



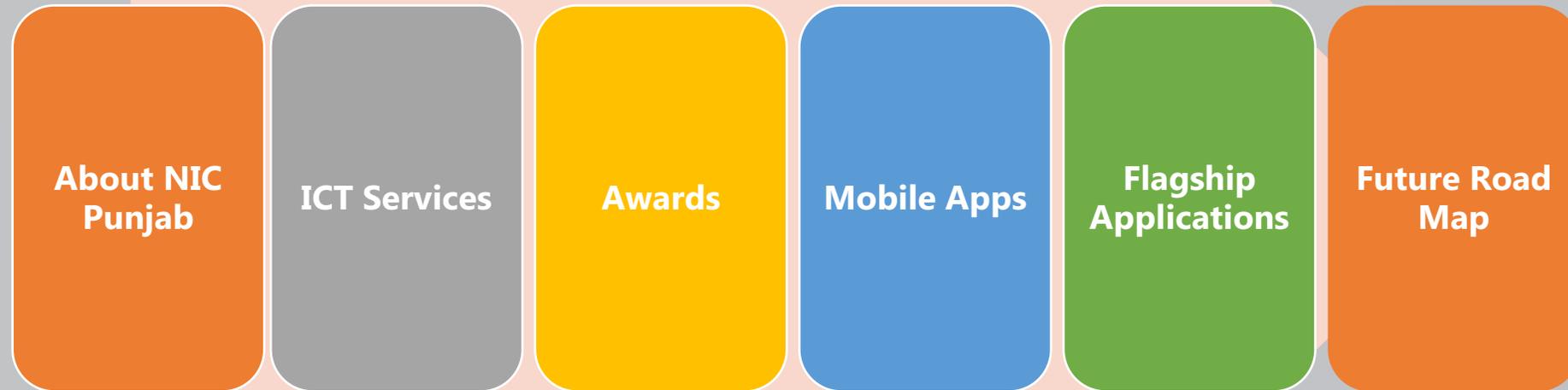
# Punjab State Centre

## Profile & Achievements

<http://pbsc.nic.in>

**Vivek Verma**  
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February 2024



**Providing ICT Support to Punjab Government**

**State Offices at Punjab Civil Secretariat -1, Punjab Civil Secretariat -2, Kendriya Sadan, Vitte Yojna Bhawan , CM Cell Punjab, Punjab Vidhan Sabha in Chandigarh**

**Various ICT solutions**

**NIC Punjab Web Presence <https://pbsc.nic.in>**

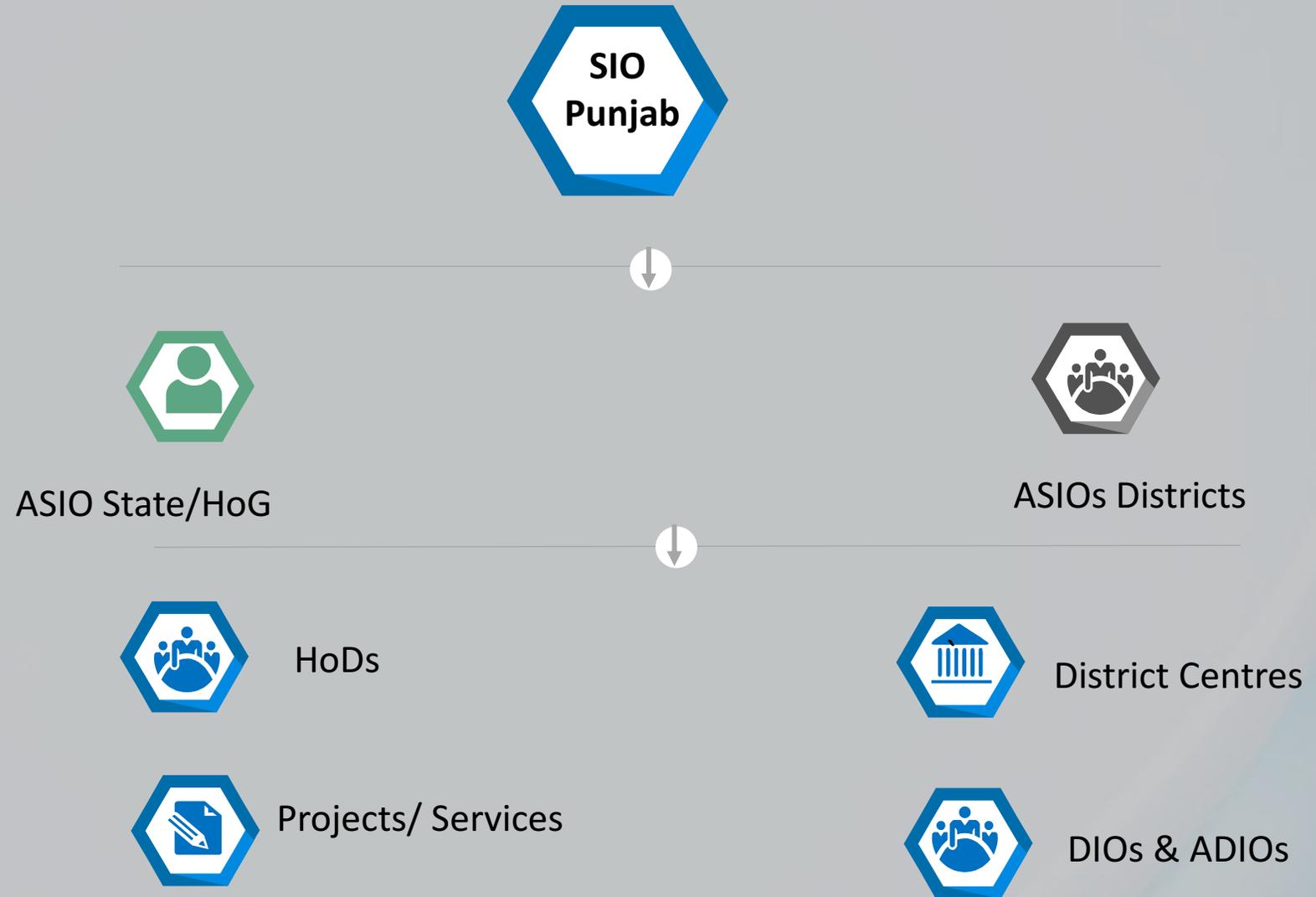
**Established in 1988**

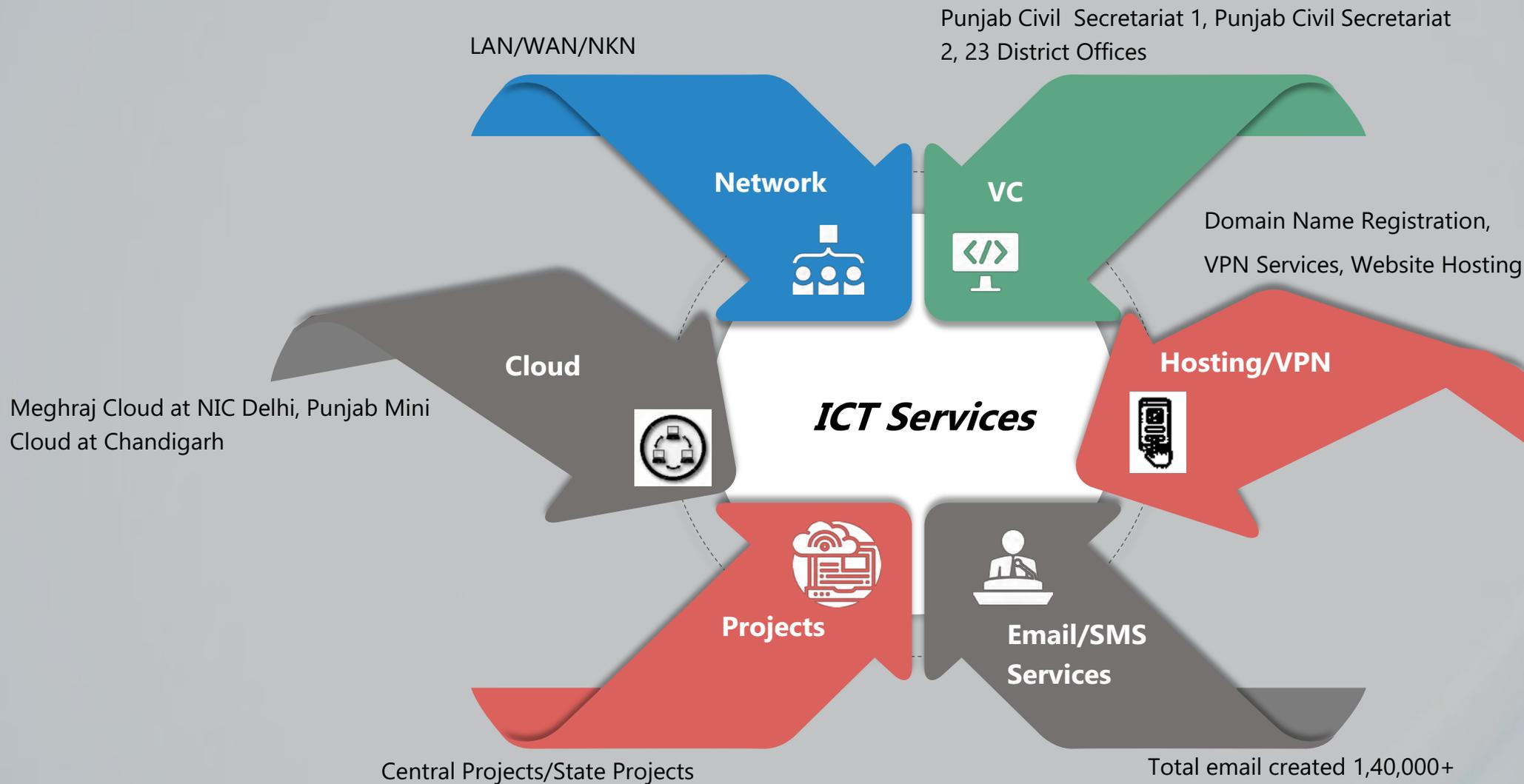
**NIC Centres in districts located in 23 DC offices  
(Total Districts – 23)**

**State-of-the-art Video conferencing at Main Secretariat, Mini Secretariat and all the districts of Punjab**

**Success stories in all key sectors such as Revenue, Finance, District Administration Agriculture, Transport etc..**



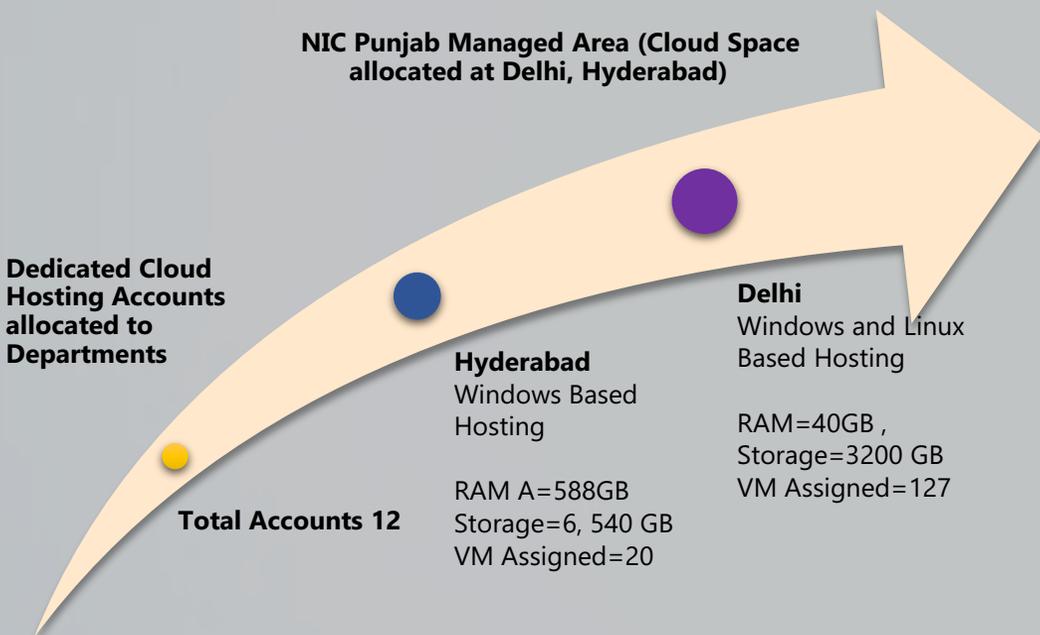






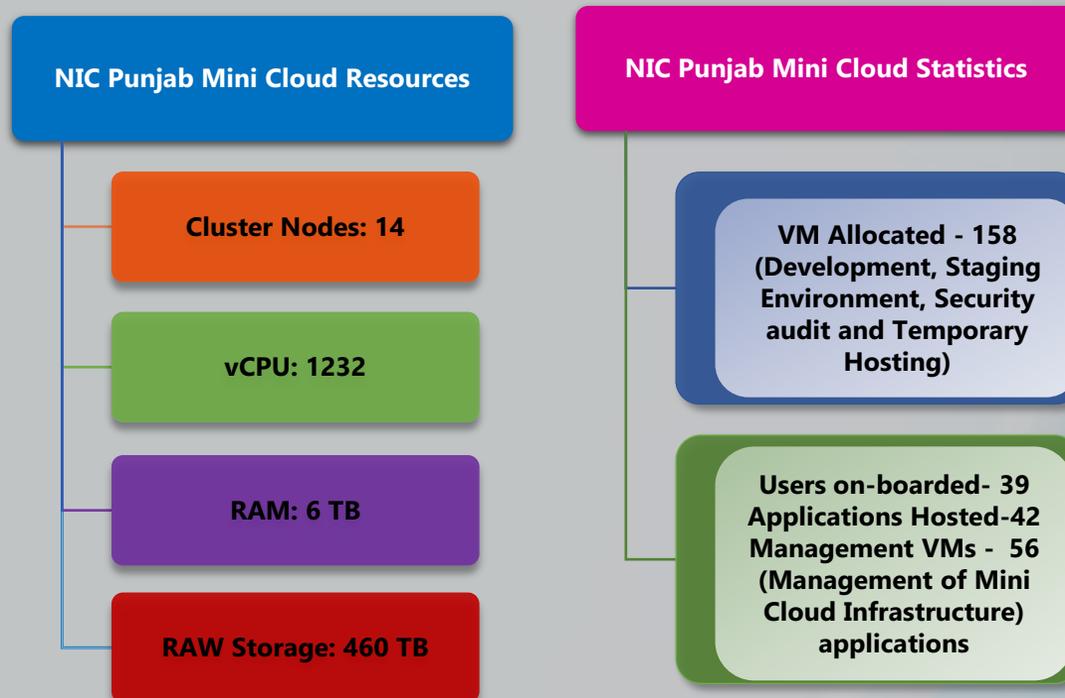
## MeghRaj cloud.nicsi.nic.in/

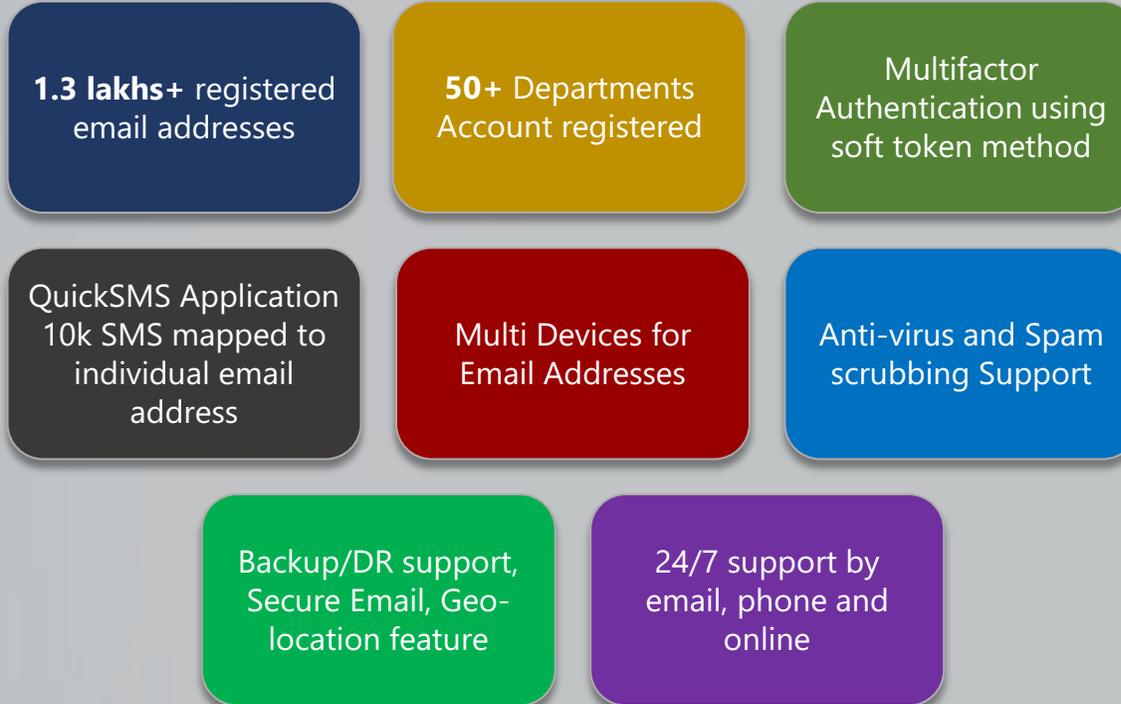
In order to utilize and harness the benefits of Cloud Computing, Government of India has embarked upon an ambitious initiative - "GI Cloud" which has been named as 'MeghRaj' to ensure optimal use of infrastructure & associated resources. Cloud Services are packaged in line with the requirements of Government Departments making it easier for them to make the right choice. NIC Punjab has been allocated cloud area to cater to the needs of Punjab State.



