

भारत सरकार
इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय
राष्ट्रीय सूचना - विज्ञान केंद्र
महाराष्ट्र राज्य केंद्र

११वां तल, नया प्रशासन भवन, मंत्रालय, मुंबई - 400032



Government of India
Ministry of Electronics & Information Technology
National Informatics Centre
Maharashtra State Centre

11th floor, New Administrative Building, Mantralaya, Mumbai - 400032

MAHARASHTRA



Technical Services for State and central Govt. departments

Software
Development

Internet

Communication

Video Conferencing
via NICNET

NIC Offices

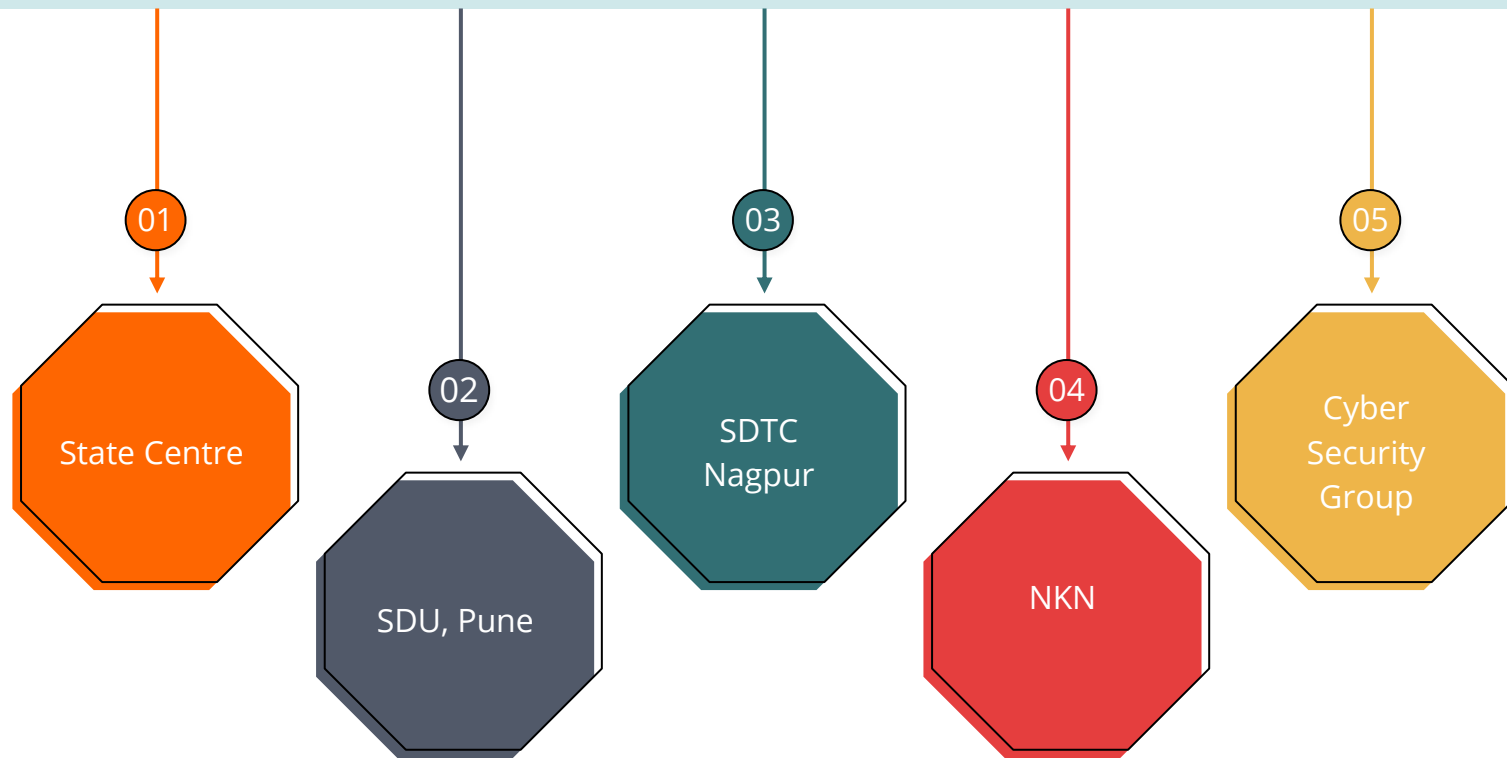
High Court

Central Government
Offices

36 district Collector
Offices

Technical Support to Collector Offices, Zilla Parishad, Districts
Courts and all allied offices of State and Central Government

NIC Maharashtra



e-Governance Services by NIC Maharashtra



A digital Workplace
Solution for government



GePNIC Government
e-Procurement



ePDS Public Distribution
System



e-HRMS
Human Resource
Management



RTI Online



e-Hospital



e-Courts



District Good
Governance Index Portal



Election-2024



Chief Minister's
Relief Fund



Vikak



Secure, Scalable &
Sugamya Website as a Service



Seed Authentication
Traceability and Holistic
Inventory



PM- Kisan Samman
Nidhi



Integrated Road Accident
Database



e-Transport
Ecosystem



Interoperable Criminal
Justice System



ePrisons



Sandes Instant
Messaging
Platform



National Social
Assistance
Program



MGNREGA



E-Quasi Judicial
Courts



SARAL
Education Portal



Virtual Courts



Explosives
Control System



Service Plus



AI & Blockchain



NIC Mini Cloud Data
Center Mumbai



Video Conferencing
Services



eCabinet



BEAMS &
eGRAS



Land Record
Management



National Generic Document
Registration System



SIMNIC





e - office

A Digital Workplace Solution for all government employees



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

- It is a cloud enabled software.
- Work from anywhere.
- Assured Data Security & Integrity

55000

State Users

28000

Central Users

4300

PSU Users



- Simplified, responsive, effective and transparent
- Supports governance by ushering in effective and transparent processes.
- Increases accountability, Enhances transparency and aids in decision making

eOffice statistics of Maharashtra



District Good Governance Index Portal



<https://dggi.maharashtra.gov.in/>



Agriculture & Allied Sector



Commerce and Industry



Human Resource Development



Public Health



Public Infrastructure and Utilities

- **Districts' performance scores across 160+ indicators**
- **Dashboard with graphs and charts for data analysis**
- **Comparative performance assessment across the state**

Capabilities and Performance Assessment Framework

Identifies Development Opportunities

Good Governance Index

Guides Targeted Growth Strategies

Data-Driven Decision Making



Social Development



Economic Governance and Financial Inclusion



Judiciary and Public Safety



Environment



Citizen Centric Governance



eHRMS Maharashtra

An initiative of GAD, Government of Maharashtra under G2G e-Governance
(<https://mahaehrms.nic.in>)

Recruitment to Retirement digital platform for Maharashtra Government employees.

Salient Features

- ❖ User friendly
- ❖ Bilingual
- ❖ Secure Access
- ❖ Single Sign On
- ❖ An Open Source Technology Stack
- ❖ Role Based Functionality
- ❖ Integration with Biometric Attendance, Sevarth, Mahapar & iGoT System.



Modules

- Recruitment
- Digital Service Book
- Employee Services
- Training
- Statutory Compliance
- Transfer & Posting
- Departmental Enquiry
- e-Orders
- Retirement

Departments
Onboarded

42

Service Book
Digitized

17000

Leave
Application

15750

Capacity Building

Training Conducted – 145

No. of Participants – 3745

e - PROCUREMENT

<https://mahatenders.gov.in>

The eProcurement System automates electronic tendering, reducing cycle times, lowering costs, and enhancing transparency for departments and bidders.

Salient features

Single product, configurable workflow with selective features.

Facilitates RFP /RFQ/EOI/Global tenders with Multi Currency.

Open/Single/Limited /Reverse-Forward Auction / QCBS/RC.

Online Tender Fee, EMD Payment and automatic Refund.

Complete transparency through Tender Status in Public Domain.

Automatic Comparative charts.

SMS-Mail alerts/Mobile App/Dashboard

Grievance Escalation.

