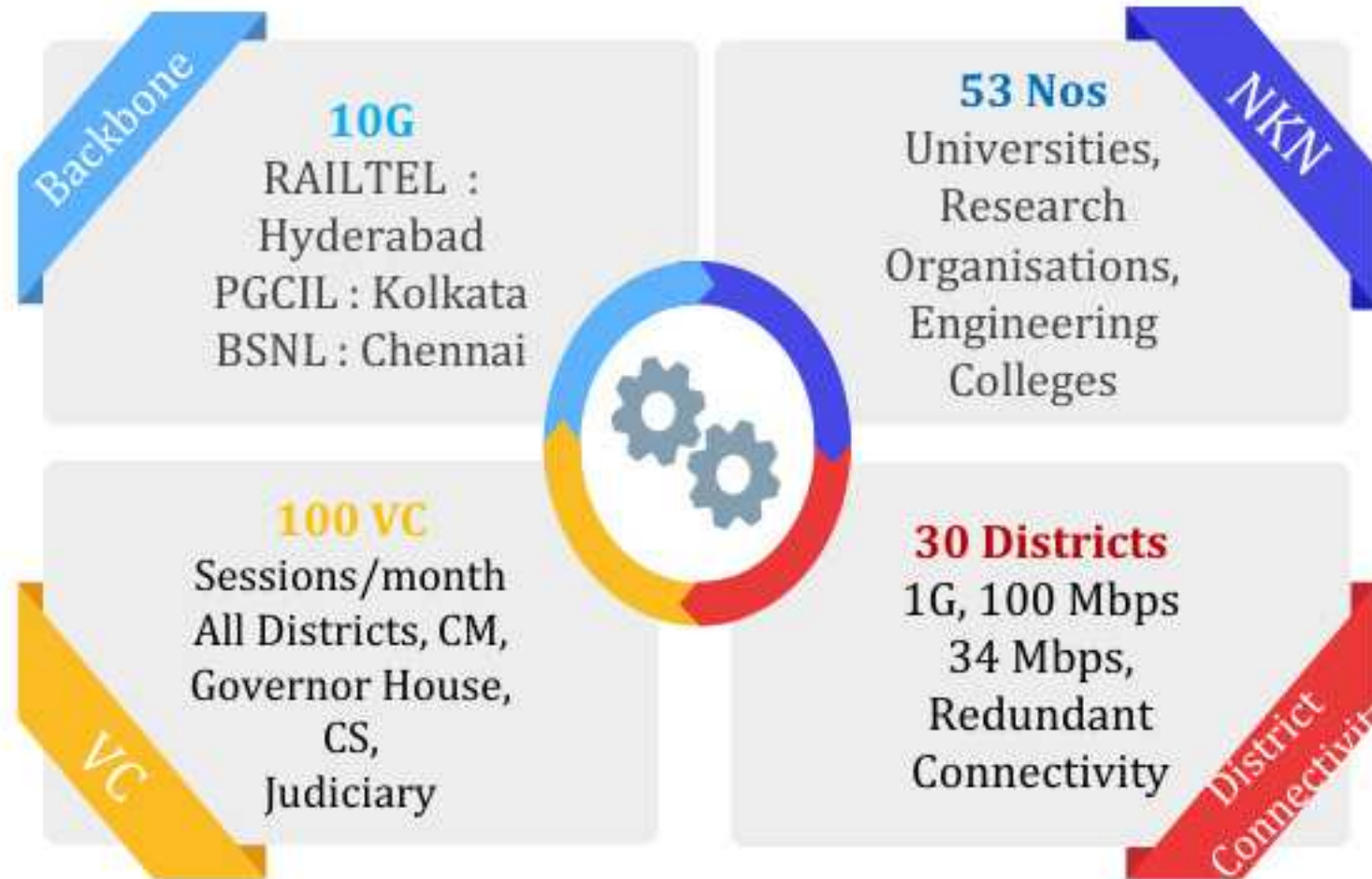


PROJECTS PROFILE 2026

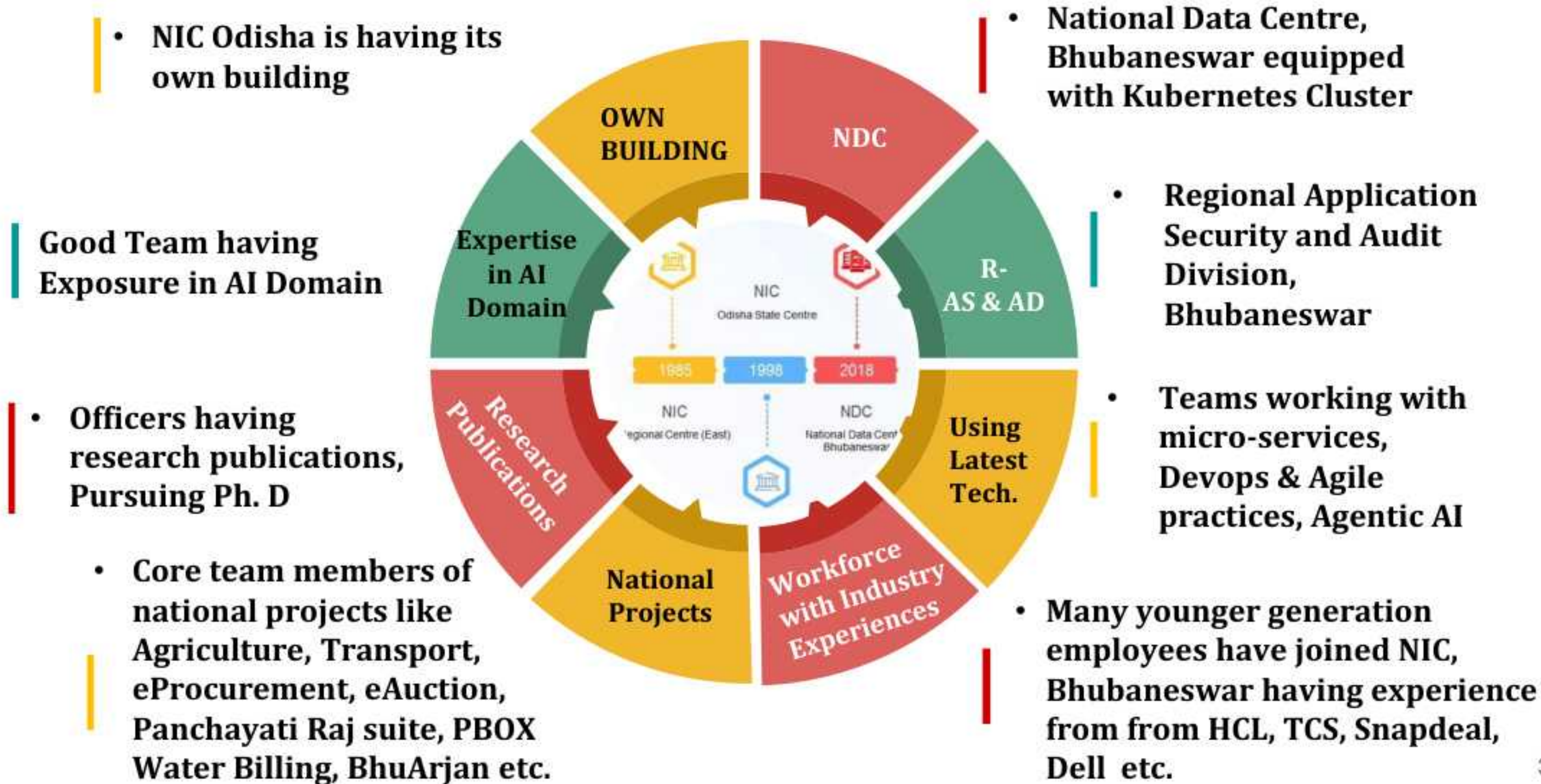


NATIONAL INFORMATICS CENTRE
ODISHA STATE CENTRE
BHUBANESWAR





- 30 Districts Centres
- Governor House
- CM Office
- Board of Revenue, Cuttack
- State Transport Authority, Cuttack
- Orissa High Court, Cuttack
- Odisha Legislative Assembly
- Finance Department
- IT Centre, Secretariat / SDC
- Odisha Sub-ordinate Staff Selection





Network connection at District Level

Sl.	District Name	Service Provider 1	Bandwidth	Service Provider 2	Bandwidth
1	Angul	PGCIL	1000 Mbps	RAILTEL	1000 Mbps
2	BALANGIR	PGCIL	1000 MBPS	RAILTEL	34 MBPS (To be upgraded to 1G)
3	Balasore	Railtel	1000 Mbps	BSNL	1000 Mbps
4	BARGARH	BSNL	100 MBPS	RAILTEL	100 Mbps
5	Bhadrak	RAILTEL	100 MBPS	BSNL	100 MBPS
6	Boudh	BSNL	34 MBPS	RAILTEL	1000 Mbps
7	Cuttack	RAILTEL	1000 Mbps	BSNL	1000 Mbps
8	Deogarh	BSNL	100 MBPS	BSNL	To be commissioned
9	Dhenkanal	PGCIL	1000 Mbps	BSNL	1000 Mbps
10	Gajapati	BSNL	100 MBPS	BSNL	To be commissioned
11	Ganjam	BSNL	1000 Mbps	PGCIL	1000 Mbps
12	Jagatsinghpur	PGCIL	1000Mbps	BSNL	1000 Mbps
13	Jaipur	BSNL	100 MBPS	PGCIL	100 Mbps
14	Jharsuguda	PGCIL	1000 Mbps	BSNL	1000 Mbps
15	Kalahandi	PGCIL	1000 Mbps	BSNL	100 Mbps



Network connection at District Level

Sl.	District Name	Service Provider 1	Bandwidth	Service Provider 2	Bandwidth
16	Kandhamal	BSNL	100 Mbps	BSNL	100 Mbps To be commissioned
17	Kendrapara	BSNL	100 MBPS	BSNL	1000 Mbps
18	Keonjhar	BSNL	100 MBPS	RAILTEL	1000 Mbps
19	Khurda	BSNL	100 Mbps	PGCIL	100 Mbps
20	Koraput	PGCIL	1000 Mbps	BSNL	1000 Mbps
21	Malkangiri	BSNL	1000 Mbps	BSNL	1000 Mbps
22	Mayurbhanj	BSNL	1000 Mbps	RAILTEL	1000 Mbps
23	Nabarangpur	BSNL	100 Mbps	BSNL	100 Mbps
24	Nayagarh	PGCIL	1000 Mbps	PGCIL	1000 Mbps
25	Nuapada	BSNL	34 Mbps	RAILTEL	1000 Mbps
26	Puri	Railtel	100 Mbps	PGCIL	100 Mbps
27	Rayagada	Railtel	100 Mbps	BSNL	100MBPS
28	Sambalpur	Railtel	1000 Mbps	BSNL	1000 Mbps To be commissioned
29	Sonepur	PGCIL	100 Mbps	BSNL	100 Mbps
30	Sundargarh	BSNL	1000 Mbps	PGCIL	1000 Mbps

Transport

eDetection (11 States)

- Implemented : Chhattisgarh, Bihar, Gujarat, Delhi(NCR), Himachal Pradesh , Rajasthan, Punjab
- Challan Issued: **30 Lakh +**
201+ Cr Fine imposed

EV Subsidy (5 states)

- Implemented : Odisha, Bihar, Kerala, Delhi, Rajasthan
- Subsidy **400 Cr +**



Agriculture

Seed Authenticity
Traceability Holistic
Inventory (SATHI)
26 States onboarded



Revenue

RCCMS –
National Team is
studying for
productisation.



Water Supply

Water Billing
system
implemented in
Guwahati Jala
Board



Excise

eAbkari

Domain team
from Odisha



Panchayati Raj

Kaushal Panjee



PBOX

Proctoring Based
online
Examination
System.



BhuArjaan

Land Acquisition
System –
Maharashtra in
Pipeline



Established to provide state-of-the-art Security solutions & services for the Information Technology needs of the Government.

States in purview include **Odisha, Jharkhand, Bihar, West Bengal, Chhattisgarh and Andaman & Nicobar Islands.**

Roles & functions

- Working towards achieving the target of auditing the hosted website (s) annually as per NIC's Security Audit Compliance Policy
- Post Deployment compliance testing for identification of real time vulnerabilities
- Provisioning Security Compliance regional support to aligned states
- Securing SSL/TLS Stack:
Targeting for achieving complete web Hosting's through SSL/TLS.
- Knowledge awareness - Training and Capacity building programs in Application Security domain





Microservices – Unleashing Unparalleled Scalability & Agility



**Seed Authentication,
Traceability & Holistic
Inventory (SATHI)**
<https://seedtrace.gov.in>



**Open Government Data
(OGD) Platform**
<https://odisha.data.gov.in>



PBoX - AI Powered Exam Platform
<https://pbox.nic.in/home.html>



AI/ML – Unleashing Innovation and Transforming Governance

Built in-house capacity to work on text, voice, image, video

based intelligent system development



Seed/Mechanisation DBT
Fuzzy Name Match



Seed field Prediction



Transport
Vehicle number detection/
face recognition/liveliness



PBOX Exam System
Proctoring at the edge device



Industrial IoT (IIoT)- A New Era of Smart Public Services

Using connected smart sensors, actuators, and more to connect people, products, and processes to power digital transformation



IWCRCM





NoSQL: from Agility to Scalability

Making applications future-ready, enhancing scalability and reducing latency for optimal performance in "Big Data" World.



Parivahan Services Analytics



e-License of Agri Input



Farmer Producer Organization
Odisha

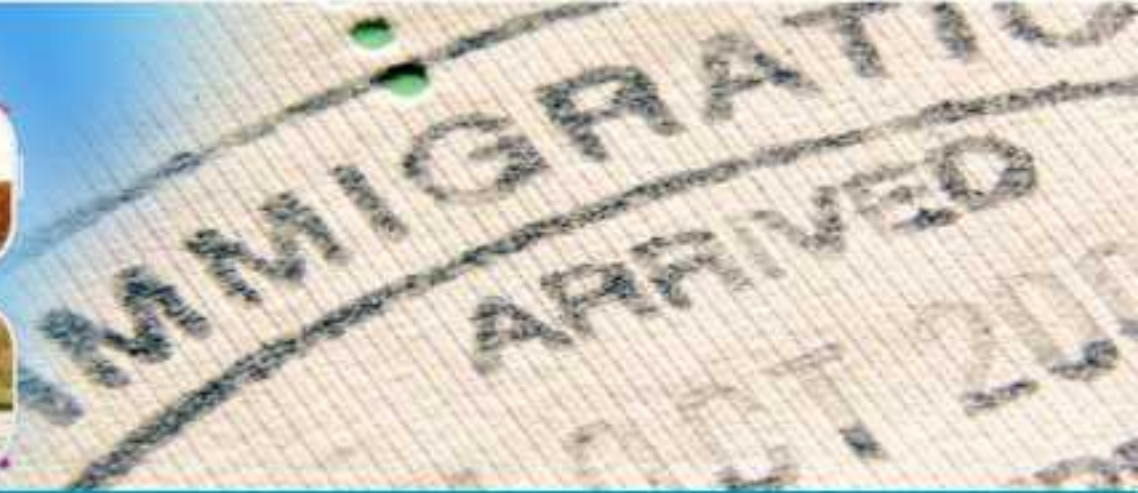


e-Pest Surveillance



SATHI
DIGITAL AUTHENTICATION, TAXATION AND
MISCELLANEOUS

eOffice
A DIGITAL WORKPLACE SOLUTION



Aadhaar integrated Bio-Metric authentication

Empowering identity and securing access for a seamless and trusted Digital India



DBT on Farm Mechanisation
(Iris/ Finger)

<https://odishafarmmachinery.nic.in>



Faceless Transport Services (Face)
<https://parivahan.gov.in>



Aadhaar Enabled Biometric Attendance System
AEBAS (Face / Finger / IRIS)



<https://central.attendance.gov.in>



Immigration, Visa and Foreigners Registration & Tracking (IVFRT) (Face / Finger)



<https://boi.gov.in>

eShram – National database of unorganised workers <https://eshram.gov.in>



Farm Mechanisation Subsidy Disbursement

Aadhaar Data Vault (ADV)- Eliminating Aadhaar footprint in Digital ecosystem

Aadhaar numbers are encrypted using keys specifically created for the purpose in intrusion-resistant FIPS 140-2 Level 3 Certified Hardware Security Module (HSM).



Aadhaar enabled Biometric Attendance System of Students for SCTEVT

<https://sctevtaebass.odisha.gov.in>



DBT Schemes for Farm Implements

<https://odishafarmmachinery.nic.in>



Jeevan Pramaan – Digital Life Certificate for Pensioners.

<https://jeevanpramaan.gov.in>



National Scholarship Portal

<https://scholarships.gov.in/>



Public Financial Management System – PFMS

<https://pfms.nic.in>



OCR (Optical Character Recognition)

Transforming an image into a machine-readable and actionable data and making information more accessible, intelligible.



Water Resources: Industrial Water Consumption Smart Meter reading
<https://industrialwaterod.nic.in>



Transport: Automated Vehicle Number Plate Recognition <https://puc.parivahan.gov.in/puc>



Odisha Legislative Assembly: Proceedings, Reports etc. <https://odishaassembly.nic.in>



Orissa High Court: <https://orissahighcourt.nic.in>
India Code Portal: <https://www.indiacode.nic.in>



Odisha State Archives: Preserving Odia Language Literature
<https://odishaarchives.nic.in>



DigiLocker: An initiative towards Paperless Governance

Secure cloud based platform for storage, sharing and verification of documents & certificates.



Class XII
Marksheet



Class X
Marksheet



Driving
License



Vehicle
Registration
Certificate
(RC)



Ration
Card



Residence
Certificate



SEBC / OBC
Certificate



Income & Asset
Certificate



Guardianship
Certificate



Income
Certificate



Legal Heir
Certificate



Caste
Certificate



Global Positioning System (GPS)- Smart Governance in a Connected World

Enabling precision in decision-making through real-time, location- based insights



mVAHAN/NextGen mParivahan app



Sourajalanidhi



Pollution Under Control Certificate



Farm Mechanisation



e-Licensing System



Jalanidhi



e-Pest Surveillance



e-Demonstration

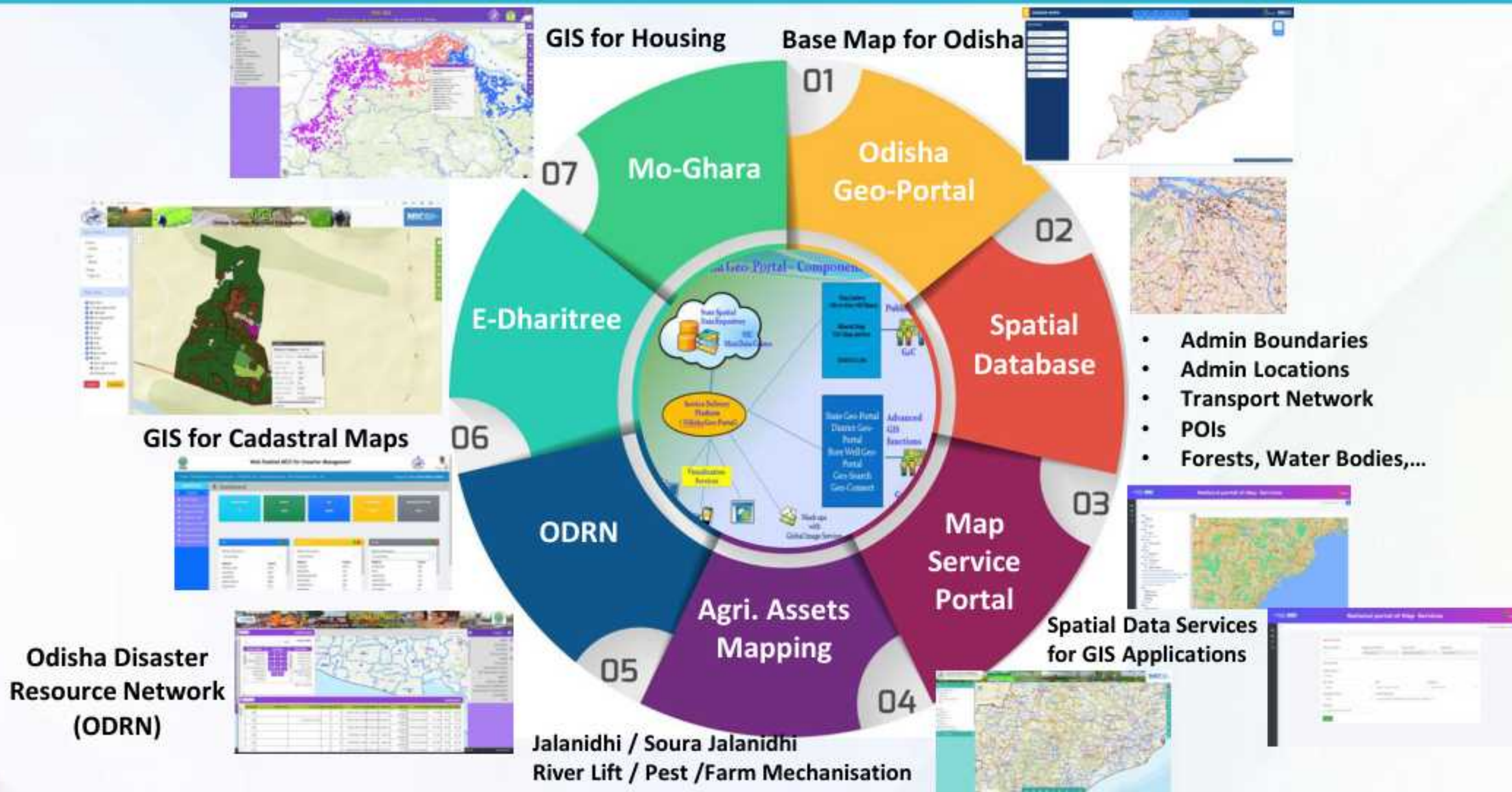
GIS: Geospatial Technology & Services

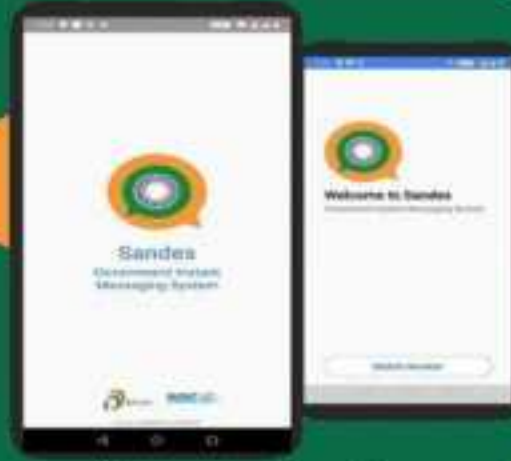
<https://stategisportal.nic.in/stategisportal/Home/State/21>

<https://bharatmaps.gov.in/bharatmaps>

-  State Geo-Portal
-  Districts Geo-Portals
-  GIS for Housing
-  Map Service Portal
-  Agriculture Assets Mapping

-  eDharitree
-  Spatial database
-  Bharat Maps
-  SAMARTH
-  Odisha Disaster Resource Network





No. of
Organisations
292

Registered
Users
37.92 Lakh

Message Count
eGov Applications
24.33 Crore

Instant Messaging System - Sandesh – Developed by NIC

Platform to facilitate officials and citizens to securely exchange end- to-end encrypted messages, audio video calls & files etc.



e-Panchayat Sabha of Panchayati Raj
& Drinking Water Department
<https://panchayatsabha.odisha.gov.in>



Odisha State Beverages
Corporation Ltd., Excise
Department <https://osbc.co.in>

LRMS

Land Records Management System,
popularly known as e-Mutation in Odisha.

<https://lrmsodisha.nic.in>

01

ePauti

Online Land Rent, Cess, Nistar Cess
Collection from Land Owners in the State.

<https://odishalandrevenue.nic.in>

05

Bhulekh

Public view of 2 Crores RoR (Record of Rights)
having 5.9 Cr. Plots of 4.5 Cr. Owners.

<https://bhulekh.ori.nic.in>

02

BhuNaksha

Digitisation of Cadastral Maps

<https://bhunakshaodisha.nic.in>

03

Bhu-Arjan

End-to-End work flow based process
automation for Land Acquisition

<https://larrmsodisha.nic.in>

04

Revenue &
Disaster
Management
Department

RCCMS

Revenue Court Case Monitoring System

<https://bhulekh.ori.nic.in/rccms>

06

Online Revenue Services

Facilitates Citizen to apply for Mutation,
Conversion, Partition and Demarcation

<https://odisharevenueservices.nic.in>

07

Successor Update

Substitution of names of legal heirs/ successor-
in-interest in column-2 of the record-of-rights
on the grounds of inheritance.

08

DWIST - Tahasil Suchana

Portals for all 317 Tahasils of the state.

<https://dwistodisha.nic.in>

09

CCMS

Court Case Monitoring System for
Revisional Court, Board of Revenue.

<https://ccms.nic.in>

13

Revenue Dashboard

Dashboard for State, District and Sub-Division
level officials for monitoring of service delivery.
<https://revenueodishadashboard.nic.in>

10

ORTPS Daily Bulletin

Monitoring of Disposal of Services
coming under ORTPSA
<https://revenueodishaortpsa.nic.in>

11

Revenue &
Disaster
Management
Department

ODES

Departmental Examination System

<https://odes.nic.in>

14

Survey & Settlement

End-to-end data and process capturing of
survey and settlement.

<https://surveysettlement.nic.in>

15

MTA

Manual of Tahasil Accounts
BPR and Automation of Registers at RI
Level

12

ULPIN

ULPIN (Unique Land Parcel Identification Number),
also known as Bhu-Aadhaar, is a 14-digit
alphanumeric code assigned to every land parcel.

16

LRMS (LAND RECORDS MANAGEMENT SYSTEM)

OBJECTIVE



Efficient, transparent, and citizen-friendly e-Governance Solution facilitating faster, accurate, and hassle-free land related services for citizens.

STATISTICS

TOTAL NOS. OF CASES INSTITUTED:

1.15
CRORE

TOTAL NOS. OF CASES DISPOSED:

1.12
CRORE

FEE COLLECTION:

MUTATION FEE:

₹ 17,26,00,710.00

CONVERSION FEE & PREMIUM FEE:

₹ 601,37,58,489.20

PARTITION FEE:

₹ 5,64,83,860.00

DEMARCATON FEES:

₹ 6,08,73,600.00

FEATURES:



TRANSACTION-BASED APPLICATION SOFTWARE



SEAMLESS INTEGRATION with e-REGISTRATION



SECURE ONLINE ACCESS to REGISTERED SALE DEEDS



AUTOMATED FORM DOWNLOAD (Form 2/Form 4)



AUTO INSTITUTION OF CASES



BIOMETRIC AUTHENTICATION for RoR Updation



TEMPLATE-BASED ORDER SHEET



REAL TIME SMS NOTIFICATIONS



MPLS/WebVPN CONNECTIVITY

COVERAGE



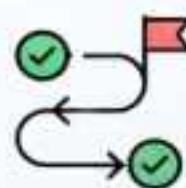
Mutation Types Covered:

- | | | |
|----------------|--------------------|------------------------|
| Sale Purchase | Court Decree | FRA (Ind.) |
| Inheritance | Conversion of Land | FRA (Comm.) |
| Partition | OGLS Act | Bebandobast |
| Willnama | Alienation | Govt. Land Transaction |
| Gift | OPLE Act | Town Planning |
| Relinquishment | OEA Act | Rent Abatement |

BHU-ARJAN

Digitizing Land Acquisition, Rehabilitation & Resettlement in Odisha

OBJECTIVE



End-to-End Workflow:
Digitizes the LA & R&R lifecycle from notification to award.



Statutory Compliance:
Adherence to RFCTLARR Act 2013 & Odisha R&R Policy 2006.



Transparent Citizen Services: Digital notices, SMS alerts & online grievance disposal.

KEY FEATURES



Land Acquisition (LA)

- Form A Generation
- 11(1) Notification
- Cost Estimate Preparation
- 19(1) Declaration



Social Impact Assessment

- TOR generation
- Agency selection
- 4(1) notification
- Public hearing
- 8(2) Declaration



YADAST & RR Award Mgmt.

