



Housing and Urban Development Department
Government of Jammu and Kashmir



BEST E-GOVERNANCE PRACTICES OF J&K, **H&UDD**



e-PARIWARTAN

Empowering Governance with Predictive AI and GIS Precision

Ms. Mandeep Kaur (IAS)

Commissioner/ Secretary

Housing and Urban Development Department, J&K



Introduction

The Housing and Urban Development Department, Jammu and Kashmir believes that e-governance is an opportunity to transform the department's commitment to be citizen centric, provide cost-effective services and enhance governance through improved access to accurate information and transparent and responsive democratic institutions. Thus e-Governance is no longer an experiment in administrative reform. For both government organizations & citizens, its advantages are far reaching in comparison to investment in establishing e-governance.

The Goal

The goal of the JKHUDD's e-PARIWARTAN project is to ensure maximum number of satisfied citizens by developing a hassle free, transparent & easy to use public service delivery system in Urban Local Bodies of Jammu and Kashmir.

Rationale for the Reform

Jammu and Kashmir Housing and Urban Development Department (JKHUDD) is committed to provide transparent, accountable and efficient local governance through the use of modern technologies especially in management and administration fields. It has decided to embrace Information Technology in the form of e-Governance as a tool towards this goal. Better IT systems are required to integrate all the workflows seamlessly for a faster and efficient service to the citizens, employees, administrators and compotators.

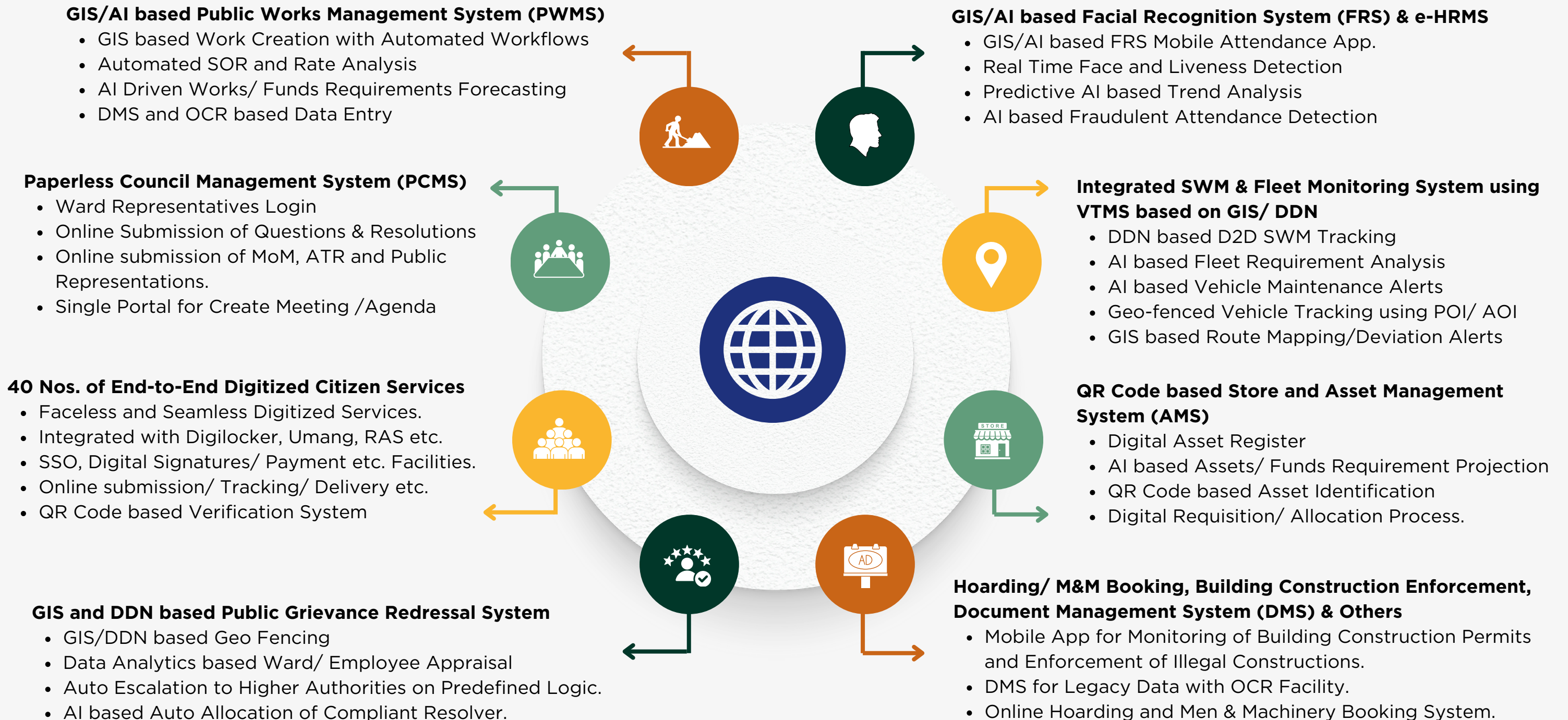
The recent advances in ICT and the Internet provide opportunities to transform the relationship between governments and citizens, as well as contribute to the achievement of good governance goals. e-Governance will ensure that the interface between citizens and urban local bodies made smooth and resolves the problems encountered by people at present. The use of ICT can help greatly in improved service delivery, decentralization, better information management and transparency, citizen involvement in government and overall improvement in urban governance across departments.





e-PARIWARTAN TECHNOLOGICAL ARCHITECTURE

Empowering Governance with Predictive AI and GIS Precision

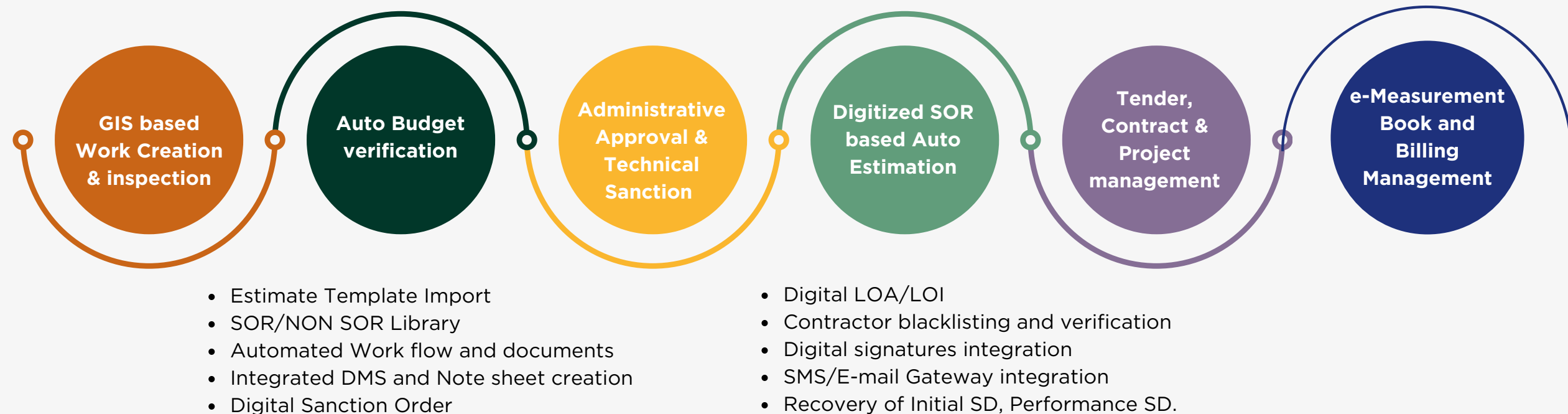


MODULE: 1


GIS/AI based Public Works Management System (PWMS)

The Jammu & Kashmir Housing and Urban Development Department has developed the Automated Public Works Management System (PWMS) having AI-driven Predictive Intelligence & GIS features under e- PARIWARTAN project to Streamline and Digitize the entire Lifecycle of Public Works. The System begins with Citizens or Public representatives GIS/DDN based requests followed by GIS based Field Inspection through Mobile App, Automated Estimation through Digitized J&K PWD SOR 2022, Technical Sanction, Automated Budget Validation, Administrative Approval, Tendering, e-Measurement Book, Project Tracking as per Timelines, Work Inspection through Mobile App, Auto Notice/ Penalty, GIS based Work Validation, Billing Process etc. Auto GIS layers of Works like Building, Community Hall, Lanes/ Drains etc. transferred on GIS platform through API which can be Exported into KMZ/KML Files for Submission to PM Gati Shakti National Master Plan (PMGS-NMP) Portal. Predictive AI is used for Analyzing Historical Data which Helps in taking Future Decision related to Works Planning & Financing etc.

- Citizens/Public representatives requests
- GIS based Work Creation process
- Auto Budget/funds validation
- GIS Mapping with portable layers
- Estimate creation with digitized SOR
- DMS based auto data entry from OCR
- Tender Document Library
- Mobile based Pre/Post work inspection
- Auto Notice/Penalty
- e-Measurement book with mobile app
- Contractor & Work management
- Project Timelines verification
- Predictive AI based DSS
- Data analytics based forecasting
- Integration capabilities with National dashboard
- Scalable and sustainable solution
- Seamless & faceless platform
- Micro monitoring and steek analysis



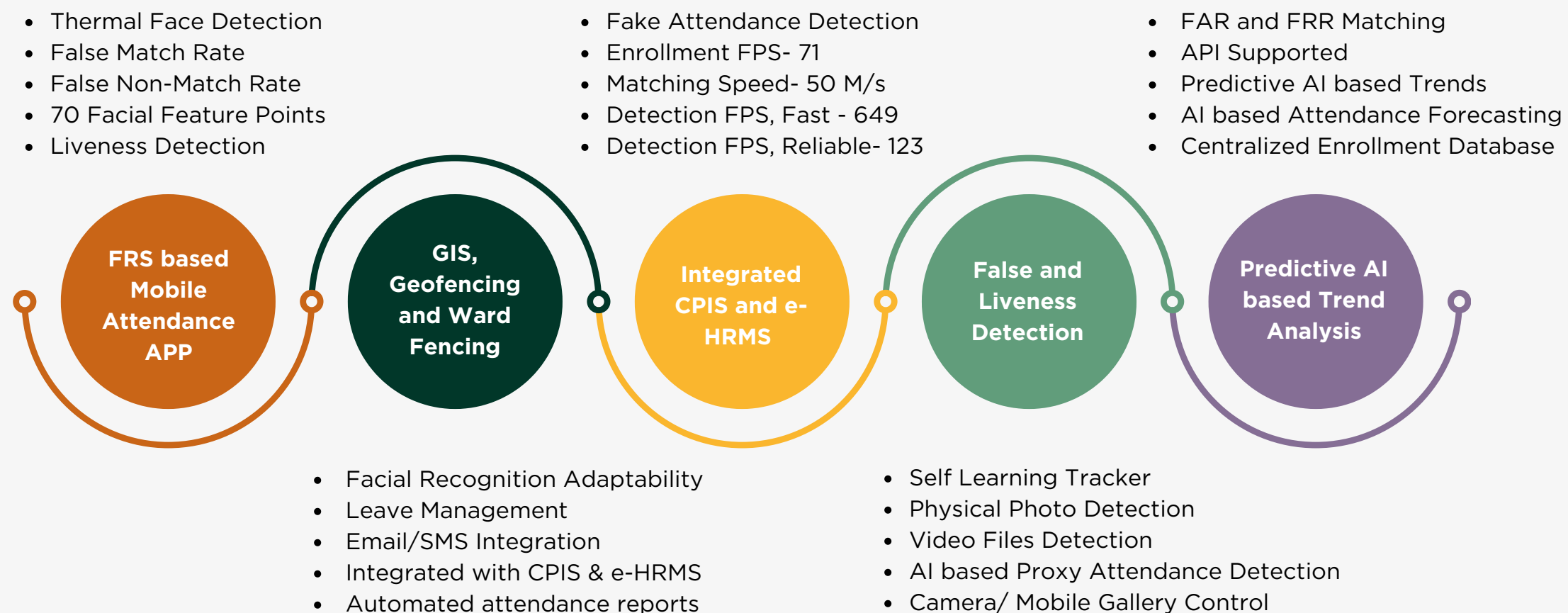
MODULE: 2



GIS/AI based Facial Recognition System (FRS) & e-HRMS

The AI-based Face Recognition Attendance System for JKHUDD utilizes advanced artificial intelligence and GIS precision to automate attendance marking process for field employees, ensuring accuracy, efficiency, and real-time monitoring. The system detects face liveness, matches them against a registered database, and marks attendance instantly. FRS uses technology that detects facial features quickly and reliably using a proven SDK (Software Development KIT). The SDK processes an image, detects human faces within it, and returns the coordinates of 70 facial feature points including eyes, eye contours, eyebrows, lip contours, nose tip, and so on. GIS and geo-fencing features integrated to ensures that field staff, especially sanitation workers, can only mark attendance from designated attendance points in the wards. Additionally, predictive AI enhances the system’s functionality by analyzing historical attendance data, behavior patterns, and external factors such as holidays or absentee trends. This allows the system to forecast attendance patterns, optimize resource allocation, and proactively address potential staffing shortages.