Text



(GTE, ITE, Multi - currency)
(Two Stage Bidding, NDA)
(QCBS, eRA)



Parliamentary and Assembly Election 2024

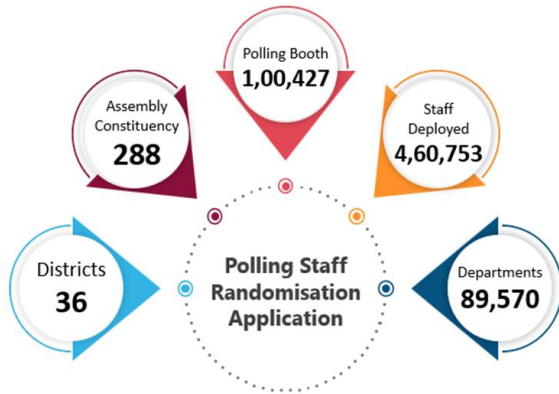
Applications Developed and Hosted by NIC

- Centralized Polling Staff Randomisation
- Counting Staff Randomisation
- Postal Ballot Management



ECI Award

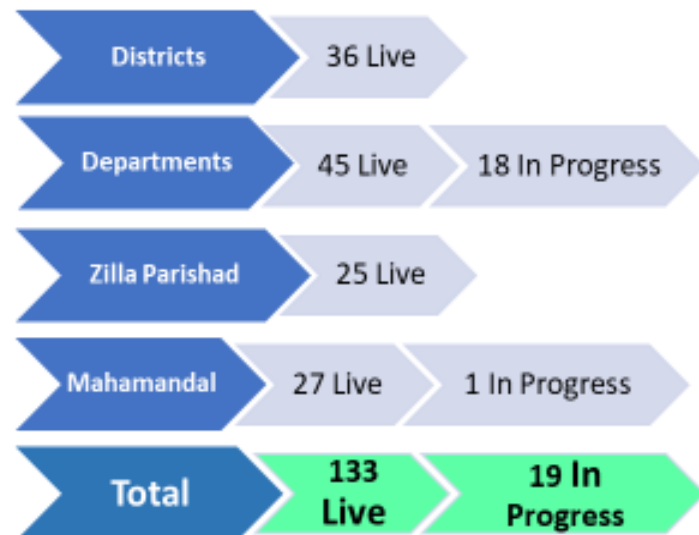
Best Performing State 2024



- **Online Randomization** : Facilitates three levels of randomization for polling staff and micro observers with booth-based deployment (e.g., Sakhi Booths, PwD Booths, Sensitive Booths).
- **Comprehensive Dashboard**: Offers a comprehensive view for CEOs, DEOs, ROs, and department users to manage election processes.
- **Data Management and Analysis**: Enables staff data entry, EPIC upload, postal ballot requests, shortfall analysis, and customized parameter tuning per district needs.
- **Orders and ID Generation**: Generates detailed reports & orders post-randomization and creates ID cards for polling staff with photos.
- **Training** : Schedules training sessions, tracks attendance.

Honourable Chief Minister's 100 Days Program :

NIC and DIT, GoM migrated 100 Government of Maharashtra websites to S3WaaS



AI Integration initiative with S3WaaS websites

1. Translation to Regional languages using **Bhashini** Plug-in
2. Text to Speech integration with **Bhashini** Plug-in

(Finance Department website integrated with both Plug-Ins)



SATHI

SEED AUTHENTICATION, TRACEABILITY &
HOLISTIC INVENTORY

Seed Authentication Traceability And Holistic Inventory



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

National platform
to cover complete
Seed Eco system.

Ensures the
supply of
authentic seeds
to farmers

Information on
Seed availability
from Micro to
macro level.

SATHI



Seed Bags Production
30 Lakh+



Seed bags moved by
manufacturers 10 Lakh+



Seed bags sold to farmers
40K+

Seed Supply Chain



Seed Bag Trace and
Track



Seed Dealer-retailer
distribution Network



Monitoring and ensuring Seed
Availability

Single comprehensive platform to cover
Seed Eco system



SATHI

SEED AUTHENTICATION, TRACEABILITY &
HOLISTIC INVENTORY

Seed Authentication Traceability & Holistic Inventory

- o National platform to cover complete Seed Eco system
- o Ensures the supply of authentic seeds to farmers
- o Information on Seed availability from Micro to macro level
- o **Distributed Development model (HQ, Odisha, Maharashtra)**
- o **NIC Maharashtra : Phase II (Seed Supply Chain)**
- o **Microservices based Architecture**
- o Phase II Roll out initiated in 10 states (Maharashtra, Rajasthan leading)
- o Blockchain PoC for Seed Certificate and Seed bag movement

RTI Online

URL: <https://rtionline.maharashtra.gov.in/>

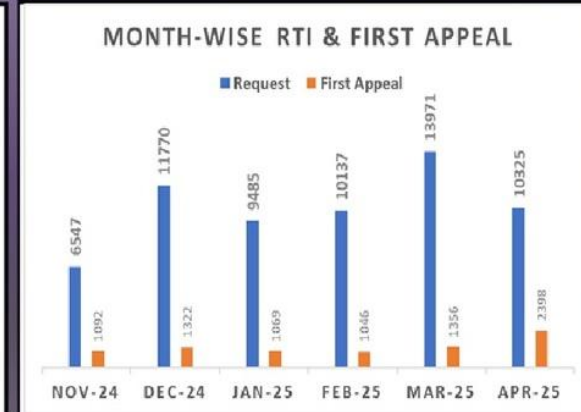
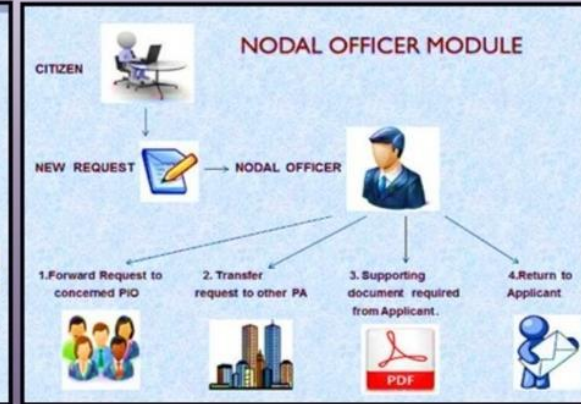
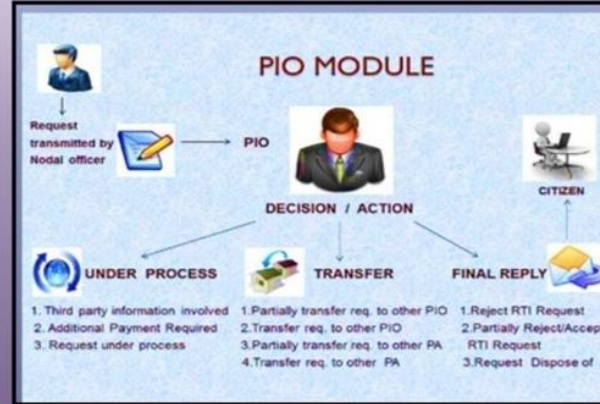
**Implemented in Maharashtra Secretariat
and Districts**

RTI received

5.97 Lakh +

Appeals received

76 K +





Chief Minister's Relief Fund

URL: <https://cmrf.maharashtra.gov.in/>



Enables citizens to donate to the Chief Minister's office online using a secure payment gateway

Provision for online application for relief

Updates on all procedures & information required to apply relief

Complete end to end processing of the relief applications received

Timely notification to the citizen

Salient Features

- 1 Online donation
- 2 Download donation receipt
- 3 Apply for relief aid
- 4 Speedy relief help to maximum needer citizen
- 5 Track relief application
- 6 View important notifications

70.5 K +

Number of donations received online

Rs. 31.44
Crore+

Amount of donations received online

41 K +

Number of relief applications received



DONATE
ONLINE



DONATION
STATUS
ENQUIRY



TOP DONORS



APPLY
ONLINE

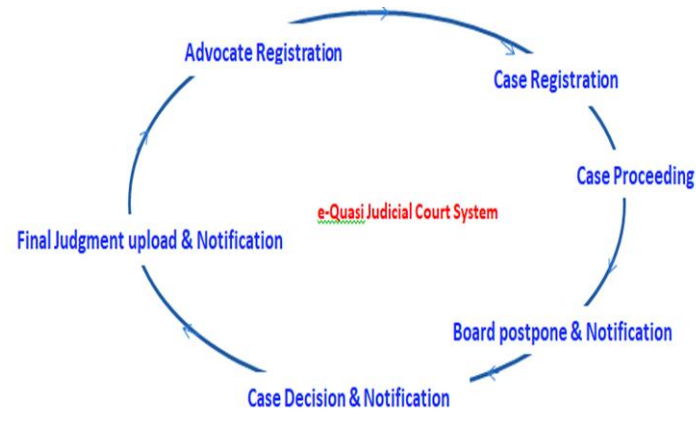


APPLICATION
STATUS
ENQUIRY



eQJCourts Quasi Judicial Courts Information System

- o Registration, tracking, and management of cases and proceedings related to Revenue, Land Records, and the Inspector General of Registration (IGR).
- o Service-Oriented Architecture (SOA) and a Container-Based Application.
- o An open-source technology stack



 <div>States1 Departments4 Divisions23 Districts109</div>	 <div>1696 Quasi Judicial Courts</div>	 <div>937935 Registered Cases</div>	 <div>758548 Disposed Cases</div>
 <div>2259899 Petitioners</div>	 <div>64439 Advocates</div>	 <div>488052 SMS Sent</div>	 <div>Total Users5200 Trained Users1191</div>

- Vision to improve the delivery of healthcare services
- A one-stop solution to connect patients, hospitals and doctors

Online patient portal for delivery of citizen centric services like online appointment booking, access to lab reports online & blood availability status.