- YADAST Creation
- LA Compensation
- Rent Abatement
- RR Award under ORRP 2006 / RFCTLARR 2013



Rehabilitation & Resettlement

- Household Details
- Family Details & Relations
- Family hierarchy
- Separate Family
- Displacement checklist



Public Grievance

- Grievance submission
- SMS alerts & final disposal



Legacy & On-Going Data

- Legacy Form-A, Legacy SIA
- Legacy 11(1) & 19(1)
- Legacy LA Cost estimates

KEY ACHIEVEMENTS



15
Departments
On-boarded



694
Projects



2983
Proposals
Created



61 K +
Acre Land
Acquired



Rs. 1343 Cr.
LA Cost
Estimation

COURT CASE MONITORING SYSTEM (CCMS)

DIGITIZING QUASI-JUDICIAL & COURT-RELATED CASES FOR BOARD OF REVENUE

OBJECTIVE



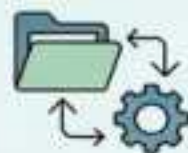
Designed to digitize and streamline the management of quasi-judicial and court-related cases handled by the Board of Revenue

COVERAGE



Implemented in 42 Revisional Courts of Board of Revenue

KEY FEATURES



1. Electronic File & Document Management:

- Electronic file movement
- Document management.



2. Case Lifecycle & Hearings:

- Case Filing
- Hearing Management
- Order Generation



3. Automated Communication

- Generation & Sending of Notices/PWR/Reminders
- PWR/Reminder sent to Tahasildars



4. Reporting & Compliance

- Compliance Reports
- PWR/Reminder pending status



5. Access & Security

- OTP-based Admin Login
- SMS alerts to Parties & Advocates

STAKEHOLDERS

 Appellant	 Collectors
 Presiding Officer	 Sub-Collector
 Court Officer	 Addl. Sub-Collector
 Peskar	 SO
 Standing Counsel	 RDC

SYSTEM STATISTICS

TOTAL NOS. OF CASES INSTITUTED



1,52,062



TOTAL NOS. OF CASES DISPOSED



57,081



BHULEKH

Public Access to Land Records for Citizens, Institutions, and Stakeholders



KEY FEATURES & STATISTICS



2.01

Crore RoR
(Records of Rights)



5.99

Crore
Plots



4.5

Crore
Owners



1.5L to 4L

Daily Hits
(Approx.)



EXTENSIVE API INTEGRATION with DEPARTMENTS

- Agriculture Department
ORSAC
- Civil Supplies and Consumer Welfare Department
Housing & Urban Development (BDA, BMC)
- Water Resources Department
- **Pradhan Mantri Fasal Bima Yojana**
DILRMP MIS Portal
- AgriStack
- RoR Transliteration: **22 Languages** (PoC Done)

Bhunaksha

Facilitates Plot Division in Digitized Maps



CORE DELIVERABLES

- Spatial Data Correction
- Textual Data Synchronization
- Public Access: **1.38 Lakhs** Map Sheets



STATISTICS

- Total Number of Plots Created:
56,89,607
- ULPIN Generated:
for **8,25,24,578 plots** of **873 Villages**
(Deogarh, Sonapur, Sundargarh districts)

ePauti – Land Revenue Payment System for Citizens

Launched on: 15th August 2019.

KEY FEATURES

1. Digitised Electronic Tenant Ledger (ETL)
2. Integration with iFMS 2.0
3. System generated Payment Receipt
4. Automatic updation of Tenant Ledger
5. MIS Reports for the Tahasil, District & State administration

PROCESS RE-ENGINEERING

Registers reduced from 16 to 9 by Board of Revenue.

MTA REGISTERS

- **Register – I:** Record of Rights (RoR)
- **Register – II:** Electronic Tenant Ledger (ETL)
- **Register – III:** Compulsory Basic Water Rate & Fluctuating Water rate
- **Register – IV:** Miscellaneous Revenue and Misc. Cases
- **Register – V:** Stock Register of Receipt Books
- **Register – VI:** ePauti Receipt
- **Register – VII:** Sadar Siha
- **Register – VIII:** Village wari Siha
- **Register – IX:** DCB (I) and DCB (III)

STATISTICS

Sl No.	Financial Year	No. of Khatiyans Paid	Revenue Collected (in Rs.)
1	2019-20 (Part)	2,82,955	87,49,633
2	2020-21	8,86,599	6,54,94,672
3	2021-22	17,28,019	16,44,66,905
4	2022-23	23,61,533	21,00,44,396
5	2023-24	26,77,331	24,63,37,198
6	2024-25	6,308,375	54,72,29,496.00
7	2025-26	6,778,149	130,21,58,989.00
8	2026-27 (Till Date)	1,509,525	11,40,35,463.00
Total		3,41,87,470	327,00,51,847.94

Other Digital Initiatives and Recognition



Departmental Examination System functions smoothly for all cadres.



Document Management System (DMS) implemented in 267 Tahasils; Centralized application proposal submitted.



Mobile App developed for critical Revenue services.



Integration of Mutation, Conversion & Partition with a WhatsApp Bot.



Interactive Dashboard for monitoring Service Delivery & Field Level Office Ranking.



ORTPS Daily Bulletin inaugurated by Hon'ble Minister for monitoring of ORTPS Services.



DWIST (renamed Tahasil Suchana) Web Portals in all 317 Tahasils.

AWARDS & ACCOLADES



NCAER (2020, 2021)



CSI (2020)



SKOCH Award



TECHNOLOGY SABHA Award



**PLATINUM AWARD FROM
HON'BLE PRESIDENT OF
INDIA**

(By DoLR, Govt. of India)
19 Districts of Odisha
received Platinum Award.

SKILLHUB ODISHA – DIGITAL PLATFORM FOR SKILL DEVELOPMENT

OBJECTIVE | To manage, monitor, and evaluate skill development initiatives across Odisha through multiple departments and agencies.

STAKEHOLDERS & COVERAGE

REGISTERED ENTITIES



260

Project Implementing Agencies (PIAs)



648

Placement Linked Training Providers (PLTPs)

DEPARTMENTS USING SKILLHUB



Odisha Skill Development Authority (OSDA)



Odisha Scheduled Caste & Scheduled Tribe Finance & Development Corporation (OSFDC)



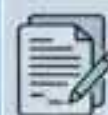
Odisha Tribal Development Society (OTDS)

FEATURES

PIA / Training Provider (TP) Registration



Approval workflow



Course Management & Approval

Course master migrated from NSDC, mapping unique QP Code



Training Centre (TC) Management



Batch Creation & Pre-Registration, Aadhaar, hand scanning



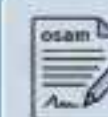
Aadhaar Enabled Biometric Attendance (AEBAS)

Training Centres and Hostels



API integration

Skill India Digital Hub - SIDH



Assessment & Re-Assessment



Employer & Placement Management



Placement Verification by Agencies



e-Payment System



SCTEVT | AADHAAR ENABLED BIOMETRIC ATTENDANCE SYSTEM FOR STUDENTS (AeBASS)

OBJECTIVE



Record attendance of students of Government Polytechnics and ITIs.

COVERAGE



72

Polytechnics



115

ITIs

23 K+

students marks attendance daily



8 Lakhs

Average Monthly Finger Print Punches



MONITORING



Dashboard for State Level Officials at State Council of Technical Education and Vocational Training (SCTEVT)

eTRANSPORT MMP: PUBLIC DIGITAL PLATFORM



Unified &
Integrated



Citizen
Centric



Secure &
Reliable



Anywhere,
Anytime



Efficient
& Scalable

Vahan — Vehicle Related Solutions

Integrated view of key VAHAN modules and major activities implemented

Core Registration & Records

Vehicle identity, registry and lifecycle

- Homologation and Type Approval
- Vehicle Registration, Dealer Point Module
- National Register for DL and RC, data sharing
- Registered Vehicle Scrapping Facility (RVSF)
- Dashboard and Analytics

Permits, Tax & Operations

Revenue, permit and field operations

- Taxation Module and Tax Service
- National Permit, AITP, Contract / Stage carriage permits etc.
- eCheck Post Application
- Payment Gateway Interface (HDFC & IFMS Integration)

Fitness & Compliance

Inspection, alteration and certified standards

- Vehicle Fitness and Inspection
- Vehicle Conversion and Alteration
- Vehicle Location Tracking Device (VLTD) & Speed Limiting Device (SLD)
- Automated Fitness Management System (AFMS)
- CNG Fitment Customization through Vahan Green Sewa

Citizen & Trade Services

Online access and trade-facing approvals

- Smart Card, KMS & HSRP modules
- Fancy Number Application, BH Series Application
- 150+ Online Citizen / Trade Services
- Dealer authorization for old-registered vehicle & Trade Certificate Application

Key Activities Implemented

- 21 Aadhaar-based faceless services
- BH Series registration, transfer & reassignment
- Fitness Anywhere for transport vehicles
- Online registration for second-hand dealers & trade certificates
- Vintage registration & QR code-based RC
- Common Carrier Registration under Carriage by Road Rules, 2011.
- AFMS in 7 RTOs for automated fitness testing
- API integration with SCRB, HSRP, Agriculture, OPMS & Mining departments

Vehicle Registration
As on: 12/07/2026
1.31 Cr

Permit Issue
per year:
1.53 Lakh

Online Transaction
per year:
29.67 Lakh

Revenue
per year:
2536 Cr+

VAHAN enables seamless, faceless, compliant and technology-driven vehicle services.

SARATHI – LICENSE RELATED SOLUTIONS

Digital solutions for Driving License services – Simplifying access, ensuring safety

- 1** New Learner's License
- 2** Services on Learner's License
- 3** Online Test for Learner's License (STALL)
- 4** New Driving License, International Permit
- 5** Services on Driving License
- 6** Appointment Management Module
- 7** Driver Training Enrollment & Attendance
- 8** Conductor License – New/Temporary
- 9** Services on Conductor License
- 10** Driving Test Track, Camp Office Module
- 11** National Register for DL
- 12** 50+ Online Citizen/Trade Services

KEY ACTIVITIES IMPLEMENTED

- LL auto approval after test
- Form 1A via dotnet login & image capture
- Aadhaar-based DL services
- DL services on mKavach mParivahan
- New LL applications via UMANG
- ADTS implemented in 19 RTOs
- AI-based LL e-Docket with face / liveness / blink
- API integration With AMASATHI WhatsApp Bot

- Driving License**
As on
35.60 Lakh
- Learner License**
As on
61.72 Lakh
- Conductor License**
issue / year
1325
- Online Transaction / year**
5.90 Lakh
- Revenue / year**
46.89 Cr



SARATHI empowers citizens with seamless, transparent and efficient driving license services across India.



eChallan System – Overview

Smart Enforcement. Seamless Payments. Safer Roads.

★ KEY FEATURES

Online & Offline Challan Booking

Geo-Tagged Evidence Capture

Integration with Vahan & Sarathi

Automated Challan Calculation

Onsite Payment Options

Real-Time Alerts & Notifications

Challan Receipt Printing

Work Scheduling & Task Management

Comprehensive System Administration

Challan Management

Legal Processing & Settlement

Value-Added Functionalities

BANK-INTEGRATED DEVICES FOR e-CHALLAN SYSTEM

Transport Department Integration
HDFC-integrated devices for centralized transaction management.

Odisha Police Department Integration
SBI-integrated devices for streamlined financial transactions.

OTS (One Time Settlement) Scheme Initiative by Odisha Govt.

NOTIFIED DATE / TIME	MV SECTIONS
Dt.17.09.2025	177,177A,178,179,190(2),182(1),183(1)(2),184(a,b,c,d,e,f),186,190(2),192
Dt.09.10.2025	180,181,194B(1),194C,D,E,196
Dt.15.11.2025	192(A),194(1)

INITIATIVES IN eCHALLAN

eChallan Initiatives

- ✓ UPI and Card Payment is implemented in eChallan
- ✓ ITMS (Integrated Traffic management System) for police department
- ✓ ITMS in Sundergarh, Ganjam, Keonjhar, BBSR Smart City, Angul deployed in production
- ✓ ITMS pending in Talcher, Nayagarh, UPD Cuttack
- ✓ Integrated with IEMS (Intelligent Enforcement management System) for transport department
- ✓ Citizen Sentinel using NextGen mParivahan App
- ✓ Challan Issuance by Smart City
- ✓ Virtual Court (UPD Bhubaneswar, Cuttack)

STATISTICS

Total Transport Department User

655

Total Traffic Police User

1,658

Total Challans

37 Lakhs per year

Total Revenue collected

178 crores per year

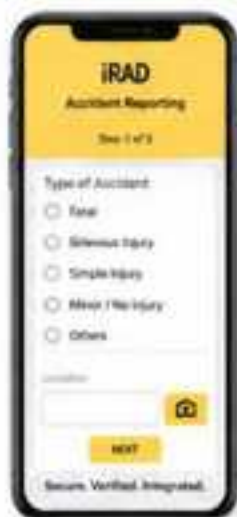


Integrated accident reporting, geo-spatial grid intelligence and PM-RAHAT cashless treatment workflow

Stakeholders MoRTH Transport Dept. Police Health / Ambulance Courts Blood Bank Insurance Highways / NHAI / PWD

Integrated Accident Data

iRAD / eDAR information exchange



Mobile + web based accident reporting pushes verified case information into the integrated data exchange.

Linked Systems

- VAHAN / SARATHI
- iRAD / eDAR
- NHA / PM-JAY
- CCTNS / NHM



One source of truth for accident case flow

Live Accident Snapshot

Severity data and treatment approvals

PM-RAHAT Cashless Treatment Scheme

300 approved / 419 cases

≈72% approval coverage

Accident Severity

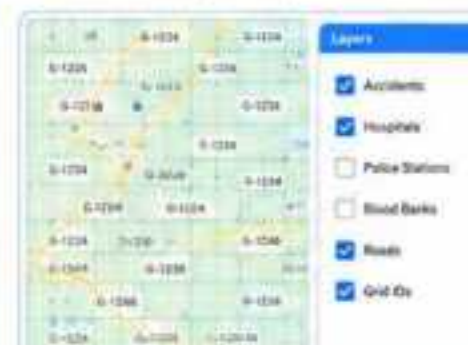


Data-driven decisions for enforcement, response planning and victim support.

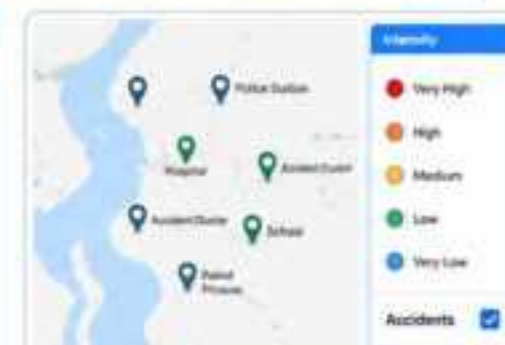
Geo-Spatial Grid Intelligence

2 sq. km grids • 18 lakh unique Grid IDs

The State is divided into standardised 2 sq. km grids so that accident clusters, hospitals, police stations and road stretches can be localised quickly.



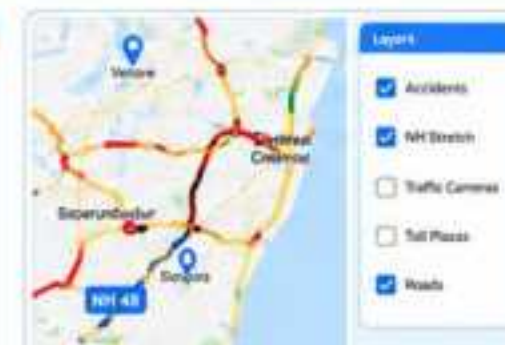
Layer selection



Accident intensity



Grid view



NH stretch



A unified digital ecosystem for road crash reporting, emergency response and spatial intelligence.

Value added services initiated , developed and implemented — Pan India —

.....



DIGITAL SOLUTIONS FOR SMARTER TRANSPORT & SUSTAINABLE FUTURE

★ Driving Compliance. Enabling Green Mobility, Empowering India. ★



eDETECTION

The Digital Eye on MV Violators

OBJECTIVE

To automate detection of Motor Vehicle (MV) violations using data intelligence and issue eChallans for improved compliance, road safety, augmenting to the existing enforcement practices, and revenue realization.



APPROVE PAN INDIA

implementing with direct supervision of MoRTH



COMMON GOALS

- Digital India Vision
- Efficient Governance
- Transparency & Accountability
- Citizen Convenience
- Sustainable Mobility

KEY BENEFITS / IMPACT

- Automated detection of MV violations across multiple parameters
- Real-time integration with VAHAN, Sarathi, NHAI/MoCL and RTC.
- Enhanced road safety and law compliance
- Increase in revenue collection through eChallan issuance
- Data-driven dashboards & MIS for decision support
- Reduce human errors, manual intervention & improve efficiency
- Migrating to the NGE (New-Gen eChallan) configuration
- Migration to Centralized Application for Chhattisgarh and Bihar

IMPACT HIGHLIGHTS



11 States Implemented



30.1+ Lakh eChallans Issued



201+ Crore Total Fine Imposed



10.4+ Crore Vehicles Analyzed

IMPLEMENTED IN 11 STATES



KEY VIOLATION AREAS COVERED



TECHNOLOGY STACK



**NIC** National
Informatics
Centre

DIGITAL SOLUTIONS FOR SMARTER TRANSPORT & SUSTAINABLE FUTURE

★ Driving Compliance. Enabling Green Mobility, Empowering India. ★



EV SUBSIDY PORTAL

Promoting Green Mobility | Enabling Clean Future

OBJECTIVE

To provide a transparent, efficient and paperless platform for citizens to apply and avail all types of subsidies on electric vehicles as per state policies.



APPROVE PAN INDIA

implementing with direct
supervision of MoRTHसड़क परिवहन और राजमार्ग मंत्रालय
MINISTRY OF
ROAD TRANSPORT
& HIGHWAYS

BUILDING A SMARTER & SUSTAINABLE TRANSPORT ECOSYSTEM

Technology
EfficiencyTransparency
Compliance

COMMON GOALS

- Digital India Vision
- Efficient Governance
- Transparency & Accountability
- Citizen Convenience
- Sustainable Mobility

KEY BENEFITS / IMPACT

- Online end-to-end subsidy application & approval
- Integration with IFMS/PFMS/eGRAS for auto disbursement
- Improved application tracking, transparency & accountability
- Reduced turnaround time & manual intervention
- Promotes EV adoption & clean environment
- Aadhaar Verification has been configured and integrated for seamless payment to the verified account of the applicants.
- Beneficiaries across income groups & vehicle categories
- Migration to CM based EV Portal for Bihar as per state request

IMPACT HIGHLIGHTS

5
States
Implemented₹400+ Crore
Subsidy Disbursed*2.50+ Lakh
Applications
Processed*Seamless Payment
Gateway Integration
for Odisha, Delhi, and Bihar

IMPLEMENTED IN 5 STATES



Odisha



Bihar



Kerala



Rajasthan



Delhi

VEHICLES COVERED



Two Wheelers



Three Wheelers



Four Wheelers

Trucks /
Goods Carrier

TECHNOLOGY STACK



Java



Spring Boot



Angular



PostgreSQL



REST APIs

NAPIX/TMCC/
DR Integration

SMTP

IFMS
Integration

Nginx



Cloud Server



Digital Enforcement for Safer Roads



Green Mobility for a Sustainable Tomorrow



Technology Led

Citizen Centric

Future Ready

NIC - Enabling Digital
Governance for Viksit Bharat



NIC National Informatics Centre



AI-BASED SPOOF DETECTION FOR TRUSTED TRANSPORT SERVICES

Building a Smarter AI based Authentication Fueling an Enhanced Mobility Ecosystem.

AI - BASED SPOOF DETECTION INTEGRATED WITH PUCC VERSION 2.0

Ensure genuine, live-captured vehicle images and validates vehicle identity in real-time to issue pollution certificate.

HOW IT WORKS

- Authorized image capture at PUCC center
- AI engine detects spoofed / reused images
- Number plate detection & OCR extraction
- Auto-match with vehicle details under test
- Accept / Reject with reason, confidence score
- Secure API integration & audit logging

KEY IMPACT

- ~6.6 M Vehicle images scanned (Chained with 2 Lakhs of local datasets)
- ~1.6 M Non-genuine images detected & blocked
- Real-time rejection prevents fraud
- Number plate auto-match prevents substitution
- Reduces disputes, manual work & audit load
- Strengthens compliance & trust in PUCC services

Approved PAN INDIA
Implementing with direct supervision of MoRTH



सड़क परिवहन और राजमार्ग विभाग
MINISTRY OF ROAD TRANSPORT & HIGHWAYS

AI

BUILDING A SMARTER & SUSTAINABLE TRANSPORT ECOSYSTEM

Technology Efficiency



Transparency Compliance



DEPLOYED IN

Across 21 States
Real-time operations

TECHNOLOGY

- Custom CNN Models (Chained with 2 Lakhs of local datasets)
- <300 ms Inference
- Low Bandwidth Tolerant
- Secure & Scalable

COMMON GOALS

- Digital India Vision
- Efficient Governance
- Transparency & Accountability
- Citizen Convenience
- Sustainable Mobility

IMPACT AT A GLANCE

- ~6.6 M Images Scanned
- ~1.6 M Fraudulent Images Blocked
- Real-time Fraud Prevention



Prevents misuse & fraud



Ensures compliance & auditability



Builds trust in transport services



Aligned with Digital India & DPI Principles



Empowering Citizens. Strengthening Systems.

A Smarter AI based Authentication Fueling an Enhanced Mobility Ecosystem.



NIC National Informatics Centre



AI-POWERED FACE AUTHENTICATION & PROCTORING SYSTEM

Enabling Secure, Contactless Learner License Examination in SARATHI with Real-time Face Authentication and AI-based Proctoring.



AI-POWERED FACE AUTHENTICATION & PROCTORING SYSTEM

Enabling Secure, Contactless Learner License Examination in SARATHI with real-time face authentication and AI-based proctoring.

HOW IT WORKS

- Face Authentication (eye blinking & smile detection)
- Spoof & Liveliness Detection (digital photo & video checks) (Chained with 15 Thousands of local datasets)
- AI Proctoring (continuous monitoring)
- SmartLock Secure Desktop (prevents interference)
- Access allowed only if user is real

KEY IMPACT

- 1.9 Cr+ Authentication attempts
- 2.3 Cr+ LL Examinations conducted
- Fraud prevention & high exam integrity
- Fully Visitless, secure & DPI aligned

Approved PAN INDIA
Implementing with direct supervision of MoRTH



AI

BUILDING A SMARTER & SUSTAINABLE TRANSPORT ECOSYSTEM

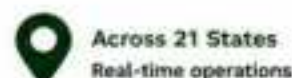
Technology Efficiency Transparency Compliance



AI PROCTORING MONITORS

- Head Pose
- Eye Gaze
- Multiple Faces
- Mobile / Device Usage
- Background Changes
- Suspicious Behavior

DEPLOYED IN



Across 21 States
Real-time operations

TECHNOLOGY



TensorFlow.js



face-api.js



Custom CNN Models
(Chained with 15 Thousands of local datasets)



SmartLock Secure Desktop



Client-Side AI (Privacy First)

COMMON GOALS

- Digital India Vision
- Efficient Governance
- Transparency & Accountability
- Citizen Convenience
- Sustainable Mobility

IMPACT AT A GLANCE



21 States Deployed



10 States Proctoring



Real-time Fraud Prevention

KEY BENEFITS



Enhances Exam Integrity



Reduces Malpractice



Improves Candidate Experience



Supports Contact-less Governance



Aligned with DPI & Digital India Mission



Prevents misuse & fraud



Ensures compliance & auditability



Builds trust in transport services



Aligned with Digital India & DPI Principles



Empowering Citizens. Strengthening Systems.

A Smarter AI based Authentication Fueling an Enhanced Mobility Ecosystem.

AMA RASTA

WhatsApp Bot

Citizen-Centric Digital Transport Assistance Platform

★ Making Roads Safer Through Smart Digital Assistance ★



OBJECTIVE

To provide a simple, multilingual, and accessible digital platform through WhatsApp that enables citizens to report road accidents and access transport-related services, improving emergency response, transparency, and citizen convenience across Odisha.

KEY BENEFITS / IMPACT

- Report road accidents directly through WhatsApp
- Supports English & Odia guided conversations
- Share live GPS location and accident details instantly
- Upload accident photographs for better assessment
- Automatic Accident Alert generation for faster emergency response
- Instant notification to Odisha Transport Department and nearest RAKSHAK Volunteer
- Check EV Subsidy Application Status
- Verify PUC Status online
- No separate mobile application required
- Faster service delivery with reduced manual intervention



Safer Roads | Smart Assistance
Better Odisha

IMPACT HIGHLIGHTS

- WhatsApp-based citizen service platform
- Multilingual (English & Odia)
- Faster accident reporting & emergency response
- Real-time GPS-enabled incident reporting
- Improved coordination with RAKSHAK Volunteers
- Digital transport services in one platform
- Paperless & citizen-friendly service delivery
- Enhanced road safety and public convenience

COMMON GOALS

- Digital Governance
- Citizen Convenience
- Faster Emergency Response
- Transparency & Accountability
- Paperless Service Delivery
- Road Safety Enhancement
- Technology-Driven Public Services
- Digital Odisha Vision



CORE FEATURES

ACCIDENT REPORTING

Citizens can report road accidents by providing:

- Name
- District
- Accident Location
- Live GPS Location
- Accident Photographs
- Brief Description of the Incident

EV SUBSIDY STATUS

Citizens can check the status of their Electric Vehicle Subsidy application using:

- Vehicle Number
- Application Number



AUTOMATIC ACCIDENT ALERT

The system automatically generates and shares:

- Accident Location
- Google Maps Link
- Accident Images
- Reporter Details
- Time of Incident



Alerts are instantly forwarded to:

- Odisha Transport Department
- Nearest RAKSHAK Volunteer

PUC STATUS VERIFICATION

Users can verify Pollution Under Control Certificate (PUC) status using:

- Vehicle Number
- Last 5 Digits of Chassis Number



CITIZEN SERVICES

- Road Accident Reporting
- Live Location Sharing
- Photo Upload
- Google Maps Integration
- EV Subsidy Status
- PUC Status Verification
- WhatsApp-Based Services
- English & Odia Support

TECHNOLOGY STACK

- Java
- Spring Boot
- Angular
- PostgreSQL
- WhatsApp Business API
- REST APIs
- Google Maps API
- Redis
- Nginx
- Docker / Podman
- Linux



FUTURE APPLICATION DEVELOPMENTS & ROADMAP

★ EMPOWERING CITIZENS | ENABLING TRANSPORT | BUILDING A DIGITAL INDIA ★



AGGREGATOR PORTAL For Delhi Transport (GNCTD)

A unified platform to integrate multiple EV & Transport portals for seamless data exchange, monitoring & decision support for GNCTD.



VEHICLE REQUISITION SYSTEM For Odisha Transport

A digital platform for streamlining vehicle requests, approvals, and payments with transparency and efficiency.



AMA SUVAHAK For Odisha Transport

A welfare initiative by Govt. of Odisha to promote economic empowerment and self-employment among women by providing financial assistance for the purchase of vehicles.

Interest-free loan up to ₹10 lakh

Government pays down payment & interest



SARATHI For Odisha Transport

Accredited Driving Training School (DTS) Module - For automated driving training institute, beginning from the enrollment, attendance, course syllabus, certification.



eDETECTION PORTAL

ONGOING WORK STATES



- Gujarat
- Chhattisgarh
- Bihar

TECHNOLOGIES TO BE IMPLEMENTED IN FUTURE



MongoDB (NoSQL) Implementation for Huge data fetching



ANPR camera data fetching through API



Real-time challan generation for same day toll plaza passed vehicles for Gujarat



Overload detection and challan issuance

APPROVE PAN INDIA

Implementing with direct supervision of MoRTH

Under MoRTH Supervision



सड़क परिवहन और राजमार्ग मंत्रालय
MINISTRY OF
ROAD TRANSPORT & HIGHWAYS



EV SUBSIDY PORTAL

ONGOING WORK STATES



- Odisha
- Delhi
- Bihar

TECHNOLOGIES TO BE IMPLEMENTED IN FUTURE



Monolithic to Microservice architecture



Aadhaar Vault implementation for Odisha, Delhi, Bihar



SFTP integration for Payment Gateways for Odisha



Migration to CM BEST EV Portal for Bihar



FUTURE DEVELOPMENT - SPOD



AI VIDEO ANALYTICS

Continuous vehicle presence monitoring, video replay detection, and end-to-end test validation using temporal AI models.