## Mini Cloud Punjab pbstatecloud.nic.in/

State-of-the-art HCI based Cloud infrastructure at NIC Punjab State Data Centre for providing resources to DIOs for development, testing, security audit and temporary hosting of Web based, Linux and Windows platform.

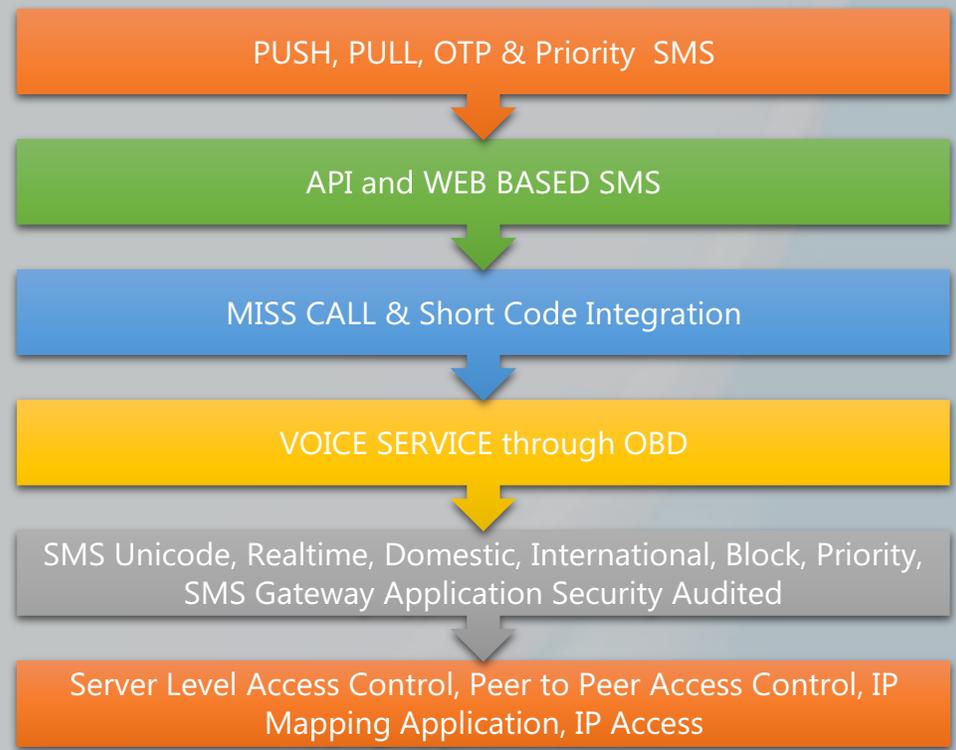




**Top SMS Users**

- ✓ DIPR Punjab
- ✓ Department of Excise
- ✓ PBSTCL
- ✓ DoGR, Government of Punjab
- ✓ Punjab Mandi Board
- ✓ AG Punjab

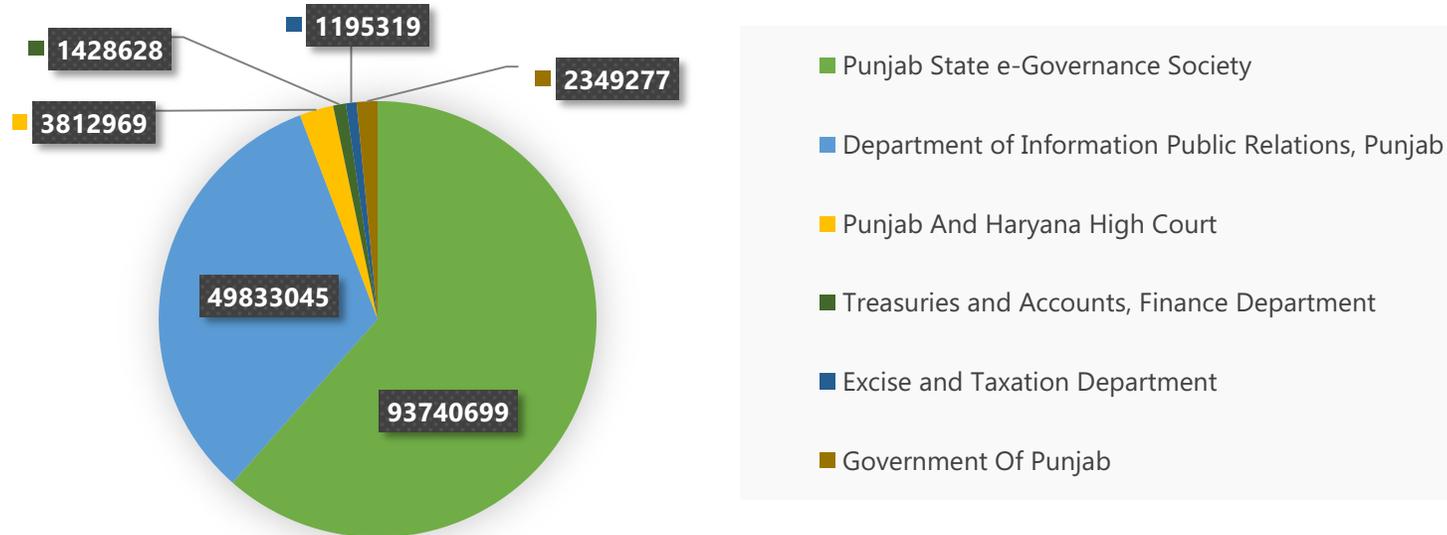
**6 CR+ Monthly SMS Sent**



**Top Email Users**

⑩ Punjab.gov.in	✓ Puda.gov.in
⑩ Punjabpolice.gov.in	✓ Gmada.gov.in
⑩ Peda.gov.in	✓ Ciab.res.in
⑩ Punjabinfotech.in	✓ Nabi.res.in
⑩ Psdm.gov.in	✓ Pbrdp.gov.in
⑩ Ppcb.gov.in	✓ Pulsa.gov.in
⑩ Pmb.gov.in	✓ Investpunjab.gov.in
⑩ Prsc.gov.in	✓ aiimsbathinda.edu.in

## Out Bound Dialer (OBD)



**SMS Traffic of Year 2021**



**Year-wise SMS Traffic**

## Skoch

- ✓ ITI Portal
- ✓ ITI eCounseling-2014
- ✓ Invest Punjab

## CSI Nihilent and Digital India Award

- ✓ Invest Punjab

**2016**

## Skoch

- ✓ Automation of Economic and Statistical Organization
- ✓ Implementation of eOffice in DC office Barnala, DC office Fatehgarh Sahib & DGR Punjab

**2017**

## CSI Nihilent

- ✓ PPSC (Punjab Public Service Commission (PPSC))
- ✓ eOffice Implementation in Punjab

**2017**

## Skoch

- ✓ e-Labour Punjab
- ✓ eOffice Implementation in DGR Punjab

**2018**

## Award for Excellence

- ✓ eOffice Implementation in Punjab

**2019**

## Digital Technology Sabha Award

- ✓ Release Order System PAROS

**2021**

## District Governance Through Mobile Challenge (DGMC)

- ✓ NIC Punjab won Silver Award
- ✓ NIC Faridkot Bronze Award

**2021**

## Digital India Silver Award

- ✓ Invest Punjab

**2022**



## Technology Sabha Award

- ✓ eAbkari Punjab

**2023**

## CSI Award of Appreciation

- ✓ Invest Punjab

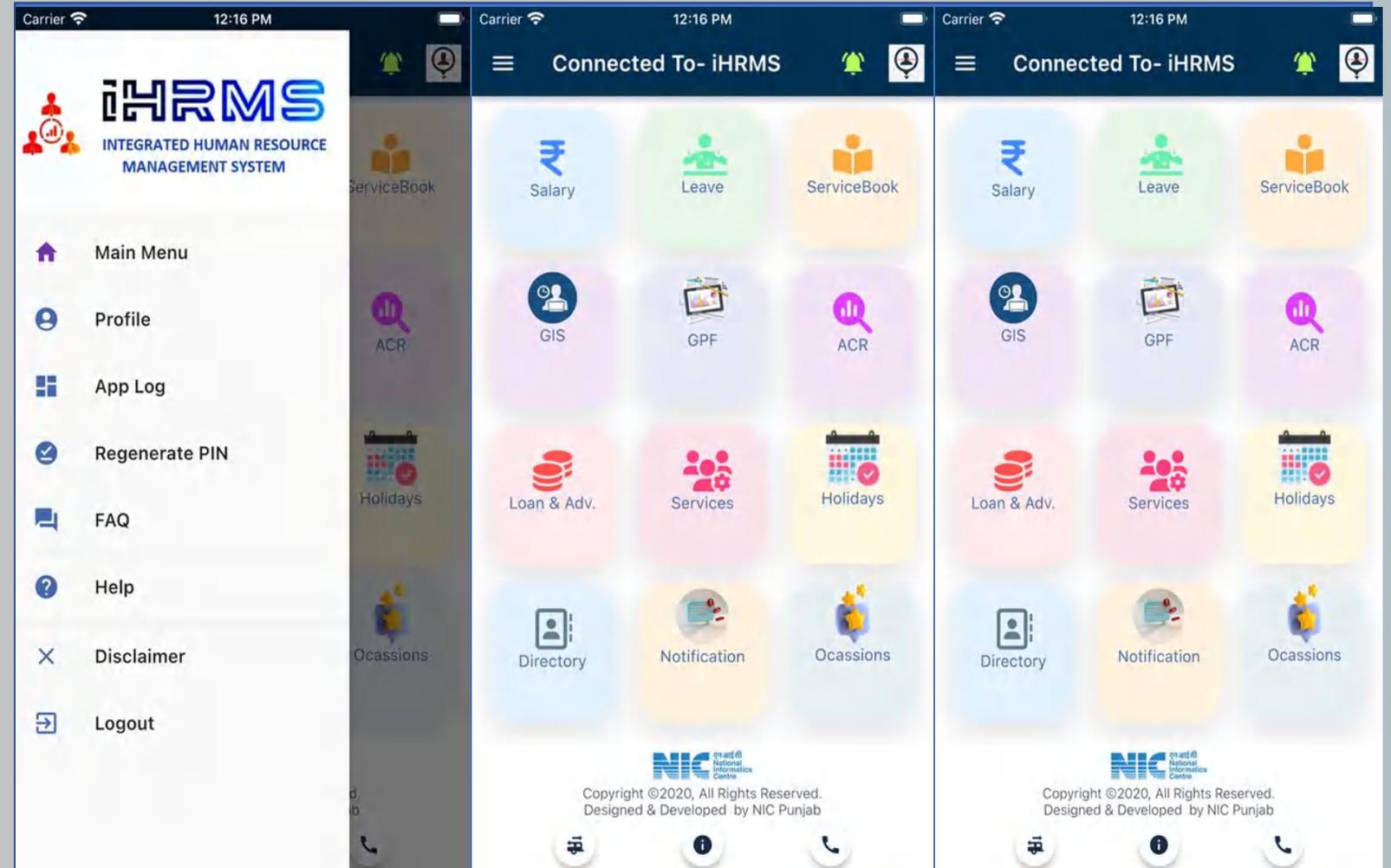
**2023**



## iHRMS

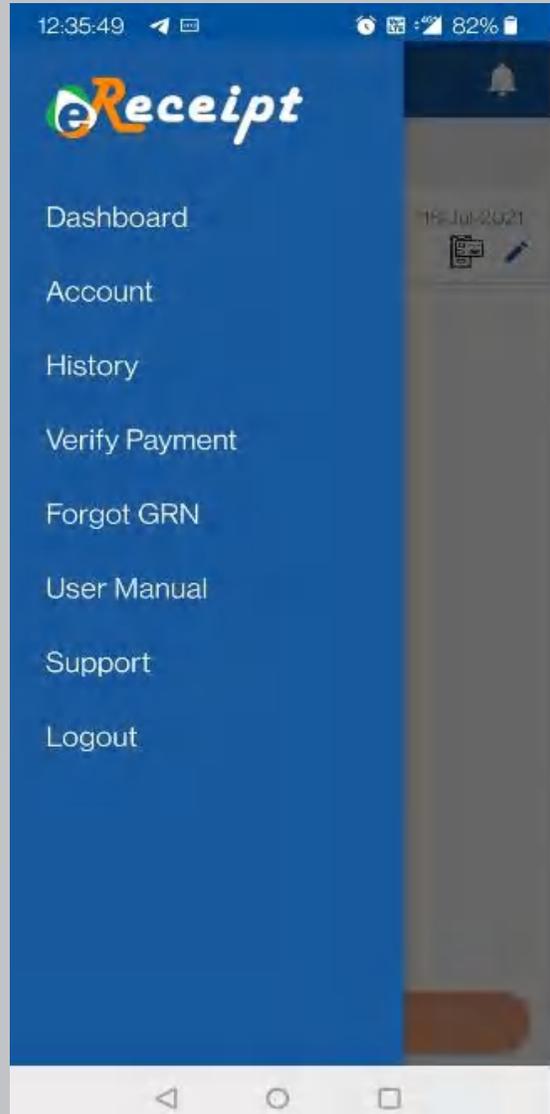
Integrated Human Resource Management System is an integrated application for managing HR activities of employees in Punjab. The system updates data of 3.60 Lakh employees regarding their Service, Salary, GPF, GIS, Arrears, Increment, Property Return, ACR, Leave management etc.. iHRMS App, developed by NIC- Punjab is an **hybrid app** developed using Flutter/Dart facilitating employees to view their Service details, Pay Slip, TDS, Annual Salary Statement (current and projected), requests for increasing / decreasing income tax deductions, apply GPF withdrawals, viewing GPF Ledger & Statement, GIS Statement, apply leave & view leave approval status and viewing Leave Ledger etc.. This application also show general/analytical Dashboard to various administrators.

The app download count is 1.5 Lakh Plus.