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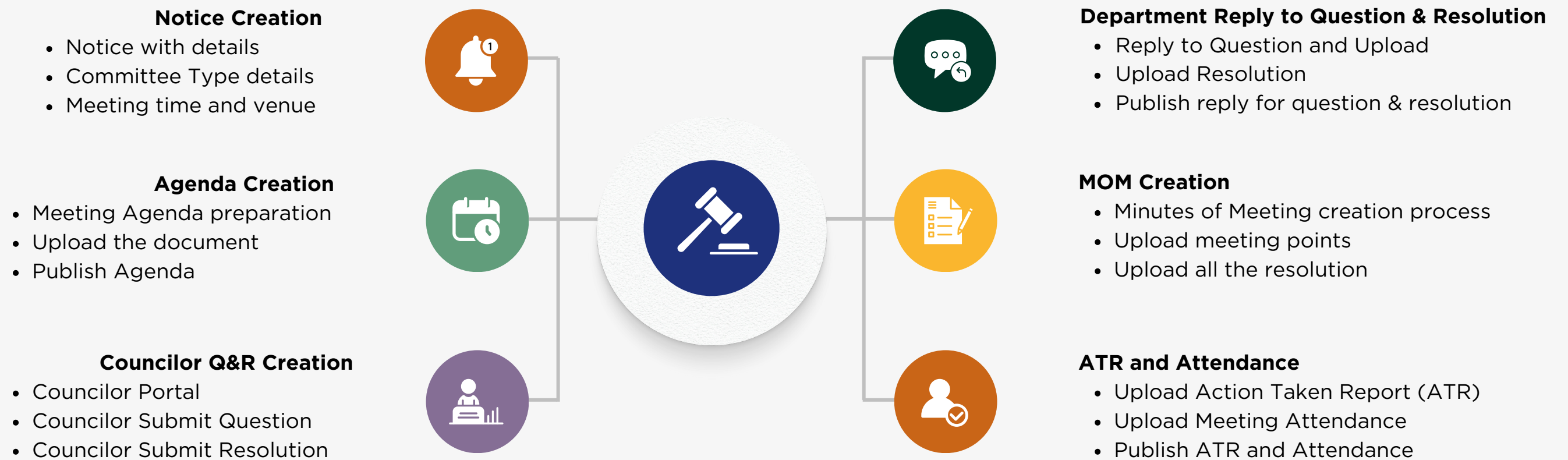
MODULE: 3



Paperless General Council Management System (PCMS)

The Paperless Council Management System has been developed by JKHUDD to streamline Functioning of General House Proceedings Comprising of Elected Public Representatives. The System begins with Meeting Notice Creation for various Meetings of General House, Standing Committees, Administration etc. wherein Meeting Notices, Committee Types, Meeting Schedules, and Venues are Recorded. This is followed by Agenda Creation, Enabling the Preparation, Document Upload, and Publication of Meeting Agendas for Transparency and Accessibility.

The system also facilitates Mayor, Deputy Mayor, Standing committees Chairpersons, Ward Councilor’s Questions and Resolution Creation, allowing Councilors to Submit Questions and Resolutions through a Dedicated Portal in a Time Bound Manner. Departments can then Reply to Questions & Resolutions by Uploading Responses and Publishing them for Official Reference. The MOM Creation Module ensures Accurate Documentation of Minutes of Meetings (MoM), including Resolutions and Key Discussion Points. Additionally, the ATR and Attendance Module enables the Upload and Publication of Action Taken Reports (ATR) and Meeting Attendance Records. This Digital Solution enhances Efficiency, Accountability, and Transparency in Municipal Governance in a Paperless Manner.



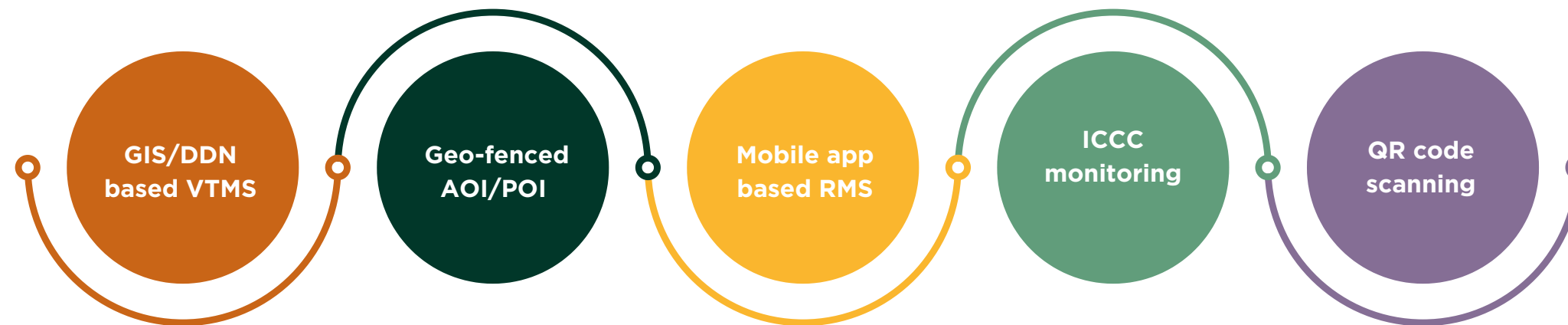
MODULE: 4


Integrated SWM & Fleet Monitoring System using VTMS based on GIS/ DDN

GIS/DDN/QR Code based Solid Waste Management System integrates GIS, AI, and QR technology for real-time waste collection tracking. Sanitation staff scans QR-coded Digital Door Numbers which is updated and monitored from Integrated Command & Control Centre. AI-based facial recognition ensures workforce attendance, while citizens can monitor collection status and lodge online complaints ensuring transparency and efficiency. The innovation is part of the Swachh Bharat Mission (SBM)-Urban and Smart City initiatives under the Ministry of Housing and Urban Affairs (MoHUA), Government of India. It aligns with Digital India and Smart Cities Mission, enhancing municipal waste management and urban governance.

Door-to-Door Garbage Collection Vehicle Tracking using Geo-Fenced Area of interest/Point of Interest for managing waste collection vehicles. The SWM vehicle monitoring done through ICCC is an advanced and centralized solution to modernize waste collection operations. QR code & DDN based revenue collection system through POS & mobile is integrated to boost digital payments initiative and prevent government revenue pilferage.

- Geo-Fenced AOI/POI
 - Unique DDN Alloted to each Property
 - QR Code Scanning for SWM Collection
 - Mobile App for Revenue Collection
 - POS for Revenue Collection
 - Digital Payments
- Digital Certificates for D2D Collection & User charges Payments
 - Identifies based on Waste Generation Patterns Areas Requiring Attention
 - Assigns Unique Digital Identifiers to Properties for Precise Waste Collection
 - Facilitates Vehicle Tracking and Ensures Systematic Waste Pickup
 - Alerts for Route Deviations, Delays, or Operational Issues
 - Live Dashboards for Waste Collection Status and Vehicle Performance
- Digitized Fleet details
 - Digitized Job Card Creation
 - QR Code based Fleet Identification
 - Digital Vehicle Repair Details
 - Digitized O&M Details
 - Digitized Log Books & Trip Details



- UPI Payments through QR Scanning
- Dynamic QR code based Payments
- Digitized Revenue demand & Collection Register
- No Revenue Pilferage
- SMS/E-mail Notifications

- Real-time Tracking
- Citizens Complaint Mechanism
- Tool Free Number for Complaints
- Alert Mechanism
- Integration with ICCC

MODULE: 5


40 Nos. of End-to-End Digitized Citizen Services

The Jammu & Kashmir Housing and Urban Development Department (JKHUDD) has introduced 40 fully digitized End-to-End citizen services, revolutionizing the way urban services are delivered. This initiative provides a seamless, end-to-end online experience, eliminating the need for physical visits and reducing bureaucratic delays. Citizens can now submit applications effortlessly through a simplified process, ensuring greater convenience and accessibility. With real-time tracking, applicants can monitor the status of their requests, bringing transparency and efficiency to the system.

Key features of this digital transformation include online document verification, secure digital fee payments, and instant certificate downloads with digital signatures. These enhancements not only save time but also minimize the scope for errors and manual interventions, making the entire process more reliable. By leveraging technology, JKHUDD is fostering a more citizen-centric, accountable, and responsive governance model, in line with the broader vision of digital empowerment and smart urban development. This initiative marks a significant step toward modernizing public services and improving the overall ease of living for residents.