ADVANCED ANPR & OCR

Enhanced number plate detection, improved OCR accuracy, and multi-frame/video-based vehicle registration verification.



AI COMPLIANCE ENGINE

Exhaust pipe detection, vehicle-to-probe connectivity validation, and emission pattern analytics to enable automated certification decisions.



FUTURE DEVELOPMENT - iDETECT



ENHANCED SPOOFING DETECTION

Develop next-generation AI models to improve resistance against image, video, and presentation attacks, ensuring more reliable identity verification.



ROBUST SMARTLOCK SECURITY

Strengthen the SmartLock mechanism with advanced authentication, improved tamper detection, and enhanced security controls for greater reliability and protection.

TECHNOLOGY STACK



Docker/Podman



MongoDB (NoSQL)



Redis



Microservices

Agricultural Informatics Division

Transforming Fields with the Power of Digital Innovation.

Farm Mechanisation DBT Automation System



- **e-Rupee Integration:** Digital payments for transactions below 1 Lakh.
- **UPL AEPS:** Unified Payment Layer & biometric distribution above 1 Lakh.
- **Biometric Security:** Aadhaar enabled authentication (Fingerprint & Iris).
- **AADHAAR Vault:** Secured verification with credential safety.
- **Secured Payment:** Payment Gateways with beneficiary account verification.
- **VAHAN Service:** Real-time automated verification of tractor details.

4,63,418

Beneficiaries

3,565 Crore

Subsidy Disbursed

5,48,954

Implements Distributed

Odisha Agri License Single Window System

- **Unified Licensing:** Comprehensive single-window system
- **Digital Certificates:** Online issuance of source certificates & O-Forms.
- **Module Control:** Integrated system for license suspension or cancellation.
- **ORTPS Auto Appeal:** Auto appeal System as per ORTPS Act.
- **Central Monitoring:** Synced with ORTPS Act Central Monitoring System.
- **MSR Submission:** Active support for enforcement activities & reporting.



10,279

Seed Dealers

14,311

Fertiliser Dealers

7,250

Insecticide Dealers

Agricultural Informatics Division

Transforming Fields with the Power of Digital Innovation.

e-Demonstration



13,14,880
Beneficiaries

₹210.81 Cr
Subsidy Disbursed

- Farmer Registration
- Subsidy disbursement for Pesticide, Insecticide and fertiliser through UPL
- Monitoring of distribution of Seed & IPM devices
- Geofencing of demonstration area
- Integrated with e-Licensing System

AI Powering Jalanidhi (Ph 2)



Smart Asset & Human Detection

- Mobile App is powered by Yolo based in-house trained model for Identifying Solar Panel & Human in the image.
- System is now able to auto validate manipulated images uploaded.

Real-time AI in AgriStack



Cost-Effective Paddy Verification

- Right now AI based verification of the images are being done using Gemini based VLM post survey by Govt of India in bulk mode in the night time.
- NIC's in-house paddy AI model (~80% crop coverage) enabled real-time image verification in the DCS App, significantly reducing Gemini VLM costs of ₹1.5–2 Cr/month.



Status as on June-2026

26- Onboarded & Operational States Certification

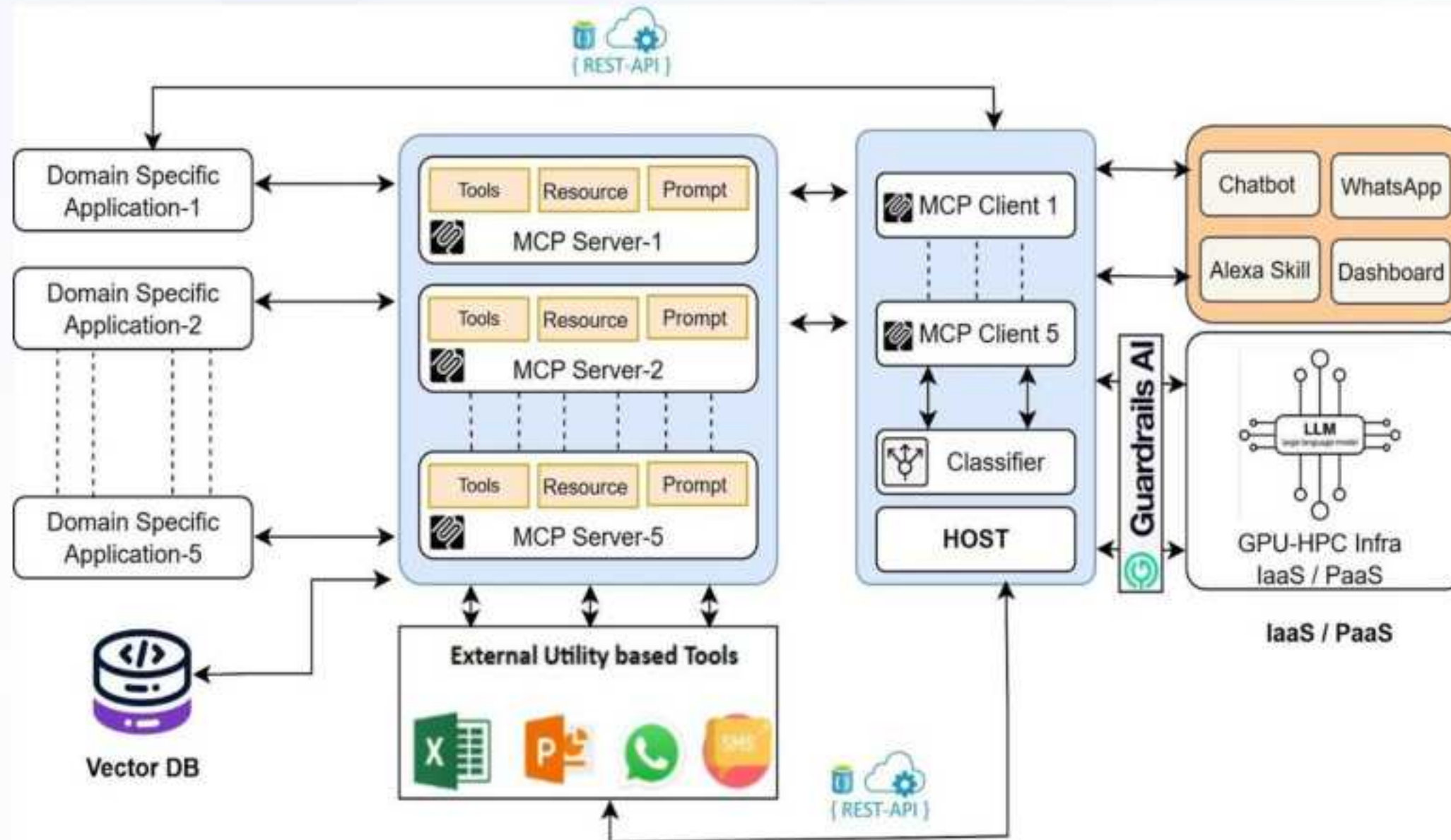
Gujarat	Delhi	Uttarakhand	Punjab	Maharashtra
Odisha	Chhattisgarh	Rajasthan	Kashmir	Jammu
Andhra Pradesh	Assam	Jharkhand	Tripura	Himachal
Tamilnadu	West Bengal	Madhya Pradesh	Karnataka	Sikkim
Kerala	Haryana	Uttar Pradesh	Bihar	Puducherry
Telangana	Arunachal Pradesh	Nagaland		

Technology Stack

- Node JS
- Angular
- Redish
- MongoDB
- Postgresql
- RabbitMQ
- Docker
- Kubernetes
- S3 Object Storage
- Google Cloud Platform
- Microservice based architecture
- Inhouse Kubernetes Management Tool (Kube Pilot)
- Inhouse Mongoddb Management Tool (Kube Pilot)

Smart Agriculture Intelligence Network (SAINet)

A Digital Bridge Between Data and Decisions in Farming using the power of Agentic-AI



☐		sainet
☐		pesticidelicensing
☐		documentseeker
☐		utilitytools
☐		seedlicensing
☐		weather
☐		general
☐		production
☐		fertiliserstockmaster
☐		sathicpr
☐		seedsales
☐		fertiliserlicensing
☐		fpofinder
☐		farmmechanisation
☐		master

AWARE- AI workflow Aggregation and Resource Engine



AI-PaaS (Simple Scalable and Secure)

Single Platform for all types of AI users using nocode tools and on premise secured AI services with SSO facility.

L-4 AI Platform Builder

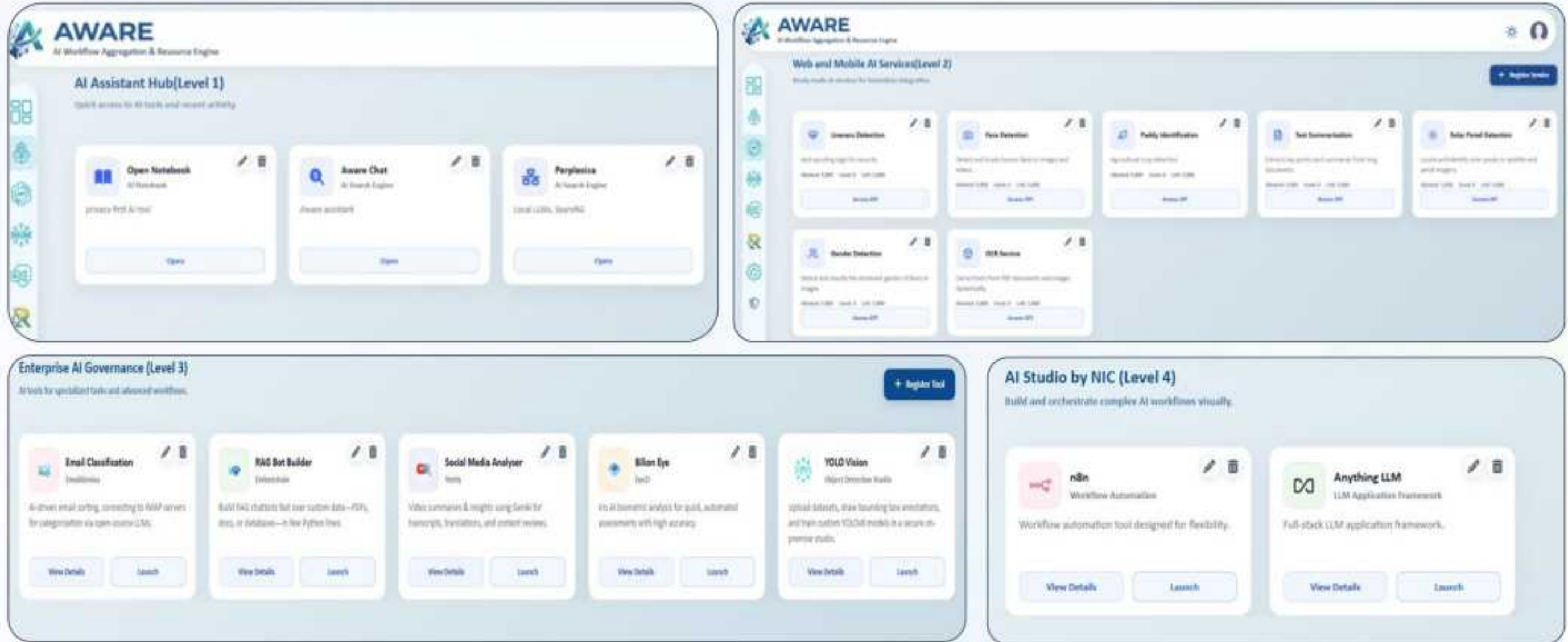
L-3 AI Creator

L-2 Web / App Developers

L-1 Departmental User

AWARE- AI workflow Aggregation and Resource Engine

Single platform with Tools for 4 levels of users, developers, creator & researchers



AWARE- AI workflow Aggregation and Resource Engine

NIC's Inhouse developed Products awaiting HPC Infra to kick off journey



Register

COMPANY

Your company name

EMAIL

name@company.com

PASSWORD

Create a password

CONFIRM PASSWORD

Confirm your password

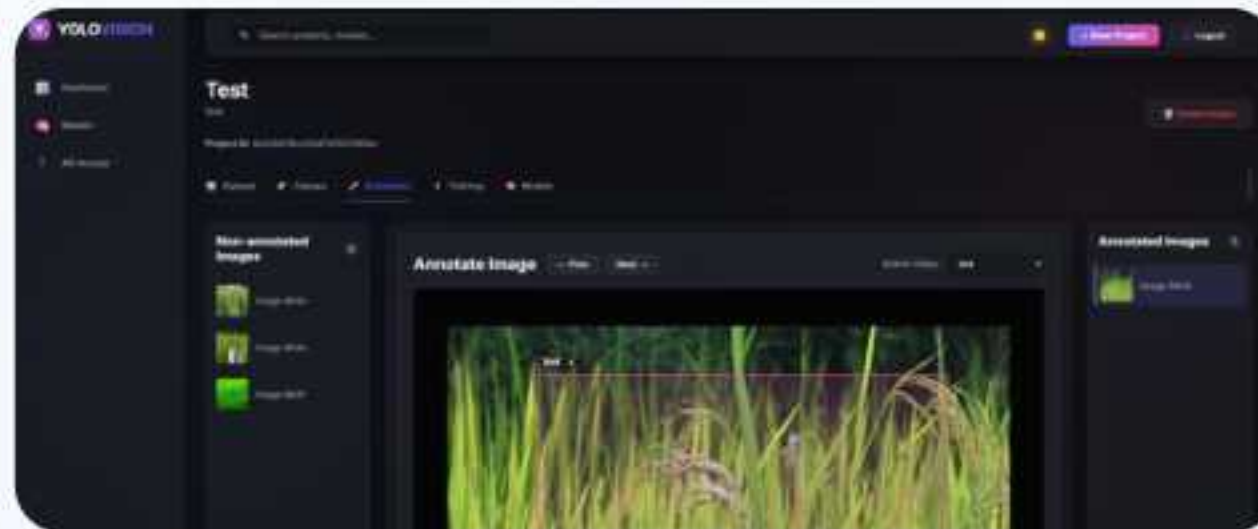
Register

Already have an account? [Login](#)

Ask smarter. Retrieve faster.

 **RKE**

Email - Triage





Education

- ✓ **Universities:** Utkal University, Berhampur, FM, DDU & NOU.
- ✓ **Boards & Councils:** BSE, CHSE & OSHEC web portal.
- ✓ **Misc.:** Odisha Results, PM-POSHAN, VTP Utkal.



Finance

- ✓ **ALFA:** Automated Local Fund Audit of Local Fund
- ✓ **BETA:** Budget Execution Technique Automation
- ✓ **OCAMP:** Odisha Central Audit Management Portal



Cooperation

- ✓ **Samabaya Sameekshya :** Automate the Audit Process
- ✓ **CSSRC :**Registrar of Cooperative Societies
- ✓ **TLMS :** Traders License Monitoring System





- ✓ **e-IB:** Online Reservation of IB under Works Dept.
- ✓ **FAMS:** Fly Ash Management System, Pollution Board
- ✓ **Paradip Port:** GIGW Web portal of Paradip Port Authority

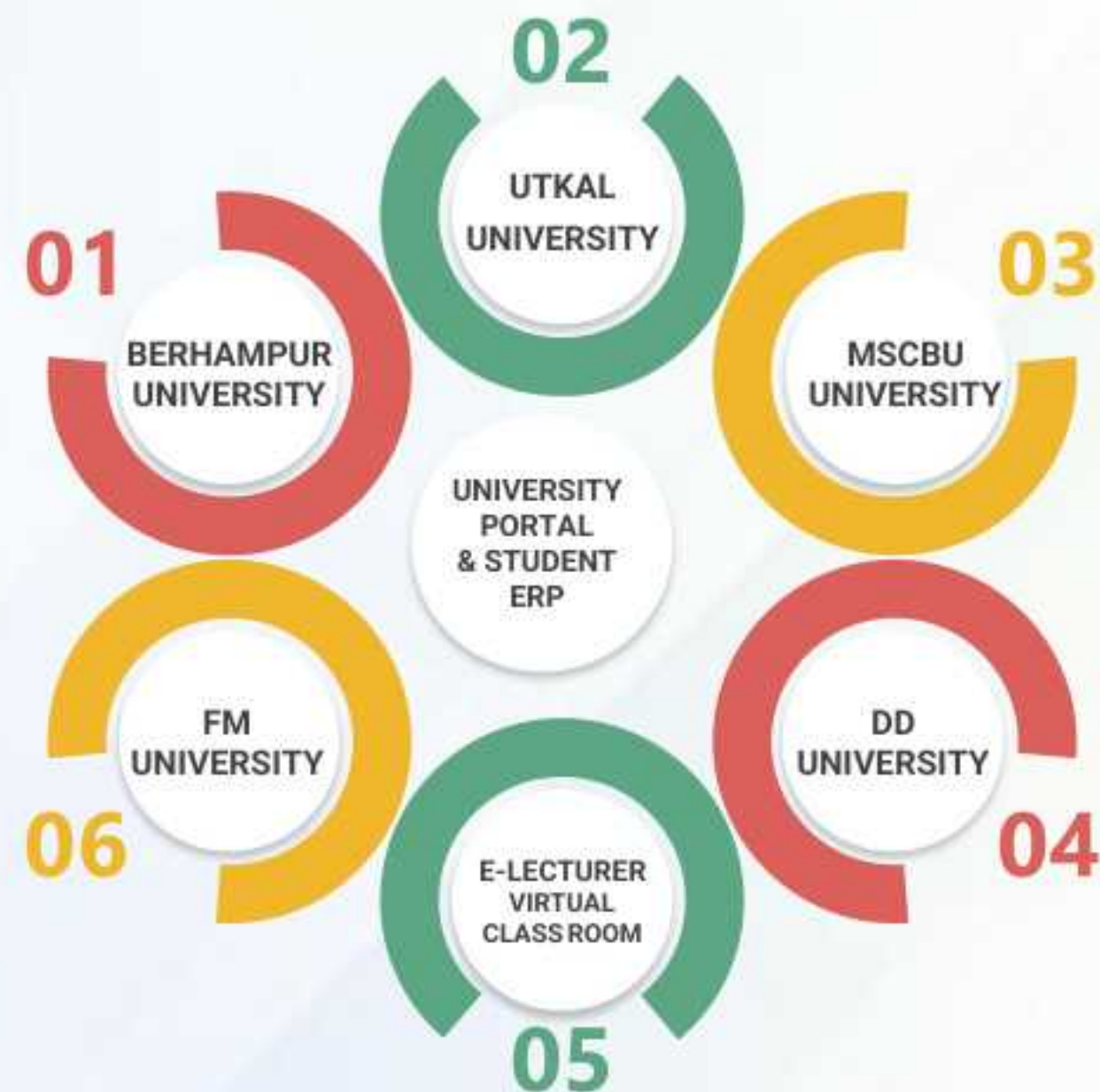
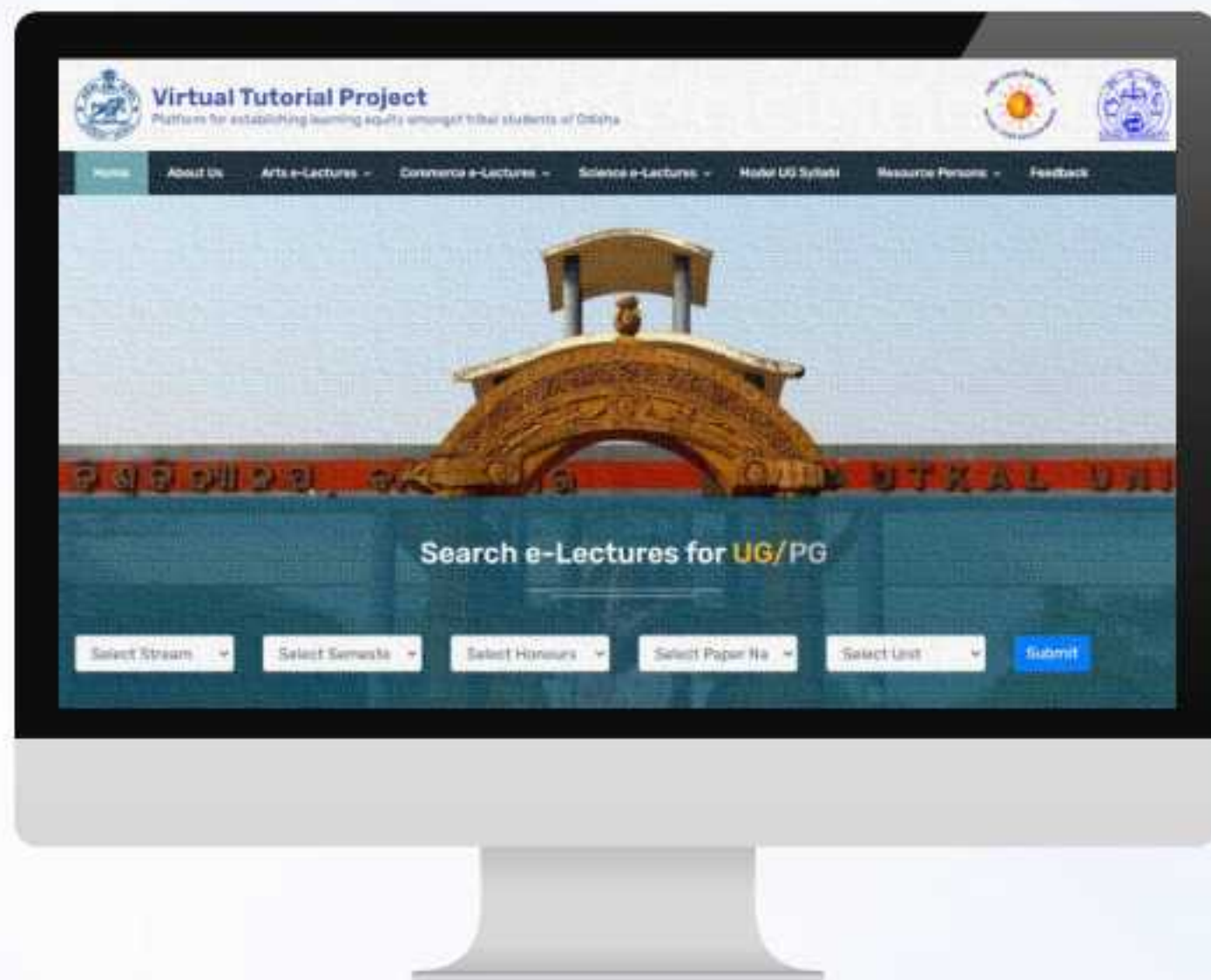


- ✓ **RSB:** Rajya Sainik Board web portal and Application.
- ✓ **e-Gazette:** Work flow based application.
- ✓ **Startups:** Startup approval App. and GIGW web portal.



- ✓ **CMS:** Dept. of Sports is coming up with the CMS
- ✓ **I3ms 2.0:** Dept. of Mines to upgrade I3ms 1.0.
- ✓ **E-Learning:** Dept. of Higher Education to upgrade VTP



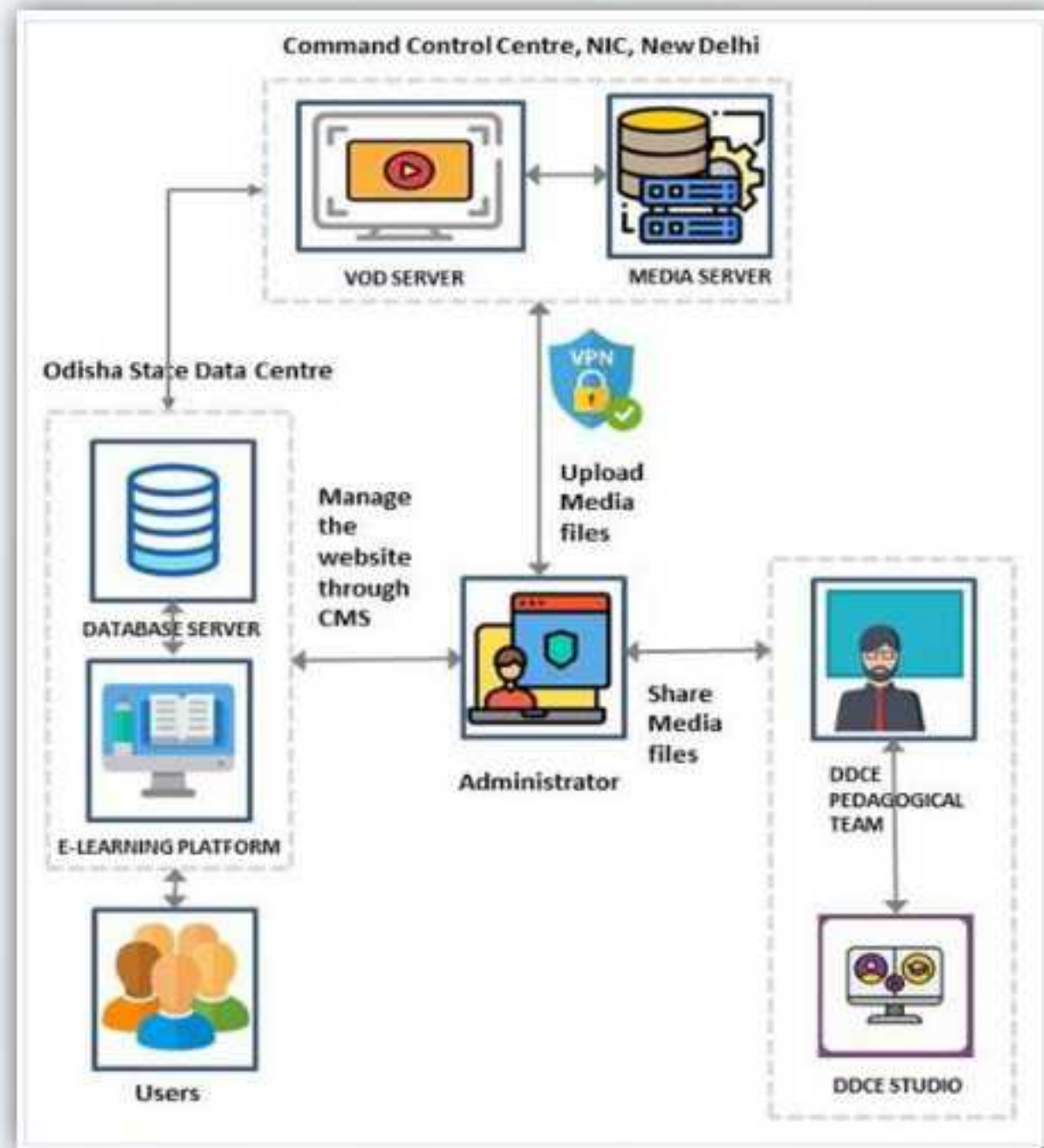


e-Lectures Portal (<https://vtputkal.odisha.gov.in>)
for undergraduate students of universities of Odisha.

A **VOD** server (video-on-demand server) is a specialized server that delivers video content over the internet. **HLS** (HTTP Live streaming) is a media streaming protocol used to deliver visual and audio media to viewers online. **OTT(over-the-top)** refers to the distribution model and **VOD**, on the other hand, refers to the consumption model.