## eReceipt IFMS

eReceipt Mobile App facilitates collection of Tax/Non-Tax revenues in both Online (via NetBanking, Debit/Credit Card, Airtel Payment Bank, UPI Payments (Google Pay, PhonePe, Bhim App, PayTM and Amazon Pay) as well as Offline mode (via RTGS).



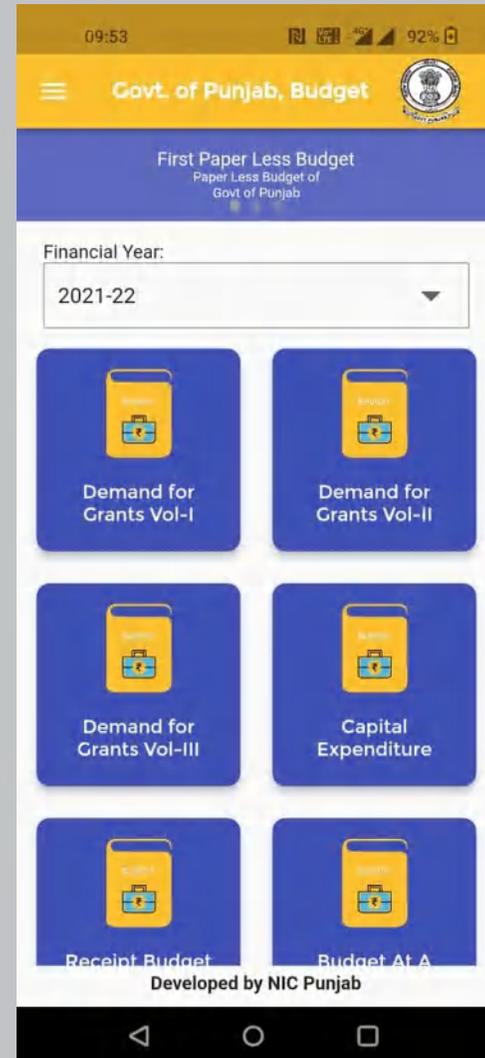
## Ferozepur Canal Circle Regulation App

Ferozepur canal circle of Punjab supplies irrigation water and drinking water through extensive network of canals/distributaries/minors to district Ferozepur, Faridkot, Fazilka and Shri Muktsar sahib. This system is fed from the confluence of the Beas river and Sutlej river at the Harike Barrage. Main canal i.e. Ferozepur feeder originates from Harike Headworks and is the main carrier of Ferozepur canal system and it further supplies water to Sirhind feeder system and Main branch system. The mobile app provides the information about canals and heads of Ferozepur Canal Circle.



## eBudget

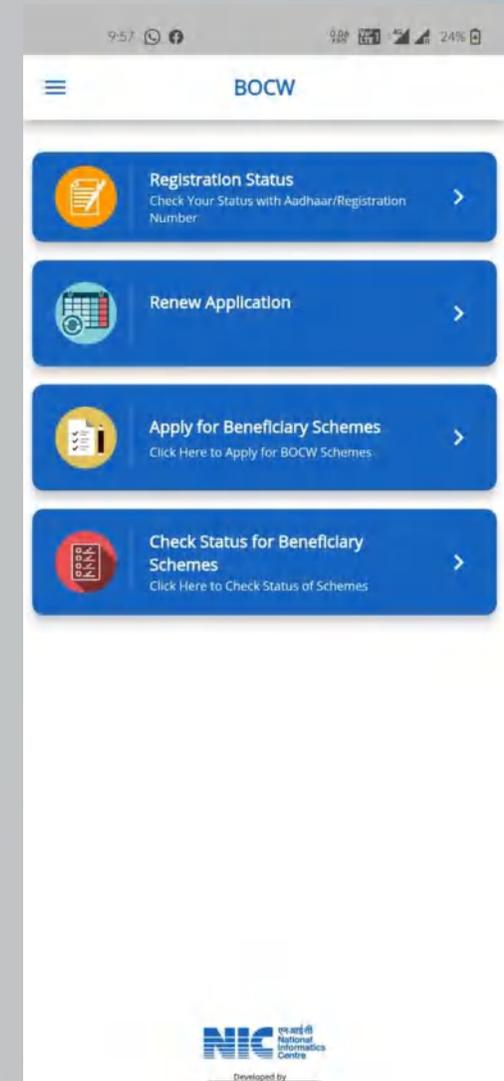
Govt. of Punjab has launched its first paperless Budget for FY 2022-23 through this Mobile App. It also facilitates taking Feedback from citizens of Punjab.



## BOCW

Its objectives are as:

- Registration coverage to all Construction Workers
- Social Security umbrella to all Construction Workers
- Optimal utilization of Cess Fund
- Creation of Construction Worker Database.

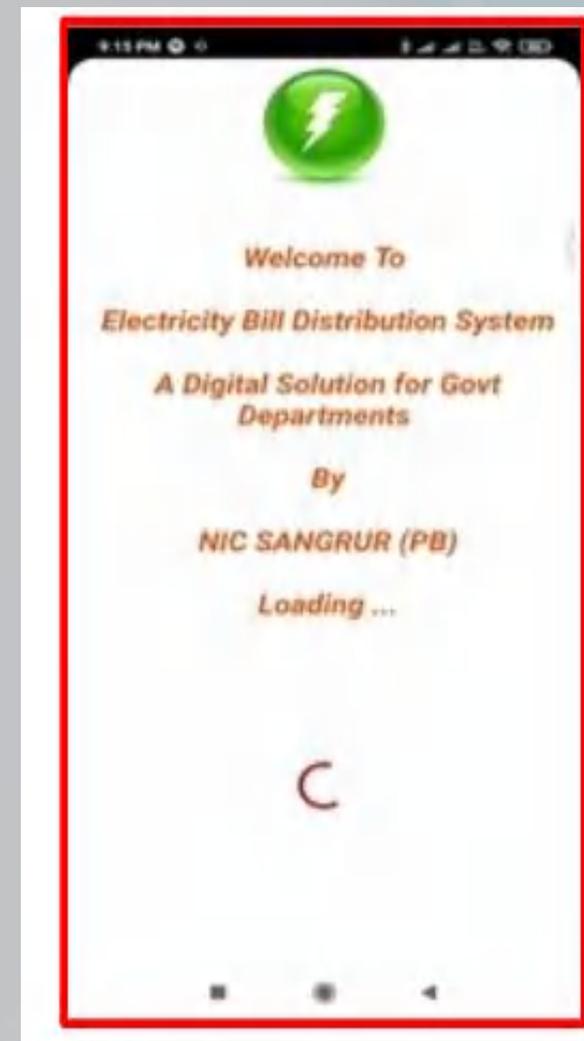


**mNivaran** The peculiar features of this app helps citizens to seek for immediate help when their life in danger by just one click. Girls can seek immediate help using panic button. Geolocation based tracking will help if Citizen is in danger. In addition Citizens can lodge complaints, suggestions and feedback to any office with or without disclosing their identity. Citizens can also upload and send image of issues which they want to bring in notice of District Administration.



## Electricity Bill Distribution

This app is role based i.e. Admin User and Normal Users. The Admin User can add and edit the Load Percentage of each and every department and then can calculate the electricity bill of every office. The Normal users can see their share of electricity bill and other details like Payment bank a/c no, IFSC details etc.. and then can send their Payment acknowledgement.



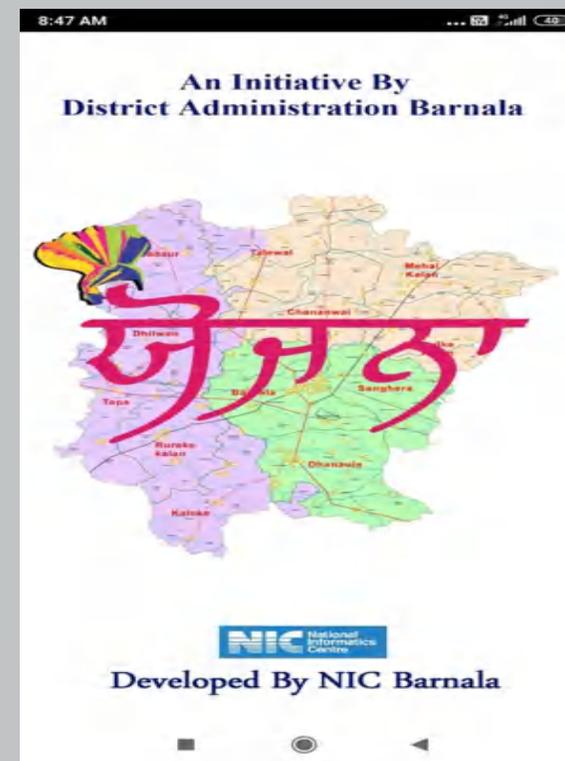
## District Dashboard Fatehgarh Sahib

This mobile app has been developed in house for providing and dissemination of more and more information regarding programmes, policies, procedures and forms of various Govt. schemes to general public through these mobile apps as around 70% population is equipped these days with mobile devices in the country.



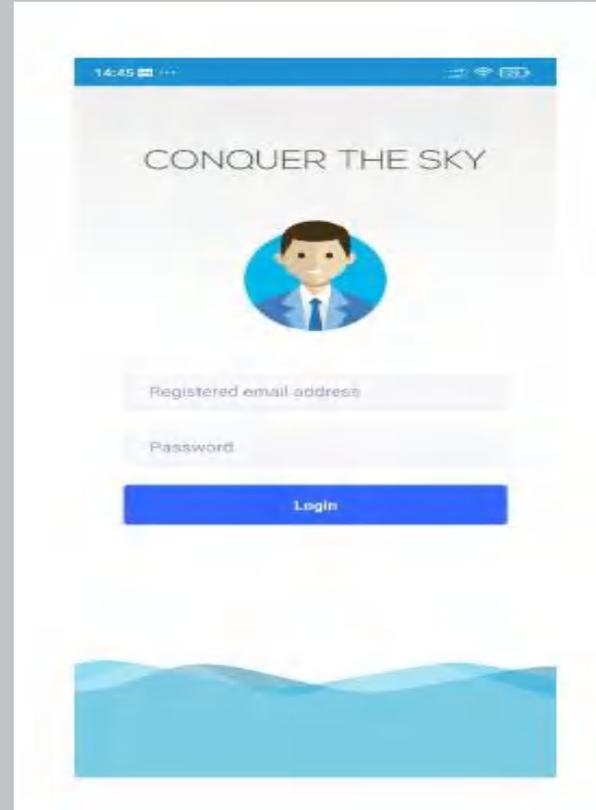
## YOJNA App

This bilingual mobile app covers all benefit oriented schemes of 17 government departments of Barnala District.



## Conquer the Sky

Conquer the Sky campaign is a noble initiative by the District Administration, Tarn Taran to promote sports and extra curricular activities among girls. This mobile app facilitates the administrator to get various statistics about the campaign on his mobile device. This mobile app keep record of all the students registered under the campaign, results of medical tests performed on the students (which is part of the campaign), and complete record of diet of every student as recommended by the dietician based on the results of the medical tests.



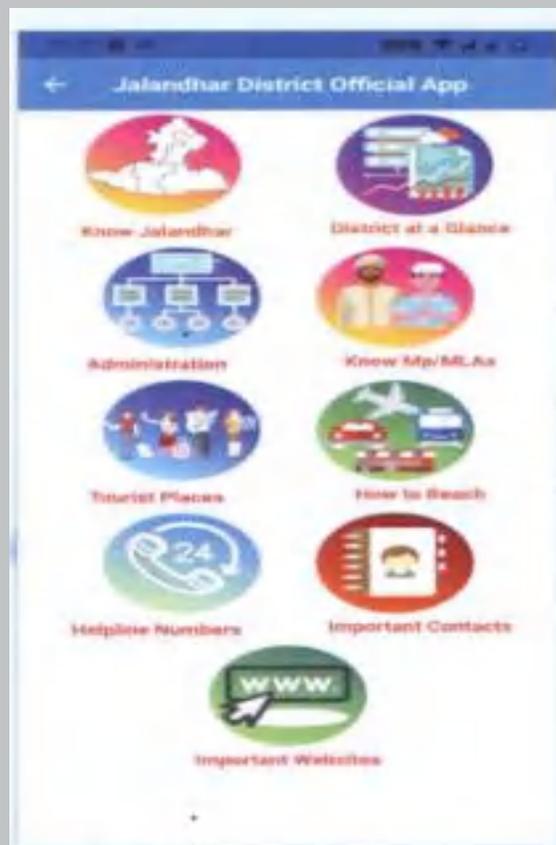
## Career Counseling

This app is very beneficial for the students and cover all aspects of career counseling Guidance. Students can search various types of career options for their future.



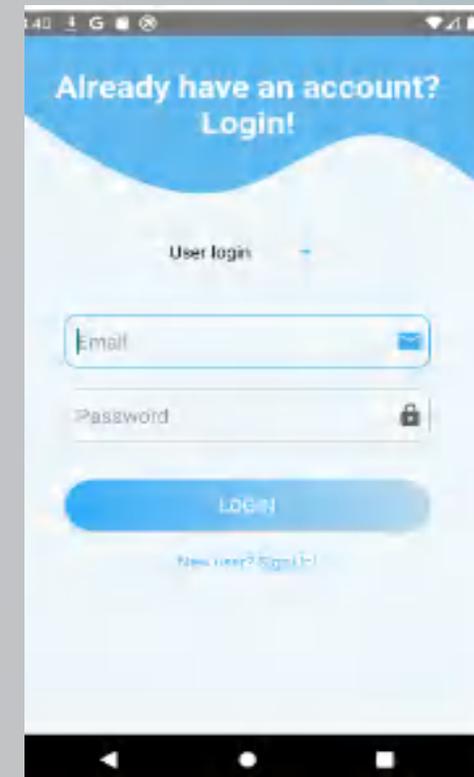
## JalandharApp

This mobile app is developed with an aim of disseminating information about Jalandhar district among the Citizens in mobile friendly manner. Citizens can search for basic information, brief History of Jalandhar District, Important places to visit and Important key contacts/ links to Government services.



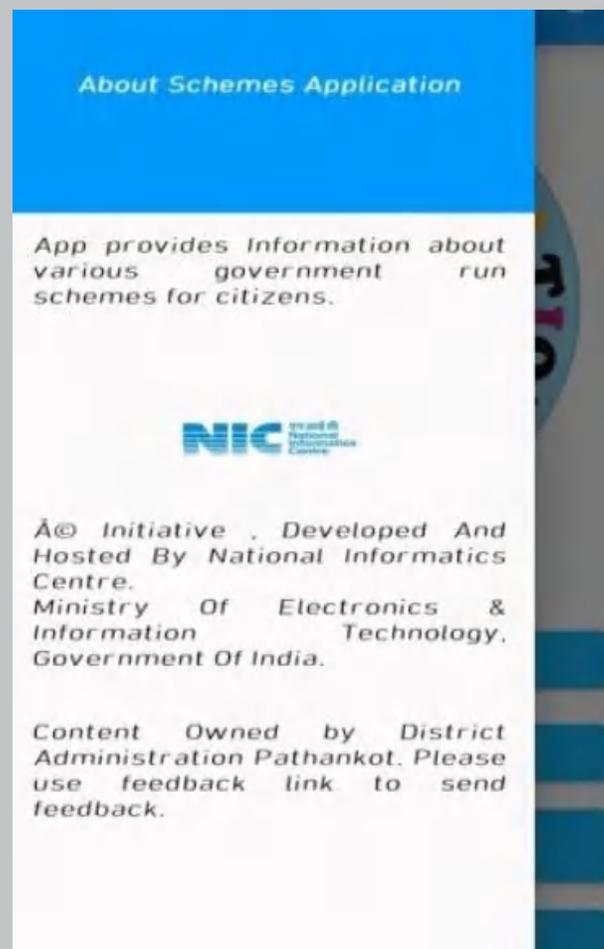
## GovContact

'GovContact' is a government contact directory in which all the government officials contacts will be available for convenience of common citizens for District Administration Patiala. In the application we are providing phone number, email ID and address location of the particular office. User can access the contact details of various officers. User can call, write email and can view office address location of a concerned officer. -



## Scheme Information Pathankot Mobile App

The mobile application is C2G and provides information about the various schemes running under government departments to citizens. Citizens can search among various schemes as well as browse a particular scheme under an office. Citizen also has option to check his eligibility for a particular scheme. Citizen can download form for application to a particular scheme.