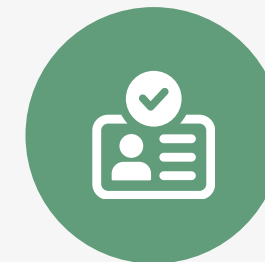
Birth-Death Certificate



Online Building Permission System



NOC for Commercial Establishments



Issuance of Street Vending License



Application for Compassionate Appointment



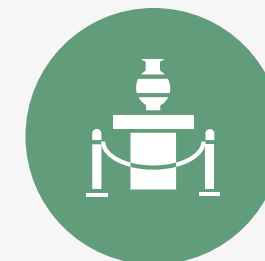
Registration of Diary Farms



Registration of Pet Clinics



License to Architect/ Draftsman



Permission for Trade Fare/ Exhibition



Permission for Street Light Installation

MODULE: 6



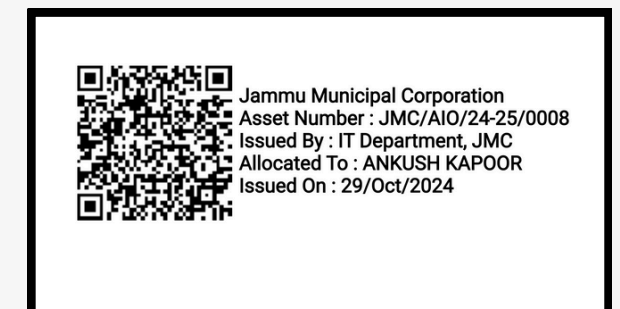
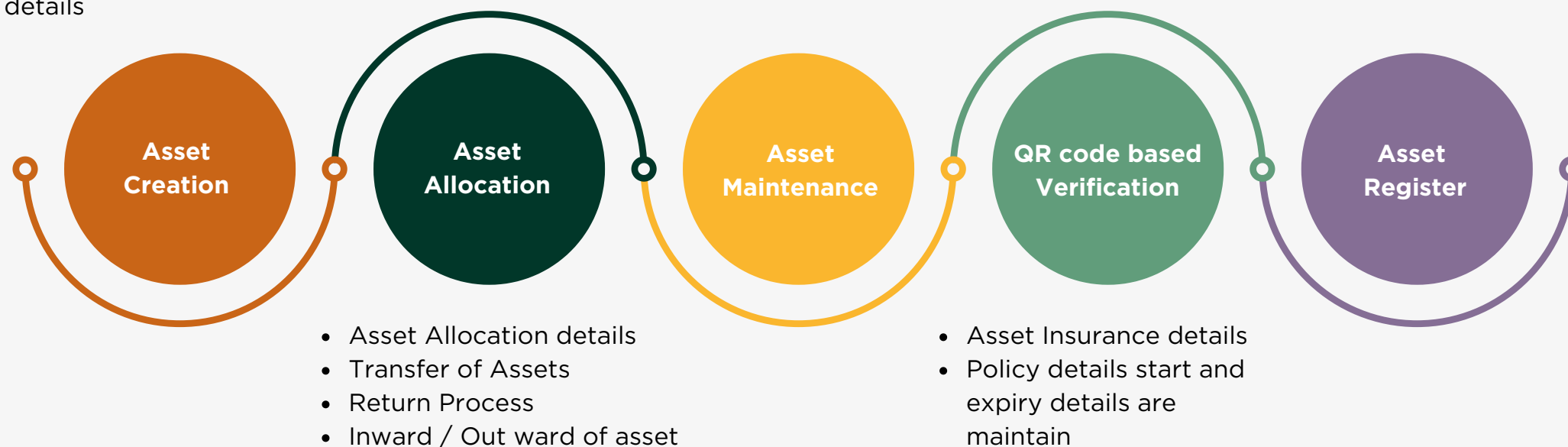
QR Code based Store and Asset Management System (AMS)

The Asset Management System for JKHUDD is designed to systematically plan, procure, operate, maintain, and dispose of municipal assets, ensuring efficient service delivery and maximizing the value of public investments. This system facilitates the management of both movable and immovable assets across JKHUDD and its line departments, involving various stakeholders for streamlined operations and easy monitoring. By maintaining a comprehensive asset inventory, the system enables better planning for maintenance and inspection, ensuring that newly acquired assets are properly recorded and utilized for organizational benefits.

JKHUDD manages a wide range of assets, including IT equipment, stationery, health and safety equipment, mechanical and electrical items, vehicles, furniture, and fixtures across multiple offices such as the HQ office, section offices, and division offices. To ensure proper asset utilization and longevity, JKHUDD maintains an asset register to track asset transfers, movements, and depreciation processes. The system also supports asset planning and lifecycle management, aligning with JKHUDD’s long-term goals and priorities.

- Asset Details with Type, Sub type
- Store wise asset details
- QR code process
- Maintain creation to disposal details

- Asset details with Maintenance History
- Periodic Inspection
- Identify defect and Update details



(Sample Asset QR)

MODULE: 7


GIS and DDN based Public Grievance Redressal System

The Jammu & Kashmir Housing and Urban Development Department (JKHUDD) has implemented a GIS and Digital Door Number (DDN)-based Public Grievance Redressal System, revolutionizing urban governance and service delivery. This system enables citizens to register grievances seamlessly across various municipal services, including sanitation, civil works, illegal constructions, building permissions, urban infrastructure, and administration. By integrating Geographic Information System (GIS) mapping and unique Digital Door Numbers, complaints can be precisely located and efficiently routed to the relevant department for swift resolution. This data-driven approach enhances accountability, reduces response time, and ensures that urban services remain responsive to citizens' needs. AI based auto allocation of complaint resolver feature is the main feature.

With real-time tracking and automated escalation mechanisms, the system improves transparency and efficiency in grievance redressal. Citizens can register complaints online, track their status, and receive updates on resolutions, ensuring greater trust in governance. For departments like sanitation and civil works, timely identification of problem areas leads to improved service delivery.


Health & Sanitation

Civil Works

Illegal constructions

Building Permission

Veterinary Wing

Accounts

Street Lights

Municipal Vehicles

**Administration
Related**

**Urban Forestry
Related**

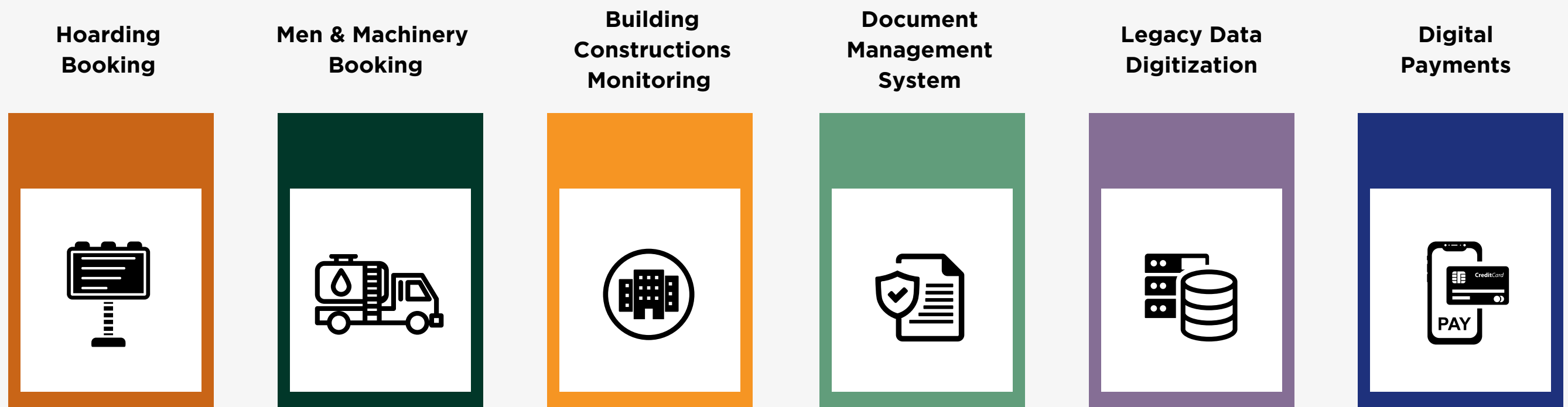
MODULE: 8



Hoarding/ M&M Booking, Building Construction Monitoring, Document Management System (DMS) & Others

The Jammu & Kashmir Housing and Urban Development Department (JKHUDD) has introduced a comprehensive digital framework for managing hoardings, men and machinery, building construction monitoring mobile app, and document management. This initiative leverages technology to streamline operations, enhance transparency, and improve regulatory oversight. With a dedicated system for hoardings, authorities can efficiently monitor legal and illegal advertisements, ensuring compliance with municipal guidelines. Similarly, an integrated platform for managing men and machinery optimizes resource allocation, tracks asset utilization, and enhances operational efficiency in urban development projects.

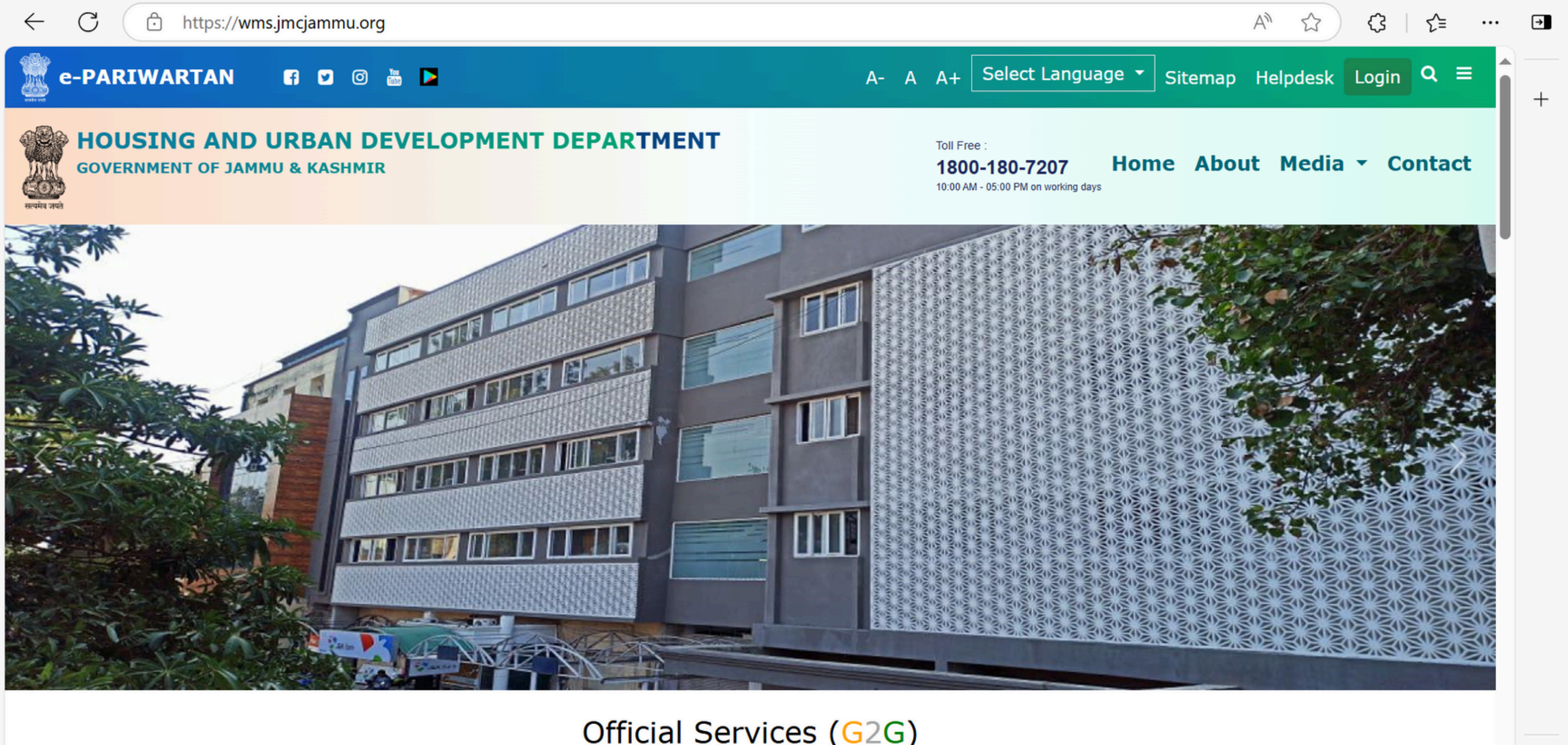
The building construction monitoring & illegal constructions enforcement mobile app strengthens regulatory mechanisms by enabling real-time monitoring of construction activities, preventing unauthorized developments, and ensuring adherence to approved plans. Additionally, the Document Management System (DMS) digitizes records, facilitates secure storage, and simplifies access to important documents for both officials and citizens. This not only reduces paperwork and administrative delays but also enhances transparency in approvals and compliance tracking. By streamlining enforcement and documentation, the system minimizes disputes, improves efficiency, and ensures smoother coordination between different departments. By implementing these digital solutions, JKHUDD is fostering a more accountable, efficient, and well-regulated urban governance system, aligning with the vision of a smarter and more sustainable urban future.