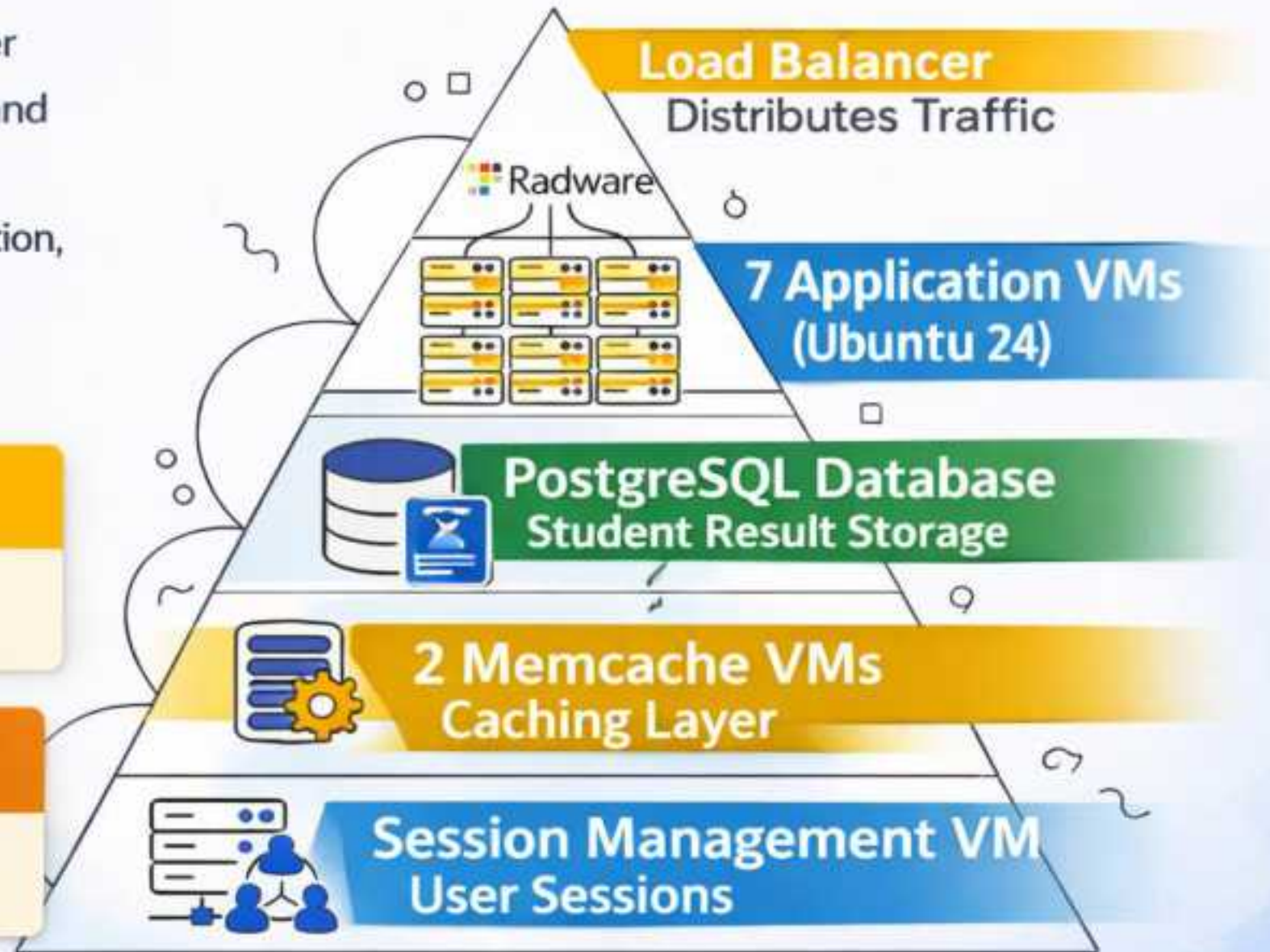


Visitors Statistics Across the World



Scalable, fault-tolerant architecture ensuring reliable student result delivery across Odisha.

NIC Odisha designed and deployed a robust multi-layer architecture at the State Data Centre with scalability and fault tolerance built into the platform by design. The system architecture ensured efficient workload distribution, optimized data retrieval, and uninterrupted service availability even under peak load conditions.



Ensuring scalability, reliability, and optimized performance at the State Data Centre



Automation of Local Fund Audit (ALFA)

Systematization of Audit workflow under Directorate of Local Fund Audit covering both pre-audit and post-audit work

13,924 numbers of institutions covered under annual audit purview and audit completed up to 2024-2025



Budget Execution Technique Automation (BETA)

Submission of online budget proposals by Administrative Dept.

One of the pioneer state in the country to adopt paperless eBudget during 2020-2021



College Accounting Procedure Automation (CAPA)

Web based application to deal with accounting details

Implemented in all the Aided Colleges under Higher Education Department, Govt. of Odisha



Automation of Small Savings Activities (ASSA)

Online lucky coupons generation under Small Savings Incentive Schemes.

Implemented in all districts under Directorate of Small Savings.



Odisha Central Audit Management Portal (OCAMP)

Online audit compliance of audit trail reported by AG, Odisha

Implemented in

- 40 Departments
- 182 Directorates
- 6,779 DDOs



Controller of Accounts, Odisha

Preparation of Pension Authorities and other post retirement benefits

All employees under State Government Aided Educational Institutions

Objective

- End-to-end digitization of audit processes,
- Paperless workflow with online collaboration
- Transparent and efficient audit administration



Key Achievements

- Audit reports preserved since FY 2012-13
- Digital audits with audit institutions.
- Improved transparency and reduced manual effort



Key Features

- Annual Audit Planning
- Online Audit Report Workflow
- Corrigendum Management

AI Roadmap / Enhancements

- AI-powered audit assistant
- Audit Online integration
- e-Gram Swaraj integration
- Complete digital surcharge module



Technology Stack

PHP

MySQL

Bootstrap

Apache

Ubuntu

Open-source technologies ensuring scalability and security

Objective

- Online pension authorization
- Provident fund services
- Digital document management
- Real-time application tracking



Features

- Online Pension Application
- Pension & Family Pension Processing
- Gratuity & Commutation
- Document Management
- Real-Time Status Tracking
- Mobile Friendly Services



Key Achievements

- Thousands of pensioners served
- Statewide pension authorization
- Centralized pension information portal



Future Roadmap

- RAG Based AI Chatbot
- Intelligent document search
- AI-powered citizen assistance
- Semantic search across pension rules



Technology Stack



PHP

MySQL

Bootstrap

JavaScript

Apache

Ubuntu

Built on robust open-source Technologies for scalability and security

E-Gazette Portal - Odisha

PROJECT: E-GAZETTE



FUTURE EXPANSIONS

AI-driven automation,
Multilingual support
Mobile App
Enhanced Security



KEY STATISTICS

Centralized platform for
Online Applications,
Secure Verification,
Digital Payments,
Gazette publication in
Odisha

The e-Gazette portal of the Government of Odisha, managed by Odisha Printing Press, Cuttack under Commerce & Transport Department, streamlines the process of publishing changes in name, surname, partnership details, and gender. It makes Gazette notifications more accessible and efficient for residents



FUNCTIONALITIES

- Enables online submission and processing of Gazette publication applications



SERVICES

- Provides digital gazette publication service for name/surname, partnership and gender changes



FEATURES

- Offers a secure, paperless, and transparent platform with online verification and payment facilities



Samabaya Sameekshya

Audit Automation

- Real-time Monitoring
- Online Audit Reports
- Audit Fees Management



CSSRCS

Cooperative Society Management

- Registration & Membership
- Elections & Amendments
- Dispute Resolution
- Complaints Handling



TLMS

Trade Licensing

- Online Applications
- License Renewal
- Status Tracking

Together, these platforms enhance transparency, efficiency, and accountability in Odisha's cooperative governance.

e-Governance Projects



Directorate of Industries,
Odisha (DI)



Directorate of Export
Promotion & Marketing,
Odisha (DEPM)



Directorate of Industries,
Odisha (DI)



Odisha Khadi & Village
Industries Board (OKVIB)



The Odisha Small Industries
Corporation Ltd.(OSIC)



Odisha State Financial
Corporation (OSFC)



Directorate of Export
Promotion & Marketing,
Odisha (DEPM)

Important Deliverables



Statistical Figures (01.12.2016 – 11.07.2026)

- 01** Total number of PCs issued in AIM 2.0 : 4461
- 02** Total Number of Micro Units in AIM 2.0 : 3302
- 03** Total Number of Small Units in AIM 2.0 : 1082
- 04** Total Number of Medium Units in AIM 2.0 : 77
- 05** Total Number of online Payments in AIM 2.0: 728
- 06** Total Registered MSM Units in DEPMOS: 723
- 07** Total EPM Registrations Issued in DEPMOS : 278
- 08** Total Fresh Rate Contracts Issued in DEPMOS : 50
- 09** Total Pre-Delivery Inspection Applications Processed in DEPMOS : 961
- 10** New Dynamic website for DI office
- 11** New Dynamic website for DEPM office

Integration with External Portals

- ❖ Creation of WhatsApp BOT for AIM 2.0
- ❖ Integration of AIM 2.0 with CMS(Central Monitoring System)
- ❖ Creation of WhatsApp BOT for DEPMOS
- ❖ WhatsApp BOT integration in ORMS.
- ❖ AIM 2.0 integrated with IFMS, Email & SMS
- ❖ DEPMOS integrated with IFMS, Email & SMS

Projects Under Development

- ❖ Auto-Appeal for AIM 2.0 Portal
- ❖ e-Appeal for AIM 2.0 Portal
- ❖ Auto-Appeal for DEPMOS Portal
- ❖ e-Appeal for DEPMOS Portal
- ❖ Auto-Appeal for ORMS Portal
- ❖ e-Appeal for ORMS Portal

Future Projections

- ❖ Odisha Tourism Investment & Incentive Management System (OTIIMS) of Tourism Department, Govt. of Odisha
- ❖ Land Documents Repository and Management System (LDRMS) of IDCO, Govt. of Odisha.



CEMSO

Digitizing Clinical Establishment Management in Odisha.



OCMR

Unified digital platform for Medical Practitioner Registration.



PC & PNDT Form F Application

Online submission, management and monitoring of PC & PNDT Form F.



Khusi+

Streamlining sanitary napkin distribution to girls and mothers.



Reimbursement Claim Management System

Digitizing medical reimbursement claim management for government employees.



CKD Registry

State-wide digital registry for CKD patient management.



Sickle Cell Patient Management System

Advancing the standard of care for Sickle Cell patients across Odisha.



PC & PNDT Form Management System

Digitizing submission and monitoring of all PC & PNDT forms.



Sickle Mitra Mobile Application

Awareness and support mobile app for Sickle diseased patients.



Unified Dashboard for Health Applications

Integrated dashboard for real time monitoring of all health application

Digital Health Transformation





CLINICAL ESTABLISHMENT MANAGEMENT SYSTEM (CEMSO)

Digitizing Clinical Establishment Regulation in Odisha



1. OBJECTIVE



End-to-End Digitization

Streamline and digitize the complete lifecycle of Clinical Establishments.



Statutory Compliance

Ensure strict compliance with the Clinical Establishments Act and ORTPS Guidelines.



Operational Efficiency

Improve systemic transparency, eliminate manual dependencies and reduce processing time



2. KEY FEATURES



Registration & Lifecycle Management

New Registrations, Renewals & Change Requests



Inspection Workflow

Scheduling and submission of inspection reports.



Licensing & Certificate Generation

Automated generation of digital licenses.



ORTPS Compliance Portal

Integrated tracking aligned with ORTPS Act with built-in auto-escalation mechanics.



Role-Based Workflows

Secure access controls tailored to departmental structures.



Dashboards & Analytics

Real-time monitoring and comprehensive reporting tools for administrative oversight.



3. KEY ACHIEVEMENTS



2,000+ Clinical Establishments Registered till this date



5 Lakhs+ Legacy Documents Migrated



100% ORTPS Compliance with Auto Escalation



4. FUTURE ROADMAP & AI INITIATIVE



OCR For Data Extraction



API-Based Document Verification



Intelligent Chatbot



Predictive Alerts



5. TECHNOLOGY STACK



PHP Laravel



MySQL



REST APIs



Bootstrap



Linux



Apache



Role-Based Access



ODISHA COUNCIL OF MEDICAL REGISTRATION (OCMR)

Unified Digital Platform for Medical Practitioner Lifecycles



1. OBJECTIVE



Unified Digital Platform

Seamless registration, management, and tracking of medical practitioners across the state.



Process Elimination

Replaced legacy manual processing with secure, real-time online verification and tracking.

2. KEY MODULES & SERVICES



Registration Lifecycles

End-to-end processing for Provisional, Permanent, and Renewal registrations.



Practitioner Updates

Online handling of Additional Qualifications and official Surname Changes.



Certificates & Clearances

Automated processing for Good Standing Certificates and No Objection Certificates (NOC).



Financial Integration

Fully secure Payment Gateway Integration.



3. CORE TECHNICAL ACHIEVEMENTS



20,000+
Medical
Practitioner
Registered



₹15 Crore+
Financial
Milestone



Anti-Forgery QR
Code Based
Certificate
Infrastructure



Real Time
tracking for
Transparency



4. FUTURE ROADMAP & AI INITIATIVES



OCR For Data Extraction



Fraud & Duplication
Prevention



Predictive Alert



Chatbot
Assistance



5. TECHNOLOGY STACK



PHP
Laravel



Linux



MySQL



Apache



REST APIs



Bootstrap



Role-Based
Access

64



KHUSI+ APPLICATION

Supply Chain & Lifecycle Distribution Tracking for Women's Health



1. Core Objective

Targeted Health Digitization

End-to-end digital monitoring of sanitary napkin distribution to school-going adolescent girls, paired with maternity belt logistics for eligible mothers.



Supply Chain Transparency

Structured, transparent and automated inventory visibility across all logistics tiers.



2. KEY MODULES & FUNCTIONAL ARCHITECTURE



Stakeholder Onboarding

Onboarding and managing distribution agents and verified manufacturers/suppliers.



Distribution & Logistics Tracking

Tracing of stock dispatches starting from regional production units to school level.



Inventory & Asset Management

Real-time buffer-stock calculation, expiration alerts, and shelf-life tracking.



Financial & Quality Controls

Integrated invoice generation, payment milestones and quality assurance checklist module.



Executive Dashboards & Reports

High-level interactive visualization panels mapping real-time KPIs.

SUPPLY CHAIN JOURNEY — END TO END VISIBILITY



Manufacturers / Suppliers



Regional Warehouses



Transit Hubs



Health Centers / Facilities



Beneficiaries (School Girls & Mothers)

3. Key Technical Achievement



Verified End-to-End Monitoring

Ensuring products go directly from high-capacity manufacturing lines to the hands of intended beneficiaries.



Data-Driven Decision Support

Stock utilization, distribution trends, supply gaps, and beneficiary coverage, supporting evidence-based planning and resource allocation.



Administrative Governance

Reduced manual paperwork and overhead costs, directly improving operational speed, institutional transparency.

Achievement (FY 2026-2027)



Maternity Belts Supplied to Warehouse
63,64,928+



Maternity Belts Supplied to Health Facility
9,73,659+

4. FUTURE AI OPPORTUNITIES



Predictive Inventory Optimization



Automated Stock Replenishment

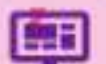


Geographic Distribution Analytics



Cross-Department Integration

1. CORE OBJECTIVES



Digitized End-to-End Reimbursement



Accountable & Rapid Settlement



REIMBURSEMENT CLAIM MANAGEMENT SYSTEM

AI-Enabled Digital Platform for Paperless Medical Reimbursement Claims



2. KEY MODULES & FUNCTIONAL WORKFLOW



Employee Intake & Registration



Online Claim Submission & Document Upload



Verification & Multi-Level Approval Workflow



Sanction Order & Claim Settlement



Executive Dashboards & Analytics

3. CORE TECHNICAL ACHIEVEMENTS



100% Paperless Reimbursement Engine



AI-Based OCR Document Processing



Smart Validation & CGHS/Government Rule Checkers



Centralized Secure Digital Repository



4. FUTURE ROADMAP & AI SCOPE



Advanced AI-Powered Prescriptive OCR



AI-Based Fraud & Anomaly Detection



Predictive Budget & Spending Models



Registration & Profile



Claim Submission



Document Upload



Verification



Approval



Sanction Order



Claim Settlement



SMS /Email Notification



Dashboard & Analytics



PC & PNDT FORM MANAGEMENT SYSTEM

Unified ultrasound Analytics Dashboard

1. CORE OBJECTIVE



Statutory Act Digitization
End-to-end digital implementation and compliance tracking under the PC & PNDT Act.



Unified Maternal Tracking Dashboard

A singular, consolidated platform managing all statutory documentation relating to pregnant women, explicitly covering Forms D, E, F, and G.



Regulatory Compliance

Transitioning manual inspection procedures into an agile, online submission and rigorous compliance framework.

2. KEY MODULES & FUNCTIONAL ARCHITECTURE



Statutory Reporting Modules

Tailored digital submission workflows for Form D, Form E, and Form F.



Periodic Compliance Monitoring

Generation of statutory Quarterly Reports at facility and district levels.



Facility



District



Operational Dashboard & Analytics

Executive data visualization and drill-down metrics for health department administrators.



Facility / Clinic



Online Form Submission



Centralized Database



Compliance Analytics



Health Department Monitoring

4. FUTURE SCOPE & INTEGRATION ROADMAP



Fraud & Anomaly Detection



Risk-Based Inspection Intelligence



Universal Health Stack Integration



Interoperable Ecosystem

5. AI ROADMAP (KEY INITIATIVES)



Anomaly Detection



Risk Scoring & Inspection Prioritization



Predictive Insights



Automated Alerts



Smart Dashboards

6. TECHNOLOGY STACK



PHP Laravel



MySQL



REST APIs



Bootstrap



Linux



Apache



Role Based Access



Secure & Scalable



3. CORE TECHNICAL ACHIEVEMENTS



Massive Medical Asset Onboarding

1,600+ Ultrasound (USG) clinics registered

2,000+ Ultrasound machines Registered



Large-Scale Data Digitization

12 Lakhs+



Enforced District Oversight

Enabling district authorities to monitor Form submissions pattern, clinic compliance and inspection action





CHRONIC KIDNEY DISEASE (CKD) REGISTRY PLATFORM

Digital Platform for Chronic Kidney Disease Screening & Patient Management



1. CORE OBJECTIVE



Centralized Digital Registry

Secure, centralized, state-wide digital registry to track patients diagnosed with or at high risk of Chronic Kidney Disease (CKD) across all healthcare tiers.



Village-Level Early Detection

Village-level screening, early identification, and clinical risk assessment to identify silent, asymptomatic renal decline.

2. CORE MODULES



Village Level Survey

Offline-capable household enumeration, risk assessment, and targeted community health mapping



Patient Registration

Capturing baseline demographics and medical history.



CKD Screening

capturing Blood Pressure (BP), Blood Sugar, Serum Creatinine, and automated eGFR calculations for staging.



Laboratory Module

Centralized laboratory test tracking, automated report uploads, and historical renal marker trends.



Treatment & Dialysis

Clinical diagnostic records, prescription builders, vascular access logs, and active dialysis cycle monitoring



Follow-up Engine

Automated workflows tracking outpatient visits, medication adherence, and longitudinal disease progression.



Mobile Application

Offline data capture tool with GPS stamping.



Analytics Dashboard

district-wise disease burden, screening coverage, staging distribution, and treatment compliance rates.

3. CORE Technical Achievement



Standardized State-Wide Registry



End-to-End Digital Workflow



Offline-First Field Capability



Automated Clinical Staging

PATIENT JOURNEY



Community Screening



Registration



Clinical Screening



Lab Testing



Diagnosis & Staging



Treatment / Dialysis



Follow-up



Analytics & Monitoring

4. FUTURE ROADMAP & AI INITIATIVES



AI Risk & Progression Forecasting



Personalized Recalls & Decision Support



National Integration & Compliance



National Dialysis Portal Sync

5. PLATFORM IMPACT



State-wide Coverage



Early Detection



Better Patient Outcomes



Data-Driven Decisions



1. CORE OBJECTIVES

CLINICAL PATIENT MANAGEMENT SYSTEM



Long-Term
Digital Care



Adherence
Tracking



Reduce Lost
Follow-Up Cases



Continuous
Follow-Up

SICKLE MITRA MOBILE APPLICATION



Patient & Community
Empowerment



Health
Education &
Awareness



Healthcare
Linkage



Caregiver
Support



3. CORE TECHNICAL ACHIEVEMENTS & SCALE



Integrated
National
Pipeline

Automated data
exchange with
National NSCEM
platform



Odia Linguistic
Localization

Automated
translation engine
for Sickle Card in
Odia & English



Active LTFU
Intervention
Registry

Live registry tracking
LTFU patients for
health worker
outreach



Real-Time
Regional
Dashboards

GIS mapping & clinical
progress dashboards
across all 30 districts
of Odisha

SICKLE CELL

PATIENT MANAGEMENT SYSTEM

&

SICKLE MITRA

MOBILE APPLICATION

Comprehensive Digital Platform for Treatment,
Counselling & Long-Term Care of SCD Patients
in Odisha



2. KEY MODULES & FUNCTIONAL ARCHITECTURE

CLINICAL PATIENT MANAGEMENT SYSTEM



NSCEM
API Sync



Treatment &
Therapy
Manager



Counselling
& Genetic
Registry



Lost Follow-Up
Alert

SICKLE MITRA MOBILE APPLICATION



NSCEM API
Sync



Adherence &
Care
Reminders



Community
Resources &
Locator



Education &
Awareness



4. FUTURE ROADMAP & AI OPPORTUNITIES

ABDM FHIR & DIGITAL HEALTH RECORD ALIGNMENT



Integrating ABDM standards, linking
diagnostic records directly to patient
health accounts (ABHA)

AI-BASED DEMOGRAPHIC DISEASE BURDEN PREDICTION



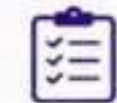
AI models to forecast SCD prevalence and
treatment demand across demographics for
targeted screening, resource planning & policy
decisions.



Community
Awareness



Screening &
Testing



Diagnosis &
Registration



Treatment &
Management



Counselling &
Education



Follow-Up &
Adherence



Better Outcomes &
Healthy Lives



Secure &
Scalable



Real-Time
Analytics



English to Odia
Translation



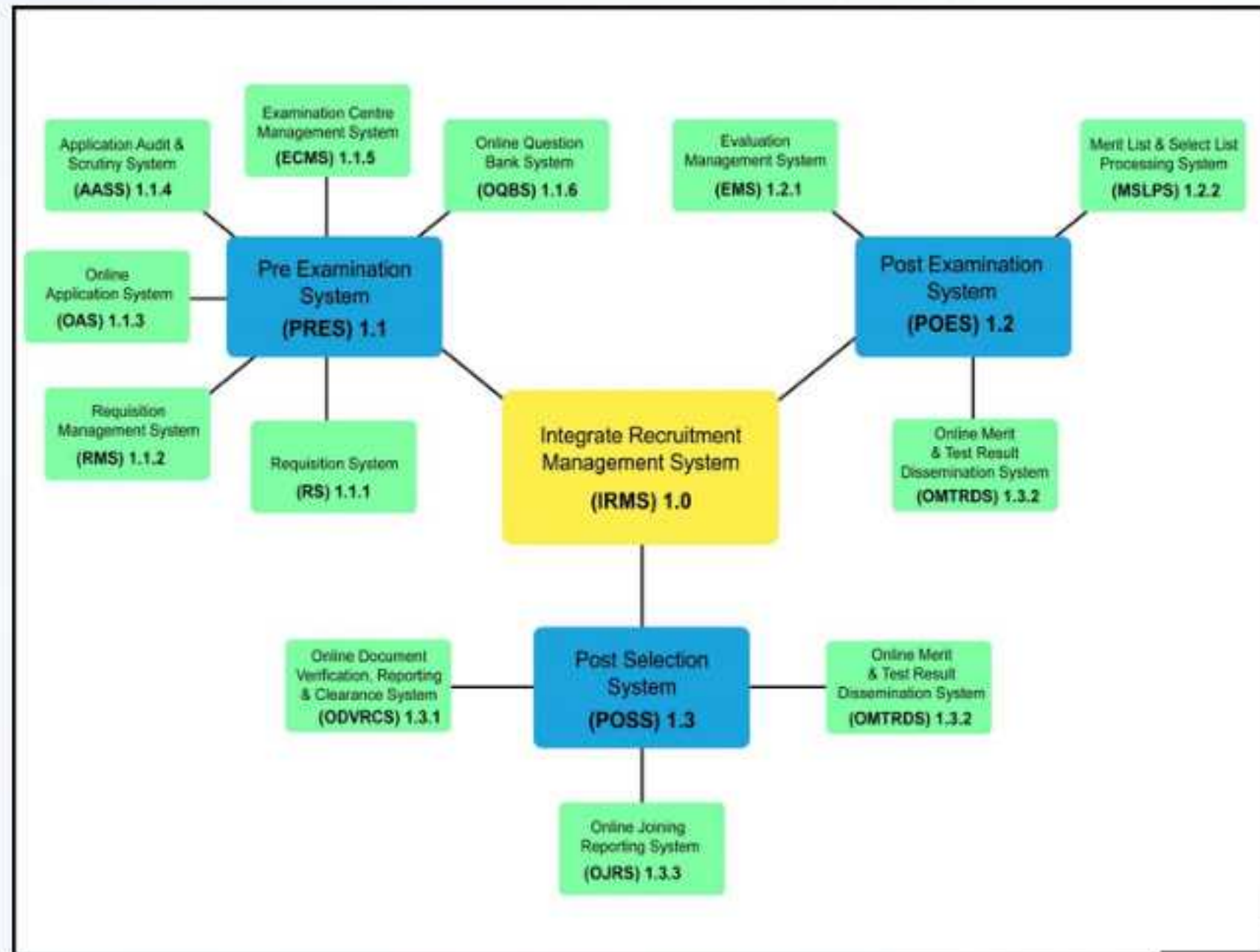
Mobile -
First



Interoperable
& Standards
Driven

Integrated Recruitment Management System (IRMS)

- The IRMS is a multilingual web application hosted on the Commission's portal. It provides an end-to-end automation solution for the entire recruitment lifecycle. The system comprises six modules for Pre-Examination activities, three modules for Post-Examination processes, and three modules for Post-Selection activities. Together, these modules enable seamless, end-to-end automation of the Commission's complete recruitment process, from candidate registration to final selection.
- It has been implemented at Odisha Sub-Ordinate Staff Selection Commission (OSSSC) for district cadre Gr-B and Gr-C posts
- Odisha Staff Selection Commission (OSSC) for State cadre Gr-B and Gr-C posts.
- Website are developed for OPSC and OUSSSC.



Integrated Recruitment Management System (IRMS)

Odisha Staff Selection Commission (OSSC)

Requisitions	: 13,371
Registration	: 10,75,562
Applications	: 19,80,062
Sponsored Candidates	: 45,949

Odisha Sub-ordinate Staff Selection Commission (OSSSC)

Requisitions	: 86,910
Registration	: 47,56,956
Applications	: 38,81,716
Sponsored Candidates	: 32,657

Odisha Public Service Commission (OPSC)

Requisitions	: 8,031
Registration	: 1,27,367
Applications	: 1,09,226
Sponsored Candidates	: 1,065

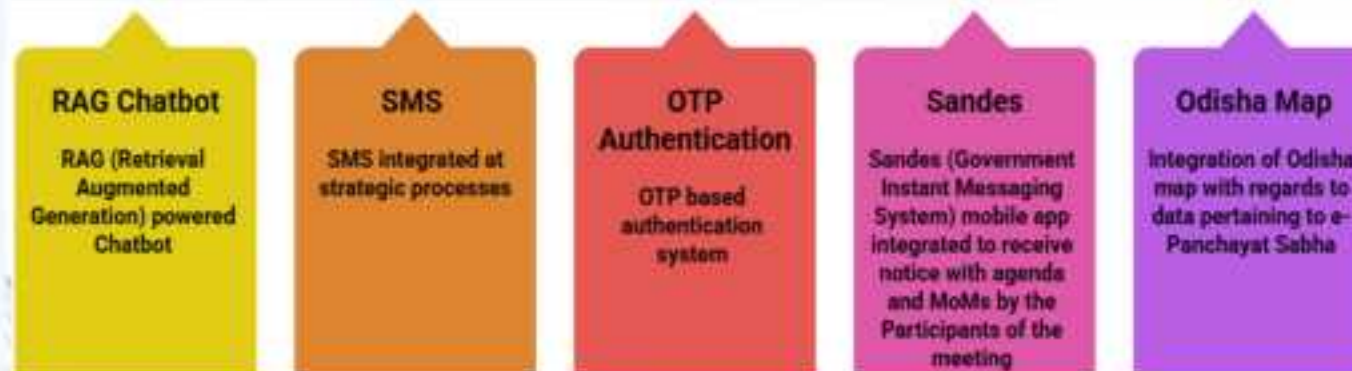
Odisha Uniform Serviced Staff Selection Commission (OUSSSC)

The commission is recently formed by the Government to cater towards recruitment for uniform-serviced posts & the web portal is under progress, security audit is completed and awaiting for launch.