ABHA Integration

Maintain Health Records & HMIS data digitally

Scan and Share facility for Queue Management.

Provision for OPD, IPD, Clinic(OPD and IPD), Billing, LIS, RIS, Store and Pharmacy, OT management, Dietary and Laundry

66 hospitals onboarded

31 lakh+ Patients registered



INDIAN CUSTOMS EDI SYSTEM

<https://www.ices.nic.in/>

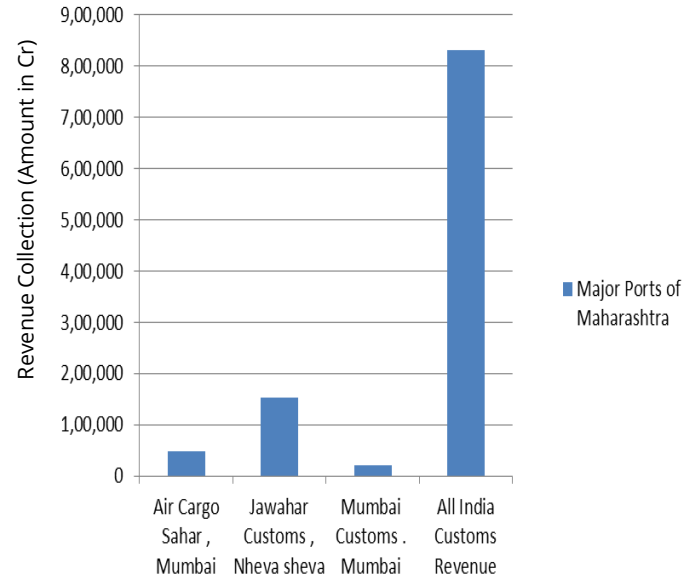
The Indian Customs EDI System (ICES) is designed to exchange/transact customs clearance related information electronically using Electronic Data Interchange (EDI).

A large number of documents that trade, transport and regulatory agencies are required to submit/ receive in the process of live customs clearance

Salient features



Customs Revenue from Major Port of Maharashtra (2024-25)





PM-KISAN
Government of India

PM - Kisan Samman Nidhi

Ensuring Social Security for Small and Marginal Farmers (SMFs)

 <https://pmkisan.gov.in>

- ❖ IT solution for PAN India implementation of Pradhan Mantri Kisan Samman Nidhi scheme (PM-KISAN).
- ❖ The portal provides an end-to-end technology solution to transfer funds directly into the accounts of farmers.
- ❖ The solution enabled creation of farmers' database in the process.

123.78 Lakhs

• **Registered beneficiaries**

97.75 Lakhs

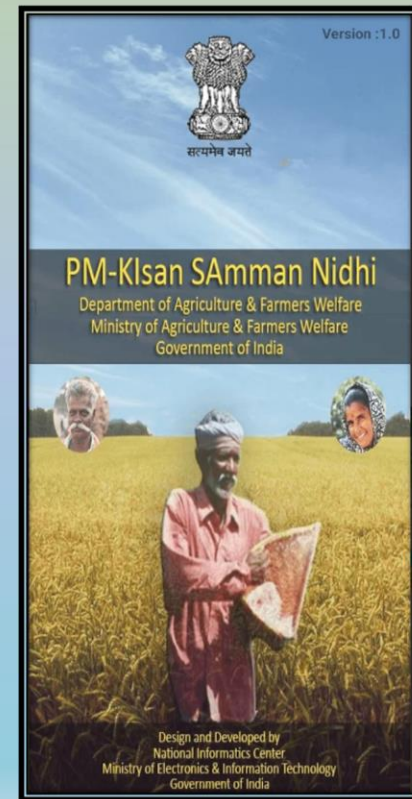
• **Eligible beneficiaries with active registration**

1967.12 crore

• **Amount of benefit for the 19th installment**

92.89 Lakhs

• **Eligible beneficiaries for the 19th installment of the scheme**





e-PDS



Public Distribution System in Maharashtra

<https://mahafood.gov.in> , <https://mahaepos.gov.in>

Supply Chain Management



End to End computerization

Inter-state Portability



Aadhaar Authentication



One Nation One Ration Card



National Food Security Act



PoS at Fair Price Shops



Biometric Authentication

NFSA Cards

1.8+ Crores



Beneficiaries

10+ Crores



Ration Cards
2.3+ Crores

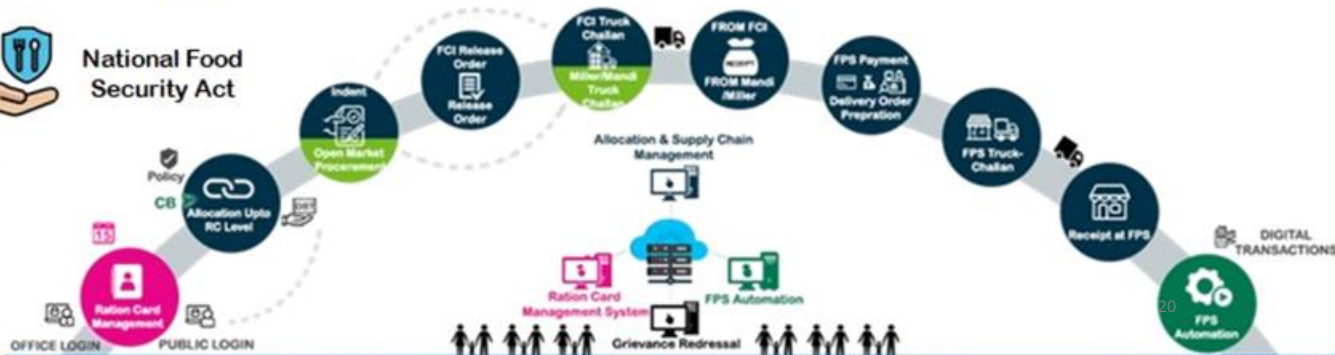
FPS/ PoS Devices
53,972+



Transactions/month:
3+ Crores



Award
SKOCH Order of
Merit Bronze Award,
2018



National Social Assistance Programme



<https://nsap.nic.in/>

- ✓ *Fund Allocation*
- ✓ *Fund Requirement Estimation*
- ✓ *Identification Of Pensioner*
- ✓ *Process Appeals*
- ✓ *Sanction Of Pension*
- ✓ *Disbursement Of Pension*
- ✓ *Verification Of Pensioner*
- ✓ *Discontinuation Of Pension*

Schemes

Indira Gandhi National Old Age Pension Scheme (IGNOAPS)

Indira Gandhi National Widow Pension Scheme (IGNWPS)

Indira Gandhi National Old Age Pension Scheme above 80 (IGNOAPS80)

Indira Gandhi National Disability Pension Scheme (IGNDPS)

National Family Benefit Scheme (NFBS)

12,58,460

Total Number of Beneficiaries registered

12,45,035

Total Number of Bank Accounts entered in system

11,05,077

Total Number of Aadhar verified data

12,731

Total Post Office Accounts -

Total Number of Aadhar verified data





NREGA

MAHATMA GANDHI NATIONAL RURAL EMPLOYMENT GUARANTEE SCHEME Application



<https://nrega.nic.in>



Maharashtra



Job Cards issued
138.02+Lakhs



Workers
291.68+Lakhs



Person Days
6.19+Crores



Assets Created
29.05+Lakhs

Vision

To enhance the
livelihood security of
rural households
across the country
To provide at least
100 days of
guaranteed wage
employment in a
financial year

SPARROW MAHAPAR

URL: <https://mahapar.maharashtra.gov.in>

SPARROW-MahaPAR is a web-based application designed to file & process the APAR (Annual Performance Appraisal Report) of officials/users electronically.