ANNEXURES

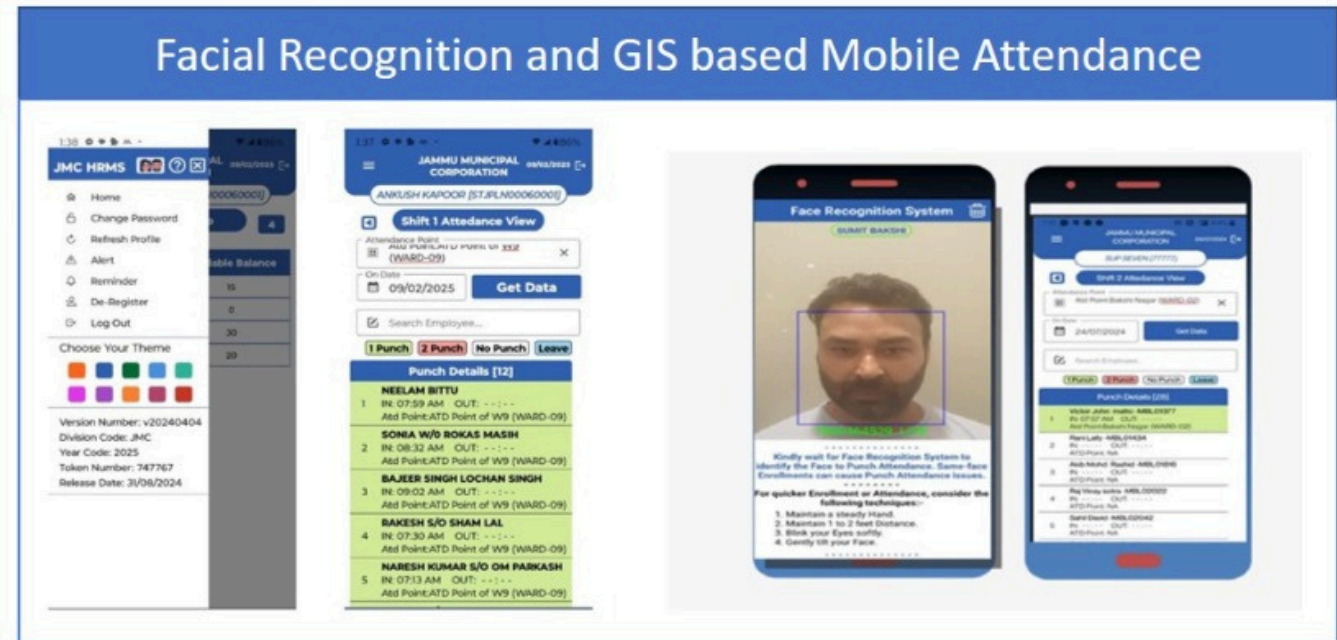
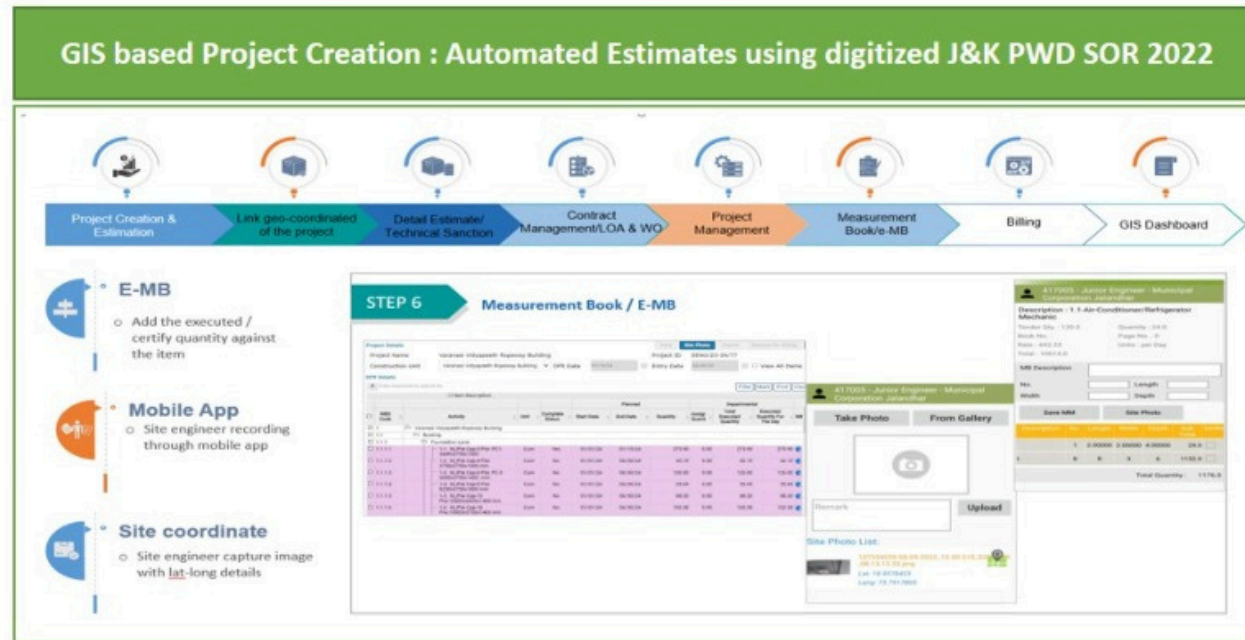
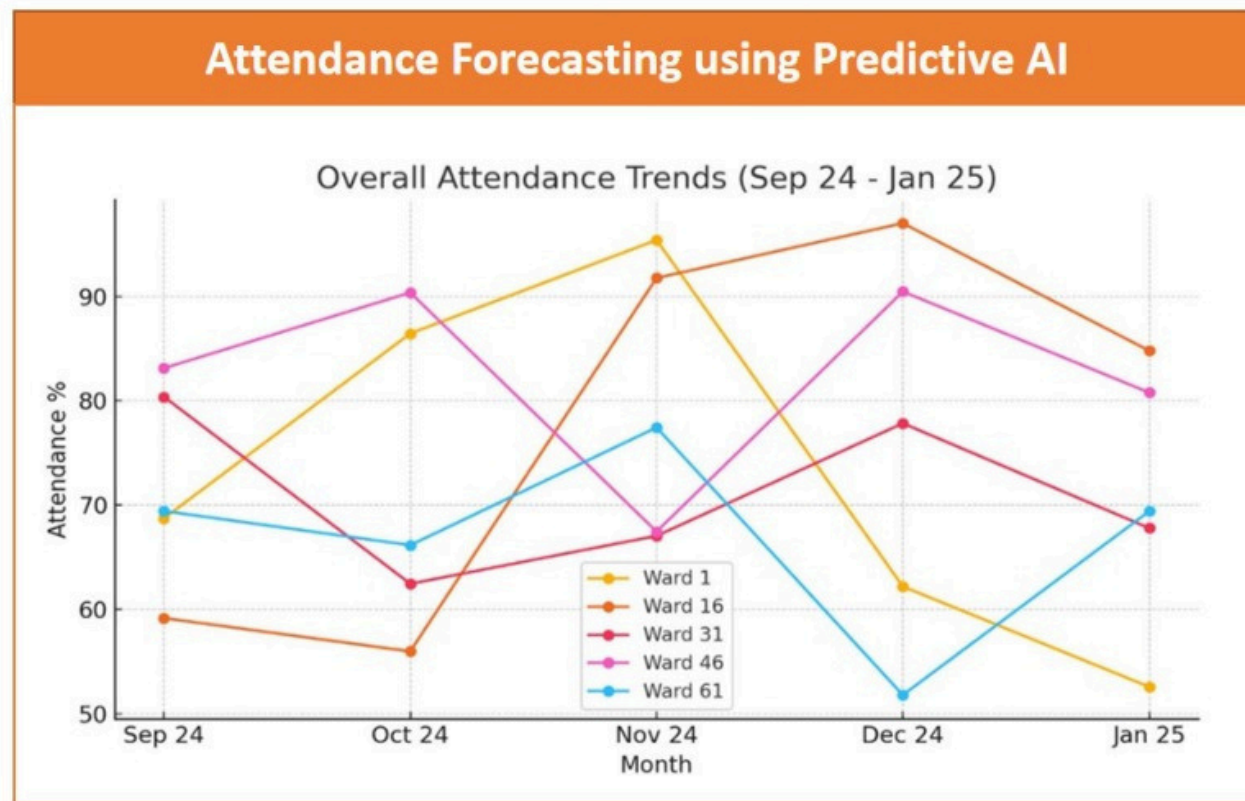
(Relevant Screenshots)

e- PARIWARTAN

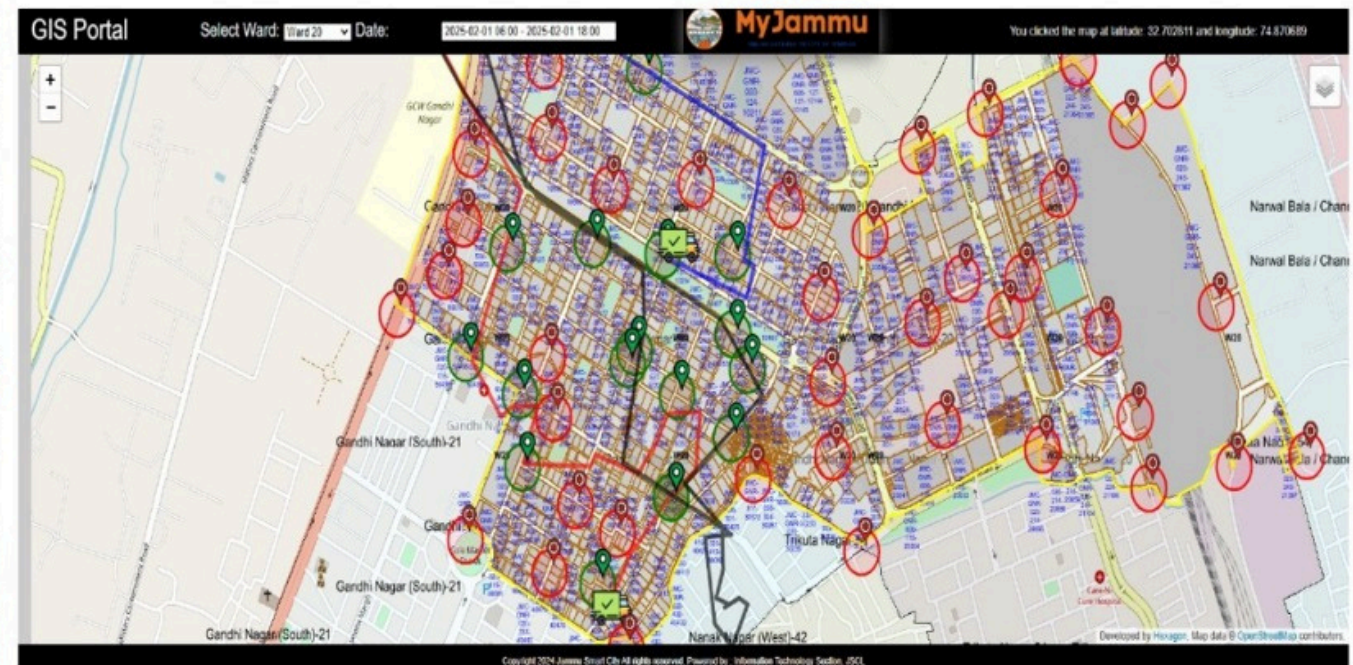
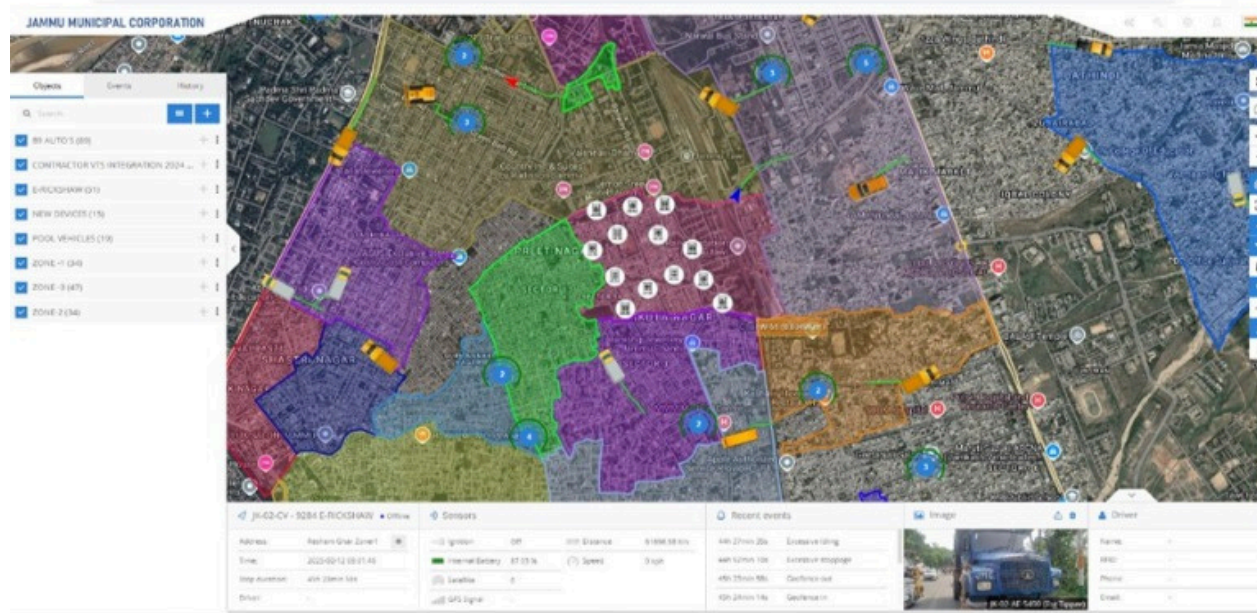