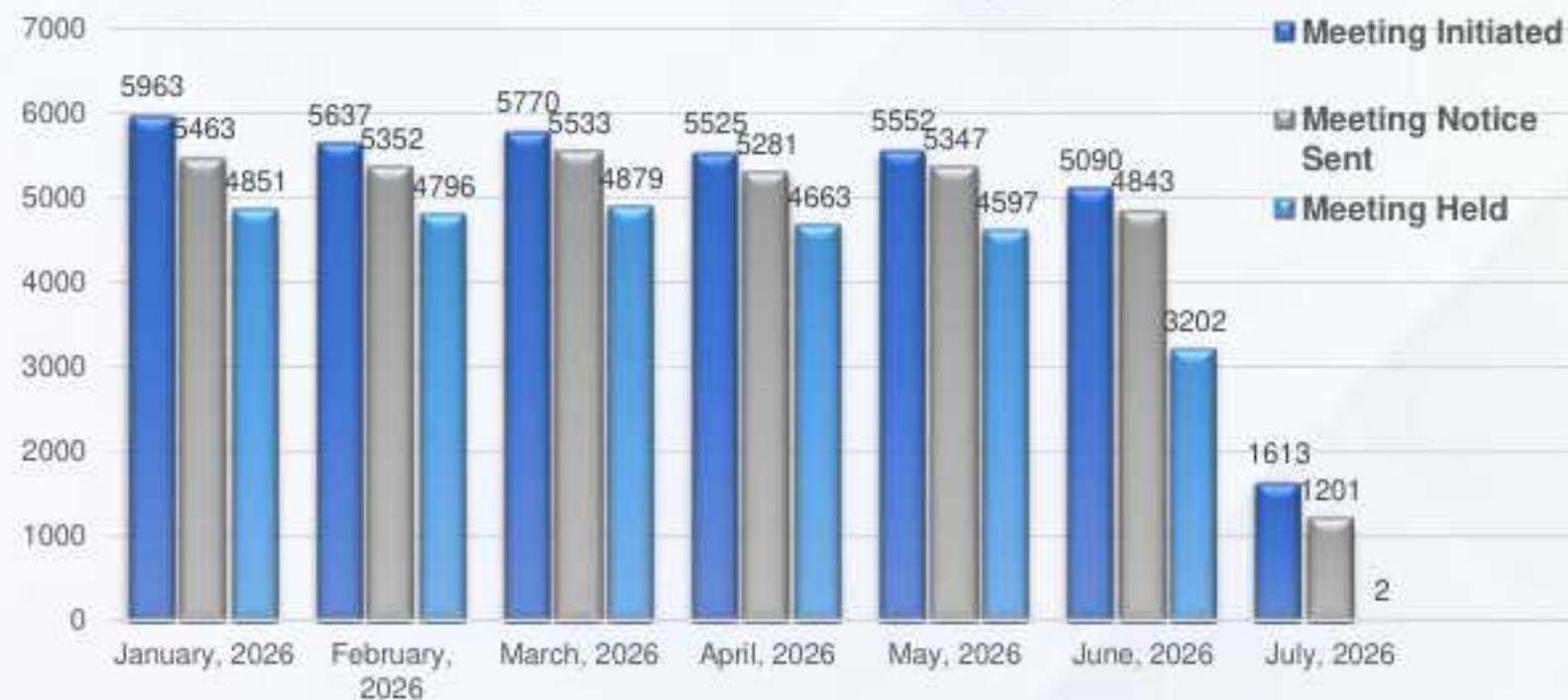
The IRMS to be implemented soon.





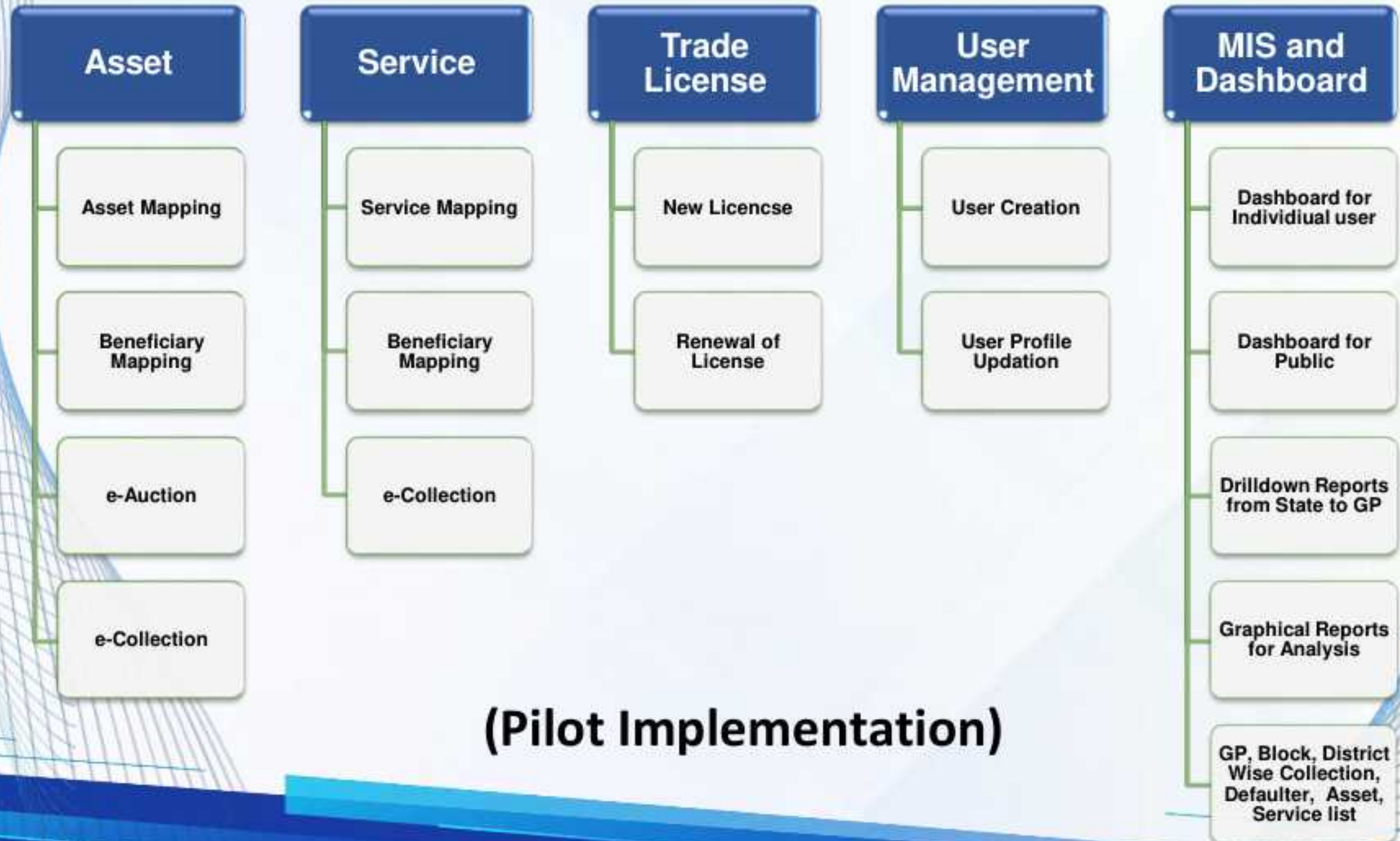


Abstract Report on Implementation Status of 6794 Gram Panchayats of Odisha (From Jan-2026 to July-2026)



<https://gramsewanidhi.odisha.gov.in>

Own Source Revenue



(Pilot Implementation)

<https://agodisha.gov.in>
Accountant General Of Odisha

(Accountant General of Odisha)

GPF

- Monthly GPF Data updation
- Annual GPF Data updation with Interest Rate
- GPF Statement Generation
- Fetching of GPF Statement from Digi locker
- Master Data Correction
- SMS to GPF user

Pension

- Tracking of Final Pension Approval
- Download Final Pension Authorities /Intimation

GPF

- Tracking of Final GPF Approval
- Download Final GPF Authorities /Intimation

User Management

- User Creation
- User Profile Updation
- Mobile Number Updation
- Grievance Monitoring
- Feedback from user

MIS and Dashboard

- Dashboard for Individual user

ANNUAL GPF STATEMENTS FOR ODISHA GOVT. EMPLOYEES ARE NOW AVAILABLE IN DIGILOCKER

01

Login to DigiLocker Account at <https://www.digilocker.gov.in/>

02

Select State as 'Odisha'

03

Go to Search Documents and select Statement-Office of the Pr. Accountant General (A & E), Odisha'

04

Fill up GPF Series, Account No, DOB and Statement Year

05

User will have GPF Statement Digitally

OFFICE OF THE PRINCIPAL ACCOUNTANT GENERAL (A & E) ODISHA, BHUBANESHWAR

Annual Statement of Provident Fund Accounts For The Year Ended 2017

Sl. No.	Particulars	Amount	Rate	Total	Balance	Remarks
1	Basic Pay	100000.00	12.50	1250000.00	1250000.00	
2	Dearness Allowance	50000.00	12.50	625000.00	625000.00	
3	House Rent Allowance	25000.00	12.50	312500.00	312500.00	
4	Medical Allowance	10000.00	12.50	125000.00	125000.00	
5	Gratuity	10000.00	12.50	125000.00	125000.00	
6	Leave Encashment	10000.00	12.50	125000.00	125000.00	
7	Interest on Deposit	10000.00	12.50	125000.00	125000.00	
8	Other Allowances	10000.00	12.50	125000.00	125000.00	
9	Contribution to PF	10000.00	12.50	125000.00	125000.00	
10	Other Deductions	10000.00	12.50	125000.00	125000.00	
11	Balance Brought Forward	100000.00	12.50	1250000.00	1250000.00	
12	Balance Carried Forward	100000.00	12.50	1250000.00	1250000.00	

Principal Accountant General (A & E) Odisha

Signature: _____

Date: _____

GPF Statement

Get your document by entering the required details

GPF Series:

GPF Account Number:

Year:

Date of Birth:

☐ I provide my consent to DigiLocker to store my details with the issuers for the purpose of fetching my documents.

Get Document

DigiLocker

Home

Issued Documents

Search Documents

Drive

Odisha

ALL

GPF Statement

Office of the Pr. Accountant General (A & E) Odisha

Sign In to your account!

Mobile Username Password

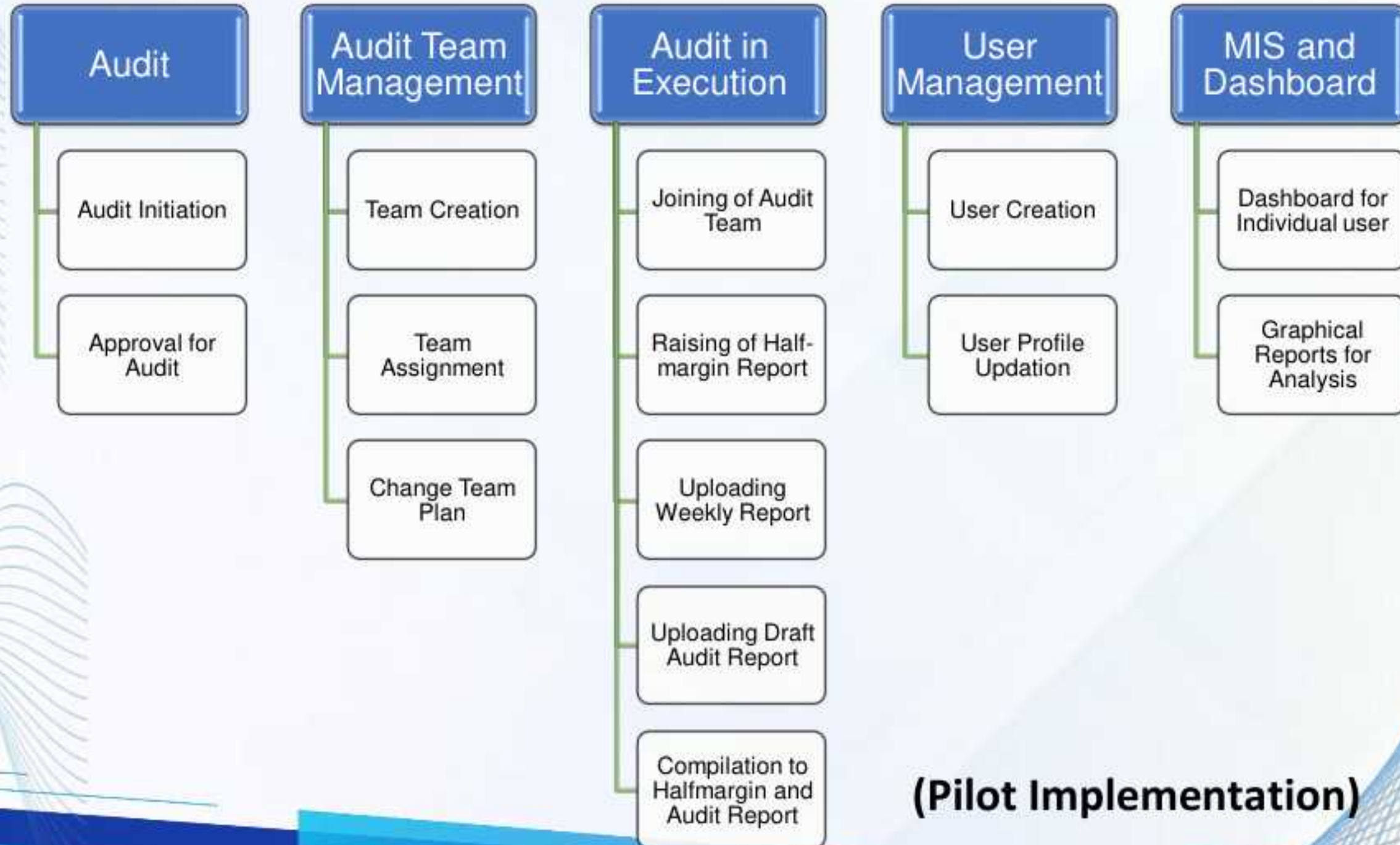
Remember me

Forgot Password?

Do not have an account? Sign up

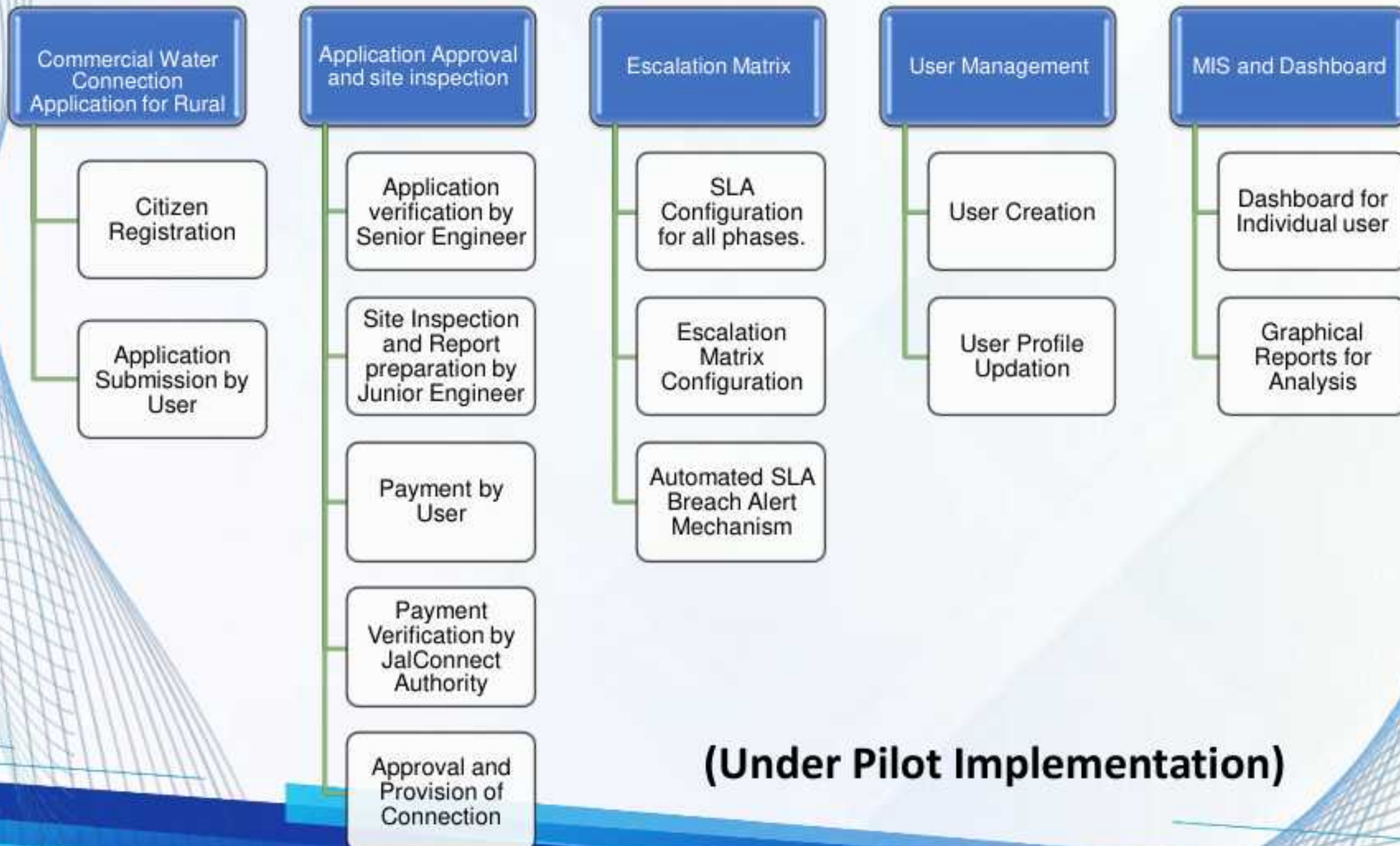
DigiLocker

<https://prsamikshya.odisha.gov.in>

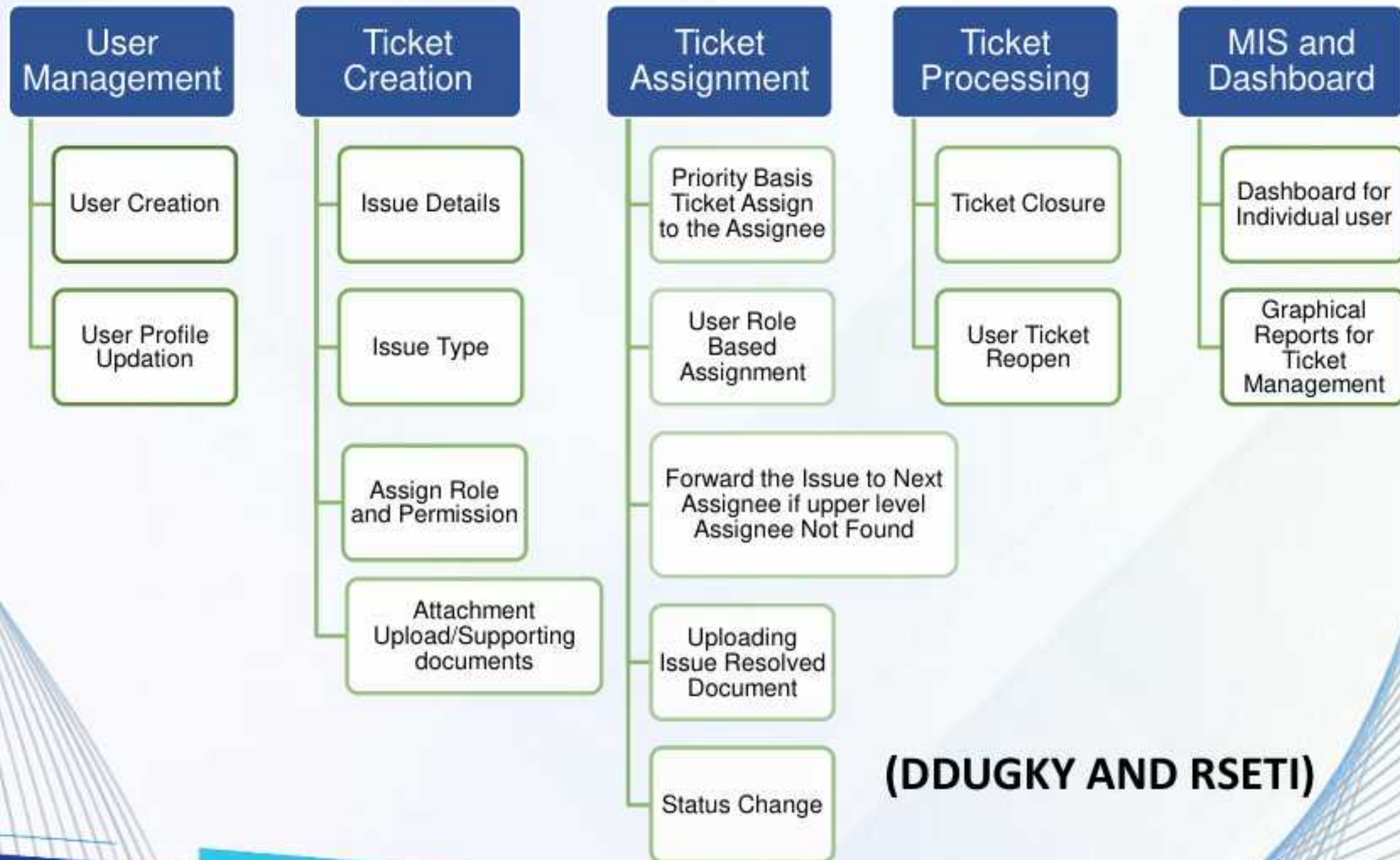


(Pilot Implementation)

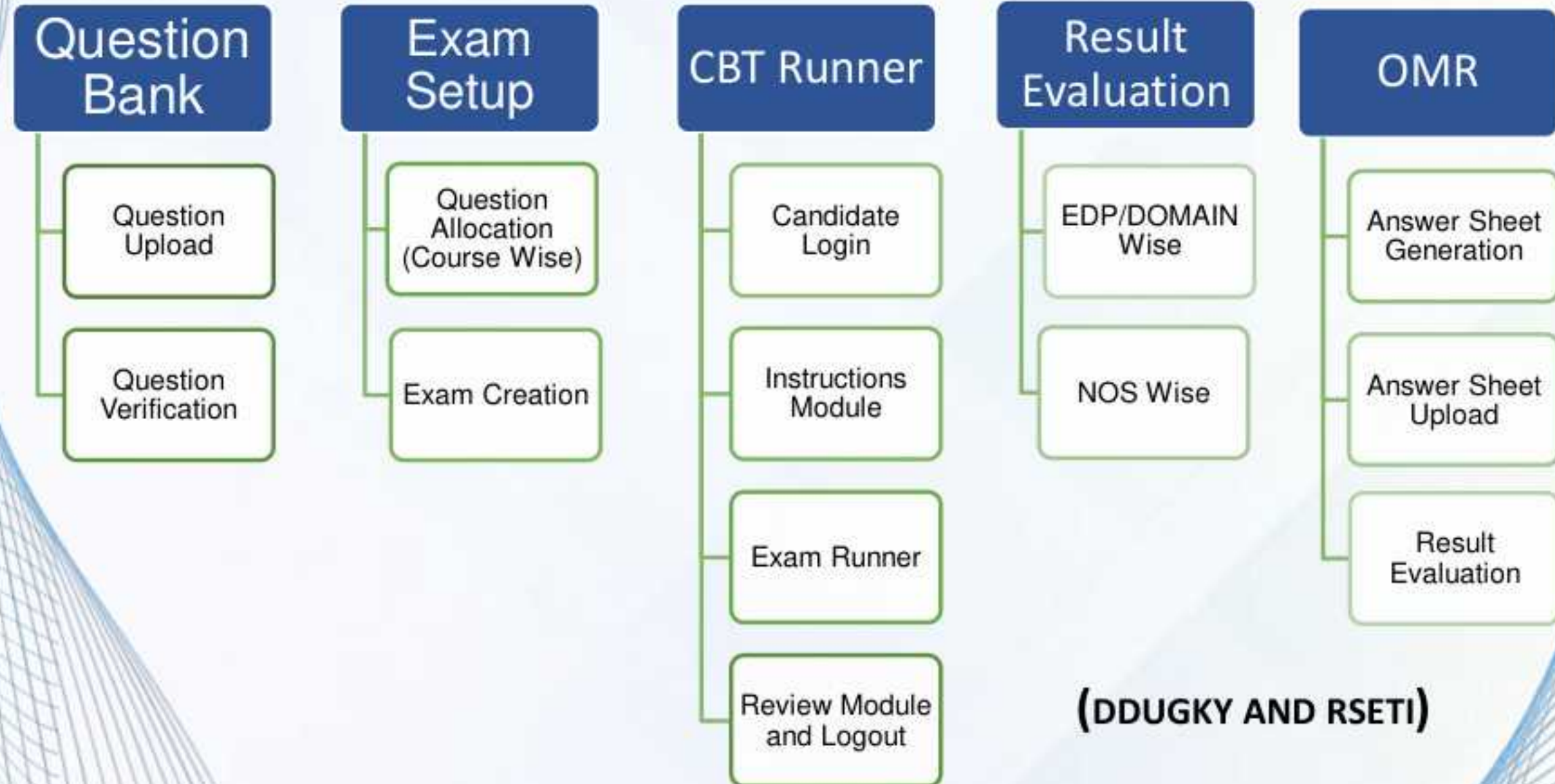
<https://jalconnect.odisha.gov.in/>



(Under Pilot Implementation)



(DDUGKY AND RSETI)



- Electronic APARs processing
- Centralized Database - Decentralized Administration
- Electronic Signing of APARs
- Delegation for Manual Processing
- APARs Integrated with eService Book

- Diarisation of Letters and File processing
- Dashboard view with Alerts
- Enhanced Scope Based Search
- MIS reports for Monitoring and Analysis
- Multilingual support
- Added Data security with DSC & eSign
- Interdepartmental File Exchange
- Records Management System
- Citizen Interface

- Online Service Book
- Efficient retrieval system
- Online form submission
- MIS reports
- Role based Access

- Create and Upload documents
- Integrated workflow on documents
- Document Security
- Versioning of documents
- Role based access to document folders

- Tour Approval Workflow
- Status of tour requests & tours conducted
- Online settlement of tour claims

- Leave Application
- Leave Approval
- Joining Report
- Leave balance and leave history
- Reduces workload of administrative staff



Odisha's Implementation Status

- **1000+** offices Implemented
 - ✓ 665 Govt. of Odisha
 - ✓ 394 State PSUs
 - ✓ 15 State educational Institutions/Autonomous bodies
- **10,466** Total no of users
- **2,89,923** e-files created.
- **52,54,135** electronic (eFile) transactions have been processed
- **60,22,274** receipt/letters

SPARROW

Smart Performance Appraisal Report Recording Online Window for all GOI Group-A officers (IAS, IPS, IFS, IRS etc.) across the state of Odisha.

A total of **17 eOffice instances** have been implemented across Odisha, comprising **14 independent instances(Govt. of Odisha)** and **3 shared instances(Govt. of Odisha)** and **4 independent Government of India organizations**.