# Flagship Applications



## Features

- ✓ Single Solution
- ✓ Unique ID
- ✓ Fitting of CSR
- ✓ Role & Work Based Flow
- ✓ Base for other Applications
- ✓ Department Specific MIS
- ✓ MIS/DSS Reporting
- ✓ Mobile Apps
- ✓ Automated Updates

## Reengineering

- ✓ Defined Rules at Back & Front End
- ✓ Double Authentication & Verification of Transactions
- ✓ Variation Permissible within fitted Business Rules For Different Entities
- ✓ Reduction in Processes

## Capacity Building

- ✓ Continuous Trainings
- ✓ Help Desk & eMail Support
- ✓ Training Videos on (YouTube)
- ✓ Chatbot 24 x 7 Availability
- ✓ Soft Copies of Manuals, PPTs & Brochures
- ✓ Trained Master Trainers Pool

## Stake Holders

- ✓ State Government
- ✓ AD Department
- ✓ Organization under AD
- ✓ Offices in Departments
- ✓ DDOs
- ✓ AMAs
- ✓ Deputy Commissioners
- ✓ Employees
- ✓ Accountant General
- ✓ PSU/Boards/Corp.

## Road Map

- ✓ AI in Allocations & Expenditure Monitoring
- ✓ Rationalization Of Manpower & Planning Requirements
- ✓ Robust Dashboards
- ✓ iHRMS as SaaS
- ✓ Single Pension Authority, DDO, AMA etc.
- ✓ iHRMS Directorate
- ✓ Liabilities & Cost Assessment Projections

2016

- ✓ Service Book
- ✓ Master Data Collection

2017

- ✓ Enhancement In Service Book
- ✓ Property Module

2018

- ✓ eSalary(employees)
- ✓ eSalary(legislature)
- ✓ GPF management
- ✓ GIS
- ✓ Loans & advances
- ✓ Increment
- ✓ Income tax

2019

- ✓ Leave & ex-India leave
- ✓ Arrears
- ✓ LTC & leave encashment
- ✓ External manpower
- ✓ Mobile app(android)

2020

- ✓ Covid-19
- ✓ ACR
- ✓ Additional charge
- ✓ Replication & data sharing
- ✓ Pension management

2021

- ✓ EPPO
- ✓ Mhaazri Mobile app
- ✓ IHRMS Mobile
- ✓ Medical reimbursement
- ✓ iHRMS- IFMS integration
- ✓ SSS Integration

2022

- ✓ IAS/PCS Transfer & Placement
- ✓ Query Management System
- ✓ Meeting Management System
- ✓ Knowledge Management System

2023	2023	2024	2024
<ul style="list-style-type: none"> <li>✓ SAS Module</li> <li>✓ Pension Management System</li> <li>✓ Medical Bill Reimbursement Management System</li> <li>✓ New Flow for various service book updations</li> <li>✓ Integration with AG Punjab for Online pension case transfer</li> </ul>	<ul style="list-style-type: none"> <li>✓ Employee registration and Salary module for Special Cadre</li> <li>✓ E-Sign Integration with Service book updations, Pension and Medical reimbursement System</li> </ul>	<ul style="list-style-type: none"> <li>✓ PROJECT PROPOSAL</li> <li>✓ FOR Pensioner Information management System(legacy)</li> <li>✓ PROJECT PROPOSAL</li> <li>✓ FOR roaster management system</li> <li>✓ Centralized DDO for PSPTL</li> </ul>	<ul style="list-style-type: none"> <li>• Integration with Parichay(SSO)</li> <li>• Creation of Additional ACR formats for Education department(in progress)</li> </ul>

<b>Administrative Departments</b> (56)	<b>Govt. Departments</b> (154)	<b>Boards</b> (23)	<b>Institutes</b> (7)
<b>Corporations</b> (20)	<b>Bank</b> (2)	<b>Councils</b> (2)	<b>Autonomous Body</b> (3)
<b>Commission</b> (3)	<b>Authority</b> (3)	<b>Autonomous Body</b> (3)	<b>University</b> (6)
<b>Offices</b> (41720)	<b>Registered Employees</b> (492159)		

## iHRMS – DATA SHARING

<b>1</b> CRIME & CRIMINAL TRACKING NETWORK & SYSTEMS (CCTNS)	<b>2</b> INTEGRATED FINANCIAL MANAGEMENT SYSTEM(IFMS)	<b>3</b> VEHICLE MANAGEMENT SYSTEM (VMS)	<b>4</b> E-PRISON
<b>5</b> AG OFFICE (PENSION)	<b>6</b> PUNJAB STATE WAREHOUSING CORPORATION	<b>7</b> PUBLIC WORKS DEPARTMENT(PWD)	<b>8</b> NATIONAL HEALTH MISSION
<b>9</b> EAWAS CHANDIGARH	<b>10</b> EAWAS PUNJAB	<b>11</b> PUBLIC GRIEVANCES	<b>12</b> PUNGRAIN
<b>13</b> RTI PORTAL	<b>14</b> CM DASHBOARD	<b>15</b> <i>Election</i>	<b>16</b> PSPTL (in progress)

## Road Ahead/In Progress.....

**Integration with DIGILOCKER (e.g. ePPO, GPF Statements etc.)**

**Integration with Aadhaar Data Vault**

**Integration with Parichay for Single Sign ON (SSO)**

**Creation of Old Pensioner Database**

**Integration with other stakeholders like Banks and Accountant General Punjab**

**Data Archival Policy**

**NPS Contribution Management System**

**Re-Architecting of existing system into microservice based software using .NET Core/MS SQL Server 2022 Enterprise Edition**

**Implementation of Table Partitioning Strategy for high volume data tables**

**Implementation of Command Query Responsibility Segregation Pattern(CQRS) for various iHRMS Punjab Databases**

**Bilingual Chat Bot Support ( NLU based) using Google DialogFlow/Vani Framework**

**GIGW Compliance audit of iHRMS Punjab web portal**

**New Process Flow for Various Service Book Updates with E-Sign facility**

**Two Factor Authentication (2FA)**



eBudget



eTreasury



eReceipt



**Audit Management System (AMS)**



**Vehicle Management System (VMS)**



**Govt. Property Management System (GPMS)**



**Management Information System (MIS)**

New next gen IFMS is designed to bring efficiency in financial planning and expenditure control in the state. This platform has brought stakeholders like Department of Finance, Treasuries, Administrative Departments, Accountant General (AG), RBI, Banks and Citizens on a single platform. Smart Dashboards have provided a better Decision Support System and brought efficiency in expenditure control.

Details of coverage targeted Population (FY 2022-2023)

No. of Administrative Departments : 48

No. of Head of the Departments (HODs): 105

No. of Budget Controlling Officers (BCOs): 125

No. of DDOs: 8,479

No. of Users eReceipt: 76,109

No. of Treasuries & Sub-Treasuries: 98

No. of Users Treasuries & Sub-Treasuries: 16,958

Details of coverage targeted Statistics (FY 2022-2023)

No. of Payments Made through eKuber: 57,60,420

No. of Payees: 22,39,076

No. of Bills Cleared: 10,33,589

Cleared Bill Amount (In Cr.): 1,07,890

Amount Deposited (In Cr.): 40,571

No. of Transactions: 97,87,573

Budget Amount (In Cr.): 1,55,860

Amount Disbursed (In Cr.): 1,87,526

Implementation of e-Vouchers at Treasuries.

New Debt Management System in integration with eReceipt

Integration with eKuber for eReceipts

## Future Roadmap



**Provides simplified, responsive, effective and transparent working in Government offices for Inter-Government and Intra-Government transactions and processes**

IMPLEMENTATION	
120 Departments (More than 1200+ offices)	200+ Directorates/ Corporations/ Educations
23 DC Offices	16 Lakh+ eFiles
71 Lakh + eReceipts	57,500 + Users

- ✓ eOffice Adopted as Service
- ✓ eOffice Portal URL:
- ✓ Launched YouTube channel
  - ✓ 1.75 lakh views
  - ✓ 25000+ watch hours
- ✓ 8 eOffice instances (25000+ active users in one of instance, one of the leaders across India)
- ✓ Intra instances movement
- ✓ Integration with other major applications like HRMS, CM Nirdesh
- ✓ **Awarded** with CSI Nihilent, Skotch, Digi Gov, eLets etc.
- ✓ **Applications/Utilities Developed:** eOffice Dashboard, Training Calendar, Training feedback form, EMD Data Collection, Identity Card Issuance System, Verification Document, Tracking of File movement, MPR data
- ✓ Nabi eOffice hosted at State Data Centre @ Rs 12 lakh Per annum ( Revenue generation)
- ✓ Deployed in NIT Jalandhar own Data Centre
- ✓ Under process in AIIMS Bhatinda

<p><b>DC Offices</b> <a href="https://eoffice.punjab.gov.in">https://eoffice.punjab.gov.in</a> Users: 7513+ Receipts: 25 Lakh+ eFiles: 5.1 Lakh+</p>	<p><b>Departments</b> <a href="https://eofficepbstate.punjab.gov.in">eofficepbstate.punjab.gov.in</a> Users: 27 Thousand+ Receipts: 31 lakh+ eFiles: 6.5 Lakh+</p>
<p><b>Health</b> <a href="https://eofficehealth.punjab.gov.in">eofficehealth.punjab.gov.in</a> Users: 280+ Receipts: 7.5 Thousand+ eFiles: 7.2 Thousand+</p>	<p><b>Boards &amp; Corp.</b> <a href="https://eofficepmb.punjab.gov.in">eofficepmb.punjab.gov.in</a> Users: 11 Thousand+ Receipts: 7 lakhs+ eFiles: 2.1 lakh +</p>
<p><b>Police</b> <a href="https://eofficepbpolice.punjab.gov.in">eofficepbpolice.punjab.gov.in</a> Users : 6600+ Receipts: 5.5 Lakh+ eFiles: 89 Thousand+</p>	<p><b>Universities (All)</b> <a href="https://eofficepau.punjab.gov.in">eofficepau.punjab.gov.in</a> Users: 4 Thousand+ Receipts: 1.6 Lakh+ eFiles: 1.1 Lakh+</p>
<p><b>NIT Jalandhar</b> <a href="https://eoffice.nitj.ac.in">eoffice.nitj.ac.in</a> Users: 250+ Receipts: 680+ eFiles: 220+</p>	<p><b>Milkfed</b> <a href="https://verkaeoffice.punjab.gov.in">verkaeoffice.punjab.gov.in</a> Users : 542+ Receipts: 16.5 Thousand+ eFiles: 27 Hundred+</p>
<p><b>NABI, Mohali</b> <a href="https://eofficeciab.nabi.res.in">eofficeciab.nabi.res.in</a> Users: 55 Receipts: 6 Thousand+ eFiles: 1450+</p>	

## eOffice Journey

- ✓ Project Initiated in District Mansa  
**URL: [eoffice.punjab.gov.in](http://eoffice.punjab.gov.in)**
- ✓ Training Instance Deployed  
**RL: [eofficetraining.punjab.gov.in](http://eofficetraining.punjab.gov.in)**
- ✓ Funds Received: Rs. 2.41 Cr.

eOffice Launched in entire State by Chief Minister of Punjab.

- 200 Offices On-Boarded
- 28 Thousands Users on-boarded
- ✓ eOffice Implemented in 5 States in CBIC (Approx 1100 Users)

- ✓ Replication of eOffice in CBIC in PAN India for 50 Thousand users
- ✓ **[cbiceoffice.gov.in](http://cbiceoffice.gov.in)**
- ✓ Deployed in NDC
- ✓ Project Cost: 40 Cr.



- ✓ Replicated in rest of the 21 Districts.
- ✓ Total Funds Received: 26.46 Cr.
- ✓ Hardware Procured (893 Desktop, 745 UPS, 413 MFP, 42 Scanners)
- ✓ Network – 4113 nodes installed
- ✓ 22 Training Labs Established
- ✓ 22 Central Registry Unit's Established.
- ✓ eOffice Implemented in Verka Department  
**[verkaeoffice.punjab.gov.in](http://verkaeoffice.punjab.gov.in)**

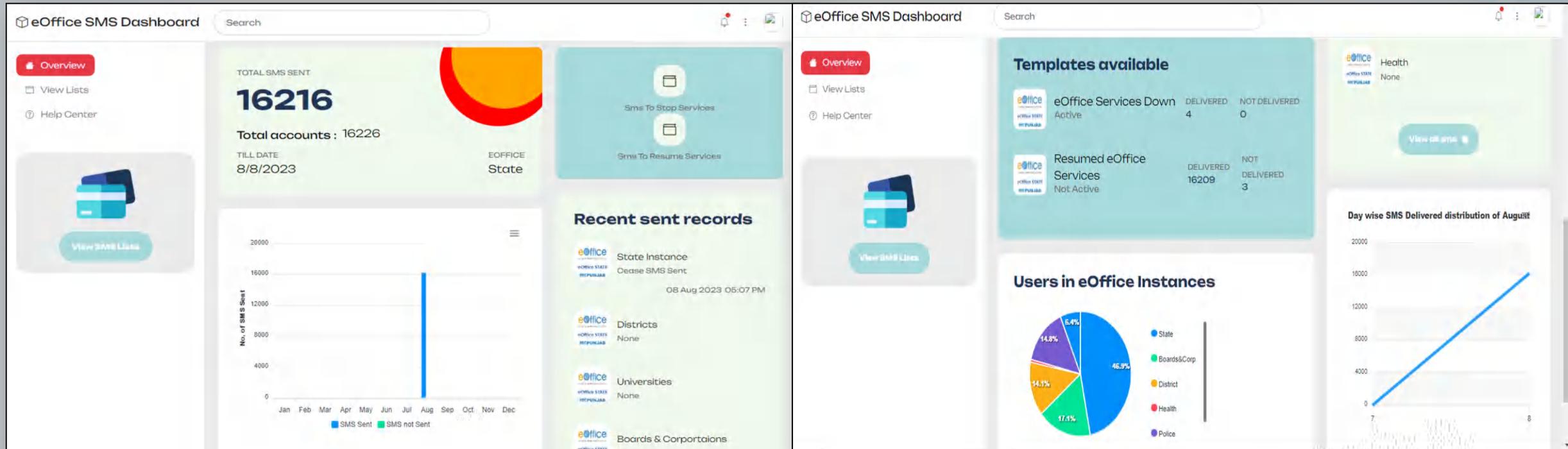
Additional 5 instances deployed at State Data Centre, Punjab as listed

- [eofficepbstate.punjab.gov.in](http://eofficepbstate.punjab.gov.in)**
- [eofficepmb.punjab.gov.in](http://eofficepmb.punjab.gov.in)**
- [eofficepau.punjab.gov.in](http://eofficepau.punjab.gov.in)**
- [eofficepbpolice.punjab.gov.in](http://eofficepbpolice.punjab.gov.in)**
- [eofficepbhealth.punjab.gov.in](http://eofficepbhealth.punjab.gov.in)**
- LDAP Created
- One stop solution portal launched  
**<https://eofficeportal.punjab.gov.in>**

- ✓ State Instance shifted to 3-tier Architecture
- ✓ New LDAP Created
- ✓ eOffice Shifted to SSO

- ✓ eOffice Migration for eOffice OLD to eOffice New generation v7 is **Completed** in Punjab Government Instances **except District Instance.**
- ✓ **District instance is updated to efile 6.**

# SMS Dashboard



- SMS Dashboard facilitates real-time alerts to users.
- Alerts triggered when eOffice Services are about to pause or resume
- Users receive advance notification about impending service downtime.
- Instance wise SMS Analytics.
- SMS Statistics

## Parameterized and configurable application

### CMS

Specially Developed Content Management System for PPSC

### Responsive Design

compatibility with all types of devices

### Admin Area

- ✓ Advertisement Creation
- ✓ User Management
- ✓ Access Control
- ✓ Conduct of Examination
- ✓ Information disseminate



CSI Nihilent e-Governance Awards 2017  
under Best eGovernance Project

### Advertisement

- ✓ Creation
- ✓ Schedule
- ✓ Approval
- ✓ Publish
- ✓ Rejection

### Candidate Area

- ✓ Apply for the Post
- ✓ Online Pay Fees
- ✓ Download Admit Card
- ✓ View Result
- ✓ SMS/Email Integration

### Security

- ✓ SSL enabled
- ✓ Enhanced encryption techniques
- ✓ SMS / E-mail alerts



**Advertisement Published**  
324



**Registered Candidates**  
7,26,797



**Payment Transactions**  
5,55,106



**Admit Card Issued**  
4,44,248



# Application Coverage

Single multi-tenancy application for all Municipal Corporations/Councils under the control of Local Government Punjab

**Local Government**

Chief Minister  
Minister  
Secretary Director  
Branches

nt

**Municipal Corporations**  
**(13)**

House Secretary

Mayor  
Commissioner  
MC Departments

**Councillors**

**Municipal Councils**  
**(101)**

House Suptd.