The screenshot displays the e-PARIWARTAN website interface. At the top, a blue navigation bar contains the 'e-PARIWARTAN' logo, social media icons for Facebook, Twitter, Instagram, YouTube, and a play button, and utility links for 'A- A A+', 'Select Language', 'Sitemap', 'Helpdesk', 'Login', and a search icon. Below this is a light green banner for the 'HOUSING AND URBAN DEVELOPMENT DEPARTMENT' of the 'GOVERNMENT OF JAMMU & KASHMIR'. It includes the state emblem and the motto 'सत्यमेव जयते'. A toll-free number '1800-180-7207' and operating hours '10:00 AM - 05:00 PM on working days' are listed, along with a menu for 'Home About Media Contact'. The main content area features a large photograph of a modern, multi-story building with a grey facade and a prominent white decorative screen with a repeating geometric pattern. Below the image, the text 'Official Services (G2G)' is centered.

GIS/ AI based Public Works Management System (PWMS) & FRS



Integrated SWM & Fleet Monitoring System using VTMS based on GIS/ DDN



Facial Recognition System (FRS) & e-HRMS

JMC HRMS 09/02/2025

- Home
- Change Password
- Refresh Profile
- Alert
- Reminder
- De-Register
- Log Out

Choose Your Theme

Version Number: v20240404
 Division Code: JMC
 Year Code: 2025
 Token Number: 747767
 Release Date: 31/08/2024

JAMMU MUNICIPAL CORPORATION 09/02/2025

ANKUSH KAPOOR [STJPLN00060001]

My Attendance
 Face Recognition is In-Progress

JAMMU MUNICIPAL CORPORATION 09/02/2025

ANKUSH KAPOOR [STJPLN00060001]

Individual Attendance

Please Press Mark Attendance Button to Mark your Presence.

You have 13 Seconds to Mark Attendance


Your Current Location
 Latitude: 32.7271055
 Longitude: 74.8602643

Mark Attendance

Click only if required

Refresh Location **Get Address**

Paperless General Council Management System (PCMS)



JAMMU MUNICIPAL CORPORATION

Meeting Admin
Informatics Officer - Information Technology
Logout

General Council

- General Council Management
 - Create Notice
 - Notice List
 - Agenda Items
 - Admit Q&R
 - Submit Reply
 - MOM
 - ATR (Action Taken Report)
 - Attendance
 - Information
 - Standing Committee Master
 - Communication

Dashboard

Filters

General House	Executive Meeting	Finance Planning	Public Health and Sanitization	Commissioner Meeting
Upcoming : 5 Completed : 4 No of Members : 7	Upcoming : 4 Completed : 1 No of Members : 5	Upcoming : 1 Completed : 1 No of Members : 5	Upcoming : 9 Completed : 1 No of Members : 5	Upcoming : 2 Completed : 0 No of Members : 5
Swachh Bharat	Skill Upgradation and Self Employment	Special Session	Social Justice	Other Meeting
Upcoming : 16 Completed : 5 No of Members : 5	Upcoming : 4 Completed : 1 No of Members : 5	Upcoming : 3 Completed : 0 No of Members : 5	Upcoming : 9 Completed : 0 No of Members : 5	Upcoming : 4 Completed : 0 No of Members : 3

No of Members

Upcoming

Completed

Online Building Permission System and CLU Application Portal

The screenshot displays the homepage of the Housing And Urban Development Department's online portal. At the top, there is a red navigation bar with accessibility options (A+, A-, A), a language selection dropdown, and a Telegram bot link for JK HUDD OBPS. The main header features the department's logo and name in both English and Hindi. Below the header, a 'What's New' section highlights 'All ULBs of Jammu and Kashmir Zone.' The central area contains four prominent blue buttons for user actions: 'Citizen Existing Login', 'Citizen New Registration', 'Official Login (OBPS)', and 'Official Login (CLU)'. The background of the main content area shows hands holding a document with house icons. The footer is a blue bar with various utility links such as 'About', 'Contact', 'Helpdesk', 'Application Status', 'FAQs', 'User Manual', 'Service Delivery Charter', 'Document Checklist', 'Inspection Procedure', 'Fee Schedule', 'Fee Paid and Approval Details', and 'Unified Building Bye-Laws'. A chat icon and a settings gear are also present in the bottom right corner.

40 Nos. of End-to-End Digitized Citizen Services

Form No. :- 5



Birth Certificate No. :- JK-ULB-BC/2025/08644

UNION TERRITORY OF JAMMU AND KASHMIR
OFFICE OF THE REGISTRAR BIRTHS AND DEATHS
JAMMU MUNICIPAL CORPORATION
BIRTH CERTIFICATE

Issued under section 12/17 of the Registration of Births and Deaths Act, 1969 and Rules 8/13 of Jammu & Kashmir Registration of Births and Deaths Rules, 2022.
 This is to certify that the following information has been taken from the original record of birth which is the register for

JAMMU MUNICIPAL CORPORATION
 of Tehsil : JAMMU
 of District : JAMMU
 of Union Territory : JAMMU AND KASHMIR


Name of Child	:	██████████	Gender	:	FEMALE
Date of Birth	:	05/10/1983	Date of Issue	:	22/01/2025
Date of Birth (In Words)	:	FIVE OCTOBER ONE THOUSAND NINE HUNDRED EIGHTY THREE			
Father's Name	:	██████████			
Mother's Name	:	██████████			
Place of Birth	:	██████████			
Address of Parents (at the Time of Child Birth)	:	██████████			
Permanent Address of Parents	:	██████████			
Registration No.	:	242	Registration Date	:	07/01/1984
Court Order / Affidavit No.	:		Court Order / Affidavit Date	:	



Digitally signed by VINOD SHARMA
 Date: 22-01-2025 11:40:07 AM
Registrar
 Birth & Death
 JAMMU MUNICIPAL CORPORATION


"Ensure Registration of every Birth and Death"
 This document is digitally signed and hence no physical signature is required.

Reference No: JK-ULB-BC/2025/08644 To View: <https://jansugam.jk.gov.in/UI/78b/1A5357C6> Token No: 1A5357C6




UNION TERRITORY OF JAMMU AND KASHMIR
JAMMU MUNICIPAL CORPORATION
PROVISIONAL DAIRY RENEWAL CERTIFICATE

No. : JK-ULB-DF/2024/00056 Renewal Date : 20/12/2024
 Valid Upto : 19/12/2025 in Jammu Municipal Corporation Limits only

1. Name of Applicant	:	██████████	
2. Address of Applicant	:	██████████	
3. Name of Proposed Dairy Unit	:	GURDIAL MILK DAIRY	
4. Address of Proposed Dairy Unit	:	██████████	
6. Total No. of Dairy Animals	:	13	

VALIDATION AND RENEWAL

Period of Validity	Renewal Fee Paid
1 Years	800



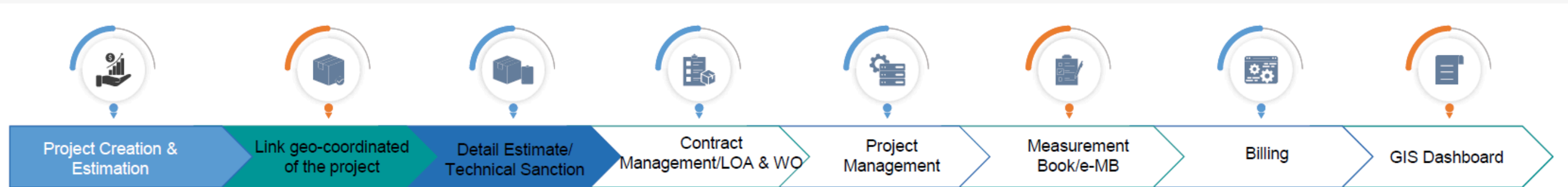
Digitally signed by JASWANT SINGH
 Date: 19-12-2024 22:13:54 PM
Signature of Registering Authority
 JAMMU MUNICIPAL CORPORATION

Terms & Conditions :
 i. This registration is Provisional & subject to the fulfillment of conditions as per the latest guidelines issued by CPCB and other set norms & criteria.
 ii. Jammu Municipal Corporation reserves the rights to cancel this registration as and when required.
 iii. Jammu Municipal Corporation shall initiate legal action against the dairy owners for violating the set norms & conditions.
 iv. The provisionally registered dairy unit must obtain consent to operate from the concerned JKPC division.

This document is digitally signed and hence no physical signature is required

Reference No: JK-ULB-DF/2024/00056 To View: <https://jansugam.jk.gov.in/Unz7b/284F1107> Token No: 284F1107

GIS/AI based Project Creation and Automated Estimates Using Digitized J&K PWD SOR 2022



- Estimate**

 - Create the detailed estimate with SOR for the project
- Save the plot**

 - Edit and Save the GIS plot as per TS process
- Approve**

 - Update the plot and and proses for approvals

STEP 3

Detailed Estimate Technical sanction process


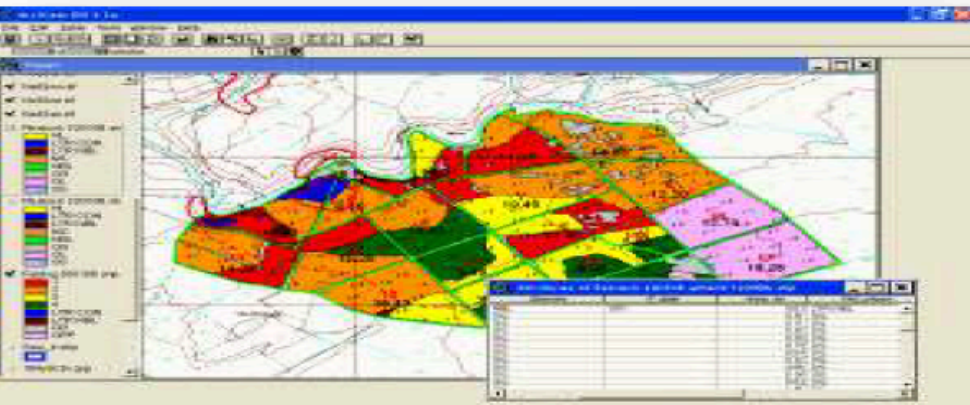
Project Name : Construction of 1000 Cum capacity R.C.C. ESRT195

Generate Item No. Long Description Short Description Add Reorder

Note : Please save the items after adding new items. Before finalizing the estimate please Generate Item No.