Independent eOffice Instances (14)(Govt. of Odsiha)

- Industrial Promotion and Investment Corporation of Odisha (IPICOL)
- Odisha Mining Corporation (OMC) **& 16 Field Offices**
- Centre for Modernizing Government Initiative (CMGI)
- Odisha State Food Commission
- Shree Jagannath Temple Administration (SJTA)
- Odisha Police Housing & Welfare Corporation **& 8 Field Offices**
- Panchayati Raj Department (*SIRD, SECO, ORMAS & OLM*)
- Office of the Chief Resident Commissioner, New Delhi(RC, Odisha)
- Collectorate, Jagatsinghpur.
- Collectorate, Khordha.

Shared eOffice Instances (3) (Govt of Odsiha)

- Public Sector Undertakings (PSUs)
- Educational Universities
- Government of Odisha Departments

Government of India Independent Instances(4)

- Biotechnology Research Innovation Council (BRIC) & 15 Institutes.
- AIIMS, Bhubaneswar
- Institute of Physics (IoP)
- IISER, Berhampur

Sl. No.	Department	No. Of Users	E-File	E-Receipt	E-File Movement	E-Receipt Movement
1	CMGI	83	1031	14588	51544	965811
2	RC Odisha	47	633	14265	26126	132578
3	Educational University	1907	21397	120941	437157	67826
4	Govt. of Odisha	3384	16670	63384	291951	2316990
5	IPICOL	96	1041	21408	28287	301829
6	Jagatsinghpur Collectorate	2090	93872	523790	1354022	8625827
7	Khordha Collectorate	371	891	1851	4392	3398
8	Odisha Minning Corporation	1191	17713	433197	527852	2333988
9	Odisha Police Housing and welfare corporation	310	12362	2865525	400714	4566853
10	Odisha State Food Commission	26	933	14963	39064	404655
11	Panchayati Raj Department	281	1776	18647	34178	65894
12	Public Sector Unit	2617	23048	103011	440902	37257
13	Shree Jagannath Temple Administrative	132	3560	30174	133286	16318
14	Biotechnology Research and Innovation Council(Govt. of India)	1334	67806	117753	804816	48927
15	AIIMS, Bhubaneswar, (Govt. of India)	1000	21875	167960	640595	7294786
16	IISER, Berhampur, (Govt. of India)	250	4429	7711	31582	85071
17	IOP, Bhubaneswar, (Govt. of India)	100	856	905	7667	9075
TOTAL		15219	289923	6022274	5254135	27277083

Central project

(Under Implementation)



GOVERNMENT CONSUMER MANAGEMENT SYSTEM (GCMS)

Over view :

- Government Consumer Management System (GCMS) is a workflow-based hybrid portal (both web and mobile) to provide the consumers of Panchayati Raj & Drinking Water Departments, Govt. of Odisha a unified channel to verify and pay the multiple electricity connections of Gram Panchayats at the DISCOM-division level (TPCODL (for Central Odisha) , TPSODL(for Southern Odisha) , TPNODL (for Northern Odisha) , TPWODL (for western Odisha))
- Both portal and app are seamlessly integrated and have been developed to help GCMS user for performing various activities like bill verification, bill payment and disputed bill clearance in a hierarchical access-based manner.
- Together, they encompass the entire electricity bill management lifecycle drilled down till the individual consumer level.
- GCMS application further integrated with eGramSwaraj web portal of Ministry of Panchayati Raj for payment of electricity bill through eGramSwaraj.

GPs using GCMS



■ GPs using service ■ GPs yet to use service

An amount of Rs 103.75 Crore have been paid through GCMS-eGramSwaraj Interface till 07/07/2026 .



Video documentary on functionalities of Government Consumer Management System (GCMS)

e-Counselling is a one-stop solution that provides end-to-end technical support and services toward a hassle-free transparent admission process in Technical and Academic Institutions across the country.

Courses Admission

OJEE (<https://ojee.nic.in/>)

- B.Tech Courses (B Tech, B Arch, B Plan, Int MSc, BCAT)
- B Pharmacy
- LE Tech, LE Pharmacy, L.E B.Sc
- PG Course (MBA, MCA, M.Tech, M.Arch, M.Plan, M.Pharma)
- MBBS/BDS
- BHMS/BAMS
- Master in Homeopathy, Ayurveda

DMET (Nursing) (<https://dohodisha.nic.in/>)

Directorate of Medical Education & Training

- ANM, GNM, Basic B.Sc Nursing, PB BSc, MSc, PB DIPLOMA



Department of Persons with Disability (Ministry of Social Justice & Empowerment) (<https://admission.svnirtar.nic.in/>)

- CET Courses (Bachelor in Physiotherapy, Occupational Therapy, Prosthetics & Orthotics, Audiology & Speech Language Pathology)
- PGET Courses (Master in Physiotherapy, Occupational Therapy, Prosthetics & Orthotics)

Regional Institute of Education (RIE) (<https://cee.ncert.gov.in/>)

- B.Sc. B.Ed (Secondary)
- B.Sc. B.Ed (Middle)
- B.A. B.Ed (Secondary)
- B.A. B.Ed (Middle)



eCounselling Pravesh Mitra Mobile App
(Android)



Rank/Score: NEET, JEE Main, OJEE, NIMCET, GATE, GPAT, AIAPGET, CAT, XAT, CMAT, MAT, ATMA

Key statistics Counseling

OJEE	Nursing	SVNIRTAR	RIE
BTech Apply=53322 LE Apply=30809 PG Apply= 12113 Coming up Next MBBS, BPharm, MPharm, BHMS/BAMS	ANM/GNM Apply=12541 PBBSC/MSC/PGDIPLOMA Nursing Apply=513 BASIC BSC Nursing Apply=6592	CET Apply– 15581 PGET Apply– 1516	RIE Admission Apply-24554 RIE Counselling Apply-1572



NIC Applications

Daily update on Revision of Electoral Roll [Form 9, 10, 11, 11A, 11B]

Daily law and order, violation of MCC, seizure by SST, FS, Income Tax, Excise reporting [workflow]

Polling personnel deployment using randomisation [3 stages] as per ECI guidelines

Counting personnel deployment using randomisation [3 stages] as per ECI guidelines

Police Personnel Deployment using Randomization [2 stages] as per ECI guidelines

Election Commission of India



ECI Applications

ERO-NET (Electoral Roll Management),

EMS (EVM Management System)

SUVIDHA (Filing of nominations and issue of permission)

NGSP (National Grievances Service Portal)

cVIGIL (Complaint on violation of MCC, investigation, and its redressal)

ETPBS (Electronically Transmitted Postal Ballot System)

ENCORE: Publish the voter turnout results of AC and AS.

Election Commission of India

OSEC

Workflow based application for filing Nominations

Scrutinization,

Withdrawal,

Rejection or Approval,

Allocation of symbols and Publishing final list.

Odisha State Election Commission

Key Statistics

Conducted 3-Tier PRI Election-2022,

Simultaneous General Election-2024,

Bye-Election, 2025 for 71-Nuapada A.C



KEY PERFORMANCE STATISTICS

4.72 Cr+

Applications Received

4.52 Cr+

Applications Processed

₹42.34 Cr+

Revenue Collected

96.16%

Processing Rate

REACH & COVERAGE

30

Districts

317

Tehsils & Blocks

2,712

RI Offices

17

Departments

78

e-Services Live

ANALYTICAL DASHBOARD — PERFORMANCE METRICS

89.25%

Delivery Rate

Real-time

ORTPS Compliance

18.3 days

Avg. Processing Time

42 days

Max. Processing Time

Hourly

API Data Ingestion

About: 77 e-District services under the ServicePlus framework spanning Revenue & Disaster Management, Energy, Horticulture, Health, Higher Education, High Court and OUAT departments — operational since 28th Dec 2019 across all 30 districts, delivered through 317 Tehsils/Blocks and 2,048 RI Offices, with integrations to DigiLocker, IFMS, SBI ePay, CSC e-Wallet, eTaal and e-Sign.

eDistrict Odisha — Empowering Citizens

ST/SC Scholarship Portal

- Online verification of Income, Residence, SC, ST, OBC & SEBC certificates
- Real-time exchange of application numbers & certificate details
- Proactive detection of fraudulent / duplicate cases

Ama Sathi WhatsApp Bot

- Secure API-based integration delivering Govt. of Odisha services directly to citizens' mobile phones
- New user registration, application submission & status tracking
- Authenticated & encrypted API communication

Mobile Application (Flutter)

- Cross-platform access to Income, Residence & Caste Certificates
- Document upload/scanning with image optimisation & PDF generation
- Real-time status tracking with secure token-based authentication

Ama Shasana Integration

- Intermediate integration app capturing citizen feedback
- Secure API-based exchange of service utilisation data
- Enables service quality assessment & evidence-based improvements

Technology Stack

Spring Boot

PostgreSQL

Thymeleaf

jQuery

Chart.js

REST APIs

Departments Onboarded

Revenue & DM

Energy

Horticulture

Skill Dev.

Health & FW

Higher Edu.

High Court

OUAT

School & Mass Edu.

Auto Appeal feature is implemented in Revenue & DM, Energy, Health & FW, and Horticulture

Governance & Security: Role-based access control across 17 departments with hourly automated API-driven data ingestion; measurable insights support administrative decision-making, transparency assessment and real-time ORTPS compliance tracking on the Analytical Dashboard.

GIS-Enabled Disaster Resource Management Platform — odrn.nic.in
OSDMA / NIC Odisha

"Every Life is Precious"

30
DISTRICTS

314
BLOCKS

317
TEHSILS

6,794
GRAM PANCHAYATS

51,346
VILLAGES

22
DEPTS / ORGS / FORCES

16,974
OFFICES ONBOARDED

1,52,644+
HUMAN RESOURCES

1,62,279+
EQUIPMENT RECORDS

36,992
INFRASTRUCTURE UNITS

WHAT ODRN DELIVERS

- Enables Disaster Management Plans from State to Village level, focused on resource mobilisation across Mitigation, Preparedness, Response & Recovery
- Live GIS map with resource plotting, proximity (km/m radius) search & district-wise drill-down
- Role-based data entry & monitoring for State, District, Block and Department officers
- Real-time MIS dashboards for HR, Equipment, Infrastructure & Facility readiness
- Facility Type Management — dynamic facility categories
- GIS Layer Management — map-based decision making
- Data Transfer & Migration — data integrity across facilities
- Facility Maintenance Tracking — repair & condition monitoring

PLATFORM & TECHNOLOGY

- Architecture: Spring Boot, jQuery, PostgreSQL (normalised schema, optimised queries)
- Deployment: Apache Tomcat with NGINX load balancer for high availability
- Custom GIS layers with real-time spatial visualisation via NICMAP / Bharat Map APIs
- Configurable Facility & Repair-Maintenance modules; workflow-driven data validation
- Launched by Hon'ble Minister, Revenue & Disaster Management, Govt. of Odisha — a State priority programme

Village-Level Module —ODRN

41

DATA MODULES

6

SECTIONS

61

SUB-MODULES

9

USER ROLES

10

RESPONSE TEAMS

EN / OD

BILINGUAL UI

State to Village

5-LEVEL LGD HIERARCHY

Spring Boot 3.2

JAVA 17 / POSTGRESQL

IndicTrans2

AUTO EN↔ODIA TRANSLATION

Village Summary

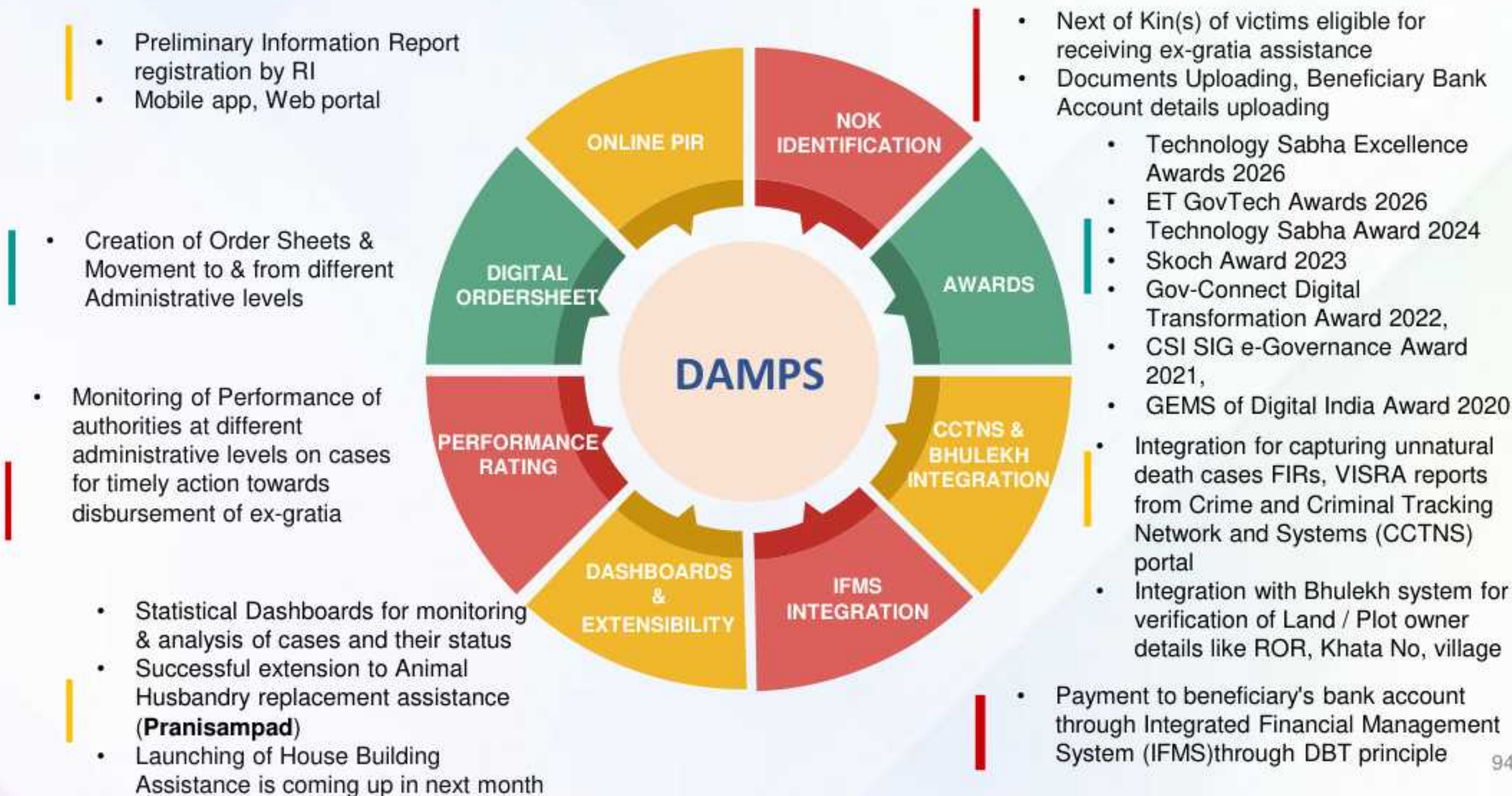
6 SECTIONS AT A GLANCE

- About Village (16) — demography, land, crops, animals, water, migration, financial institutions
- Vulnerability & Capacity (6) — disaster history, hazard zones, vulnerable persons
- Skill & Resource Analysis (6) — shelters, storage, SHGs, safety zones
- Preparation Plan (4) — mock drills, awareness activities, VDM readiness
- Mitigation Plan (5) — contacts, short & long-term measures
- Action Plan (10) — 10 disaster-response teams, phase-wise duties

WAY FORWARD — STRATEGIC ROADMAP

- Real-time GPS/Rfid resource tracking & mobilisation dashboards
- Early Warning System integration with weather platforms
- Mobile app for field reporting with offline access
- Inter-departmental sync — Health, Rural Development, Police, Fire Services
- AI-driven predictive analytics & district-wise readiness scoring







Drowning

Cases: 14204
Amount: ₹ 439.08 Cr



Snakebite

Cases: 8471
Amount: ₹ 262.60 Cr



Lightning

Cases: 2186
Amount: ₹ 66.69 Cr



Boat Capsize

Cases: 48
Amount: ₹1.44 Cr



Flood

Cases: 41
Amount: ₹ 0.96 Cr



Cyclone

Cases: 18
Amount: ₹ 0.28 Cr



Heavy Rain

Cases: 44
Amount: ₹ 0.68 Cr



Whirlwind

Cases: 62
Amount: ₹ 1.16 Cr



Fire Accident

Cases: 1572
Amount: ₹ 47.46 Cr



Landslide

Cases: 16
Amount: ₹ 0.48 Cr



Heat Wave

Cases: 324
Amount: ₹ 0.88 Cr

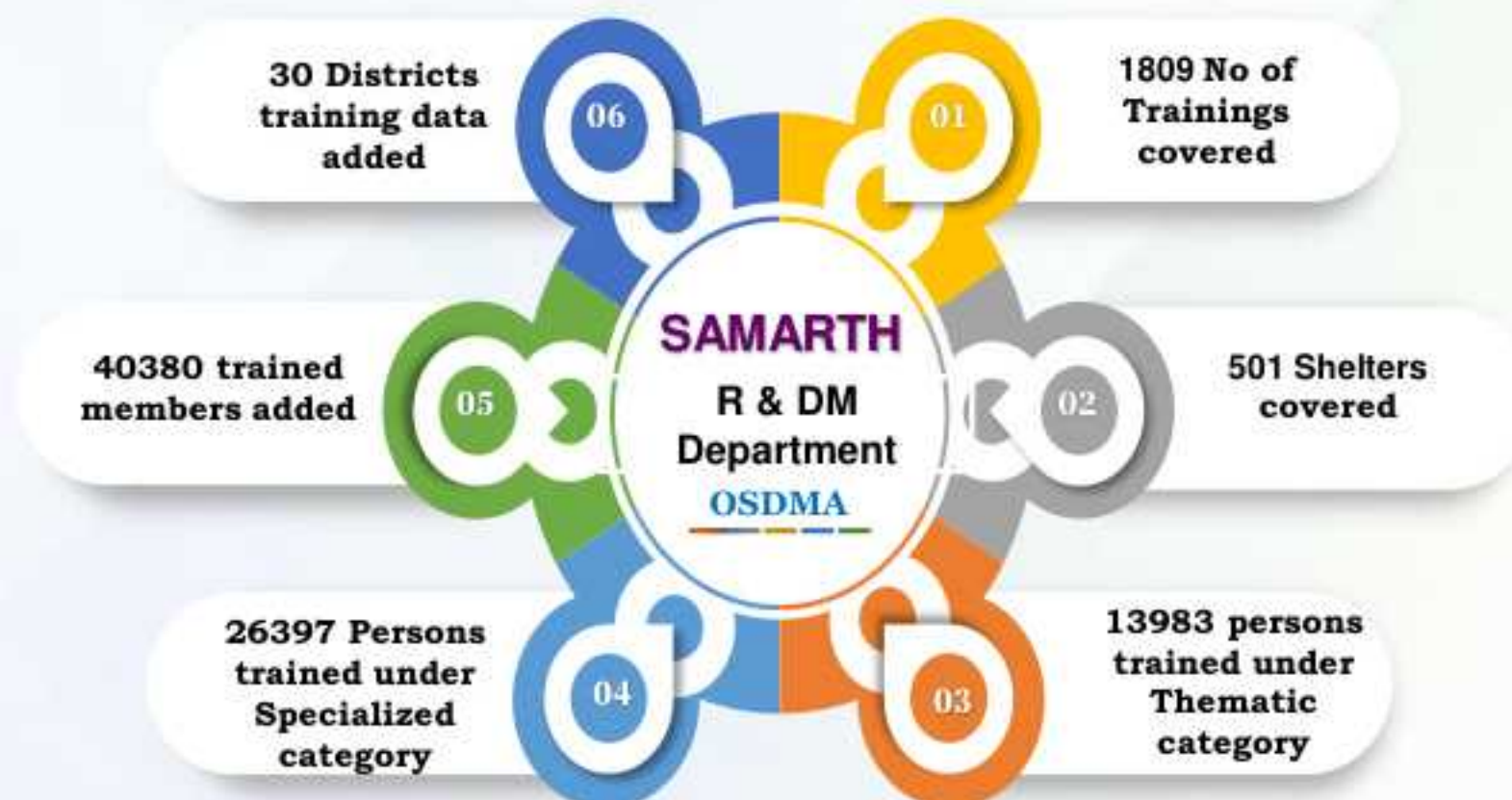
State Abstract

Total Cases: 23000+
Total Beneficiaries: 19800+
Total Amount: ₹ 822.10 Cr

SAMARTH acts as a digital platform for dashboard based monitoring of training and capacity building activities conducted towards various disaster management operations during natural disasters and manpower mobilization activities

Features

- ❖ Provision for coverage on
 - Shelter level Training Programme, Apada Mitra Training Programme, Specialized Departmental training Programme
 - Departmental Training Programme
 - ODRAF Training Programme
 - Trainer of Trainees (ToTs) and Master Trainers Training Programme
- ❖ Participant data addition and updation
- ❖ Integration of GIS maps
- ❖ Online training certificate generation
- ❖ Secured Access & role based authorizations
- ❖ Management dashboard and charts
- ❖ Implemented in state OSDMA office and 30 districts of Odisha
- ❖ e-Sign, aadhaar integration and digital certificate to be implemented in future
- ❖ Departmental requirement based monitoring reports to be developed after requirements freezing by OSDMA



Jalamana is aimed to carry out the collection, compilation and scrutinization of the water quality test samples related to Raw water, Production Well, Tube well, Distribution systems & Water Treatment Plant and to disseminate the water quality information to public through web sites, SMS, mobile Apps, Dashboards etc. It helps the government to improve the water supply system to provide safe and hygienic drinking water.

Functional Roles

- Water Quality Sample collection and testing by PPP mode laboratories, Jalasathis, departmental Engineers, WTP officials
- Dashboards, statistical Charts & Graphs for Departmental Official
- SMS, Mobile app based notification to engineers

Key Features

- Sample plan, Collection & receiving, test result entry, approval, reports submissions
- Mobile Apps for entering sample collection data from water sources
- Periodical Reports at Division level/ State level
- Dashboards on daily, weekly, monthly, yearly statistics
- GIS Map based views

Coverage & Statistics

- 930 Jalasathis Engaged
- 16 Divisional laboratories working in PPP mode
- 1 lakh+ water samples collected every month
- 2 lakh+ tests conducted every month
- WTP Officials & Field Engineers involved in testing & Report submissions

Success Story

- Technology Sabha Award 2025
- Implemented in 21 Divisions & 230 Sections, 116 ULBs of Odisha including WATCO & PHEO
- Replication to other states of India

Harischandra Sahayata Yojana (HSY) — Chief Minister's Relief Fund (CMRF)



Harischandra Sahayata Yojana

Financial assistance for last rites of a deceased person — disbursed to Panchayats / ULBs / Swargadwar, Puri via cashless transaction against payment already made to relatives.



Chief Minister's Relief Fund (CMRF)

Online public donations collected since 2017 via net banking, credit card, debit card and UPI.

VITAL STATISTICS — AS ON JUNE 2026



1,99,813

CMRF Total Donors



Rs 386.40 Cr

CMRF Amount Collected

Rs 386,40,27,407



11,90,590

HSY Beneficiaries Covered



Rs 318.47 Cr

HSY Amount Reimbursed

Rs 318,46,61,257

DELIVERABLES | IMPLEMENTATION STATUS

Proposed Technical Workflow & Way Forward



Delivers: Aadhaar-based identity assurance • Fewer fraudulent / duplicate claims • Centralized real-time death registry • Transparent fund disbursement • Seamless inter-departmental data exchange

TASKS COMPLETED

- Gazette Notification issued & published
- AWW master data furnished by WCD Dept.
- Mobile app developed (sans Aadhaar auth) & demonstrated to Department



Critical Dependency

Aadhaar Authentication is a core functional requirement. Final development, integration and deployment are contingent on availability of the Aadhaar Authentication Kit.

PMMVY 2.0 (Pradhan Mantri Matru Vandana Yojana)



Technical Point of Contact Responsibilities:

- Manage onboarding of field functionaries: AWW/ASHA, Supervisors (LS), Sanctioning Officers (CDPO), and District Nodal Officers.
- Implement APIs developed by IFMIS Odisha and ensure it is properly consumed by PMMVYsoft MIS Odisha.
- Facilitate seamless data exchange between PMMVY soft MIS and IFMIS systems.

Unified Mission Vatsalya Portal



Support for State Crime Records Bureau:

- Police Station Profile Management.
- Police District and District Mapping.

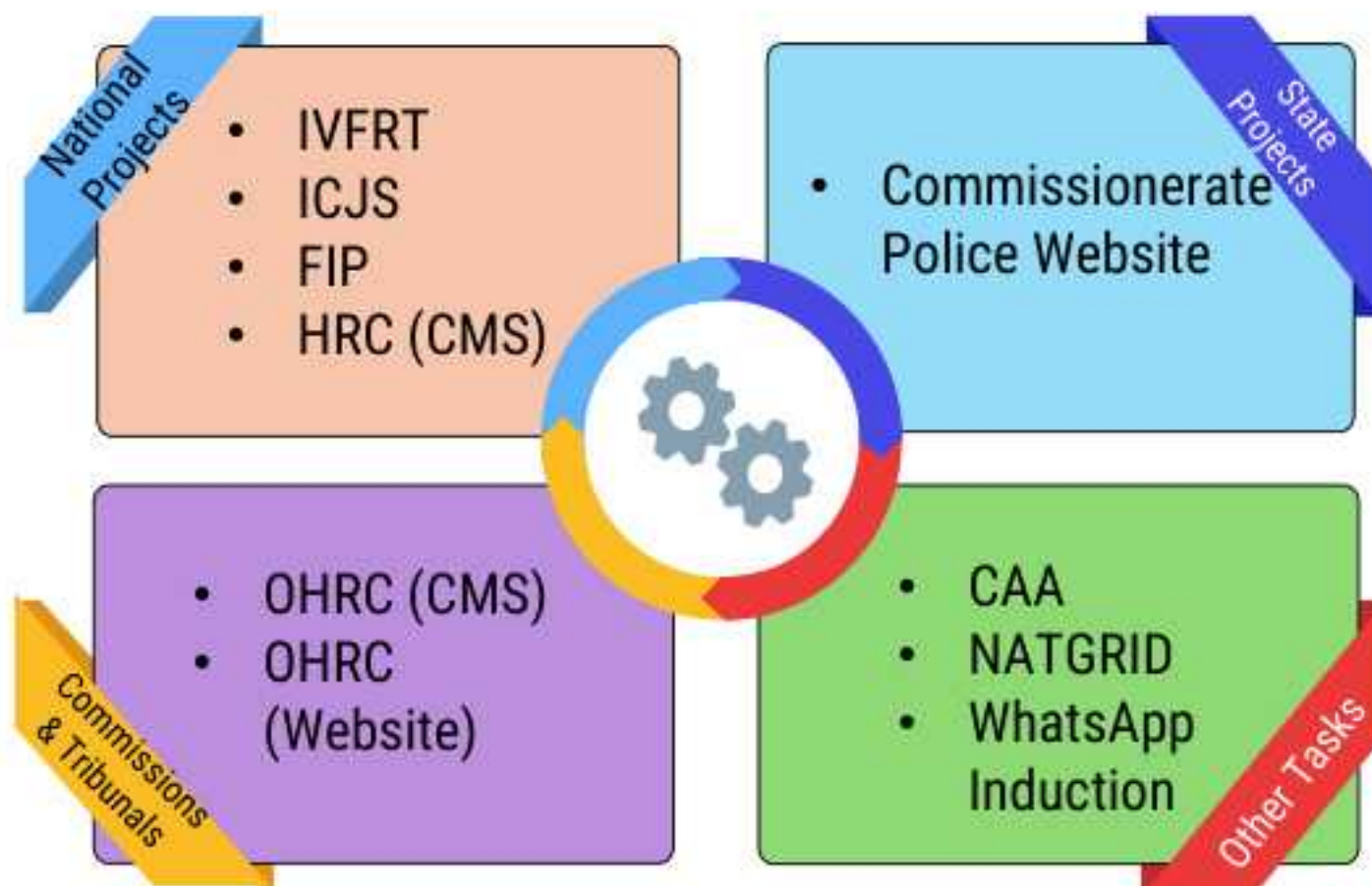
Enable Special Juvenile Police Units:

- Online Missing Child Entry.
- Online Recovery Entry.