President  
Executive Officer  
MC Departments

## At each MC level:

- The proposals and various requests are submitted by the Councillors to the concerned MCs.
- After scrutiny and adding estimates/other necessary documents, the proposals are sent to the House Secretary through the hierarchy starting from HoD, Joint Commissioner, Commissioner and Mayor of the concerned MC.
- Agendas are prepared and resolutions are passed by the concerned MCs.
- After adding Commissioner comments, each Municipal Corporation/Council submits the resolutions to the Local Government for approval.

\*

**A cloud based Configurable Product for delivering public websites and authorised web portals for Local Government and MCs using Parichay Single Sign-On**

\*

**Automate the process involved in working of House of the Municipal Corporations (13) and Municipal Councils (101) of Punjab including House Committee (F&CC) and managing Ward Areas by the Councillors.**

## e-Ward Area Management

- Councillors may send complaints, information or demands of wards to the respective MCs and know the action taken on their requests.
- Ward-wise Monitoring of projects/works

## At Local Government level:

- The Director LG has options either for approval, rejection, sending back for clarification, taking comments from experts at State level or sending for approval to the higher authority of Local Govt. viz. Secretary, Minister and Chief Minister.
- After approval of the resolutions, the Local Govt. authority has to monitor the implementation of approved resolutions in various Municipal Corporations/Councils of Punjab.
- Local Govt. authorities has option to monitor the activities of Wards in each MC of the Punjab.

**One State One Application**  
**First of its kind in India**  
**Implemented at MC Mohali**  
**Pilot test at MC Zirkepura and LGD**

Invest Punjab Business First is a single window clearances system (SWCS) to facilitate new and existing investors of Punjab. It is helping investors in having Regulatory Clearances and Fiscal Incentives for setting up and running businesses in the state of Punjab.



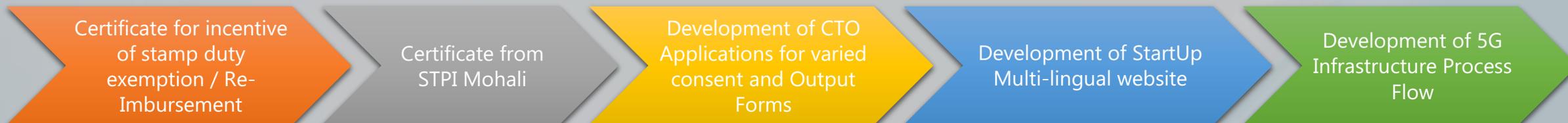
### Salient Features

- ⑩ Land Bank , Know Your Approvals, One-Time Registration, Dynamic - Common Application Form (D-CAF), One-Time Document Submission, Online Payment Gateway, Online paperless filing and backend processing, QR Code based verifiable approvals, Time bound Approvals as per Punjab Transparency Act, Provision for Third Party Verifications, Smart Dashboards for Decision Makers, Tracking of applications through Data Analytics, Pendency intimation to authorities on 50%, 75% and 90% ageing of the application, Real time status/alerts through SMS & Email, Tracking of MoUs through MoU Tracker, Business Query Handling, Grievance Redressal Mechanism, Intra-department, Communication mechanism, Feedback Entry & Publishing Mechanism

### Business First Statistics

- Total Projects: 11,573
- Proposed Investment: 5,32,521Cr
- Proposed Employment: 11,29,916
- Regulatory Applications: 1,33,871
- Incentive Applications: 1,896
- Total No. of Investors: 91,471
- Total No. of Officials: 4,312
- Stakeholder Departments: 54

### Future Roadmap: Design and Development of Online modules



## Generic platform for registration of properties and document in Punjab



- Provision of online document & submission electronically.
- Online valuation module with stamp duty calculation
- SMS facility to send alerts to citizens and departmental users.

**Punjab is the first state of India in Implementing NGDRS.**

- ✓ Operational in the entire state since 2017
- ✓ Online valuation module with stamp duty calculation
- ✓ Role based access to citizens and department users
- ✓ SMS alerts to citizens & departmental users.
- ✓ Email enabled alerts to citizens & users
- ✓ Linkage with Land records system, Payment Gateway and Stock Holding Corporation OF India Limited (SCHIL)
- ✓ Daily, Monthly & yearly MIS reports and cash book/account related reports

**One Nation One Application**

## Challenges

DISE is randomization software in Client/Server mode for Election Department for formation of various parties / teams, EVM machines etc. as per ECI guidelines developed using Micro Soft Technology. The software is designed to handle Assembly, Parliament, Panchayat and Municipal Elections. DISE-MC and DISE-NP are randomization software developed for State Election Commission for Municipal Corporation and Nagar Panchayat Elections respectively.

Besides Punjab, DISE is being used in Himachal Pradesh, Karnataka, Delhi, Chandigarh, Mizoram and Manipur

Technology used is very old and obsolete.  
There are compatibility issues with newer Operating Systems and database software's

As the technology used is obsolete, it is difficult to maintain and support.

Seagate Crystal reports is out-of-date hence difficult to maintain existing reports and incorporate new reports

Data entry and consolidation is difficult because data entry capsule is installed in various offices and the data entered by offices is consolidated in district election offices through CDs or USB Drives.

Installation and configuration is difficult because of obsolete technology

## Salient Features – Web based Polling Personnel Management

Web based application for importing available employees data from iHRMS/ Treasury using APIs/ CSV/Excel files.

Functionality for data capturing/ updation of employees details in English and local language with data encryption.

Random distribution of staff among various venues and scheduling of rehearsals.

Provision to manage shortfall of staff after first stage by pushing additional staff.

- All randomization activities for Polling Staff, Micro-Observers and Counting Staff.
- Management of Exemptions, Absentees & Cancellations etc.
- Generation of Duty Orders, Form 12, 12A and EDC etc
- Identity cards with photo for staff deployed on election Duty.
- Flexibility to tweak selection criteria depending upon the availability of staff in the districts.
- Role based Dashboard and Various types of reports.
- Regular alerts and updates

## District Dashboard

nextgendise.punjab.gov.in/dashboard

NextGen DISE Dashboard Masters Transactions Reports User Management A

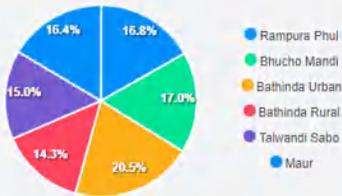
District Dashboard District- Bhatinda

District Summary

- 86 Departments
- 210 Sub-departments
- 1156 Offices
- 6952 Total Employees
- 579 Polling Locations
- 1192 Polling Booths

Polling Location & Polling Stations

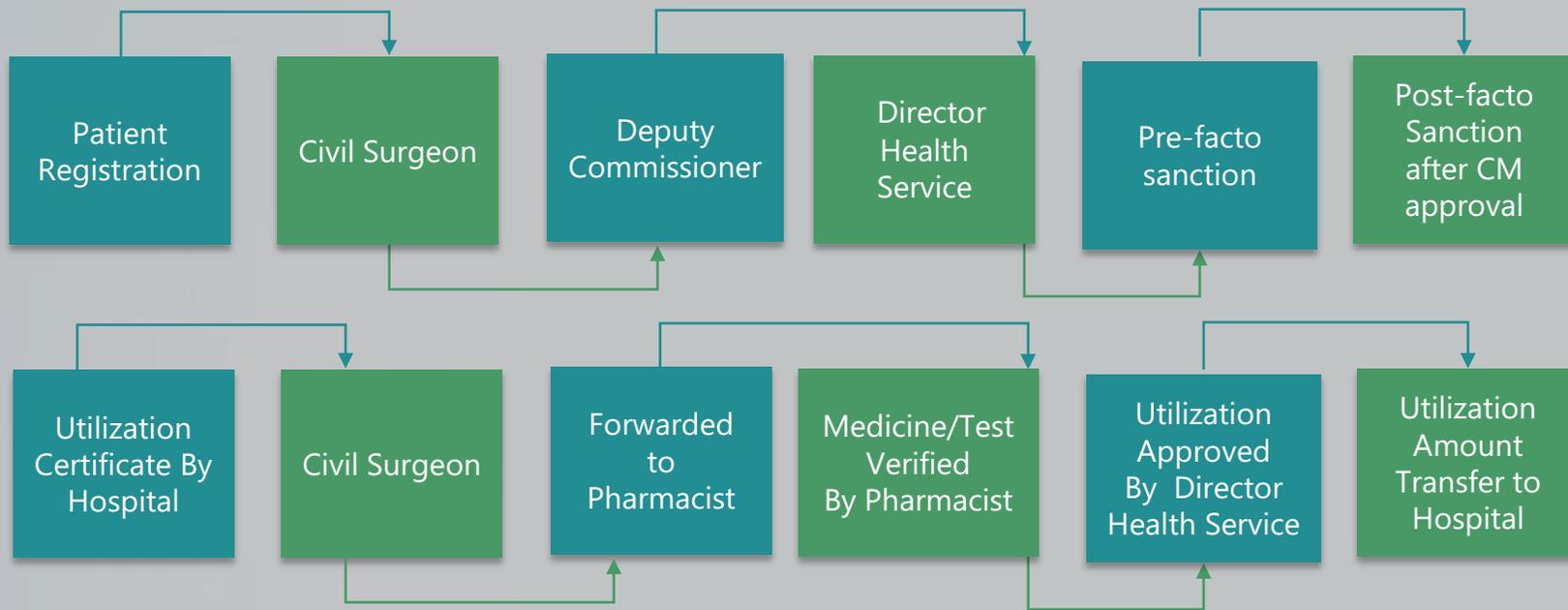
Constituency wise distribution of Polling Stations in district Bhatinda



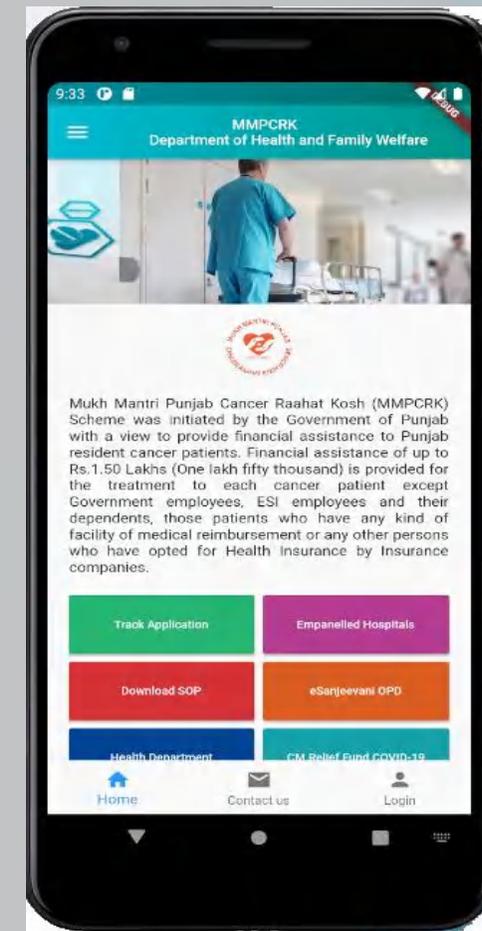
Sr No.	Constituency Name	Locations	Booths	Ordinary	Vulnerable	Critical
1	Rampura Phul	104	200	135	65	0
2	Bhucho Mandi	110	203	194	9	0
3	Bathinda Urban	86	244	171	73	0
4	Bathinda Rural	94	170	144	26	0
5	Talwandi Sabo	87	179	124	55	0
6	Maur	98	196	190	6	0

Office Summary

## Flow of Application



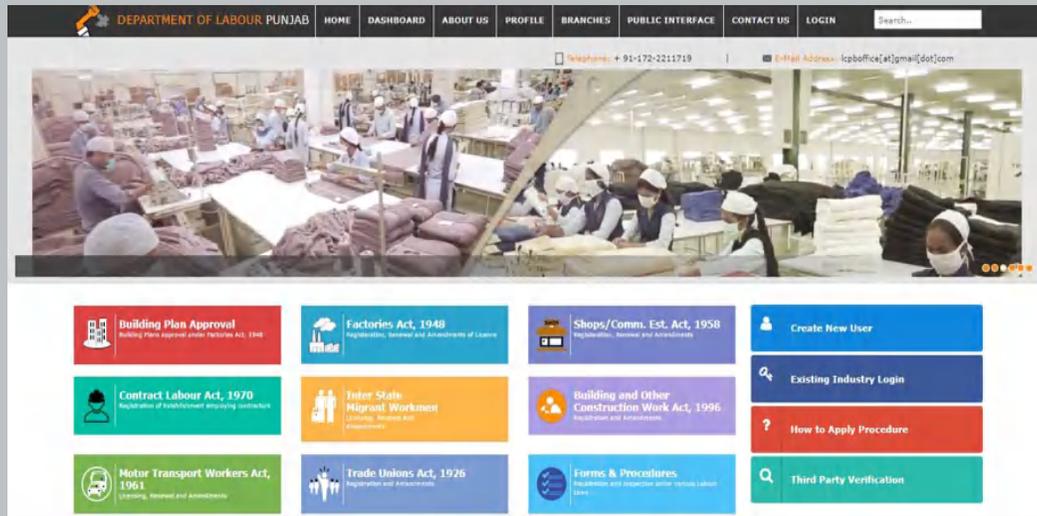
## Features



**20963**  
Patient Registered

**19**  
Empanelled Hospitals

eLabour Punjab is a complete suite of applications required for different wings (i.e. Labour Wing, Factory Wing, Punjab Labour Welfare Board and Building & Other Construction Board) of Department of Labour, Govt. of Punjab.



### eLabour Statistics

Regulatory Clearance Approved: 1,27,655

Factory Act Inspections: 22,486

Labour Act Inspections: 21,835

Domestic Worker Registrations:  
3,68,832

BOCW Worker Registrations: 10,99,999

BOCW Scheme Applications Processed:  
2,48,730

Labour Welfare Board Applications Processed: 19,021

### Future Roadmap

BOCW worker registration at construction sites by the officials of BOCW



Checklist based scrutiny of application



Developing eLabour Punjab portal using latest technologies as per new Labour Codes by GoI

### Various Clearances

- ⑩ Factory License Registration & Renewal, Shop & Commercial Establishment Registration & Renewal, Contract Labour Licenses, Contract Labour Registrations, Inter State Migrant Workmen, Registration of Establishment under BOCW Act, Building Plan Approval, Motor Transport Workers Act, Registration/Renewal under The Trade Union Act.