List of Estimate Items

Sr.No.	Item Number	Code	Item Description	Quantity	Unit Rate	Unit	Total
Chapter 10 CONCRETE							
1	1.1	10-1	Mud concrete with brick ballast 40mm gauge	214.01000	1,598.40	Cum	3,63,498.33
2	1.2	10-2	Mud concrete with stone ballast 40mm gauge	54.01000	1,135.48	Cum	61,316.27
3	1.3	10-3	Lime concrete 1:2:4 (0.13 cum lime 0.24 cum surkhi one cum brick ballast 40mm gauge)	51.01000	1,515.45	Cum	88,407.95
4	1.4	10-4	Lime concrete 1:2:4 (0.13 cum lime 0.24 cum surkhi one cum brick ballast 20mm gauge)	21.01000	1,731.73	Cum	36,366.33
5	1.5	10-5	Lime concrete 1:2:4 (0.16 cum lime 0.24 cum surkhi one cum brick ballast 20mm gauge)	54.01000	1,840.05	Cum	99,362.70
Chapter 10 CONCRETE							
6	1.1	10-1	Mud concrete with brick ballast 40mm gauge	214.01000	1,598.40	Cum	3,63,498.33
7	1.2	10-2	Mud concrete with stone ballast 40mm gauge	54.01000	1,135.48	Cum	61,316.27
8	1.3	10-3	Lime concrete 1:2:4 (0.13 cum lime 0.24 cum surkhi one cum brick ballast 40mm gauge)	51.01000	1,515.45	Cum	88,407.95
9	1.4	10-4	Lime concrete 1:2:4 (0.13 cum lime 0.24 cum surkhi one cum brick ballast 20mm gauge)	21.01000	1,731.73	Cum	36,366.33
10	1.5	10-5	Lime concrete 1:2:4 (0.16 cum lime 0.24 cum surkhi one cum brick ballast 20mm gauge)	54.01000	1,840.05	Cum	99,362.70

GIS and DDN based Public Grievance Redressal System

Ward Wise

Select Ward

--Select Ward--

From Date

01-04-2022

To Date

01-12-2024

Search

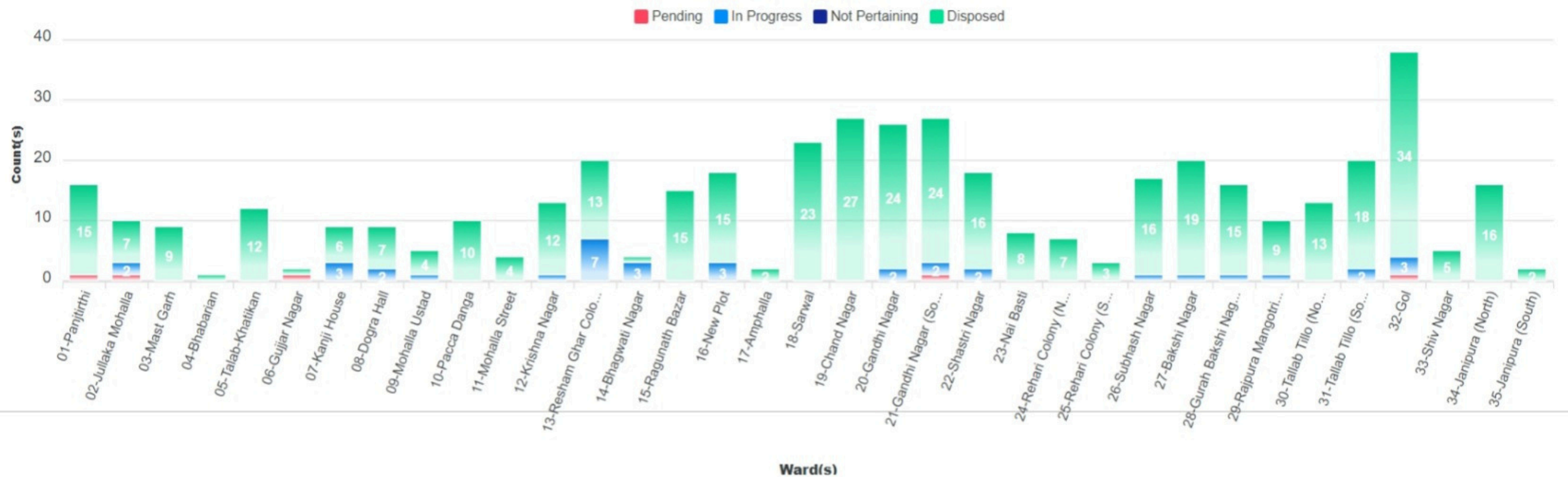
Reset

Back to Dashboard

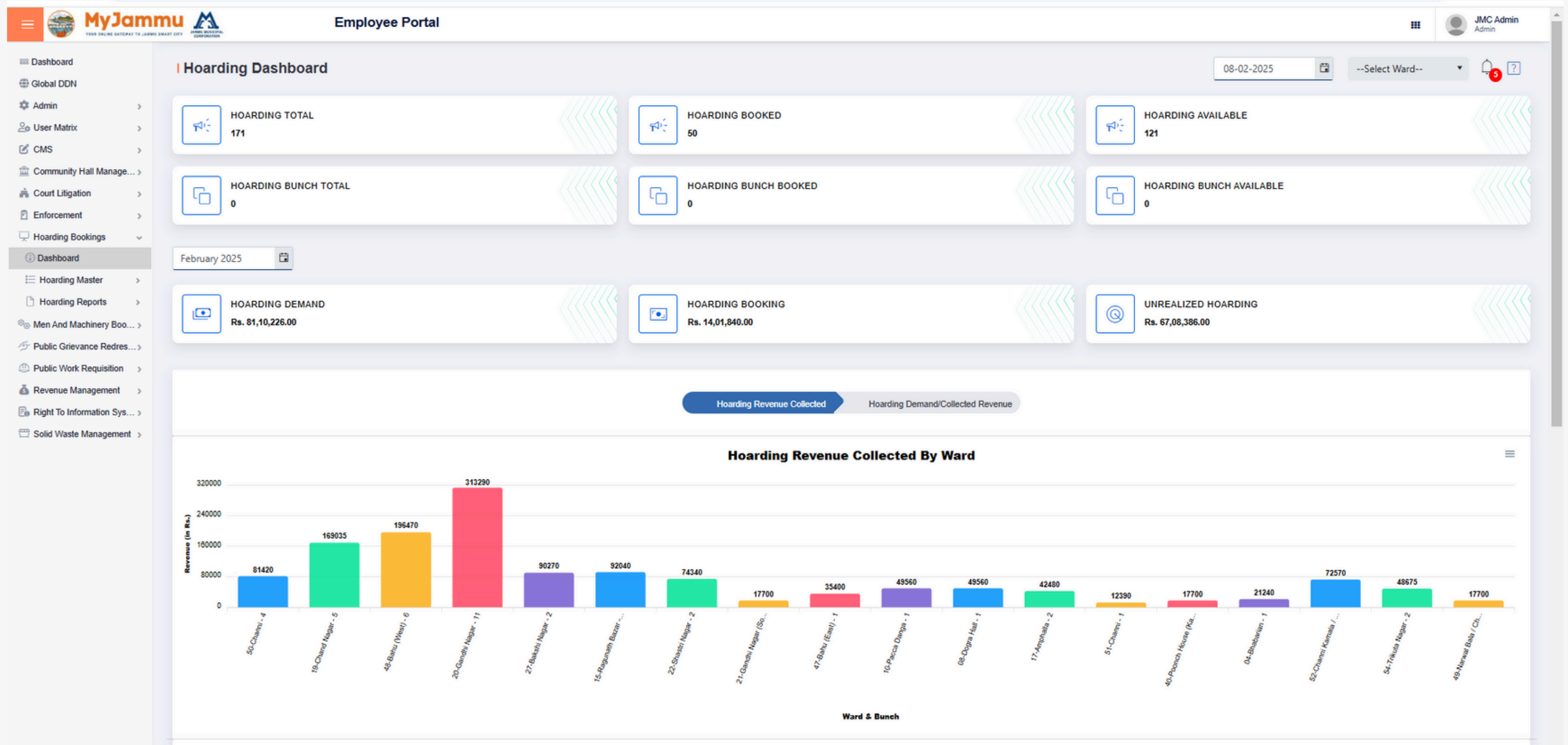
* To view more details click on bars on the chart

Total Items: 455

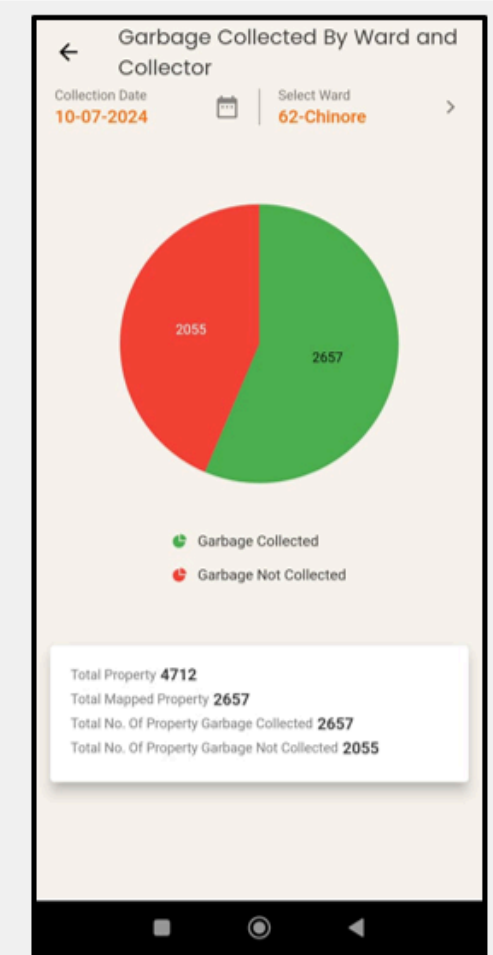
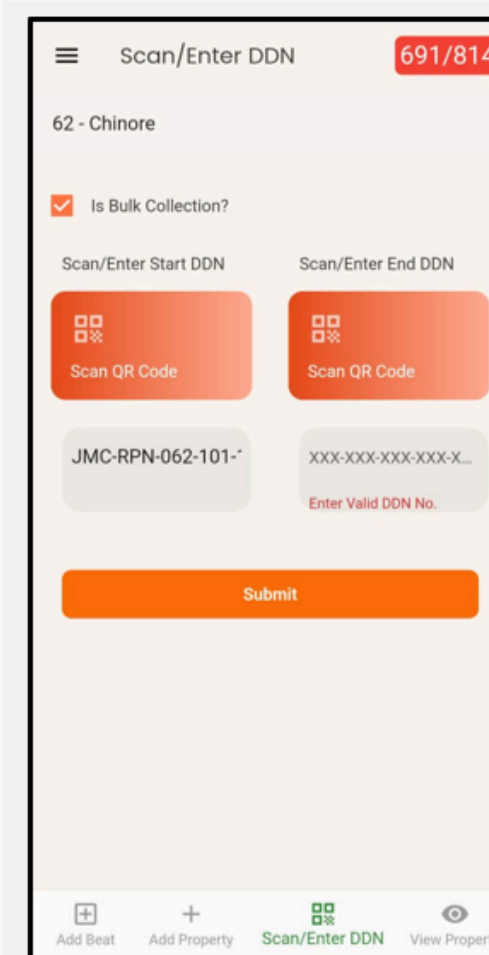
Ward Wise



Hoarding Management System (HMS)



DDN & QR Code Scanning based D2D Garbage Collection Tracking



Online Digital Certificate for Door to Door Garbage Collection and Payment of User Charges





AI/GIS based Facial Recognition Mobile Attendance App for Sanitation Staff and other Field Functionaries with integrated ERP based e-HRMS

Proxy & Duplicate Attendance Detection using AI

In the below mentioned sample cases, AI technique detects that the same employee's are marking attendance through mobile App from different employee Id's and generate alerts.