Technical Assistance:

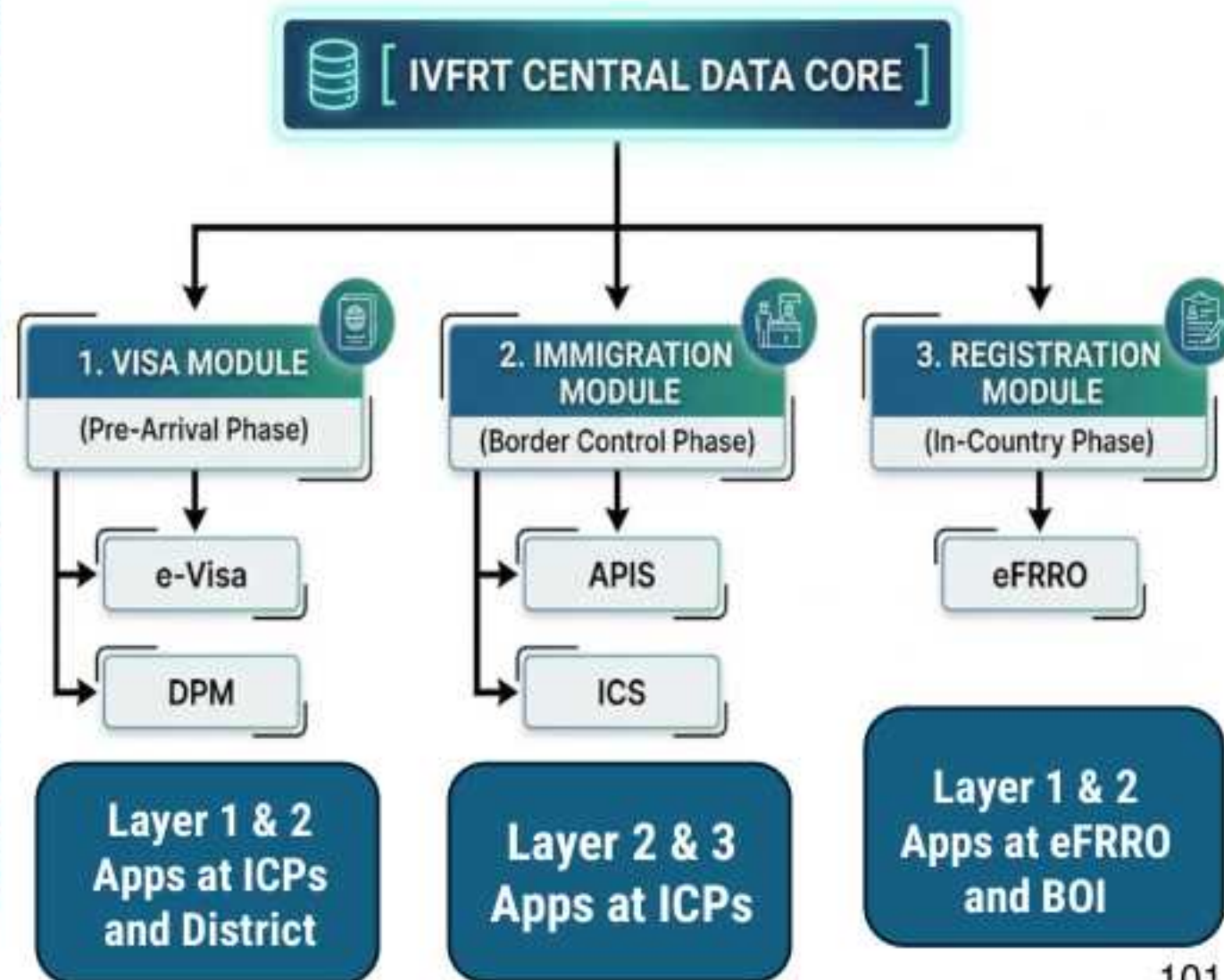
- Support CDPOs for effective portal usage and troubleshooting.

Projects



IVFRT

Immigration, Visa and Foreigner's Registration & Tracking



Stakeholders



Objectives



National Security



Centralized Border Control



Traveller's Profiling



Ease of doing Business

Integrated service delivery framework to facilitate legitimate travellers ensuring high level of security

Indian Missions
Abroad: **200 +**
Covered

Immigration Check
Posts: **114+**
(Air, Sea, Road, Land & Rail)

FROs
850+ districts in
States/UTs

FRROs
12

APPROVED BY CCEA FOR MHA

Key Features



Uniform visa issuance process and information dissemination channel

Authentication of traveller by use of Biometrics and intelligent document scanners

Improved passenger experience through Identity and access management technologies

Improved tracking of foreigners by near real-time information sharing with security agencies

Automated passenger profiling through backend defined business rules

Secured and real-time channel for information sharing and dissemination With the all stake holders.

171
Countries

5+ –Seaports

Odisha State

1 – Airport
2- Sea Port

Approx
1.27+ Crore
e-visas
issued (Since
Nov 2014)



100%
Automation of
Visa Services



90+ Crores
Passenger
Immigration



30 minutes
Time taken for clearance
of passenger aircraft

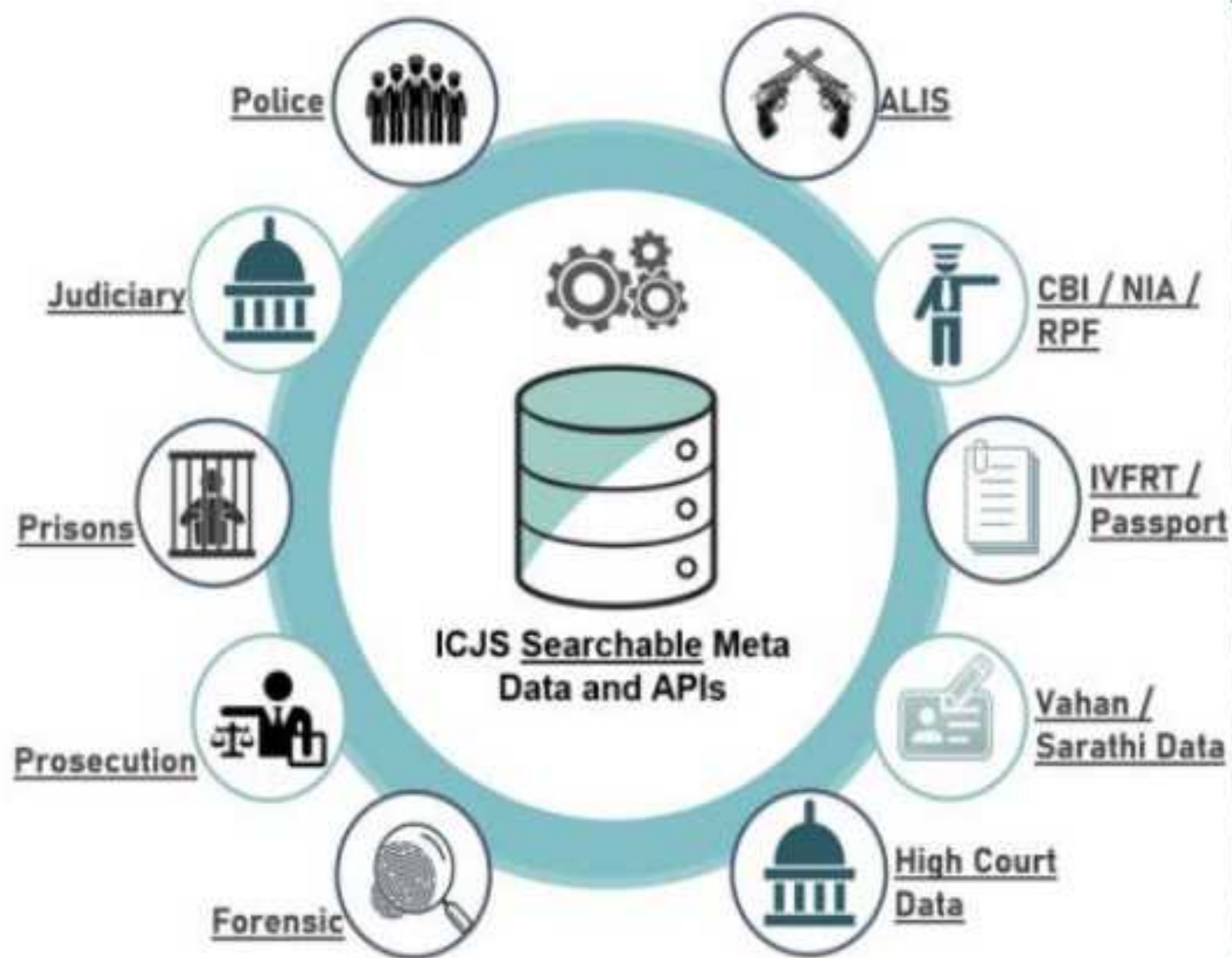


1-2 minutes
Avg time for passenger
clearance reduced 1-2
minutes

MAJOR APPLICATIONS

01	Centralized Visa System		11	Immigration Control System (ICS)	
02	Prior Reference Checks (PRC)		12	Advance Passenger Profiling system	
03	Foreigners Registration Track		13	Overseas Citizenship of India (OCI)	
04	C Forms		14	Sri Kartarpur Sahib Application	
05	S Forms		15	e-FRRO	
06	Blacklist (BL)		16	Indian Citizenship(IC) Online	
07	Deportee Management		17	Nationality Status Verification (NSV)	
08	CONSPROM		18	District Police Module (Search & View)	
09	Unique Case File (UCF)		19	Foreigners' Identification Portal (FIP)	
10	Biometric Enrolment and Verification				

Stakeholders



Pillars



ICJS Platform is an initiative to enable seamless transfer of data and information among different pillars of the criminal justice system.

Key Features :

- 1 One Data Once Entry
- 2 PAN India Search
(Cross Domains)
- 3 Mini Statement
(Comprehensive docket of a Case)

- 4 Criminal Network Visualization and Photo Tracker
- 5 Antecedent Verification
- 6 Dashboards for each Domain
- 7 Monitoring Tools
(ITSSO, NDSO & POCSO)

Status as on 31st December 2025

CCTNS (Police)			
Year	FIR	Chargesheet	Districts/ Police station
2021	1.55L	1.52L	38/592
2022	1.78L	1.73L	38/604
2023	1.99L	1.89L	39/636
2024	2.14L	1.63L	39/636
2025	2.24L	7.08k	39/636

Search Tracker		
Year	Total Searches	Total Users
2024	55.61k	153
2025	1.00L	284

CIS			
Year	Total Cases	No. of Courts	Disposed Cases
2020	1.92L	204	88.5k
2021	2.55L	212	1.14L
2022	2.78L	212	1.14L
2023	2.52L	209	73.43k
2024	2.45L	194	55.64k
2025	Not sync		

FORENSIC			
Year	Cases	Centers	Dispatched
2020	34.06L	152	2.01k
2021	34.06L	152	3.25k
2022	34.06L	152	57
2023	34.06L	152	3
2024	34.06L	152	59
2025	34.06L	152	8

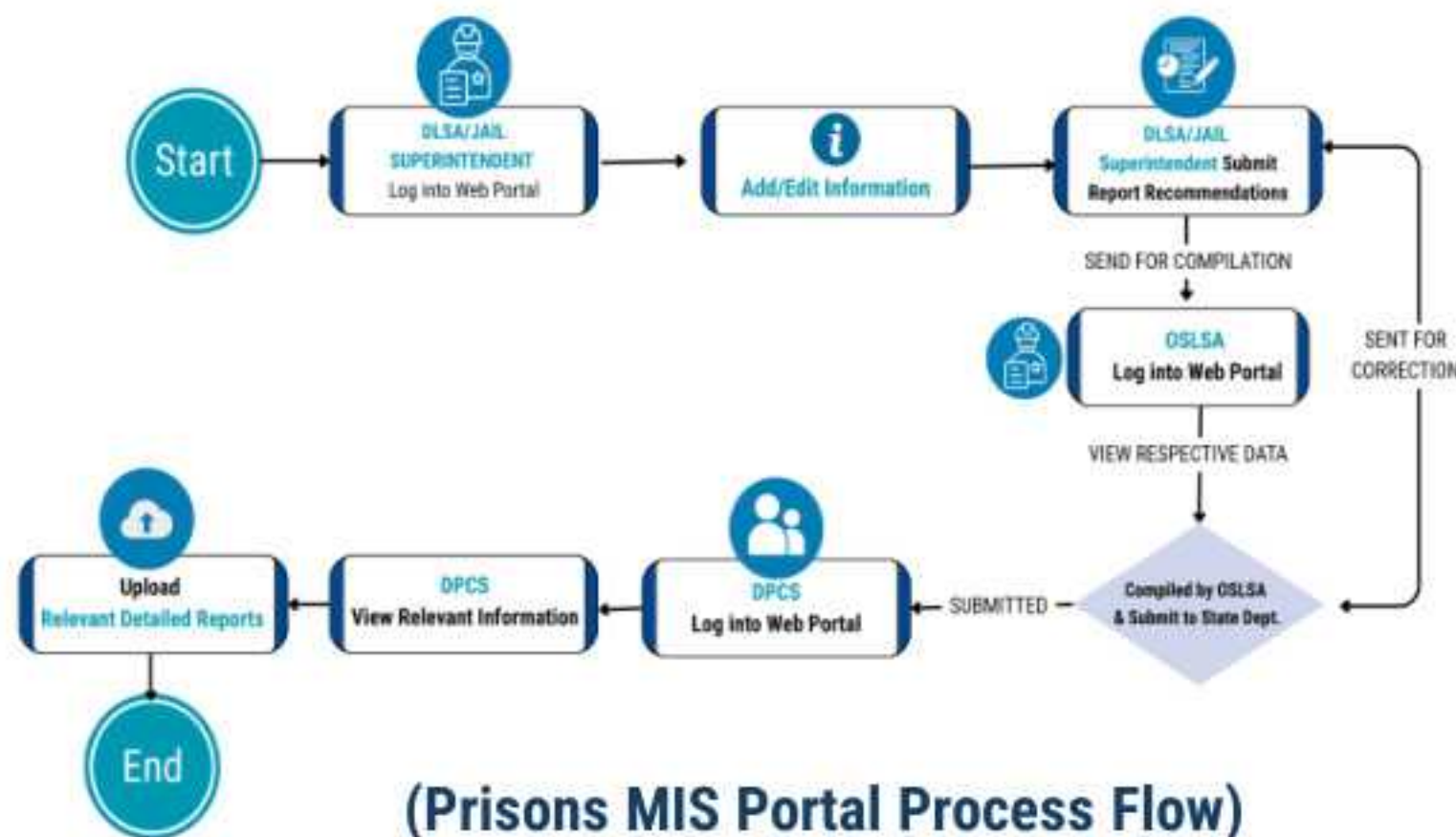
PROSECUTION				
Year	Proceedings	Legal opinion	Court Affairs	DUTR Entries
2020	1.86k	0	488	1.39k
2021	35.42k	32	35.55k	29.08k
2022	56.14k	0	54.40k	17.19k
2023	7.45k	0	4.82k	11.58k
2024	3.32k	0	3.14k	8.41k
2025	13.79k	9	13.34k	29.01k

Prisons website and MIS portal



<https://prisons.odisha.gov.in>

Key Features : CMS website with AI-chatbot | MIS Portal



e-Prisons

National Prison Information Portal (NPIP)

- Centralized data about prisoners across the country
- Prisoner Management System
- Visitors Management System (e-Mulakat)
- Legal Aid Management System
- Video Conferencing Facility for Courts and Family

Jail details: Total Circles-7 Jails-87 District Jails-17
Spl. Jails-6 Sub Jails-54 Women jail-1 Open Air Jail-1

Total Inmates 18909	Male 18321	Female 584	Transgender 4
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<https://eprisons.nic.in>

FIP - FOREIGNERS IDENTIFICATION PORTAL

Launched in 2018 to facilitate nationality verification and subsequent deportation of illegal migrants.

CORE FUNCTIONS

-  Capturing Demographic Data
-  Capturing Biometrics
Finger prints & facial data (through NCRB Setup)



If nationality is verified, MEA will unplate travel document on FIP, State can download the same and initiate deportation.



PROCESS BENEFITS



- ✓ Ensures transparency
- ✓ Paperless operations
- ✓ Timely completion of process

5-STEP PROCESS



Visit: <https://identification.mha.gov.in/>

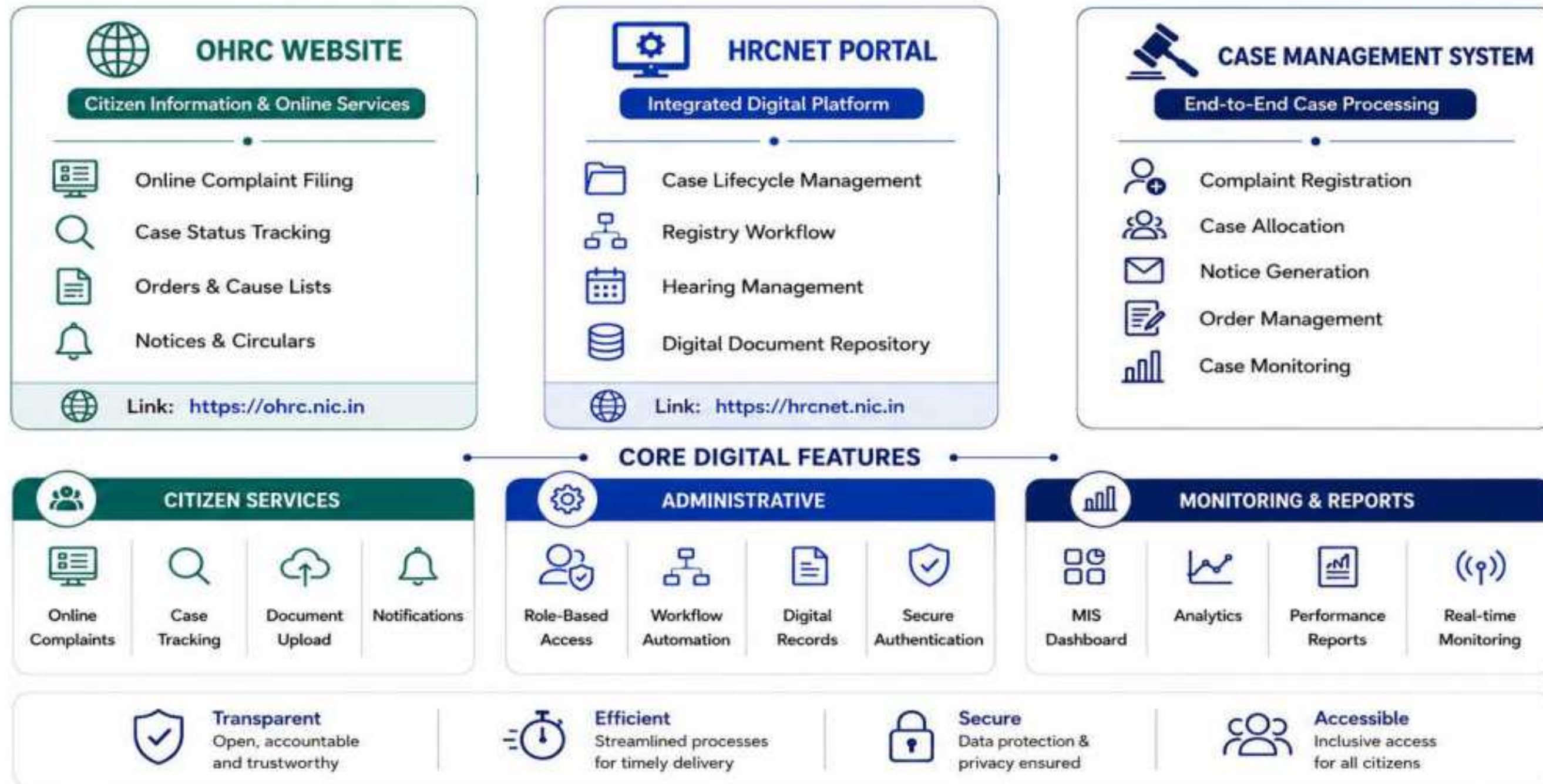
FIP PORTAL STATUS

(as of 01/01/2026)



	Total Applications 82
	MEA Verifications 5
	Land Border Deportations 77

OHRC - ODISHA HUMAN RIGHT COMMISSION



Citizenship Amendment Act (CAA)

SPECIAL PROVISION



Religious Minorities from
**Pakistan, Afghanistan
and Bangladesh**

APPLICATION PROCESS



Apply
Online

Submit
Application

Document
Verification

DLC
Verification

Approval &
Citizenship
Certificate

STATISTICS AS ON DECEMBER'2025

1	Total No. of Applications	1173
2	Selected option 10 for Schedule 1A	548
3	Total No. of applications scheduled	974
4	Document verification	107
5	Applications forwarded to DCO	91
6	Applications sent by DCO for Deficiency	37
7	Applications responded for Deficiency	7
8	Applications received Citizenship	56

DISTRICT LEVEL COMMITTEE (DLC)



District Level
Scrutiny & Verification

STATE LEVEL EMPOWERED COMMITTEE (SLEC)

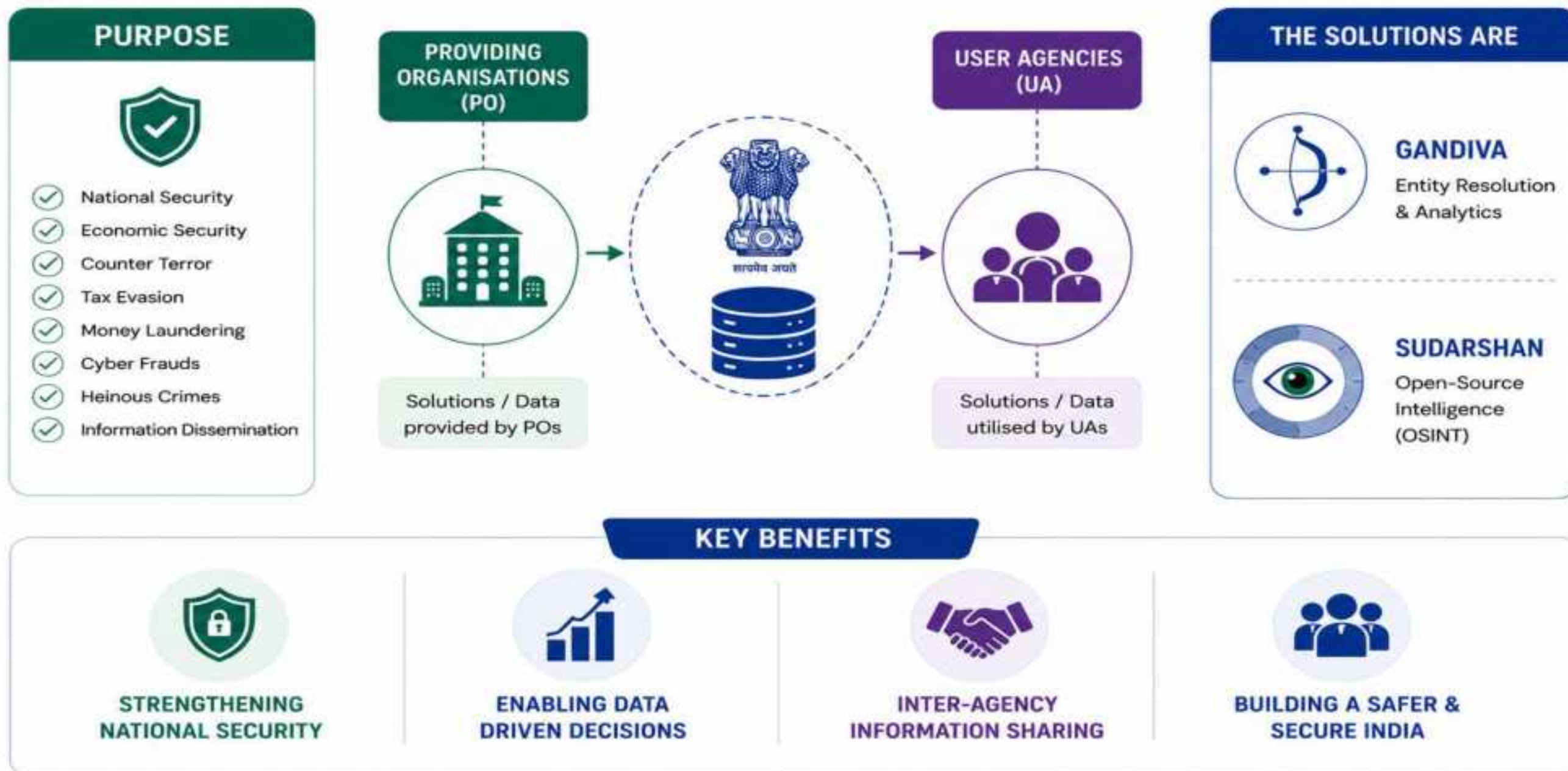


State Level
Approval



**Hon'ble Chief Minister of Odisha,
Shri Mohan Charan Majhi**
distributed citizenship certificates to 35
migrants on 11/12/2025

NATGRID - National Intelligence Grid



REGISTRY HUB



Manages case listings



Manages document uploads



Manages registry queries



Equipped with Neutral Citation system



Equipped with Advocate Information system

HIGH COURTS CIS 1.0

TOTAL CASES / VOLUME



Total Cases Filed

1,896,057



Cases Successfully Disposed

1,730,245



Total SMS Dispatch Logs

1,417,104

ONLINE e-FILING SYSTEM



- Secure submissions of pleadings, applications & payments online
- Automate: Bar Council checks verify user credentials dynamically

PORTAL ACTIVITY VOLUME / SUBMISSIONS

Applications Submitted	126,527
Successfully Consumed in CIS	100,335
Verified Active Advocates	8,288

DISTRICT COURTS CIS 4.0



- Tracks standard case lifecycles across 300+ court complexes
- Automates summons dispatch and integrates directly with NJDG

DISTRICT COURT METRIC TOTAL CASES / VOLUME

Cases Instituted	192,330
Cases Disposed	167,671
Active Case Pendency	—

ICJS SYSTEM INTEGRATION



- Unified hub connecting judicial structures, police databases, prison records & forensic labs
- e-Sakshya: Crime scene metadata uploads
- e-Summon: Electronic process-serving

DATA COMPONENT PROCESSED METADATA

FIR Profiles Logged	2,055,695
Chargesheets Transferred	1,088,355



DIGITAL RECORD MANAGEMENT



Secure PDF Conversion



Automated Watermarking



Systematic Indexing



Secure Digital Archival



HIGH COURT OF ORISSA

ARCHIVAL METRIC	TOTAL COUNT
Total Scanned Case Records	1,261,764
Total Page-Image Archival	76,427,845
Authentication Watermarking	Enabled



SUBORDINATE COURTS

ARCHIVAL METRIC	TOTAL COUNT
Total Scanned Case Records	3,368,083
Total Page-Image Archival	312,296,277
Metadata Search Functions	Integrated

VIRTUAL COURTS



1,054,077

Minor traffic / challan cases received



1,007,730

Cases disposed electronically



₹ 11.40 Crore

Collected through e-Payment

e-SERVICES PORTALS



Certified Copy Portal



Online Mentioning



RTI Portal



ICC Portal

01



DIGITAL COURT PLATFORM

02



AI-DRIVEN SUMMARIZATION & VERNACULAR TRANSLATION

03



PAPERLESS COURT SYSTEM STUDY



ODISHA STATE LEGAL SERVICES AUTHORITY

Access to Justice for All

KEY FEATURES



Legal Aid & Assistance to All in Need



Promoting Equal Access to Justice



Mediation & Alternative Dispute Resolution



Legal Awareness & Community Outreach



Empanelment of Lawyers & Para Legal Volunteers

FACILITIES



Free Legal Aid Services



Legal Aid Helpline



Lok Adalat & Legal Aid Camps



Legal Literacy Programmes



Online Legal Aid Application



Empowering Lives. Ensuring Justice.
Building a Just & Equitable Society.