49

No. of
Services
Onboarded

06

No. of
Form Type
Used

50970

No. of
Officers
Onboarded

370069

No. of
PAR
Generated

336697

No. of
PAR
Closed



TRANSPARENCY

The system keeps track of complete PAR process and its status can be traced at all times.



ONLINE GENERATION

From creation of APAR to its closure, the entire Annual assessment process is performed online.



WORKFLOW

Workflow based approval between reporting, reviewing & accepting authorities for complete APAR process.



REPORTS

Provides a variety of reports as per the requirements received from the implementing organization.

Smart Performance Appraisal Report Recording Online Window (SPARROW)

Search employee for
Appraisal

http://
home>Employee search

Assessment Period

Name

Code

Designation

Search results

Creation of the
workflow

http://
home>Setting Hierarchy

Name:Code:Designation

stand.	Repres.	Ref.
Active	Sc.no	Name

continue

Generation of
ePAR

http://
Creation of Workflow

Name:Code:Designation

Sr.	Form	ID	Code	Name

Generate Send

Filling &
forwarding
ePAR



ePAR approved at
different levels



ePAR viewed
and
completed



Payment Gateways (PayGov, SBI ePay, PayU, CSC eWallet, State's e Treasury), Aadhaar, DigiLocker, eSign, eTaal, ePramaan, UMANG & RAS



Single Window platform for submission & tracking



Real time transparent information sharing mechanism faster G2C and G2G communication



Hassle free & Time bound service delivery Accountability & Quick Resolution



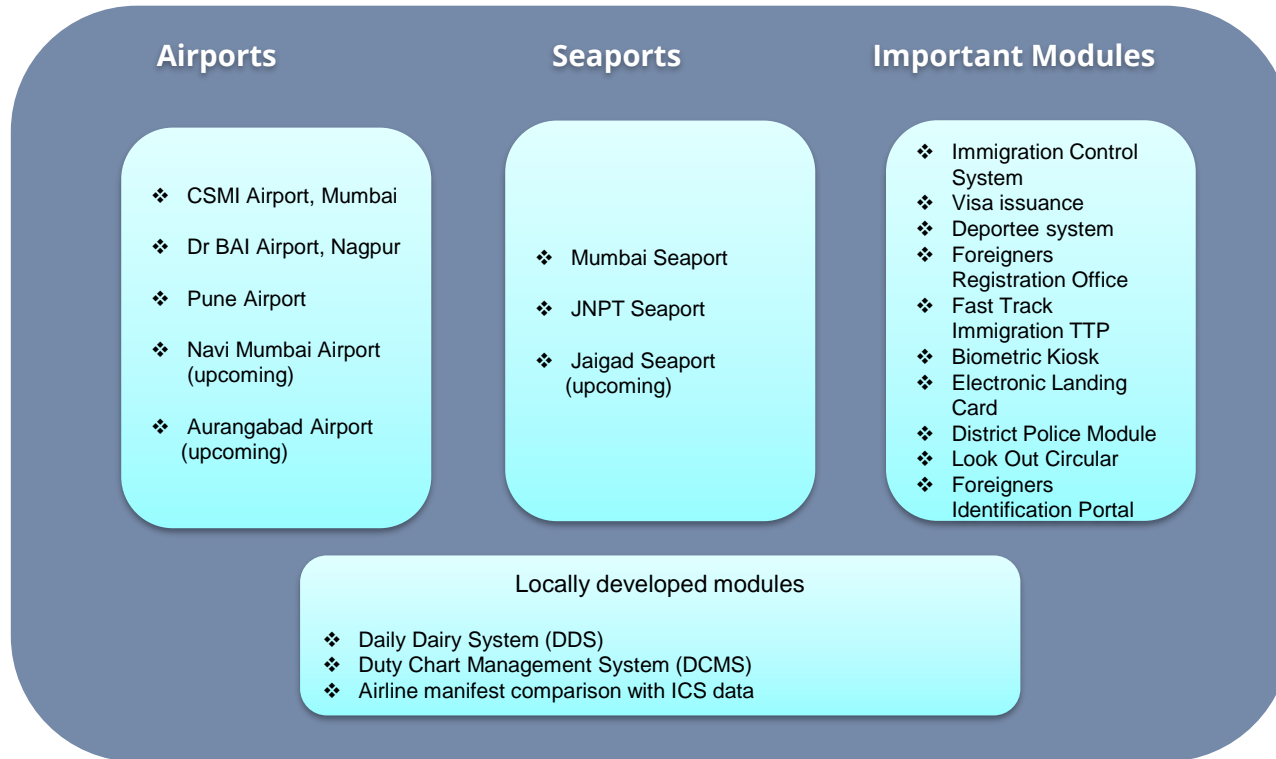
Anytime Anywhere 24*7 Access

24



Immigration Visa Foreigner's Registration & Tracking (IVFRT)

The MMP was conceptualized by the Ministry of Home Affairs with the core objective to develop and implement a secure and integrated service delivery framework that facilitates legitimate travelers while strengthening security. The project scope includes Indian Missions abroad, Immigration Check posts(Airports and Seaports) , FRROs and FROs in Districts.



SIMNIC

Status Information Management system by NIC

URL: <https://mahasim.nic.in>

FEATURES

- 1 Compilation of Data for Decision making
- 2 Creation of Data collection formats online
- 3 Creation of Officer hierarchy (Line Offices)
- 4 Parichay Login
- 5 Sandes and eMail reminders
- 6 Locking of Data for time lapsed data submission deadlines
- 7 Data periodicity : Daily, Weekly, Forth nightly, Monthly, Quarterly, Yearly
- 8 Multilingual

Departments

50

Data collection formats

717

No. of records entered

13,87,404

No. of logins created

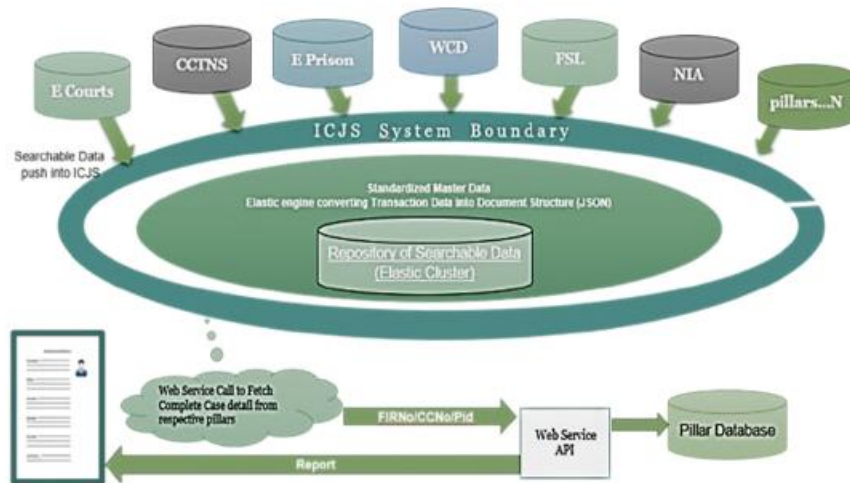
15,777



Seamless flow of information among pillars of Criminal Justice System to achieve 'One Data Once Entry'



- One Data Once Entry
- PAN India Search
- Criminal Network Visualization
- Dashboards for each domain
- Investigation & Monitoring tools
- Mini Statement of a case



4.4 CR +

FIRs

8.9 CR +

Court Cases

91.7 L +

Prisoners

2.27 CR +

Visitors

1.85 L +

Forensics

e-Mahabhumi: The Citizen Centric Portal for Land Records services

Online Services

- ❖ Online Payment base Digitally signed 7/12, 8A, Ferfar, Property Card and eRecords (**Premium Services**)
- ❖ e-Chawadi Citizen Portal (**Premium Services**)
- ❖ e-Mojni (**Premium Services**)
- ❖ e-Records (Archived Documents) (**Free Services**)
- ❖ Mahabhunakasha (Maps with Land Records) (**Free Services**)
- ❖ e-Hakk (Apply online for mutation) (**Free Services**)
- ❖ Aaplichawdi (Village digital notice board) (**Free Services**)
- ❖ Bhulekh (View online 7/12,8A,Property Card) (**Free Services**)
- ❖ Civil Court Case Status Information on RoR (**Free Services**)
- ❖ Mutation Application Status (**Free Services**)