## Key Features



Capturing of data for entire Lifecycle of case

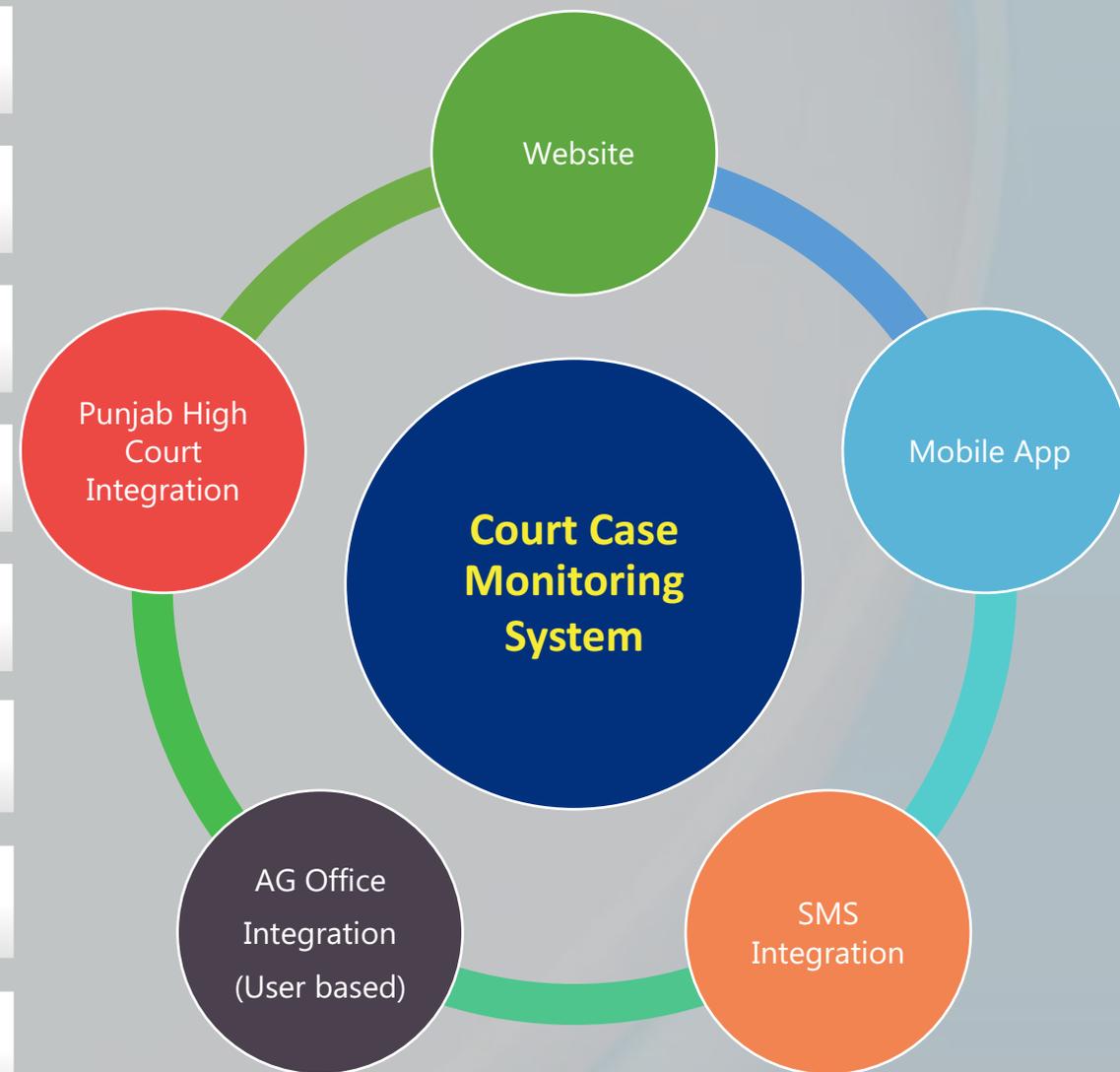


Track different cases  
Prepare cause-list



Auto updation of Cases from Punjab and Haryana High court

	Districts Covered 23
	High Courts 1
	District Courts 80
	Tribunals Courts 7
	Cases Registered 76945
	Pending Cases 56604
	Disposed Cases 20341
	Number of Users 3910



## ICT based online State Excise, End-to-End Supply Chain Management.

### KEY SERVICES



Provides 62+ online services

26867 Registered Users

### IMPACT

- Better EoDB Services
- Ensure all types of Alcohols are sources and sold through legal channel
- Better monitored enforcement activity through Daily Preventive Raids Information System, Criminal Information system
- Reduction in Service Delivery Time

1.7 crore+ Transactions

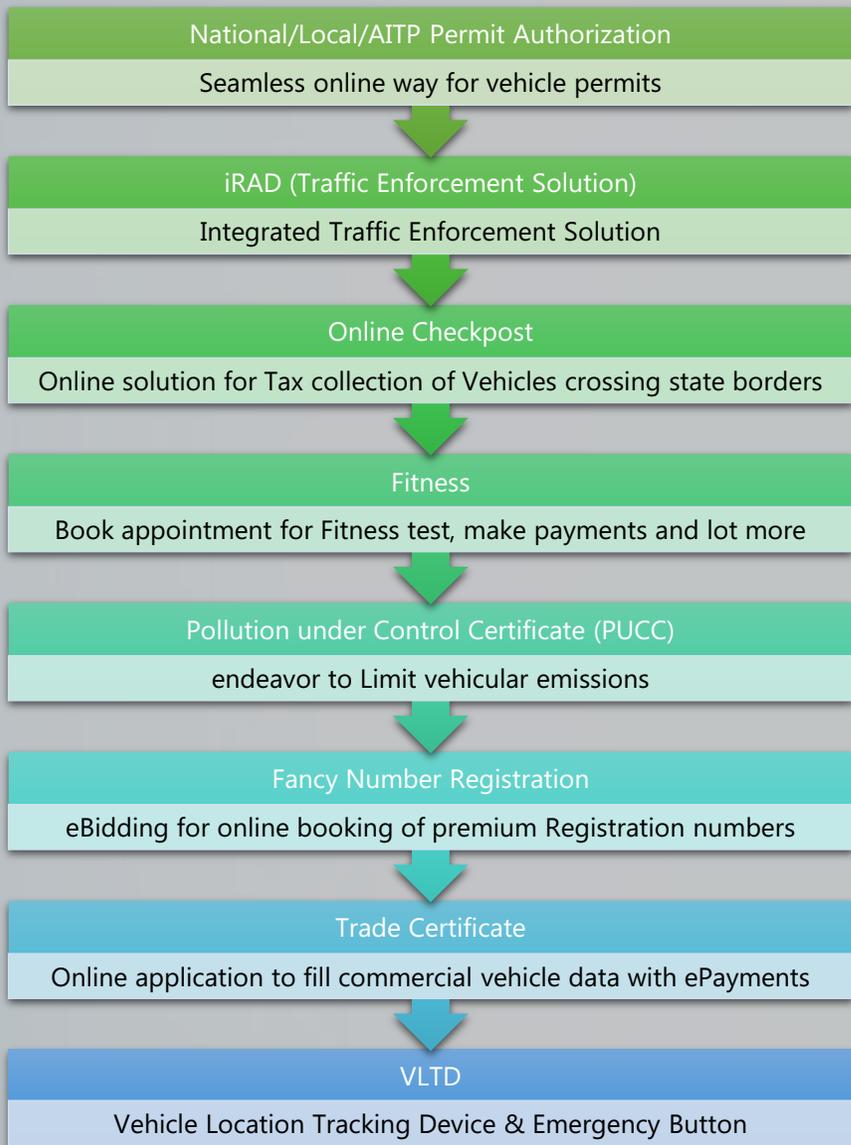
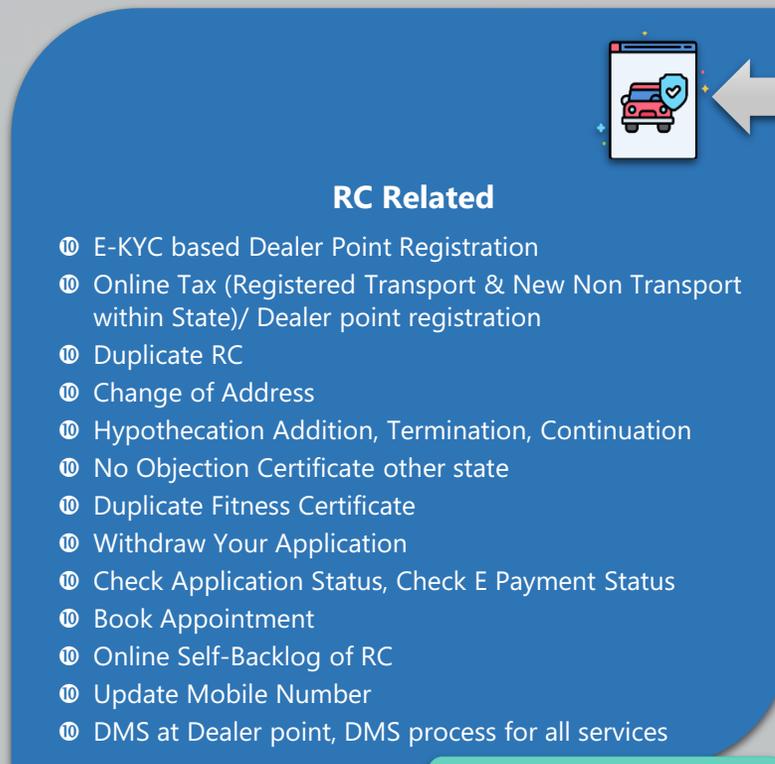
15 Lakh+ Permits/Pass/EVC Issued

### KEY SERVICES



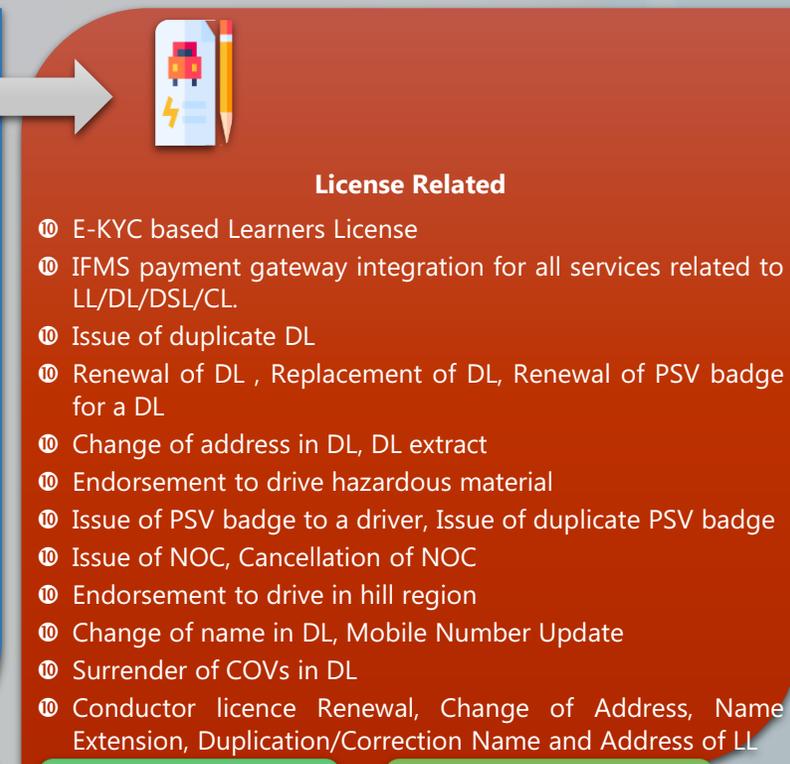
7729 Excise License

70 Lakh + Portal Hits

### RC Related

- ⑩ E-KYC based Dealer Point Registration
- ⑩ Online Tax (Registered Transport & New Non Transport within State)/ Dealer point registration
- ⑩ Duplicate RC
- ⑩ Change of Address
- ⑩ Hypothecation Addition, Termination, Continuation
- ⑩ No Objection Certificate other state
- ⑩ Duplicate Fitness Certificate
- ⑩ Withdraw Your Application
- ⑩ Check Application Status, Check E Payment Status
- ⑩ Book Appointment
- ⑩ Online Self-Backlog of RC
- ⑩ Update Mobile Number
- ⑩ DMS at Dealer point, DMS process for all services



### License Related

- ⑩ E-KYC based Learners License
- ⑩ IFMS payment gateway integration for all services related to LL/DL/DSL/CL.
- ⑩ Issue of duplicate DL
- ⑩ Renewal of DL , Replacement of DL, Renewal of PSV badge for a DL
- ⑩ Change of address in DL, DL extract
- ⑩ Endorsement to drive hazardous material
- ⑩ Issue of PSV badge to a driver, Issue of duplicate PSV badge
- ⑩ Issue of NOC, Cancellation of NOC
- ⑩ Endorsement to drive in hill region
- ⑩ Change of name in DL, Mobile Number Update
- ⑩ Surrender of COVs in DL
- ⑩ Conductor licence Renewal, Change of Address, Name Extension, Duplication/Correction Name and Address of LL

### Vahan

- ⑩ **Vehicle Registered:** 1.30Cr (Till Date) /0.06Cr (2022-2023)
- ⑩ **Transaction:** 1,618.48Cr(Till Date) / 0.26Cr(2022 –2023)
- ⑩ **Revenue:** Rs 19930.04Cr(Till Date) / 2208.71Cr(2022 – 2023)
- ⑩ **iRAD Training:** 856(Till date)/614(2022-2023)

### Sarathi

- ⑩ **Learning Licence:** 37,30,83 (Till Date) / 6,17,959 (2022 –2023)
- ⑩ **Driving Licence:** 57,08,107 (Till Date) / 9,16,608(2022 –2023)
- ⑩ **Conductor Licence:** 59,444(Till Date) / 5,885(2022 –2023)
- ⑩ **Driving School License:** 262 (Till Date) /45 (2022 –2023)

### E-challan/Fancy Number

- ⑩ **Total:** 5,29,194 (Till Date) / 55,532(2022 –2023)
- ⑩ **Dispose:** 1,43,001 (Till Date)/30,812(2022 –2023)
- ⑩ **Pending:** 3,86,192(Till Date) / 24,720 (2022 – 2023)
- ⑩ **eAuctioned Number:** 1,12,012(Till Date) / 23,313(2022 –2023)
- ⑩ **Revenue:** Rs 117.94Cr (Till Date) / 31.32Cr (2022-2023)

### Trade Certificates / Permit /PUC

- ⑩ **Certificate Issued:** 2,645(Till Date) / 1,107(2022 –2023)
- ⑩ **AITP:** 23,493(Till Date) / 7,211 (2022 –2023)
- ⑩ **National Permit:** 80,883(Till Date) / 12,905 (2022 –023)
- ⑩ **PUC Certificate:** 51,52,557 (Till Date) / 16,792 (2022 – 2023)

**A web enabled service for examination management, counselling and admissions for  
Department of Technical Education and Industrial Training, Govt. of Punjab**



**359+**  
Institutions



**627+**  
Trades



**70332+**  
Seats Available



**77942+**  
Application Received  
(2022-2023)



**47106+**  
Admissions  
(2022-2023)



**One integrated configurable solution**

**Automation of all major activities**

**100 % compliance with state reservation policies**

**Reduced cost and time involved in manual paper work and conventional postal system**

**Allocation of Institute and Trade as per merit and reservation policies and candidate preference**

**Integration with Payment Gateway, SMS and Email**

## Department of Information and Public Relations (DIPR), Government of Punjab

### Features

Web based workflow based online system  
 Customized dashboards for each user  
 Online submission and approvals  
 System was launched in December 2020  
 Creates synergy between PR Department and other stakeholders