ODISHA SALES TAX TRIBUNAL

Fair • Independent • Efficient Justice

KEY FEATURES



Quasi-Judicial Authority



Adjudication of Tax Disputes



Expert & Independent Members



Timely & Efficient Disposal



Upholding Natural Justice

FACILITIES



E-Filing & E-Submission



Online Case Tracking



Digital Orders & Notices



Virtual Hearings



Case Status Information



Ensuring Fairness, Transparency & Accountability
in Tax Dispute Resolution



Accessible



Transparent



Responsive



Accountable



People-Centric



MOU Signed

March 2020
DPR cost
Rs. 8,58,03,400/-

Odisha Legislative Assembly (OLA) – 147 Members
One of the leading States to implement digitization of legislative businesses on NeVA Portal.



Installment-1

Central + State Share
Rs. 1,71,60,680/-
UC Submitted

Implemented almost all modules of NeVA in Odisha legislative Assembly (except Bill Module).

1st State to present Odisha Budget in Complete Digital Mode on NeVA



Award of Excellence from **CSI-SIG** for **"Digital Transformation : A journey towards Paperless Assembly"** for the year 2021



Installment-2

Central + State Share
Rs. 3,43,21,360/-
UC Submitted

Key Factors of Success

- ICT Infrastructure Upgradation
- Steering Committees at different Level
- Change Management, Capacity Building
- Automation of Processes with support of dedicated NeVA Team



	Governor's Address – since FY 2021-22		Debates – Year 2015 to 2021 Bulletins – 15 th , 16 th and 17 th (up to 6 th Session)		Hon'ble Members and Council of Ministers – 14 th to 17 th Assembly
	Paperless Budget – since FY 2021-22		Questions – since 16 th Assembly 6 th Session till date		Birthday SMS to Hon'ble Members
	Economic Survey – since FY 2021-22		Replies – since 16 th Assembly 6 th Session till date		Provisional Calendar – 15 th , 16 th and 17 th Assembly (up to 6 th Session)
	Demands for Grants –since FY 2021-22		Committee Composition – since FY 2021-22		Today's Business – since FY 2020-21
	List of Business – 15 th 16 th and 17 th (up to 6 th Session) Assembly		Committee Papers – since FY 2021-22		House Controller – since 16 th Assembly 6 th Session
	Papers Laid – 15 th , 16 th and 17 th (up to 6 th Session) Assembly		Committee Reports – FY 1990-91 to 2023-24		Rules of Procedures, Contacts, Notice, News & Gallery

Hon'ble Members

- Facilitation given to Hon'ble Members on features & functionalities of NeVA mobile app and online submission of Questions during live sessions

Departmental Officers of Govt. of Odisha

- Training given to all user departments of Govt. of Odisha on various modules of NeVA.

Officials of OLA

- Training provided to Officials of OLA dealing with legislative business processes on respective NeVA modules

Tangible Outcome

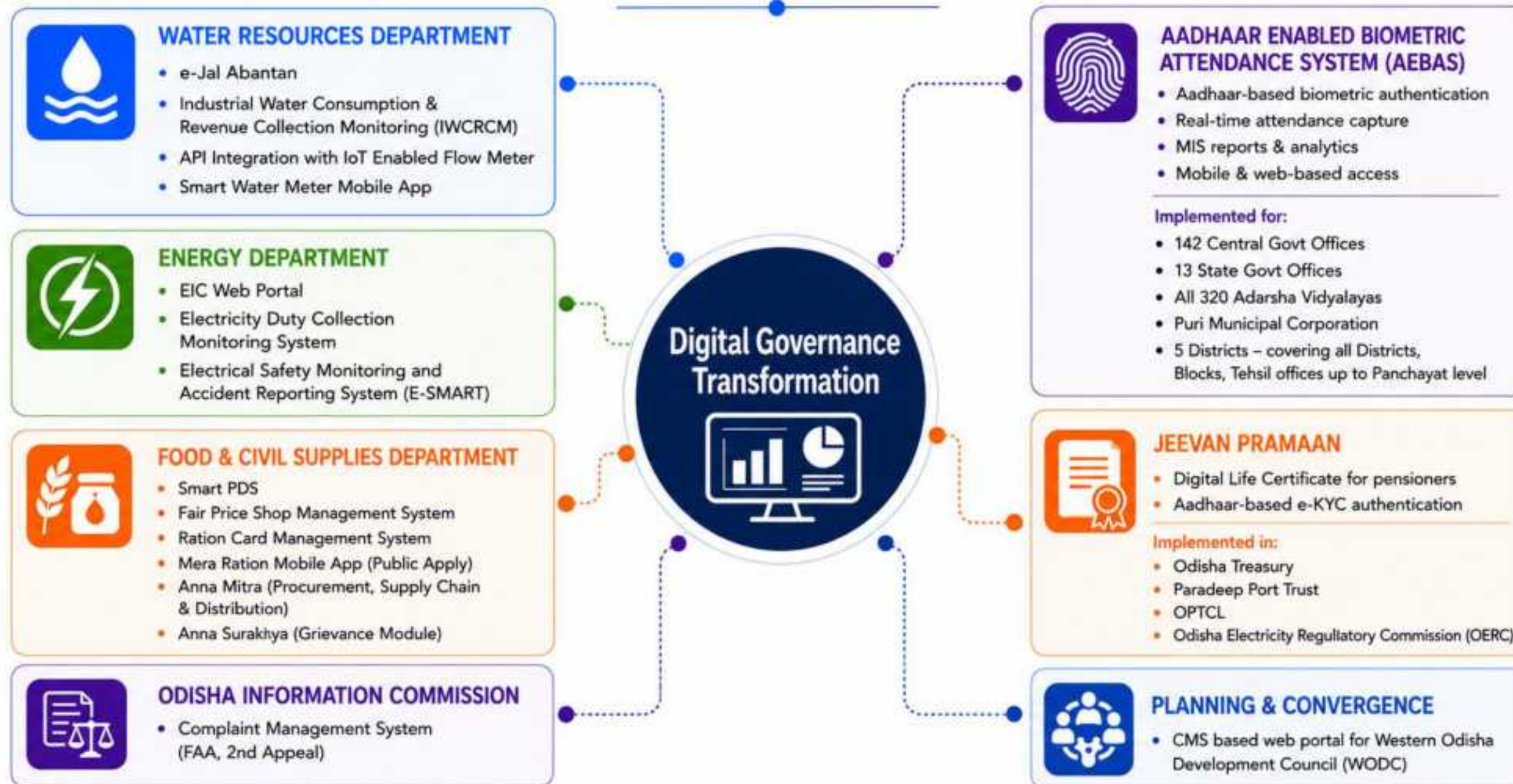
405 Members Info
14th to 17th Assembly

43580 Questions
Starred - 3658
Unstarred - 39922

40 Committees
Committee Papers - 506
Reports - 1683

Press Clippings
14518 till date...

Digital Governance Transformation





WATER RESOURCES DEPARTMENT

Digital Transformation for Sustainable Water Resource Management

OBJECTIVES

- End-to-End Digital Water Allocation
- Monthly bill generation & Revenue Collection
- Smart Metering & IoT Integration
- Citizen-centric Online Services

OUR DIGITAL PLATFORMS



e-Jal Abantan

- Online Water Allocation
- Workflow-based Approval
- IFMS Payment Integration
- ORTPSA Dashboard Integration



IWCRCM

- Industrial Billing & Revenue Collection
- Online Payment (IFMS)
- Real-time Monitoring
- Analytics Dashboard



Smart Water Meter App

- Geo-Tagging
- Offline Synchronization
- OCR & Computer Vision



IoT Flow Meter Integration

- Live Consumption Monitoring
- API Integration



KEY ACHIEVEMENTS



38
Water Resources
Divisions Covered



10
River Basins
Digitized



1248+
Industries
Onboarded



₹6,652+ Crore
Revenue Collection
(2018-19 to 2025-26)



100%
Digital Billing &
IFMS Integration

TECHNOLOGY STACK



ORTPSA – AUTO APPEAL SYSTEM



FUTURE ENHANCEMENTS



Vision AI based
Flow Meter Health
Detection



Anomaly Detection
in Water
Consumption



GIS
Integration



Analytical
Dashboard

ELECTRICITY DUTY COLLECTION & MONITORING SYSTEM

Digital. Transparent. Efficient.

OVERVIEW

A comprehensive digital platform for registration, meter reading, assessment, billing, payment and monitoring of Electricity Duty across industries. Empowering stakeholders with real-time insights, automation and transparency.



Industries Registered

Captive | Non-Captive | IPP | Others



Monthly Submissions

Meter Reading | Inspection Report |
Import/Export Data | Form-J



Automated Assessment

Duty calculation as per applicable
rates & dutiable units



Online Payments

Secure payments through IFMS
& DISCOM Integration

END-TO-END DIGITAL WORKFLOW



Registration
Industry Onboarding
& Profile Creation



Data Submission
Monthly Meter Reading,
Reports & Form-J



Assessment
Automated Duty
Calculation



Billing & Payment
e-Billing & Online
Payment (IFMS/DISCOM)



Monitoring
Dashboards, Reports
& Analytics

KEY HIGHLIGHTS



3,264

Self-Generators
Registered



₹ 820.56 Cr

FY 2025-26
Collection



₹ 37,005.28 Cr

Total Collection
So Far



Integrated
Payments

IFMS Payment
DISCOM Collection

DATA ANALYTICS DASHBOARDS

Total Collection

₹ 37,005.28 Cr

FY 2025-26 Collection

₹ 820.56 Cr

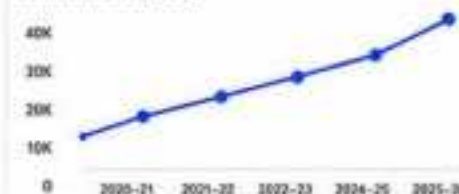
Registered Industries

3,264

Pending Payments

₹ 162.35 Cr

Collection Trend (₹ Cr)



Industry Type Distribution



● Captive
● Non-Captive
● IPP
● Others

Top Collecting DISCOMs (₹ Cr)



Collection by District (₹ Cr)



GIS INTEGRATION

Locate and visualize key assets on an interactive map.



EV Stations



Solar Plants



FUTURE ENHANCEMENTS



Anomaly Detection
Identify Irregularities
& Exceptions



E-SMART

Electrical Safety Monitoring & Accident Reporting System

E-Smart is a comprehensive digital solution to report, monitor and analyze electrical accidents involving humans or animals for timely action and prevention.



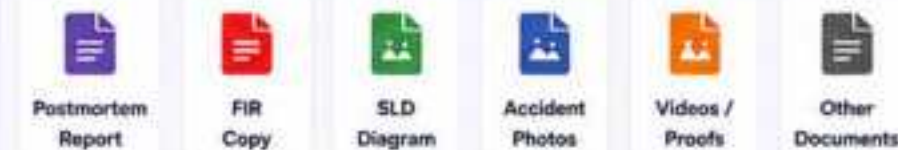
OBJECTIVES

- Record All Incidents**
Capture fatal & non-fatal human and animal electrical accidents with complete details.
- Faster Response**
Immediate digital reporting enables quick escalation and intervention.
- Data-Driven Prevention**
Analytics and hotspot identification help reduce future risks.
- Transparency & Compliance**
Role-based approvals, audit trails and digital documentation.

END-TO-END LIFECYCLE WORKFLOW



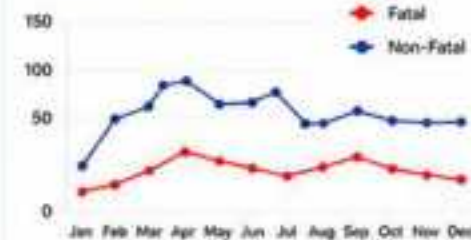
DOCUMENT & EVIDENCE MANAGEMENT



DASHBOARD OVERVIEW (REAL-TIME)

Total Incidents: 2,485
Fatal: 386
Non-Fatal: 2,072
Animals: 120
Open Cases: 312

Accident Trend (Monthly)



Accident by Cause



Accident Zone Heatmap (GIS View)



Case Status



RISK ANALYTICS & INSIGHTS

Hotspots & Patterns
Identify accident-prone zones using GIS mapping & heatmaps.



Trends & Statistics
Analyze causes, severity, time trends & seasonal patterns.

ROLE-BASED ACCESS & WORKFLOW



KEY MODULES



DIGITAL SOLUTIONS FOR GOVERNANCE & CITIZEN SERVICES



Odisha Information Commission (OIC)

<https://soochana.odisha.gov.in>



Complaint Management System
(FAA & 2nd Appeal)



Online Case Filing &
Status Tracking



Role-based Dashboard
& MIS Reports



Unified Access to Commission
Information, Landmark Judgements
& Weekly Cause List



OPTCL Pension Portal



Online Application to
PPO Generation



Monthly Pension Billing
of Beneficiaries



Pension Sanction, Disbursement
& Grievance Management



End-to-End Digital
Pension Administration



Food & Civil Supplies



Smart PDS, Ration Card, Fair Price
Shop, Mera Ration, Anna Mitra
& Anna Sahayata



Aadhaar Data Vault Integration
& e-KYC Authentication



API Integration with State
Applications & Central
Smart PDS



Implementation in coordination
with NIC Delhi & NIC Hyderabad
Teams

DIGITAL SOLUTIONS FOR GOVERNANCE & CITIZEN SERVICES



AEBAS

(Aadhaar Enabled Biometric Attendance System)



ACHIEVEMENTS



142

Central Govt
Offices



13

State Govt
Offices



51,000+

Employees
Onboarded



LATEST ORGANIZATIONS ONBOARDED

- ✓ Puri Municipal Corporation
- ✓ 320 Odisha Adarsha Vidyalaya across the state
- ✓ 5 districts – Rayagada, Sambalpur, Sundergarh, Puri & Kendrapada Offices up to Districts, Blocks, Tehsils & Panchayat level



IN PIPELINE

- ✓ Bhubaneswar Municipal Corporation (BMC)
- ✓ OPTCL



JEEVAN PRAMAAN

(Digital Life Certificate)



OBJECTIVES

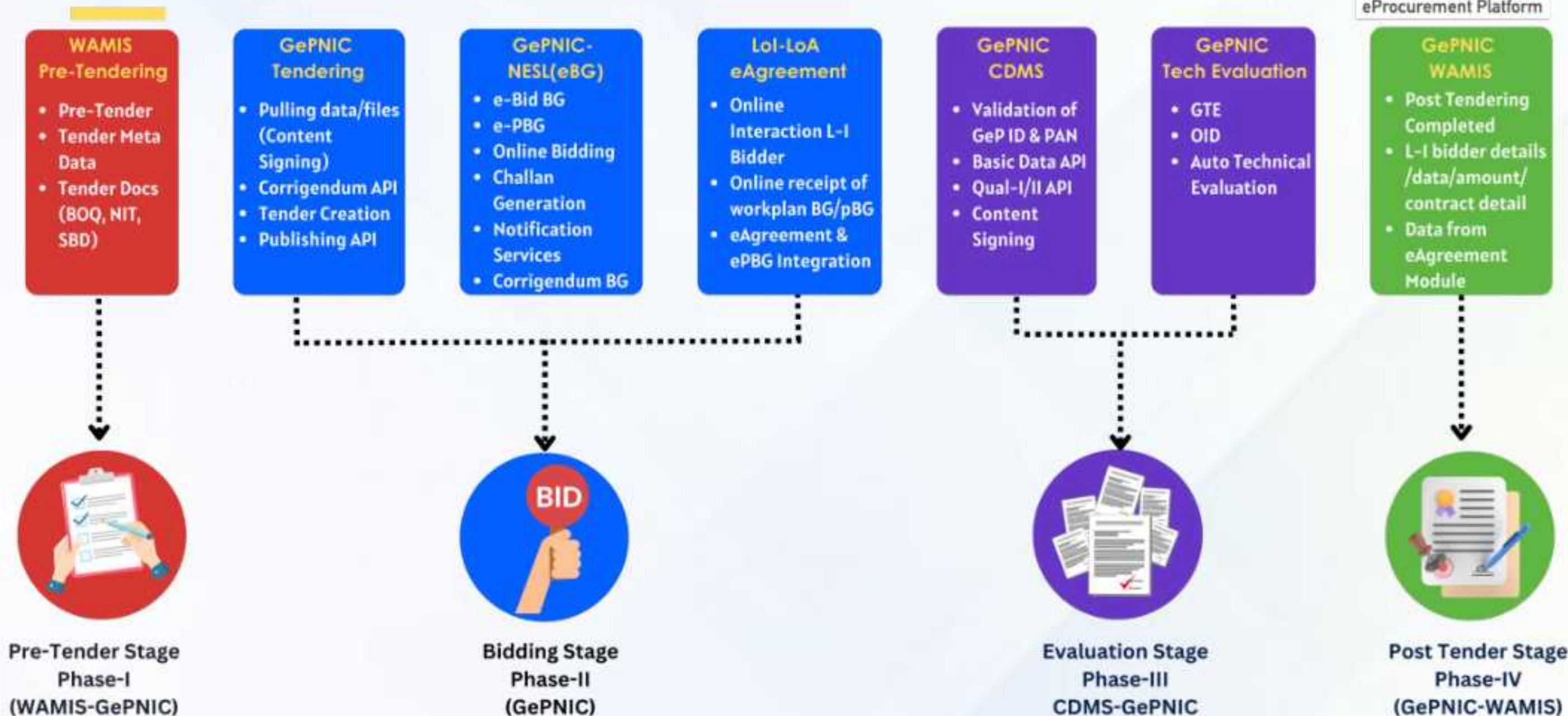
- Provide Digital Life Certificate for pensioners
- Ensure authenticity & prevent fraud
- Easy & convenient certification process
- Secure & paperless system



MAJOR IMPLEMENTATIONS

- Odisha Treasury
- Paradeep Port Trust
- Gridco
- OERC

GePNIC END-TO-END ePROC



eAbkari

	Label Registration (New, Renewal & Modification)		Transfer of Excise License(s) Ownership		Mohua/ Molasses Accounting & Import/Transport/Export of Mohua Flower & Molasses
	Renewal of all Categories of License(s) with OSBCL Wholesale License		e-Lottery Module for OFF, CL, Premium FL-OFF & OS Shop(s)		Excise Adhesive Label (EAL) Accounting System with Track & Trace System
	Grant of New ON Shop, Mohua Flower and Molasses Licenses		Mobile App with Geo-Tagging and MIS Facilities		Permission of Late Serving/ Closing
	Import/Transport of NOC & Permit Pass for Bulk Spirit		Grant of LOI/ NOC to Distillery/ Bottling/ Brewery		Grant of Temporary and Additional Bar Licenses to ON Shops
	Enforcement Modules (DPR, CCIS, OFFENDER & SIR)		Supplier/Brand owner registration		Digitization of 10 Years of Backlog Data for DPR, Offender, and CCIS
	Shifting of Excise Shop(s)		Public Grievance Monitoring, eAbkari Support & Feedback System for Licenses		Integration with GO-SWIFT for G2B services





SHOPS
1,252
1,055 IMFL OFF Shops
197 Country Liquor (CL) Shops



APPLICATIONS
29,018
26,177 IMFL OFF
2,841 CL



REVENUE
₹842+ Crores
Non-refundable
Application Fees



COVERAGE
All Districts
Across Odisha

APPLICATION DISTRIBUTION



● IMFL OFF Shops
26,177
(90%)
● Country Liquor
(CL) Shops
2,841
(10%)

e-LOTTERY PROCESS FLOW (NIC ENABLED)



Online
Application



Digital
Scrutiny



e-Lottery



Screen
Recording
(Audit Trail)



Winner
Declaration



Real-time
Portal Update



Transparency through Technology | Accountability through Process

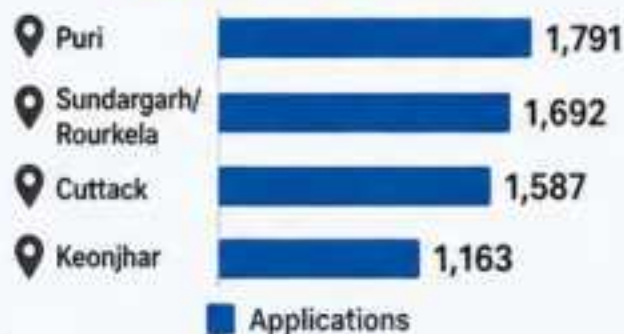
NIC ODISHA'S PIVOTAL CONTRIBUTION

- ✓ eAbkari Portal Development & Maintenance
- ✓ Secure Digital Infrastructure
- ✓ District Scrutiny & Lottery Committee Support
- ✓ Real-time Lottery Monitoring & Winner Entry
- ✓ Audit Trail through Mandatory Screen Recording
- ✓ Network & Technical Support (FMS & DRM)



DISTRICT HIGHLIGHTS

HIGHEST APPLICATIONS



LARGE SCALE OPERATIONS



Angul
1,990 Applications
57 Shops



Kendrapara
1,092 Applications
64 Shops

HIGH COMPETITION EVEN IN SMALL DISTRICTS



Nabarangpur
958 Applications
13 Shops



OUTCOME



100%
TRANSPARENT

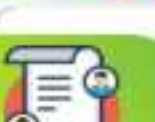
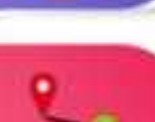
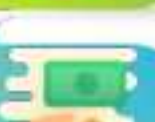


100%
DIGITAL



**EFFICIENT &
ACCOUNTABLE
SETTLEMENT**

Automation of the Supply Chain Management Process

 Addition of Suppliers & Bottling Plants	 Licensee Addition / Updation	 Maker-Checker Approval Process
 Supplier Wallet Refill through IFMS Integration	 Licensee Wallet Refill through Online Payment Gateway Integration	 Permit Revalidation (If the supplier fails to supply items within the timeline)
 Auto Approval of Indent Application and Advance ED Collection	 Token & Purchase Order Generation	 Permit Extension (If the supplier fails to supply items within the timeline)
 Permit Generation & Issuance	 FIFO-wise Distribution of Items	 Trade-Off Process (Depot To Depot Transfer)
 Item-wise Data (Batch No., MFD, Qty) Collection and Dispatch Pass Issuance	 Invoice & Gate Pass Generation	 Export of Surplus Items to Other States
 GER & GRN with Tracking of Cases and Bottles	 Post-Sale Supplier Payments through IFMS Integration	 Integration with GO-SWIFT for G2B services





Government of India
Ministry of Electronics & IT

Regional Application Security & Audit Division NIC Bhubaneswar



Secure

Strengthening
digital assets
and systems



Monitor

Continuously
monitoring
security posture



Audit

Ensuring
compliance
and standards



Strengthen

Building resilient
and trusted
digital services



Trusted

Securing government
digital ecosystem



Proactive

Preventing threats,
ensuring resilience



Accountable

Driving transparency
and compliance



Efficient

Optimizing security
and performance



Empowering Secure Digital Governance

Protect • Detect • Respond • Improve

1 Introduction

The division was established in 2018 as the Centre of Excellence (CoE) for Application Security. Subsequently, as part of an organizational restructuring, it was reconstituted as the Regional Application Security and Audit Division (RASAD) with effect from 17 November 2024.

Our Team

- Ms. Sasmeeta Sabat**
Scientist-E (Officer-in-Charge)
- Ms. Sanjukta Pradhan**
Scientist-D
- Mr. Rahul Kumar Sinha**
Scientist-B



2 Scope of Activities



Conducting Security Audit i.e. SAST & DAST analysis for Web Apps, APIs & Mobile Apps



Manual Security Audit Assessment & Infrastructure Scanning



Third-Party Audit Compliance & Providing Hosting Clearance



VA-PT of Web Applications and raising tickets in ASTS New Platform



Exploration & Development of In-House Tools used for Security Activities



Conducting Capacity-building session on Secure Coding Practices and Cyber Awareness Trainings

3 Audit Process



For Audit in CSD, user needs to submit online audit request and follow the procedures.



*SCA: Source Code Analysis, BBA: Black Box Audit, MA: Manual Audit

5 URL INFO Tool: Automated Flow Chart (v2.0)



12 Parameters captured for each URL

5 Sub categorization of URLs

Every 15 Days Cron Scheduler scans URLs automatically

6 Audit Status (As on 09 June 2026)

URL PARAMETERS	ODISHA	WEST-BENGAL	CHATTISGARH	BIHAR	JHARKHAND	ANDAMAN
Total Sites	361	234	305	101	61	65
Audit Valid Sites	45	27	70	39	29	15
Audit Expired Sites	170	159	137	12	20	27
Audit Unavailable	146	48	98	50	12	23



URL INFO Tool & Dashboards

Secure • Monitor • Analyze • Strengthen



Securing Digital India
One URL at a Time

1



URL INFO Tool & Dashboard

Centralized platform for managing application security and infrastructure details



CoEAS, NIC Bhubaneswar was established in Feb 2018 to provide Application Security Services to State Centres.

States under Purview

- Odisha
- Chhattisgarh
- West Bengal
- Bihar
- Jharkhand
- Andaman & Nicobar

Key Officials

Name of Officer	Designation	Email ID	Mobile
Mr. Sankanta Kumar Sahoo	Scientist-E & Director (IT)	sankanta.sahoo@nic.in	9861003589
Mr. Sanjanta Pradhan	Scientist-D & Jt. Director (IT)	sanjanta.p@nic.in	9868476224
Shri Rajat Kumar Saha	Scientist-B & Asst. Director (IT)	rajat.k.saha@nic.in	9437382193

Key Features

- Digital Asset Inventory
- Manual Audit Checklist
- URL Profiling & Analysis
- Drupal Checker
- Audit Management
- MOBSF Integration
- Security Tools Integration
- Document Repository

2



URL INFO Dashboard

Comprehensive overview of SSL/TLS security posture



Key Features

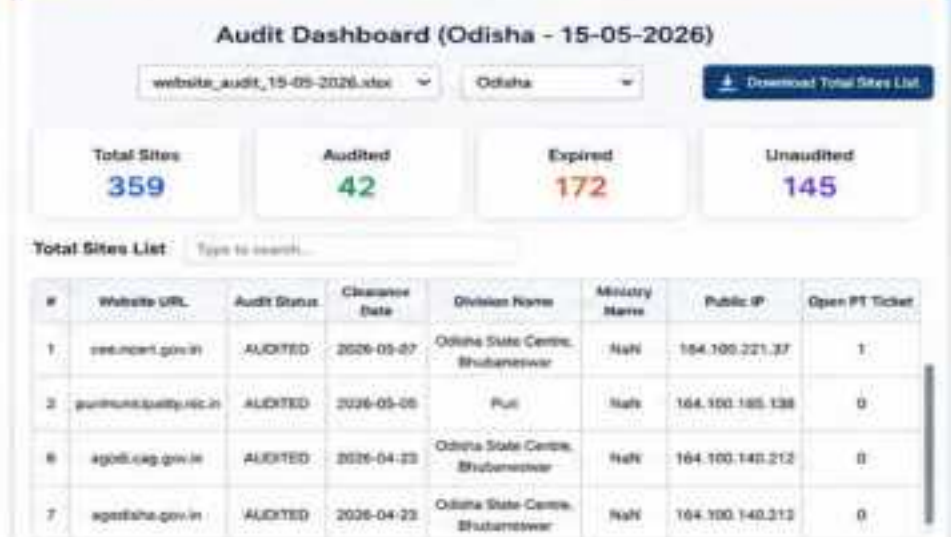
- Real-time SSL/TLS Statistics
- Export & Reporting
- Security Compliance Overview
- Search & Filter
- Certificate Health Monitoring
- At-a-glance Insights

3



Audit Status Dashboard

Track and monitor audit status across departments and websites



Key Features

- Audit Progress Tracking
- Download & Export
- Department-wise Overview
- Data Transparency
- PT Ticket Monitoring
- Improved Accountability



Empowering Secure
Digital Governance



Enhanced
Security



Proactive
Monitoring



Risk
Mitigation



Data-Driven
Decisions



Stronger
Compliance



National Informatics Centre,
Odisha State Centre,
Unit-IV, Sachivalaya Marg,
Bhubaneswar-751001.