Mahabhumi Citizen Services



Mahabhumi Statistics

7.2 Cr
7/12
Downloads

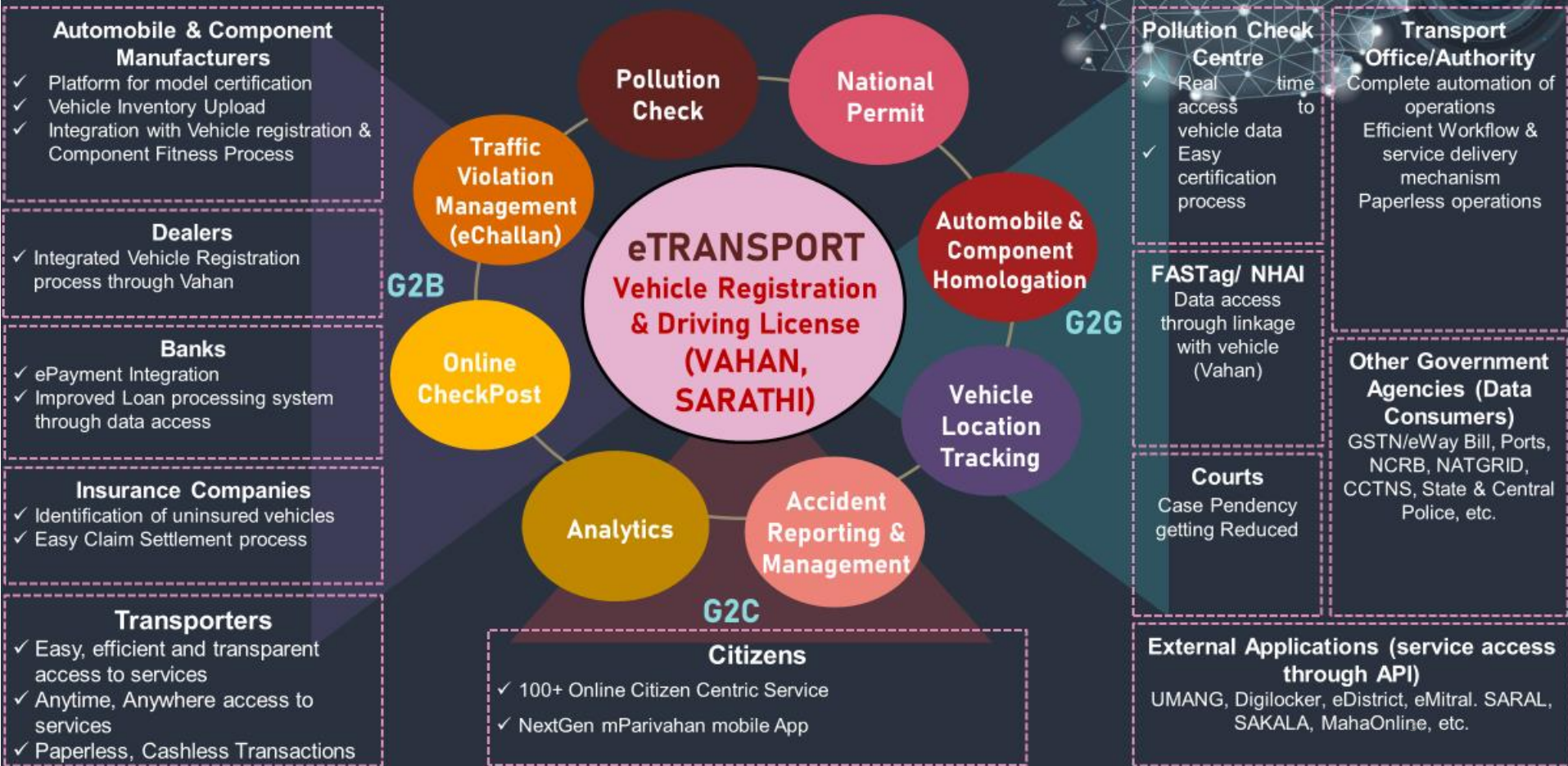
2.3 Cr
8A
Downloads

28.6 L
Ferfar
Downloads

8.2 L
Property Card
Downloads

19.8 K
e-Records
Downloads

eTransport Ecosystem



INTEGRATED ROAD ACCIDENT DATABASE (iRAD)

ADVANCING ROAD SAFETY



Objectives	Stakeholders	Integrated with
Onsite Accident Data Collection	Police Department	Vahan
Black Spot Identification	Transport Department, Health Department	Sarathi
Improvement of the Accident-Prone area	Road Owning Agencies	CCTNS



Total Accidents:1,06,462

Fatal
47,363
(44.5%)

Grievous Injury
37,441
(35.2 %)

**Minor Injury
Hospitalized**
10,353
(9.7%)

**Minor Injury Non-
Hospitalized**
3,271 (3.1%)

No Injury
8,034
(7.5%)

Total No of Persons Involved: 1,84,312

Dead
55,796
(30.3%)

Grievous Injury
60,374
(32.8%)

Minor Injured
68,142
(37.0%)

Features

Available in Mobile and Web Platform	Online / Offline Data entry option with auto-sync mechanism
Accident ID with limited critical details	Role based Dashboard for the respective States/Departments
Local Language Interface and enabling the respective State for suitable translations	Support for FIR creation, Vehicle Damage Assessment, Accident spot investigation, & Patient treatment
Easy Data Entry – Dropdown selection using Check box and Radio Button	Standard MoRTH Reports and Other State specific reports
Capturing GPS Location of accident site through base map reference so that exact accident location can be identified	Possibility to integrate with other schemes like EPFO, PM Gati Shakti etc.



eCourts

ecourts.gov.in

29 States | 7 UTs
8,052 Court Est. | 25 High Courts
26 Crore Cases
28 Crore Orders & Judgements



Achievements

Digital India Award for Best Mobile App

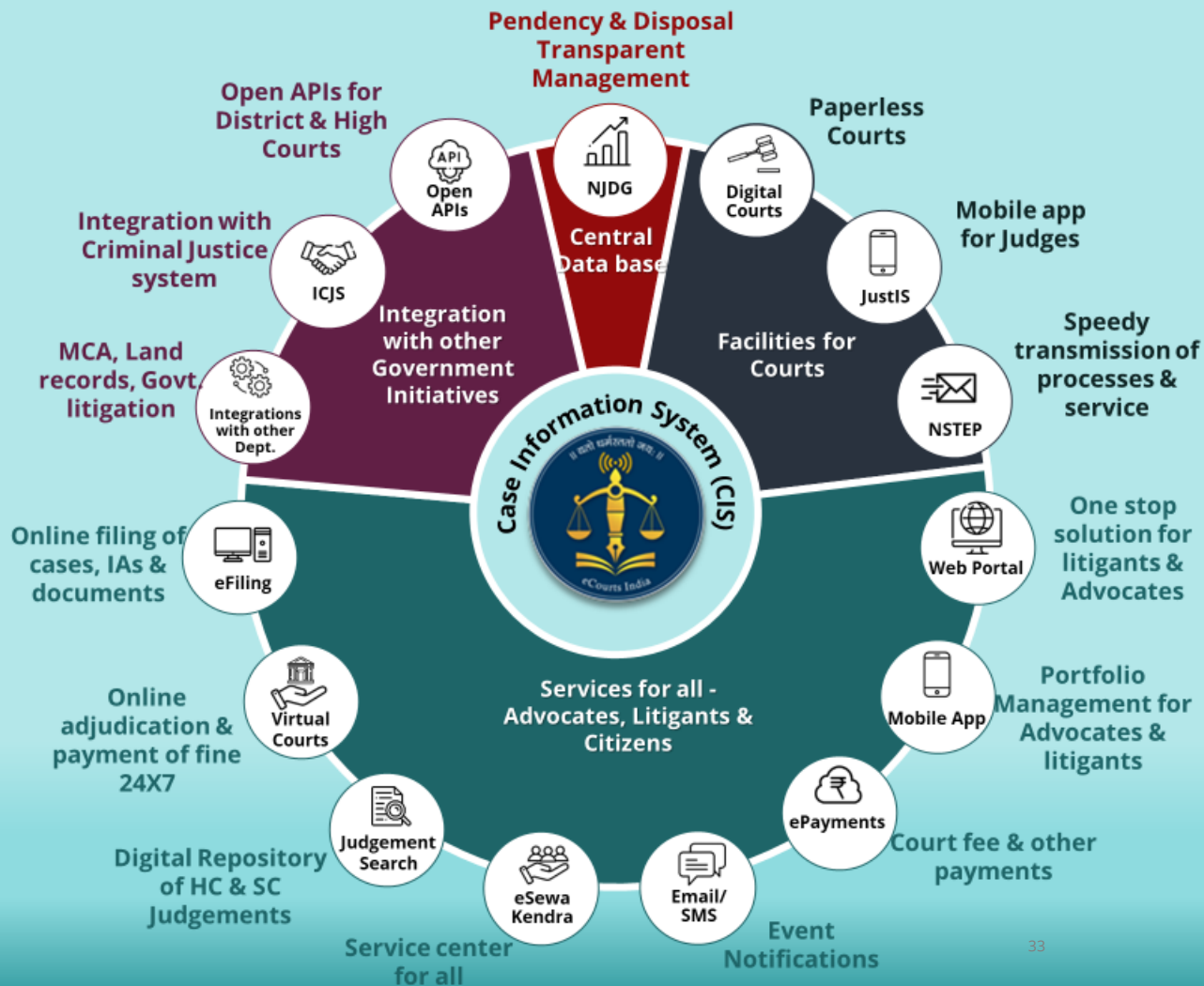
Gems of Digital India Award

Platinum Digital India Award for Excellence in Digital e-Governance

National Gold award for excellence in Government Process Re-engineering for Digital transformation

National award for institutions engaged in empowering persons with disabilities

National Gold award for excellence in providing Citizen Centric Delivery





Virtual Courts



<https://vcourts.gov.in>

An innovative solution to adjudicate traffic violation cases online with round the clock functioning capabilities.