### Highlights

- One stop end to end solution for releasing Govt. ads in print media
- Transparent process
- Real time tracking of release orders
- Online billing to media houses
- Standardization of formats across departments and media houses
- Better reporting system and audit process

Categories	Unit	Dec-15	Jan-16	Feb-16	Mar-16	Apr-16
1-Personnal	0	12,034	13,565	10,674	13,095	16,392
1-Personnal	0	345	347	154	1,953	374
1-Personnal	1	521	434	178	519	1,850
1-Personnal	0	0	2,300	189	90	23
1-Personnal	1	12,900	16,646	11,195	15,657	18,639
2-Marketing	2	6,000	2,300	5,000	1,500	1,200
2-Marketing	1	2,000	5,420	3,000	2,100	900
2-Marketing	0	8,200	4,900	2,000	8,000	-
2-Marketing	3	16,200	12,620	10,000	14,600	10,100
3-Commu	2	1,239	190	1,245	432	134
3-Commu	1	522	431	573	323	612
3-Commu	1	10,432	-	10,430	14,093	12,890
3-Commu	0	-	532	156	1,090	234
3-Commu	0	-	1,243	12	567	34
3-Commu	4	12,662	19,330	12,416	16,505	13,904
4-Other	0	19,300	15,333	15,000	15,890	12,009
4-Other	0	200	150	155	200	120
4-Other	2	400	500	100	200	500
4-Other	0	683	153	356	235	746
4-Other	2	20,583	16,136	15,611	16,525	13,375
1-Personnal	0	12,034	13,565	10,674	13,095	16,392
1-Personnal	0	345	347	154	1,953	374
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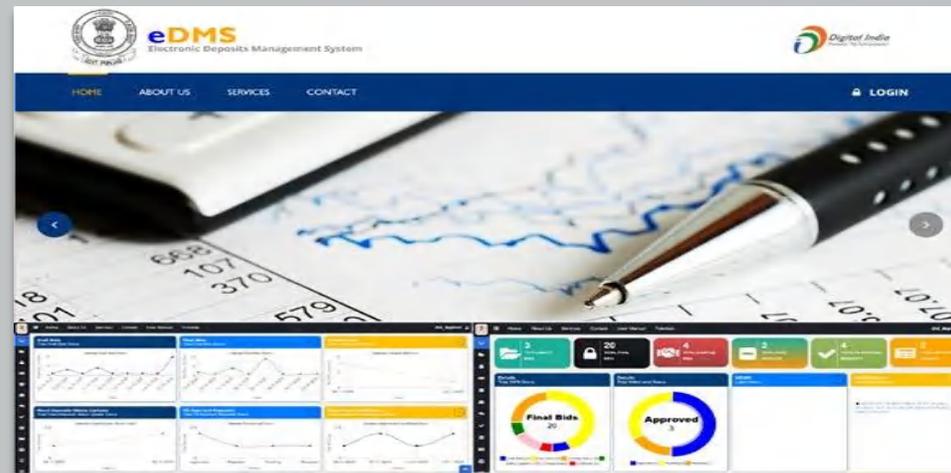
### Future Enhancements

- Mobile interface
- Release orders for digital media

### Summary

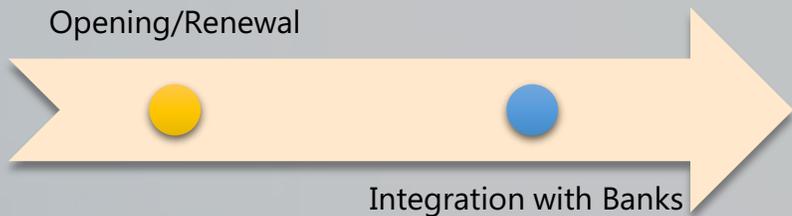
- Approx. 27000 + released orders placed till date
- Approx. 500 + indicative advertisements released

Electronic Deposits Management System (eDMS) portal is designed for DIFB, Department of Finance, Government of Punjab for the placement of funds available with Government Departments/Government entities like Board, Corporation, Autonomous Bodies, Societies, Local Bodies, other State Agencies with empanelled bank using online bidding process, with an objective to bring in transparency & uniformity in dealing with financial institutions by the departments, to ensure security of Government Deposits in addition to maximizing returns and to bring transparency in the process of funds placement with banks by introducing online system. eDMS is a web-based, role based and responsive system to automate all related processes of Directorate of Institutional Finance Banking (DIFB).



## Future Roadmap

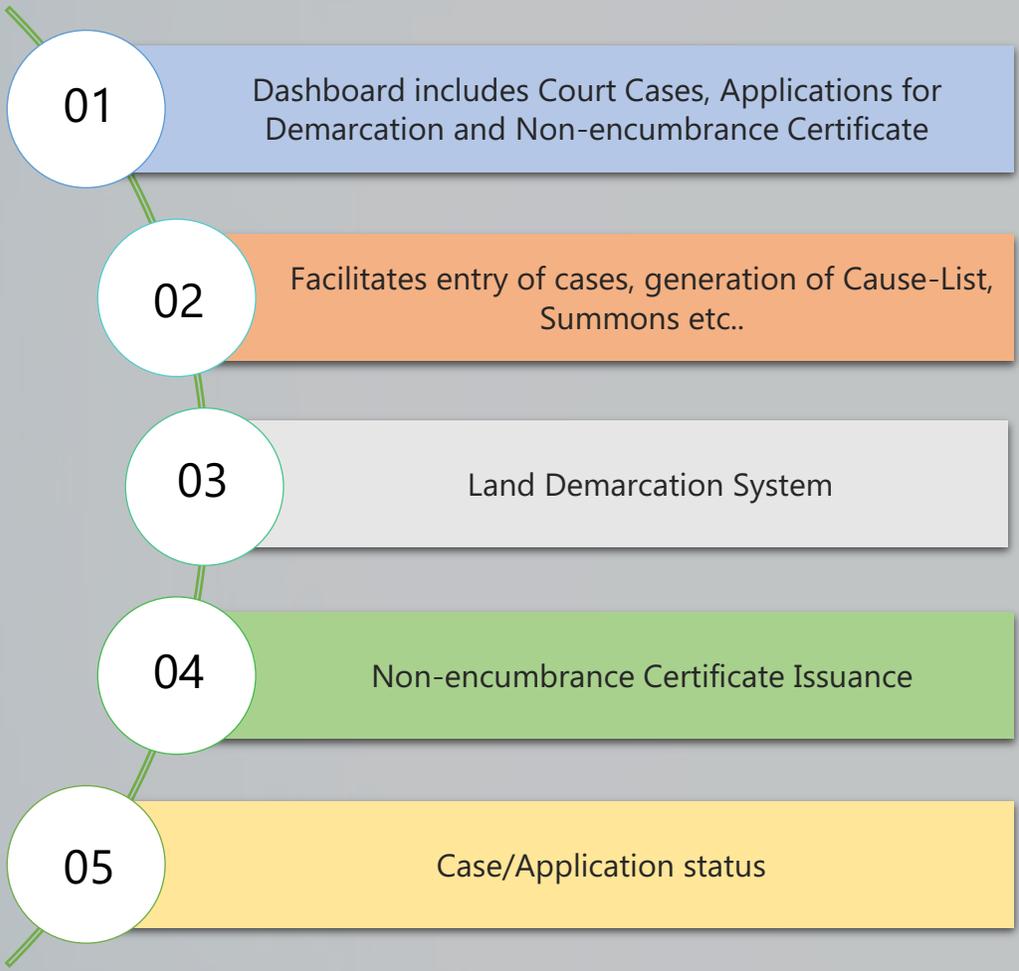
Approval flow  
budget branch for  
bank account  
Opening/Renewal



Integration with Banks  
for real time  
department account  
status

## Salient features

- Registration of empanelled banks and bank's nodal officer, Registration of Departments and Department's Nodal Officers, Bid raising by the Department's Nodal Officer, Intimation to Banks Nodal Officer through email for bids to submit the quote, Submission of Bid quote by the Bank's Nodal Officer, Compilation and Finalization of Bids by Department Nodal Officer, Withdrawal of Bid by the Department Nodal Officer with the approval of Competent Authority/Administrative Secretary before /after compilation/ locking of bid, Status updating by Department Nodal Officer after the placement of funds with the selected bank



- ✓ Entry of Court cases
- ✓ Generation of Cause List, Summons, Proceedings and orders
- ✓ Case Status

- ✓ Citizen / Fard Kendra can apply for Land Demarcation
- ✓ Citizen can apply from anywhere and submit fee.
- ✓ Citizen can check the status

- ✓ Citizen / Fard Kendra can apply for Non-encumbrance Certificate
- ✓ Apply NECIS from anywhere and submit online fee.
- ✓ Check the status

Active Courts – 459

Total Number of Cases - 117817

Land Demarcation Applications - 32749

Non-encumbrance Certificates - 212084

Online payment of Fee through IFMS and HDFC Bank Payment gateway

Alerts of the Cases / Application thru' SMS

Issuance of Non encumbrance certificate

Integration with Land Record System



Workflow based ICT solution for internal functioning of Hospitals specifically meant for the hospitals in Government Sector

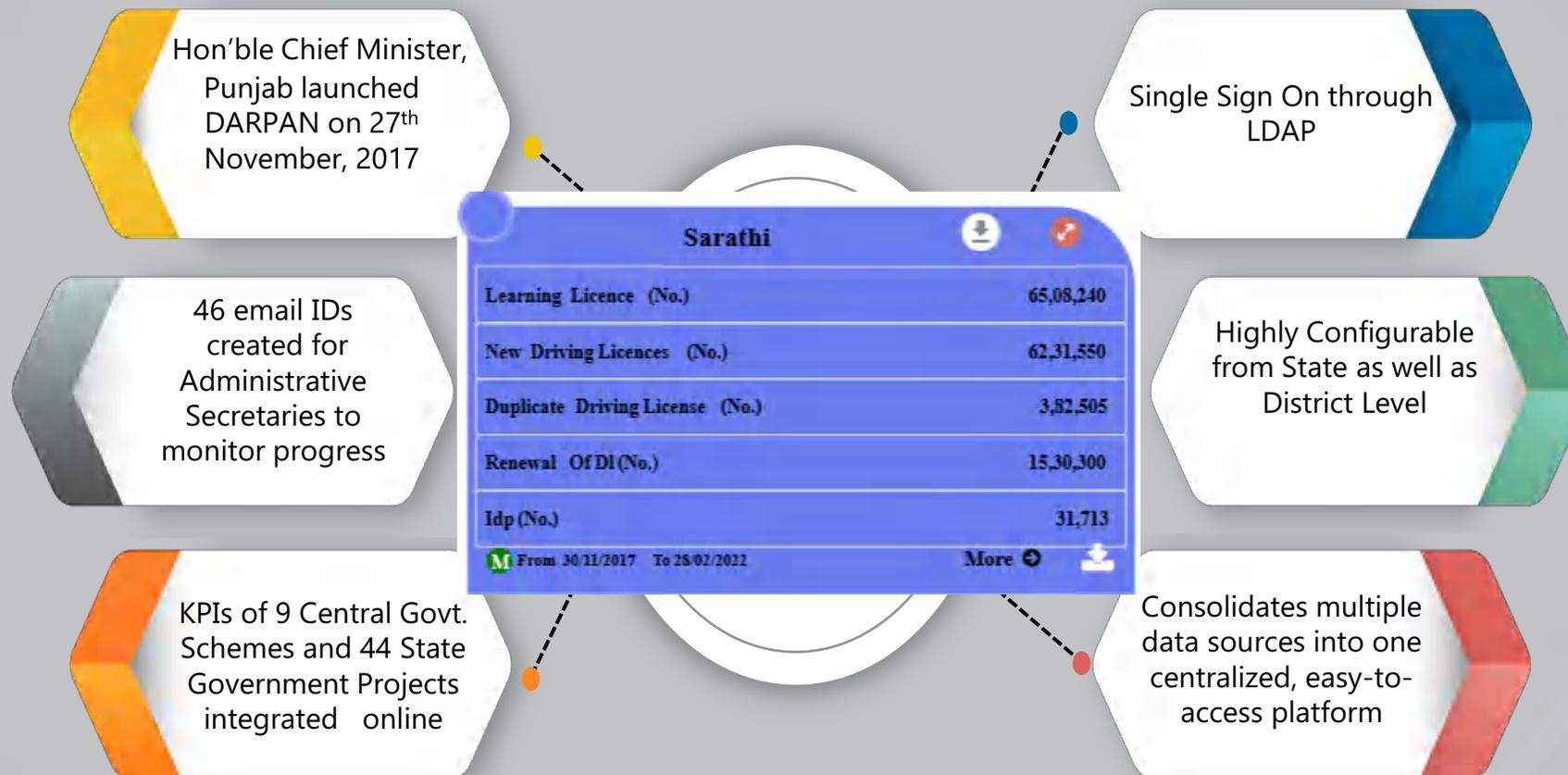
- Patient-centric system.
- Single window for availing all patient related services online for Government hospitals.
- Major functional areas like
- Patient care,
- Laboratory services,
- Human resource and
- Medical records management

**E-Hospital and ORS applications are available free-of-cost on as-is basis**

**eHospital**  
4

**ORS**  
5

*Dashboard for Analytical Review of Projects across the Nation*



**Access to the Dashboard from anywhere anytime with Periodically Updated Data in Real Time**

**Tool to deliver real-time, dynamic project monitoring without the need for coding or programming through web services**

Suite of various modules available on cloud as SAAS

Standardized & Streamlined Process With State Specific Configuration

Information Exchange With All Stakeholders of Criminal Justice

Centralized Data About Prisoners Nationwide

Information to Various Intelligence and Investigation Agencies

Hassel free Visits by Relatives to Meet their Wards Lodged in Prison

- Prisoner Information Management System(PIMS)
- Visitor Management System (eVisitor)
- Hospital Management System (eHospital)
- Legal Aid Management System
- Inventory Management System
- Prison Management System (PMS)
- Police Intelligence System
- Court Monitoring
- Kiosk Information
- eCustody

## Public

- ✓ Registration of visit request and Status query of the same
- ✓ SMS/eMail Alerts to the visitors
- ✓ Statistical information/ drilled down Reports on national basis
- ✓ Submission of grievance
- ✓ Kara Bazaar

Jails computerised (25)

## Prison Management

- ✓ Controlled registration of prisoners
- ✓ Structured Prisoner information
- ✓ Availability of MIS, Statistical reports, & Graphs for
- ✓ Monitoring & information
- ✓ Enabling optimum utilization of resources
- ✓ Various alerts Hearing, 436 / 436A, parole jump, Inventory, medicine.