CASE-1



7780900952.jpg



STJUDD00010326.jpg

CASE-2



856631674705.jpg



7006257583.jpg



MBL01860.jpg

CASE-3



8899259877.jpg



9541509252.jpg

CASE-4



8493820147.jpg

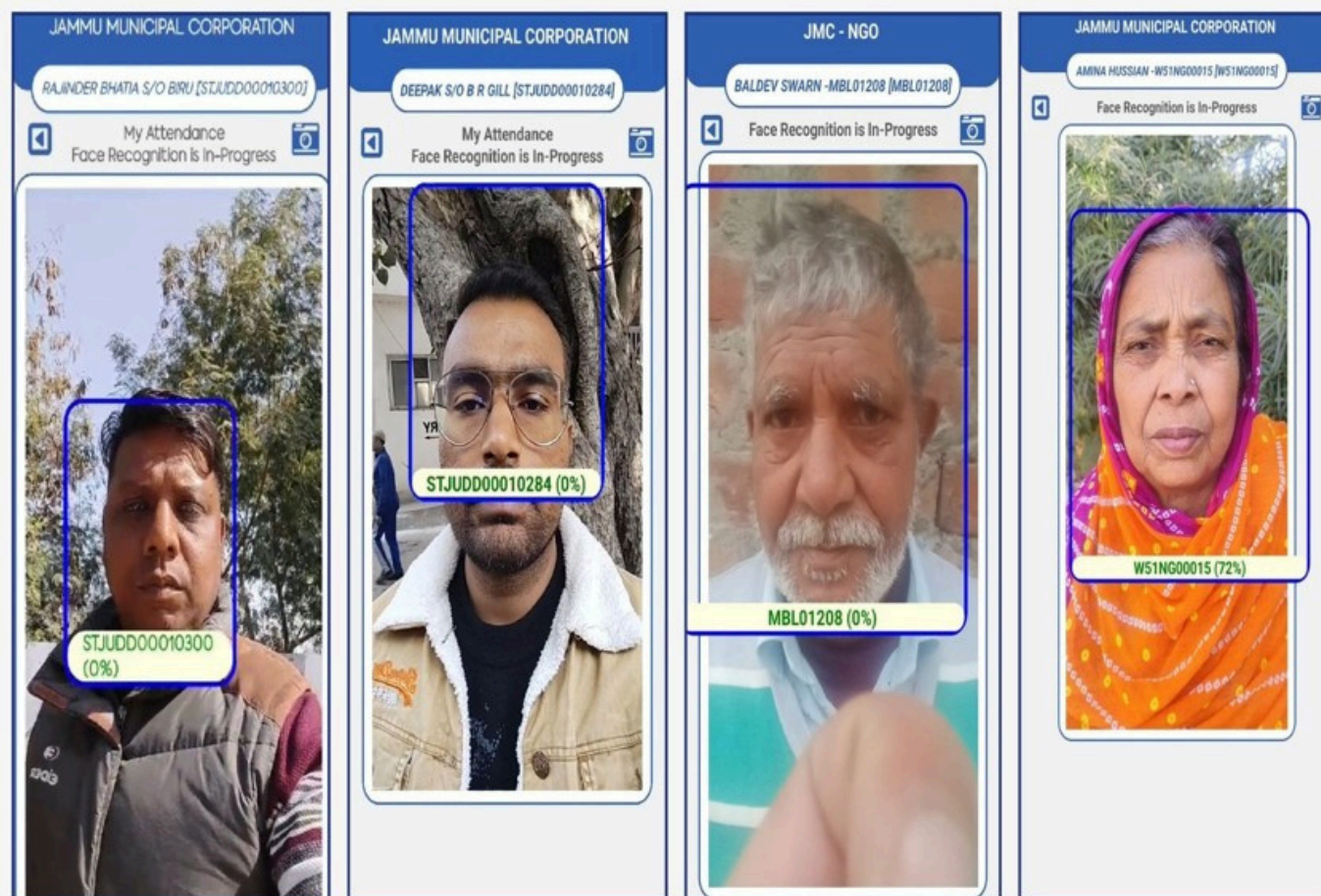


STJUDD00010686.jpg

AI/GIS and Facial Recognition Based Attendance Mobile App

AI/GIS based Facial Recognition Mobile Attendance App for Sanitation Staff and other Field Functionaries with integrated ERP based e-HRMS

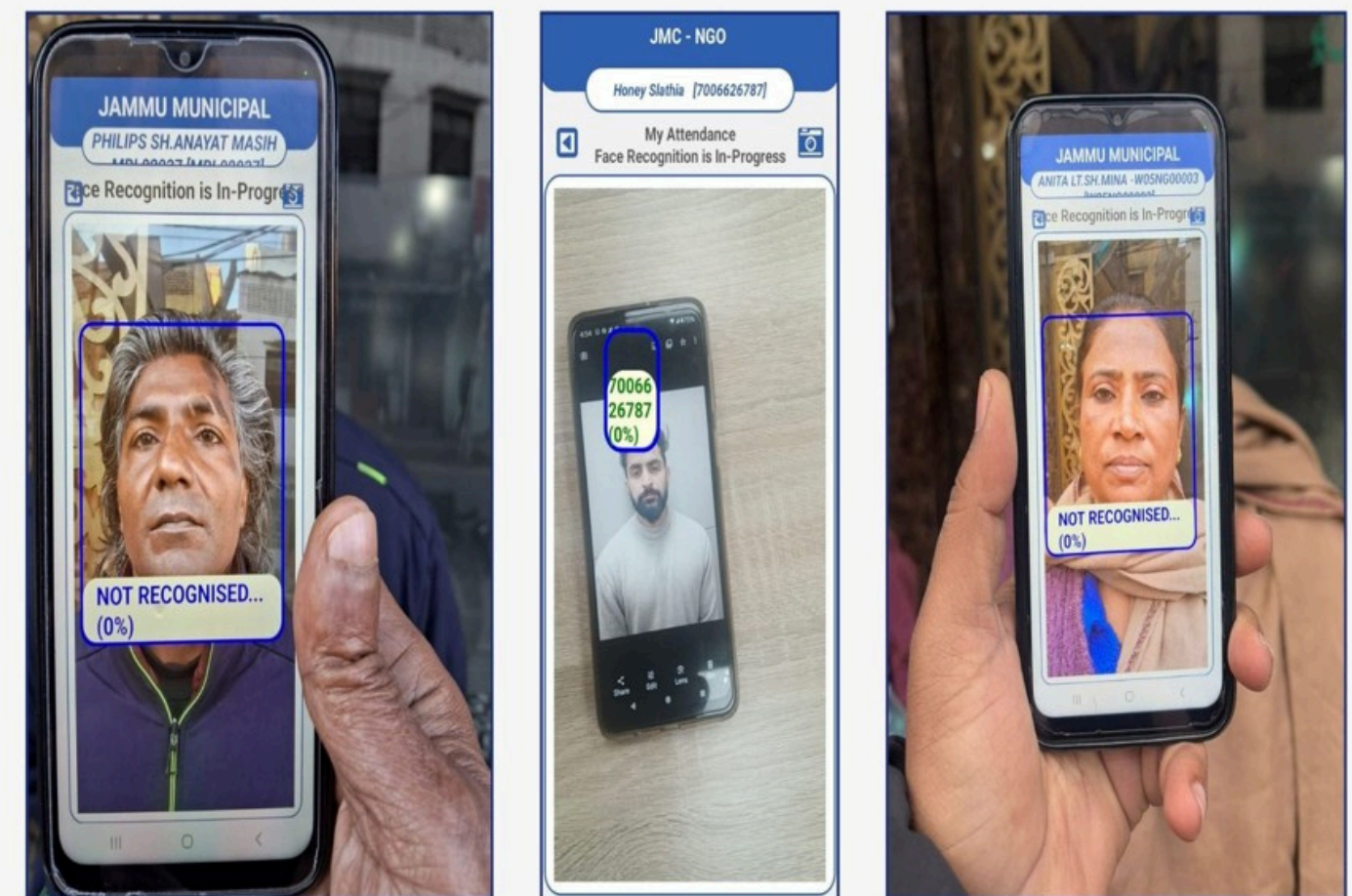
Real-Time Facial Recognition based attendance of Sanitation Staff & Outsourced Staff



AI/GIS based Facial Recognition Mobile Attendance App for Sanitation Staff and other Field Functionaries with integrated ERP based e-HRMS

Real-Time Liveness Detection & Thermal Face Detection

Sample cases where employees tried to mark attendance through either photograph or already stored images in their mobile phones but system denies attendance because of No Liveness or Thermal Face Detection.



D2D Garbage Collection Vehicle Tracking using geo-fenced AOI/POI

JAMMU MUNICIPAL CORPORATION

Vehicle	Device	GPS Points
Jk 2021 t/r	7992/jk02cw5435	64
A w-20		
JK02DC5005 w-20	73	
JK02CH6057 W-20	48	

GIS Portal Select Ward: Ward 27 Date: 2025-02-03 06:00 - 2025-02-03 19:00

MyJammu You clicked the map at latitude: 32.70766 and longitude: 74.874616

Vehicle	Device	GPS Points
Jk 2021 t/r	7992/jk02cw5435	64
A w-20		
JK02DC5005 w-20	73	
JK02CH6057 W-20	48	