22 States/ UTs

5.3 Crore Cases

₹ 584 Crore Fine Collected

- Number of judges performing judicial work in adjudicating traffic challans across the State reduced considerably
- Adjudication of cases from any location 24X7

Services Offered



Pay fine online



Verify Payment



Re-print the payment acknowledgement



Provision to contest the case

Integration with other systems

- eChallan
- Case Information System
- ePay
- Vahan
- SMS Gateway

National e-governance (Gold category) award under 'excellence in governance in government process re-engineering for digital transformation' category

Key Features



Online adjudication



Reduced footfall in Courts



Automatic calculation of fine



Plead guilty & online payment



SMS alert



Contest the case



e-Filing

<https://filing.ecourts.gov.in>

A complete end-to-end solution developed for online filing of cases, documents & applications in High Courts and District Courts of the country.

28 States/ UTs

53 Lakh Cases filed

1.3 Crore documents uploaded

5.7 Lakh oaths recorded

- *Entire filing can be done in asynchronous mode without Advocate and clients meeting each other*
- *Submission of pleadings in the courts, video recording of oath, even when Client, Advocate and Court are geographically situated at different locations*



Key Features



Bilingual (English & local language)



Online submission of pleadings



Facility to e-Sign pleadings



Online payment of Court fees



Facility to record oath



Templates simplifying drafting of pleadings

National Generic Document Registration System

e-Governance initiative by Department of Land Resources,
under mission mode project DILRMP



One Nation One Registration

Common, configurable, web enabled, multilingual
compliant system

Targeted at addressing diversity prevailing across
the States/UTs on account of various languages,
processes, formulae and formats

Citizens empowerment by enabling property
valuation on a click and allied processes (Ease of
doing business)

All registration stake holders on single platform

Features

- ✓ Automation rule engine for valuation and stamp duty calculation
- ✓ SMS and email interface
- ✓ Single sign-on
- ✓ Dashboard for all stakeholders
- ✓ Aadhar eKYC authentication and eSign integration
- ✓ Search of legacy data
- ✓ Cloud enabled

Statistics

1200 +

SRO

44000 Cr +

Revenue

67 Lakh +

Registered
Doc

16

States

e-Transit Pass for timber transport

E-signature validated through Aadhaar

SBI e-pay integration for online fee collection

Unique E-TP number Generated for Each E-TP

QR code validation for E-TPs at any check post or checkpoint

Sawmills and private users can log in and apply for E-TP

E – Transit Pass

QR Code & e-Sign
No Scope for Forgery

Geo-tagged images

Online Application from any location

Bilingual functionality

Dashboard for effective decision making

Issued 182248 + e-TPs

139636

Total e-Transit Issued in Malki



Volume = 1961008.277

1

Total e-Transit Issued in Sale Depot



Volume = 1.272

10322

Total e-Transit Issued in ICD Depot



Volume = 373589.255

33035

Total e-Transit Issued in Checkpost



Volume = 6478633.4428

1

Sawn = 1 / Without Sawn = 0
Total e-Transit Issued



Sawn = 321.182 / Without Sawn = 0

182995

Total e-Transit Issued



Volume = 8815553.4288

e-Auction System

<https://eauction.mahaforest.gov.in>

Overview

An online bidding system for the stakeholders of Maharashtra Forest Department and Forest Development Corporation of Maharashtra.

Objectives

Single window service to all intending buyers

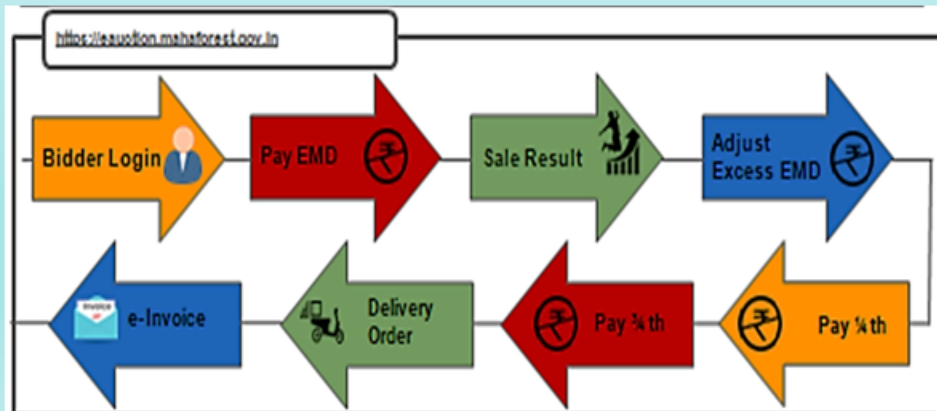
'Secured' portal to internal and external stakeholders

Payment gateway to external stakeholders

Obtain best value and the highest price.

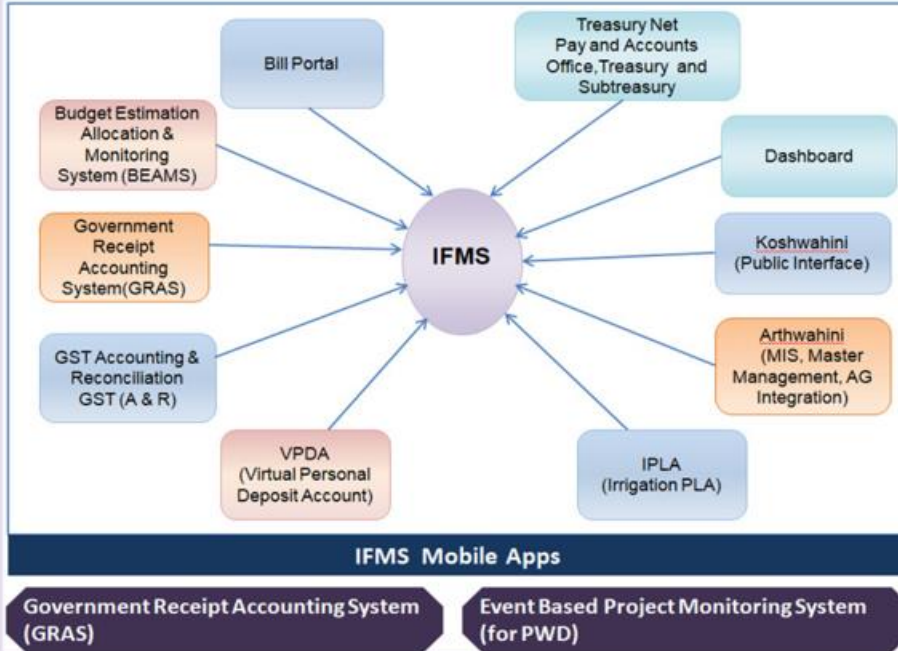
No. of auctions	Total sale lots	Total sale amount
2426	173879	Rs. 1294 Cr.

Auction Process



Integrated Financial Management System (IFMS)

- An umbrella application of Integrated Financial Systems
- Make budgeting processes more efficient, improves cash flow management, allows real-time reconciliation of accounts
- Management Information Systems (MIS) improves accuracy and timeliness in accounts preparation for better financial management and improved quality of governance in States.



