growth

Long-term Impact

- ✓ Self-reliant communities

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06

Online and Offline Marketplace System

Online Marketplace



Offline Marketplace



Benefits

- ✓ Higher income
- ✓ Eliminates middlemen
- ✓ Promotes local products

Long-term Impact

- ✓ Strong local economy

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07 Community Relation and SOS Emergency System



Community Network

- Connect Villagers Digitally
- SOS Emergency Button



Instant Alerts

- Villagers
- Authorities
- Volunteers

Benefits

- ✓ Faster emergency response
- ✓ Improved safety

Long-term Impact

- ✓ Safer communities





8 Digital Governance, and Union Management System



Digital Panchayat Services

- Certificates
- Approvals
- Applications



AI Governance Tools

- Writing letters
- Generating approvals



Tender System

- Tender listing
- Bidding
- Fair selection





Union Management System

- Taxi unions
- Tourism services



Benefits

- ✓ Efficient governance
- ✓ Fair opportunities
- ✓ Reduced corruption

Long-term Impact

- ✓ Fully digital governance ecosystem





9 World-Class Government School Transformation

Transform government schools into such high-quality institutions that people actively prefer them just like they compete for government jobs.

Core Problems Today

- Perception that private schools are better
- Lack of infrastructure and modern facilities
- Limited exposure to practical and skill-based learning
- Teacher accountability and motivation gaps



World-Class Government School Solution Components

Infrastructure Upgrade

- Smart classrooms with digital boards
- Clean campuses, proper sanitation, and sports facilities
- Access to libraries and computer labs



High-Quality Teaching Standards

- Regular teacher training programs
- Performance tracking and accountability
- Incentives for top-performing teachers

Skill-Based & Practical Learning

- Focus on real-world skills (technology, communication, problem-solving)
- Integration with skill development programs (linked with Kullvi Gurukul)
- Hands-on projects and activities

Digital Learning Integration

- Access to online learning platforms
- Recorded lectures and study materials
- Hybrid learning model (online + offline)

Student Growth & Career Guidance

- Career counseling sessions
- Exposure to different career paths
- Mentorship programs



Parent & Community Involvement

- Regular parent-teacher interaction
- Community participation in school development
- Transparency in student progress

Benefits

- ✓ Increased trust in government schools
- ✓ Reduced financial burden on families
- ✓ Equal quality education for all
- ✓ Better future opportunities for students

Long-term Impact

- ✓ Strong educational foundation
- ✓ Reduced inequality in education
- ✓ Government schools becoming the first choice, not the last option





AND MUCH MORE...

QR Contact & Feedback System

- QR code outside every office
- Contact or submit feedback instantly
- Improves accessibility and accountability

Digital Booking Platform (Taxi & Tourism)

- Central booking for taxis, paragliding, etc.
- Organized union operations
- Better tourist experience

Community Platform (Local Social Network)

- Verified local users
- Reliable information
- Emergency communication
- Data stays within the country



Our Culture, Our Roots

- Promote fairs and festivals
- Village tourism & homestays
- Cultural experiences
- Boost local income

Online Fraud Awareness

- Awareness campaigns
- Training on fraud prevention
- Reporting guidance

Smart Agriculture System

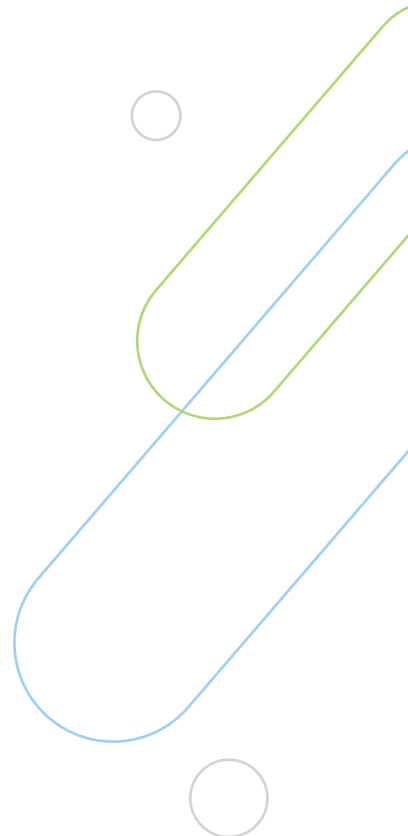
- Weather alerts
- Crop advisory
- Market prices
- Direct selling

Smart Education Platform

- Digital learning
- Skill-based education
- Career guidance

Renewable Energy System

- Solar adoption
- Smart energy monitoring
- Sustainability awareness





THIS IS JUST THE BEGINNING

This is not the end,
it is **just the starting point.**

The **Kullvi Smart City Mission** is a continuous journey. We will keep interacting with local communities, understanding their needs, and improving our ideas.

The best solutions come from the people themselves.

Through ongoing discussions, feedback, and brainstorming:

- New ideas will emerge
- Existing systems will improve
- Better solutions will evolve

*This transformation will take time.
It will not happen overnight.*

If we start today with the right intent and consistent effort, we can achieve this vision, not today, not tomorrow, but someday.

Together, we will make it happen.