GIS Portal Select Ward: Ward 27 Date: 2025-02-03 06:00 - 2025-02-03 19:00

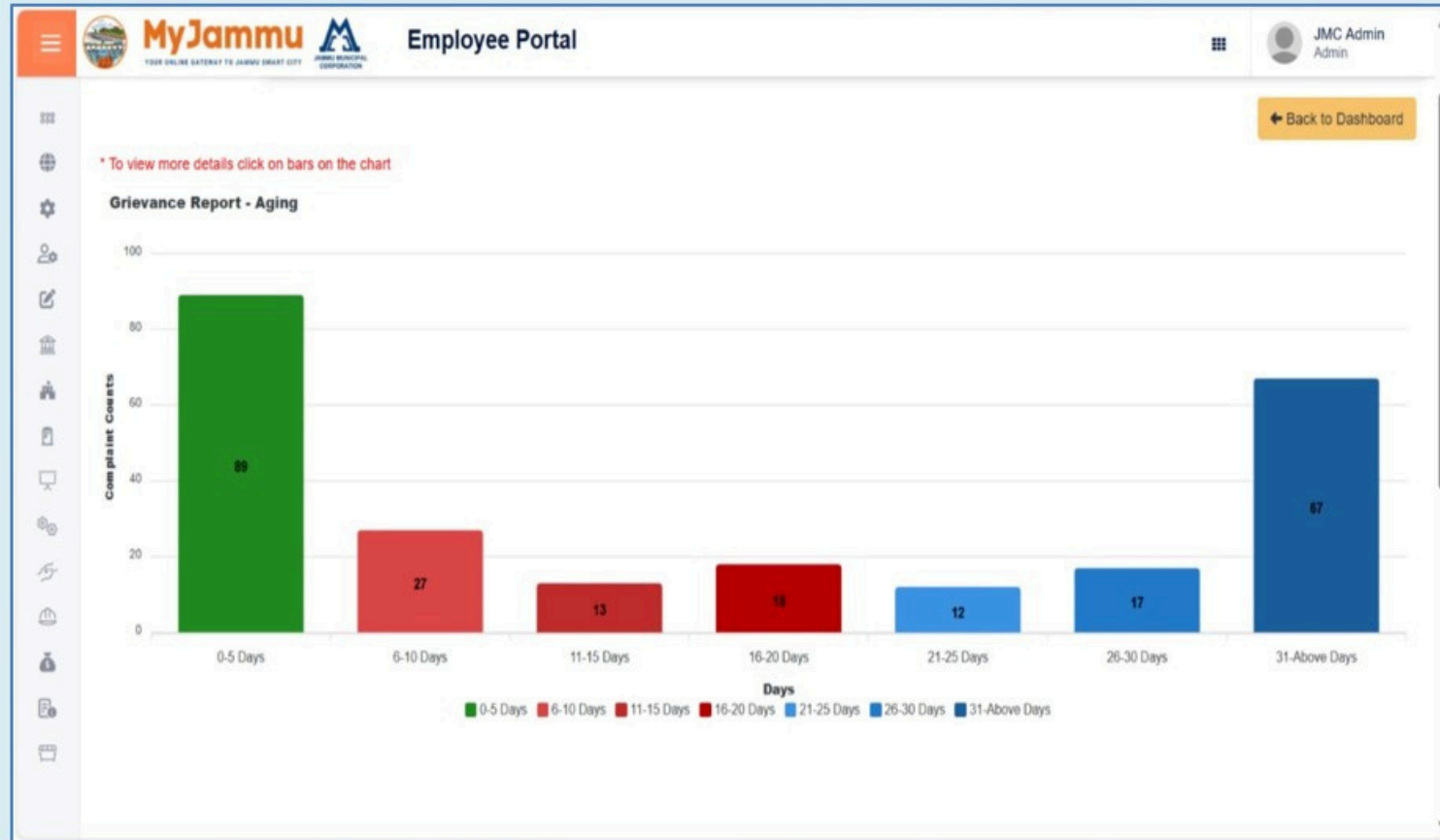
MyJammu You clicked the map at latitude: 32.738068 and longitude: 74.862342

Vehicle	Device	GPS Points
JK21a3457 w27	81	
jk02dd-3336 W-27	0	
JK02BD-2615 W-27	19	

JAMMU MUNICIPAL CORPORATION

Vehicle	Device	GPS Points
Jk 2021 t/r	7992/jk02cw5435	64
A w-20		
JK02DC5005 w-20	73	
JK02CH6057 W-20	48	

Data Driven Grievance Reports



Ward-wise Grievance Report

Ward Name	Total	Pending	In Progress
69-Sainik Colony	31	12	0
42-Nanak Nagar	31	14	0
55-Deeli	81	28	1
70-Sainik Colony-II (Sec. D, E & F)	51	15	2
74-Chowadhi	79	31	3
53-Vasant Vihar Trikuta Nagar	44	17	1
11-Mohalla Street	14	9	0
15-Ragunath Bazar	26	8	0
60-Post Office Palouta	72	32	0
63-Bantalab	77	43	1
64-Durga Nagar	92	26	2

Map showing ward boundaries and grievance distribution across the city.

Complaints Report

TOTAL 4006 **PENDING 294** **IN PROGRESS 211** **DISPOSED 3468** **RE-OPENED 32** **NOT PERTAINING 1**

Select Ward: --All-- Select Department: --All-- Select Grievance Type: --All-- Select Grievance Mode: --All-- Select Status: --All--

From Date: 24-01-2025 To Date: 24-02-2025 Complaint No.: Complaint Details: Re-opened Complaints

Export to Excel

Select	Complaint No.	Complaint Date	Ward No.	Department	Grievance Type	Name	Applicant Id	Complaint Status	Level 1 Officer Name	Pending Wit...	Show desktop
--------	---------------	----------------	----------	------------	----------------	------	--------------	------------------	----------------------	----------------	--------------

GIS based Solid Waste Collection Reports

MyJammu Employee Portal | JMC Admin Admin

Garbage Collection GIS Mapping

Ward: 62-Chinore | Select Auto No.: JK02CN4996 | Select Date: 02-12-2024

Search for garbage collection point and auto route for selected date

* Markers on map show the garbage collection point and route followed by vehicle

Export to Excel | Export to PDF

DDN	Collector Name	Mobile No	Beat Name	Collection Date Time
JMC-RPN-062-301-30093	Bachan Lal		URN 4, 3A	02-12-2024 8:21 AM
JMC-RPN-062-323-30177	Bachan Lal	9419141325	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-323-30178	Bachan Lal	9858516064	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-323-30179	Bachan Lal	9419152036	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-323-30180	Bachan Lal	7006694342	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-323-30181	Bachan Lal	9622130585	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-323-30164	Bachan Lal	9419192610	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-322-30176	Bachan Lal	9419137247	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-301-30175	Bachan Lal	9797563274	URN 4, 3A	02-12-2024 8:38 AM
JMC-RPN-062-312-30069	Bachan Lal	7780950177	URN 4, 3A	02-12-2024 8:38 AM

1 - 20 of 354 items

MyJammu Employee Portal | JMC Admin Admin

Garbage Collection GIS Mapping

Ward: 62-Chinore | Select Auto No.: JK02CN4996 | Select Date: 01-12-2024

Search for garbage collection point and auto route for selected date

* Markers on map show the garbage collection point and route followed by vehicle

Collection Reports

Transfer Stations... | Report to PDF

WTP Reports

SBM Reports

Attendance Report

Vehicle Reports

GIS Reports

Sanitation Dashb...

Collection Point ...

Garbage Collecti...

GIS Auto Wise

GIS Ward Wise

Vehicle Route Tr...

Vehicle Device I...

Compare Device...

DDN	Collector Name	Mobile No	Beat Name	Collection Date Time
JMC-RPN-062-218-20269				
JMC-RPN-062-229-20389				
JMC-RPN-062-227-20387				
JMC-RPN-062-223-20341				
JMC-RPN-062-229-20393	Bachan Lal	7006043388	URN 3 A	01-12-2024 8:52 AM
JMC-RPN-062-229-20399	Bachan Lal	6006236006	URN 3 A	01-12-2024 8:52 AM

1 - 20 of 353 items

GIS based Solid Waste Collection Reports

MyJammu Employee Portal

GIS Auto Wise

*Select Date: 01-12-2024

*Select Auto: JK02CN4996

Show Pins

Search

Total Properties: 806 Garbage Collected Properties: 353 Garbage Not Collected Properties: 453

DDN	Owner Name	Mobile No.	Beat Name	Collected/Not Collected
JMC-RPN-062-102-10007	JDA Market Complex	7780922660	URN 1A	No
JMC-RPN-062-102-10008	JDA Market Complex	9419193533	URN 1A	No
JMC-RPN-062-102-10009	JDA Market Complex	9596658292	URN 1A	No
JMC-RPN-062-102-10010	JDA Market Complex		URN 1A	No
JMC-RPN-062-102-10011	JDA Market Complex	9419089366	URN 1A	No
JMC-RPN-062-102-10012	JDA Market Complex	9419182498	URN 1A	No
JMC-RPN-062-102-10022	Central Government Pumping Station		URN 1A	No
JMC-RPN-062-102-10024			URN 2 D	No
JMC-RPN-062-102-10026	Vinod Kapoor	9419361995	URN 2 D	No
JMC-RPN-062-104-10029	Yograj	9419192467	URN 2 D	No

Ward Wise Report Depicting Collection Status on a GIS MAP. Green Depicting Garbage Collected while Red depicting Not Collected.

Data Augmented Solid Waste Management Reports

MyJammu
YOUR ONLINE GATEWAY TO JAMMU SMART CITY

Employee Portal

JMC Admin
Admin

Solid Waste Management Dashboard 04-02-2025

Door To Door Collection Status In Nos.

Mapped Properties	Collected DDNs	Not Collected DDNs
169531	58043 (34.24%)	111488 (65.76%)

Door To Door Garbage Collected In Nos. (Res/Comm/BWG)

Residential	Commercial	BWG
42448	15595	0

Door To Door Dry/Wet Waste Collection In Kgs.

Total Waste	Dry	Wet
18000	18000	0

Refuse Compactor Collection In Nos.

Total Refuse Compactor	Collected	Not Collected
47	0	47

Refuse Compactor Dry/Wet Waste Collection In Kgs.

Total Waste	Dry	Wet
0	0	0

Total Dry/Wet Waste Collection In Kgs.

Total Waste	Dry	Wet
18000	18000	0

Garbage Vulnerable Points In Nos. (GVP)

Total GVP	Collected	Not Collected
0	0	0

GVP Dry/Wet Waste Collection In Kgs.

Total Waste	Dry	Wet
0	0	0

Residential/Commercial/BWG Waste In Nos. | **Collected/Not Collected Waste In Nos.** | **Dry/Wet Waste In Kgs** | **Waste Collection Data in Percentage**

February 2025

Garbage Collected Dry/Wet In Kgs. For This Month

Auto late attendance ward wise

Vehicle Exception Alert

Vehicle: JK-02-AP-4216	Speed: 45 Km/hr	01:58 PM
Vehicle: JK-02-AQ-5876	Speed: 45 Km/hr	01:24 PM
Vehicle: JK-02-AP-2509	Speed: 43 Km/hr	01:03 PM
Vehicle: JK-02-AP-1016	Speed: 44 Km/hr	12:59 PM
Vehicle: JK-02-AQ-5882	Speed: 46 Km/hr	12:57 PM
Vehicle: JK-02-AQ-5892	Speed: 41 Km/hr	12:48 PM
Vehicle: JK-02-AP-2501	Speed: 42 Km/hr	12:18 PM
Vehicle: JK-02-AQ-5874	Speed: 42 Km/hr	09:25 AM
Vehicle: JK-02-BA-7961	Speed: 45 Km/hr	08:18 AM
Vehicle: JK-02-CH-1586	Speed: 54 Km/hr	08:15 AM
Vehicle: JK-02-AP-2501	Average Speed Exceed: 36 Km/hr	03:02 AM
Vehicle: JK-02-AP-4216	Average Speed Exceed: 24 Km/hr	03:04 AM
Vehicle: JK-02-AQ-5876	Average Speed Exceed: 21 Km/hr	03:03 AM
Vehicle: JK-02-AP-1016	Average Speed Exceed: 33 Km/hr	03:03 AM
Vehicle: JK-02-AQ-5882	Average Speed Exceed: 24 Km/hr	03:02 AM
Vehicle: JK-02-AP-2509	Average Speed Exceed: 27 Km/hr	03:03 AM
Vehicle: JK-02-AQ-5892	Average Speed Exceed: 26 Km/hr	03:03 AM
Vehicle: JK-02-AW-2401	Average Speed Exceed: 21 Km/hr	03:03 AM
Vehicle: JK-02-AQ-5884	Average Speed Exceed: 29 Km/hr	03:03 AM
Vehicle: JK-02-AQ-4819	Average Speed Exceed: 30 Km/hr	03:04 AM



Housing and Urban Development Department
Government of Jammu and Kashmir

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