Internal Stakeholders

1. Finance Department
2. Directorate of Accounts & Treasuries
3. Regional Offices
4. Treasury
5. Sub-Treasury
6. State Departments
7. Controlling Officers
8. Employees and Pensioners
9. Drawing and Disbursing Officers (DDOs)
10. Self Drawing DDOs

External Stakeholders

1. Controller General of Accounts (CGA)
2. State Accountant General
3. Reserve Bank of India (RBI)
4. Agency Banks
5. Citizens
6. Vendors
7. Financial Institutions
8. DBT Applications
9. Departmental IT Systems
10. PFMS

Sr. No	Name	
1	Treasury + PAO	35
2	Sub-Treasury	324
3	DDOs	15000
4	Administrative Departments	40



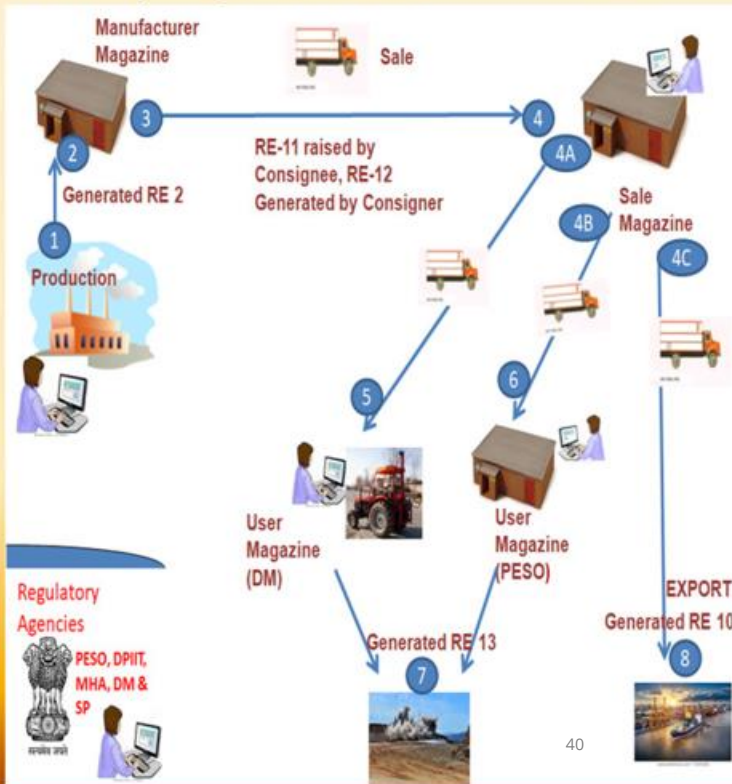
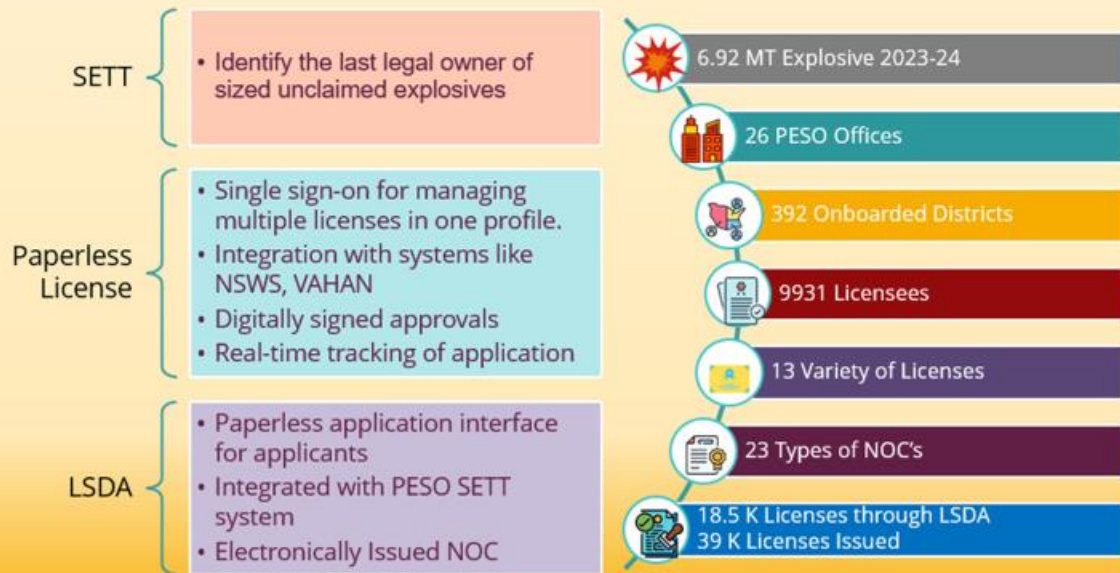
Explosives Control System



<https://sett.peso.gov.in/pesoweb> <https://lsda.peso.gov.in/LSDA/> <https://online.peso.gov.in/PesoOnline/>



Track explosives movement from manufacturer to end-user in real-time using 2D barcodes at the package and unit level



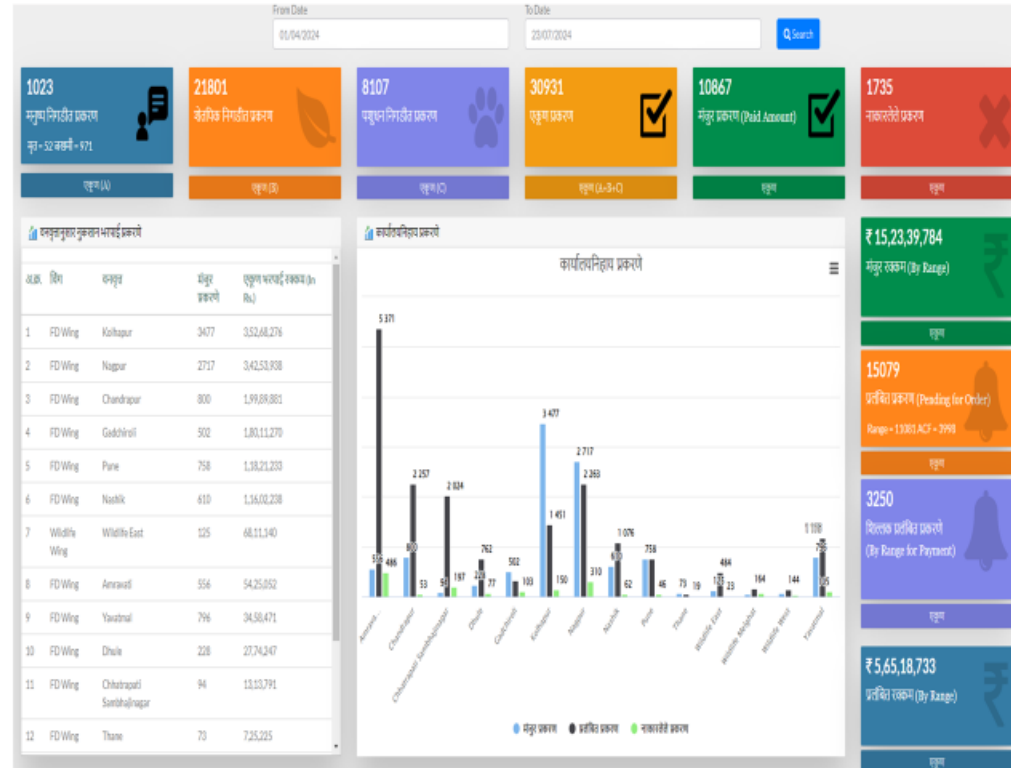
Wildlife Compensation Monitoring System

Objective

- ❖ Online Wildlife Compensation System to streamline all processes
- ❖ Ensures timely completion within designated service timelines

Features

- Unique ID allocation for the application
- Processing the application within the deadline
- Real-time status tracking of applications
- E-signed orders issued online
- stakeholders can download their orders



National Informatics Centre Services Inc.

- A section 25 Company registered in 1995 under the Companies Act, 1956 to facilitate implementation of Digital/e-Governance projects in the Country.
- Implemented more than 25000+ projects.
- Having rich experience of 29 years to provide ICT solutions.
- Providing end-to-end, ICT solutions

Major Activities

Requirement Gathering

Eol / RFP Response Processing

Financial Evaluation

Requirement Estimation

PQ & TQ Evaluation

Price Negotiations

Eol / RFP Preparation

Bidders Query Processing

Addressing Legal Representations

Eol / RFP Publishing

Certificate Verification

Award of Empanelment

Pre-bid Meeting

Inspection of Manufacturing Facility / Offices

Market Research

Contact us :

📍 **National Informatics Centre Services Inc.**

1st Floor (Hall No.2 & 3), NBCC Tower,
15, Bhikajicama Place, New Delhi – 110066

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☎ 011-26105054

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in National Informatics Centre Services Inc.

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NIC Mini Cloud Data Centre

Mumbai

Websites can be hosted on this Mini Cloud data center using Windows and Linux Platforms.

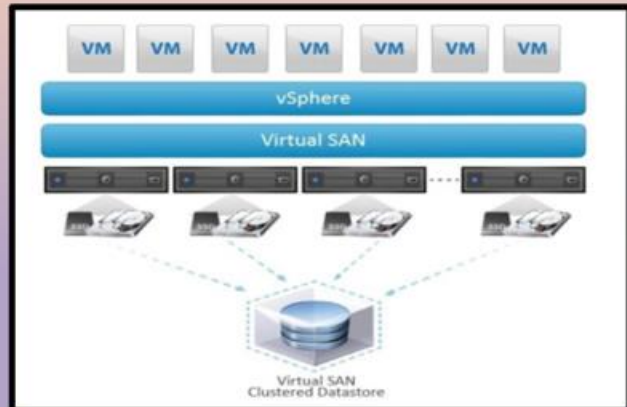
100+

Departments facilitated

Salient Features

Supports all programming languages such as ASP.NET, JSP, PHP, etc.

Database Support of SQL Server, MySQL, PostgreSQL on Windows and Linux Platform.



Linux Environment

RHEL 7.9, 8.5

Almalinux 8.5

Centos 7.9, 8

Linux-Web

Linux-App

Linux-Web-App

Linux-DB-MySQL

Linux-DB-PostgreSQL

Windows Environment

Windows 2016, 2019

Win-Web

Win-SQL

National Knowledge Network

National Knowledge Network (NKN)/NICNET Point of Presence (PoP) is set up at NIC Belapur Navi Mumbai. This PoP was inaugurated on 12 Aug 2012 by then Principal Scientific Advisor (PSA) to the Government of India. This PoP is considered as Super core PoP in NKN/NICNET topology and is connected to other super core/core PoPs of NKN/NICNET through multiple 10 G links.

All the 36 NIC District Centres in Maharashtra are connected to this PoP through 1Gbps/100 Mbps/34 Mbps links through NKN/NICET approved service providers. 81 research & educational institutes are connected to NKN at this PoP either through 1 Gbps link or 100 Mbps link.

Some of the premier institutes like IIT Bombay, TIFR Mumbai are connected to this NKN PoP over redundant links of 10 Gbps. This PoP also caters to Internet Gateway Services to NKN/NICNET users in Maharashtra as well as other States. The total internet bandwidth capacity from this PoP is 36 Gbps through various ISPs. Google cache servers, as well as Akamai cache servers are also co-located here for the NKN/NICNET users. This PoP is functional on a 24x7 basis.



उभरती हुई प्रौद्योगिकी पर पहल

Initiatives on Emerging Technology

Jigyasa - AI Powered Navigation tool

Makes websites and portals, curiosity-friendly.



User Query Input

Users can either type or speak their queries to initiate navigation on government websites and portals, enhancing accessibility and user engagement.



Query Vectorization

The input query is transformed into a vector representation for efficient processing.



Chunk Retrieval

Relevant content chunks are retrieved from the vector database based on the vectorized query.



LLM Context Processing

The LLM model processes the retrieved chunks to understand context and relevance.



Suggested URLs

The system recommends the best-matched URLs and sections based on the processed context.



User Redirection

Smoothly redirects users to the most relevant pages for a seamless experience.

Suchak: NER

Domain Specific Named Entity Recognition

- **NER- Named Entity Recognition**

It uses spacy-transformer NER model for Entity Recognition from Unstructured/Semi-Structured documents.

- **OCR based text extraction**

Text is extracted from images and pdf using OCR.

- **Extracted Text used for NER**

The extracted text is used for Named Entity Recognition.

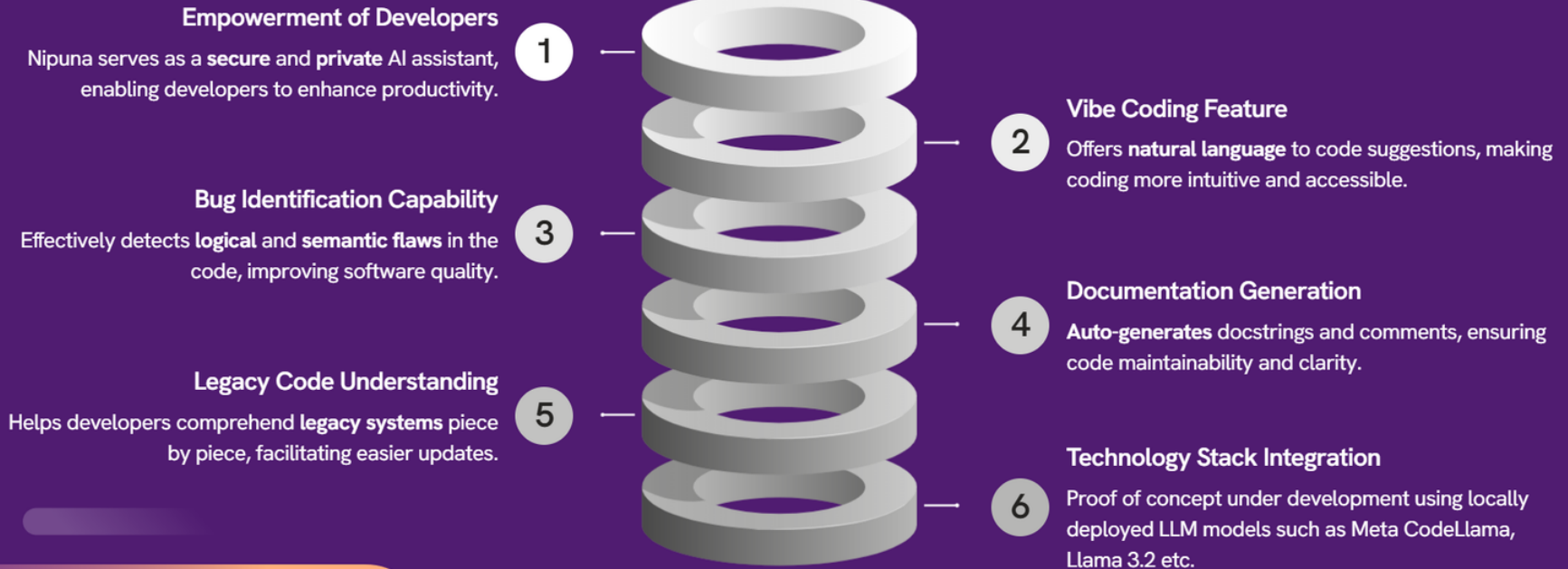
- **Custom Domain Specific Finetuning and Seamless Integration with other Applications**

Can be further finetuned on custom datasets and integrated with other downstream applications where the structured data can be utilized.

- **Facilitates Analytics & Decisions**

Supports downstream **analytics** and decision-making by providing accurate and timely data extracted from documents.

Nipuna: AI Powered Software Development Assistant



Blockchain – NIC Maharashtra Initiatives

01



Vyapar

To Showcase
Blockchain Features

02



NGDRS

Securing Property
Documents

03



Court Judgements

To store and
verify Judgements

04



**Seed Certificate &
Supply Chain**

To Store and Verify
Seed Certificate

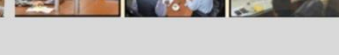
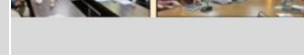
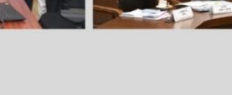
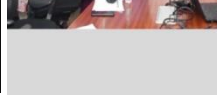
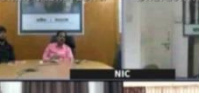
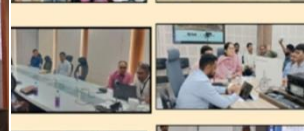
PoC

Platform : Hyperledger Fabric, Hyperledger Sawtooth

Tools : Hyperledger Explorer, Hyperledger Caliper

Nursing Certificates on Blockchain

- Nursing certificates issued by Maharashtra Medical Education Department
- Certificate Metadata pushed on Blockchain
- In collaboration with CoE-BCT , Bangalore
- Approx. 50-60 K certificates issued per year
- Inaugurated by Hon. Chief Minister on 17th April 2025



NIC Maharashtra Team

Buldhana-Maharash

Mumbai-Maharashtra

Wardha-Maharashtra

Raigad-Maharashtra

Bhandara-Maharashtra

Washim-Maharashtra

Dharashiv-Maharashtra

Thane-Maharashtra

NIC

MP-BHULE

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