Total Inmates (26000+)

## Courts

- ✓ Easy access of CrPC 436 / 436 'A'/441 reports
- ✓ Availability of Nominal roll online
- ✓ Alerts for jumping Parole /Interim Bail
- ✓ Provisioning Information online in real time.
- ✓ e-custody certificate online
- ✓ Search inmates profile
- ✓ SMS & Email Alerts at several events
- ✓ Drill Down Reporting

Daily Visits (1000+)

Prisons in India

All Police Headquarters In country

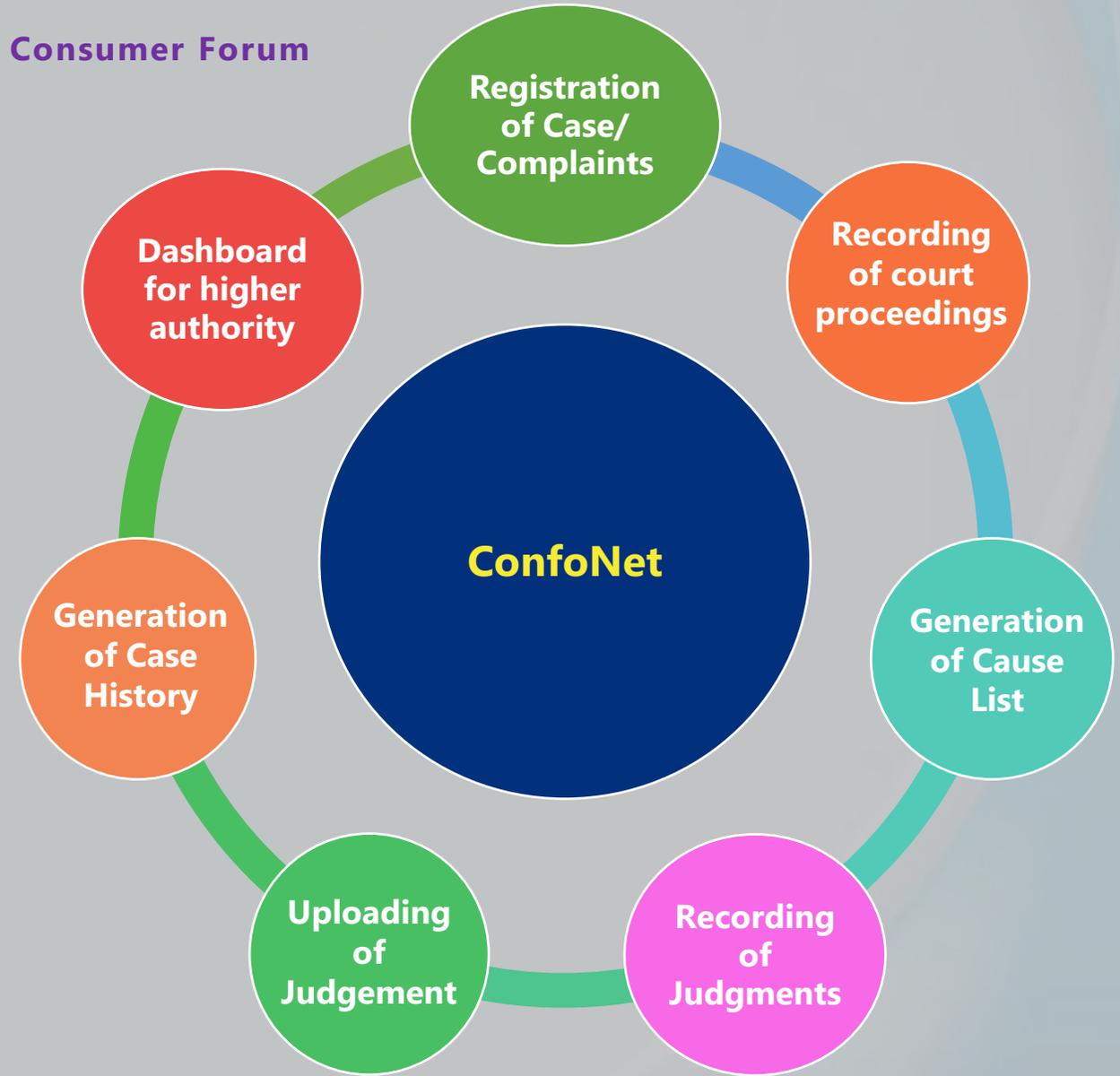
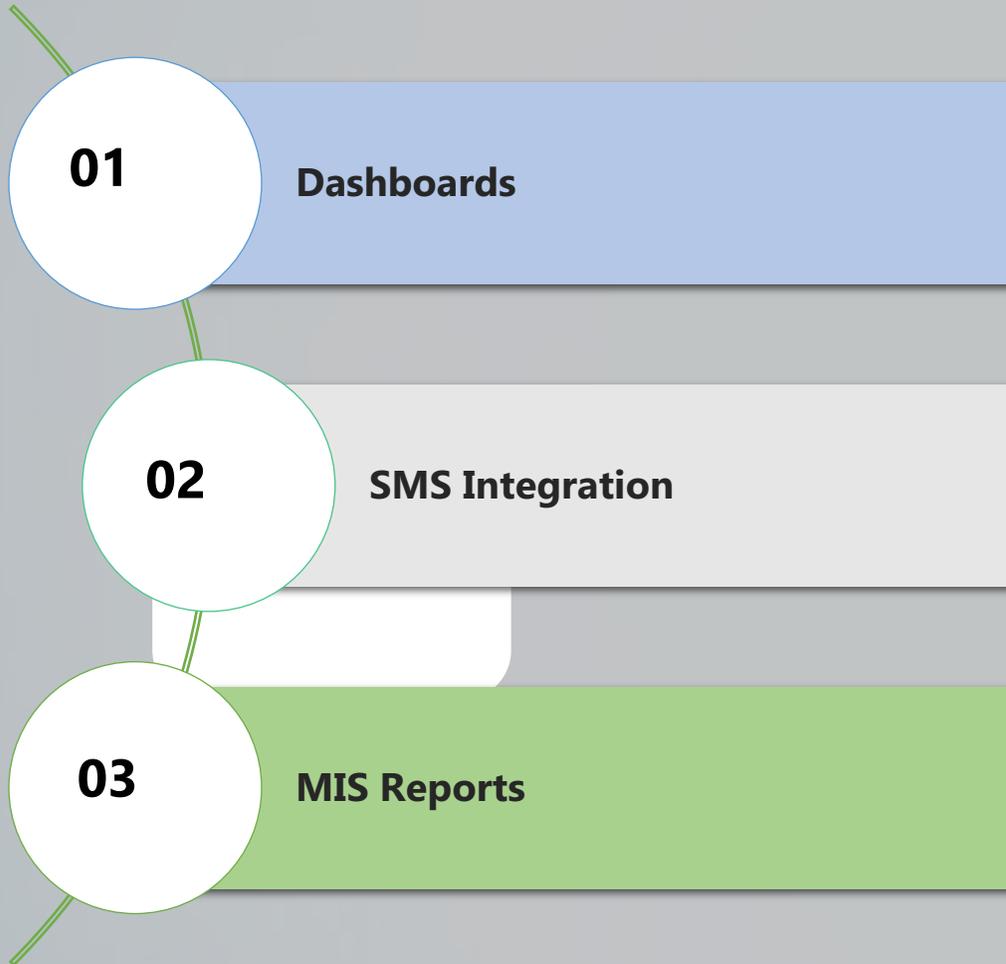
Public / Citizens

Crime Record Bureaus (NCRB, SCRB)

Central / state Investigating Agencies

NHRC and other National/ State Commission

## Computerization and Computer Networking of Consumer Forum



**GePNIC implemented in Punjab State in November 2017 but its active usage started since January 2018**

**Total Tenders – 188775**  
**Value of Tenders – ₹ 126919 Crore**

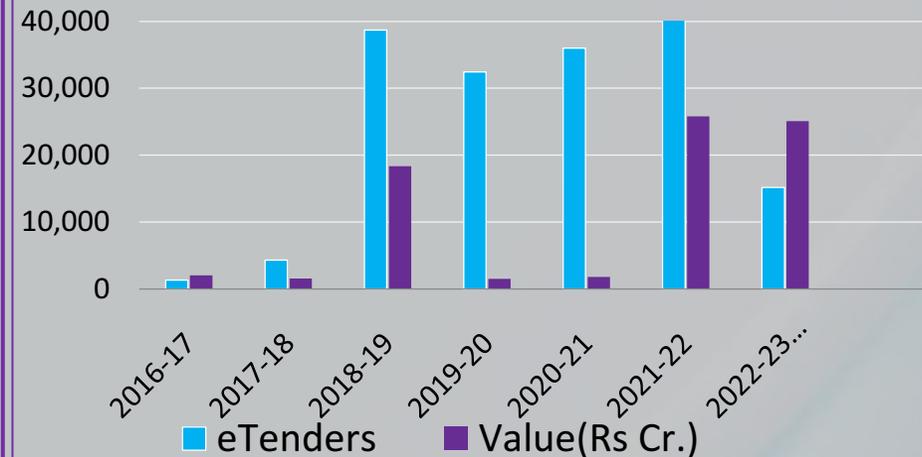
### Salient Features of GePNIC

- Real time Tender Information of all organisations
- Certified and Audited by World Bank, Asian Development Bank and STQC
- Facilitates Preference for MSME, StartUPs in eReverse Auction and Tenders
- Global Tenders
- ADB, World Bank, CVC Guidelines, GFR 2017 compliant

### Implementation Status

- ✓ Procurement Entities – 1300+
- ✓ Bidder / Contractors – 41382
- ✓ Department Users – 6425
- ✓ Org. / Deptts. On-boarded – 132
- ✓ Bids Received in 2018-19 – 80012
- ✓ Bids Received in 2019-20 – 65405
- ✓ Bids Received in 2020-21 – 83132
- ✓ Bids Received in 2021-22 – 119514

### GePNIC® growth over the years

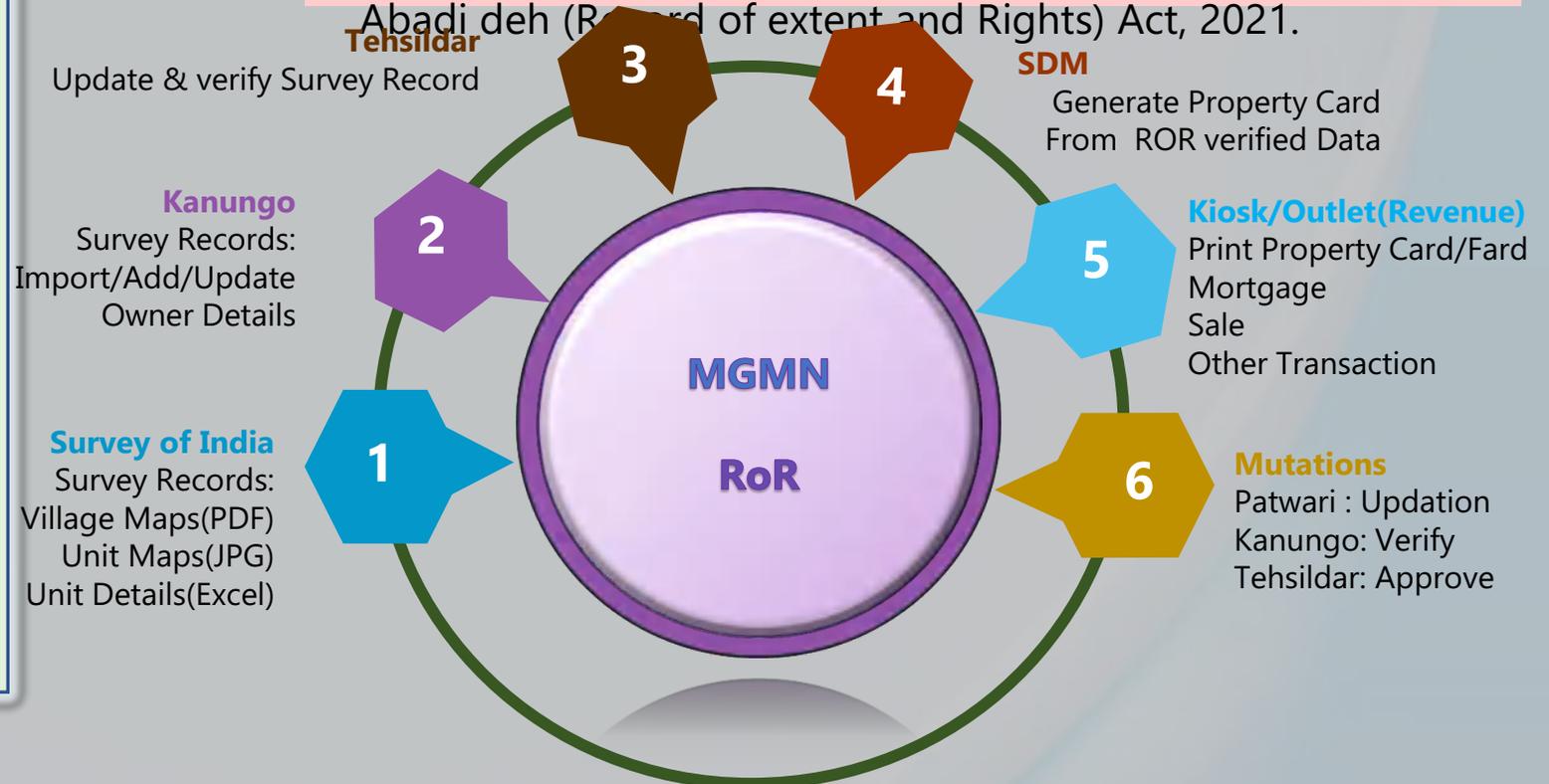


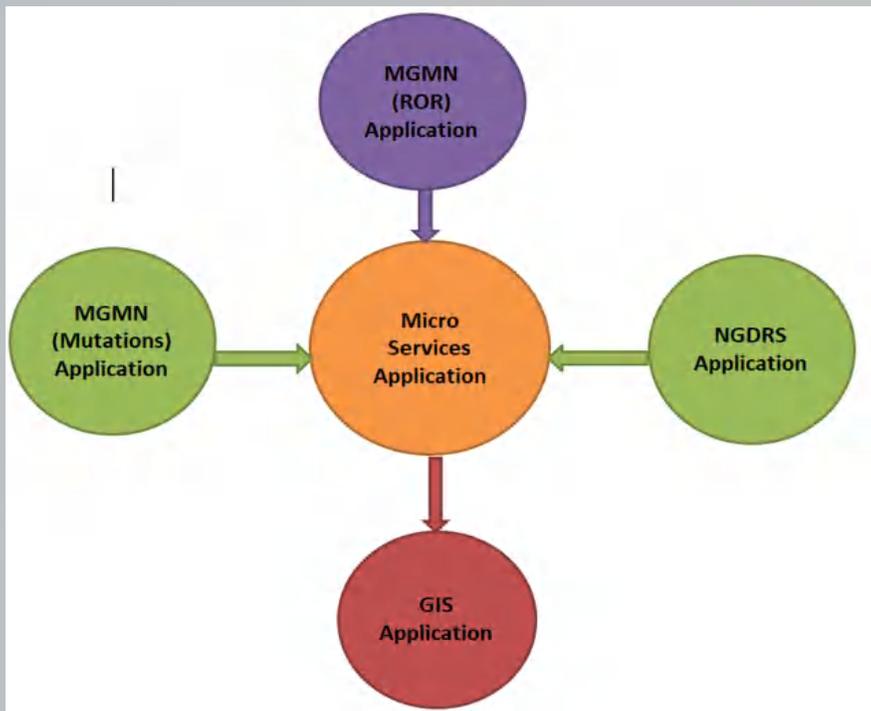


- MGMN scheme has been launched in Punjab in order to bestow property rights to the people who are living in houses that are situated within the Lal Dora of villages and cities. Around 13000 villages will be covered under this scheme.
- MGMN application aims to capture/store **Svमित्वा Survey Data** and verifying by concerned authorities of revenue Department to create Record of Rights (ROR) as per Punjab Abadi deh (Record of extent and Rights) Act, 2021.

## Salient Features:

- ❖ Centralised MGMN portal
- ❖ Role Based User Management
- ❖ Uploading Village and Unit Maps after Drone Survey
- ❖ Updating attribute data of survey units by concerned Kanungos
- ❖ Verifying attribute data of survey units and unit maps by concerned Tehsildars
- ❖ Generating Property Cards by SDMs
- ❖ Citizen Interface for downloading Property Cards using OTP
- ❖ OTP-bases Authentication for updating, verifying and generating records





An integrated  
Micro-services based  
configurable Product for  
Record of Rights &  
Mutations  
using open source  
technologies

## Objectives:

- Preparing a centralized portal consisting of attribute data and spatial data of inhabitants living under lal dora area of villages in Punjab.
- Creating Record of Rights (RoR)
- Integration of property parcel seamlessly to help analysis for planning.
- Associated view of property card with property parcels.
- Establishment of Seamless and accurate mutation process.
- Thematic based visualization based on selected parameter for property parcels of selected village.

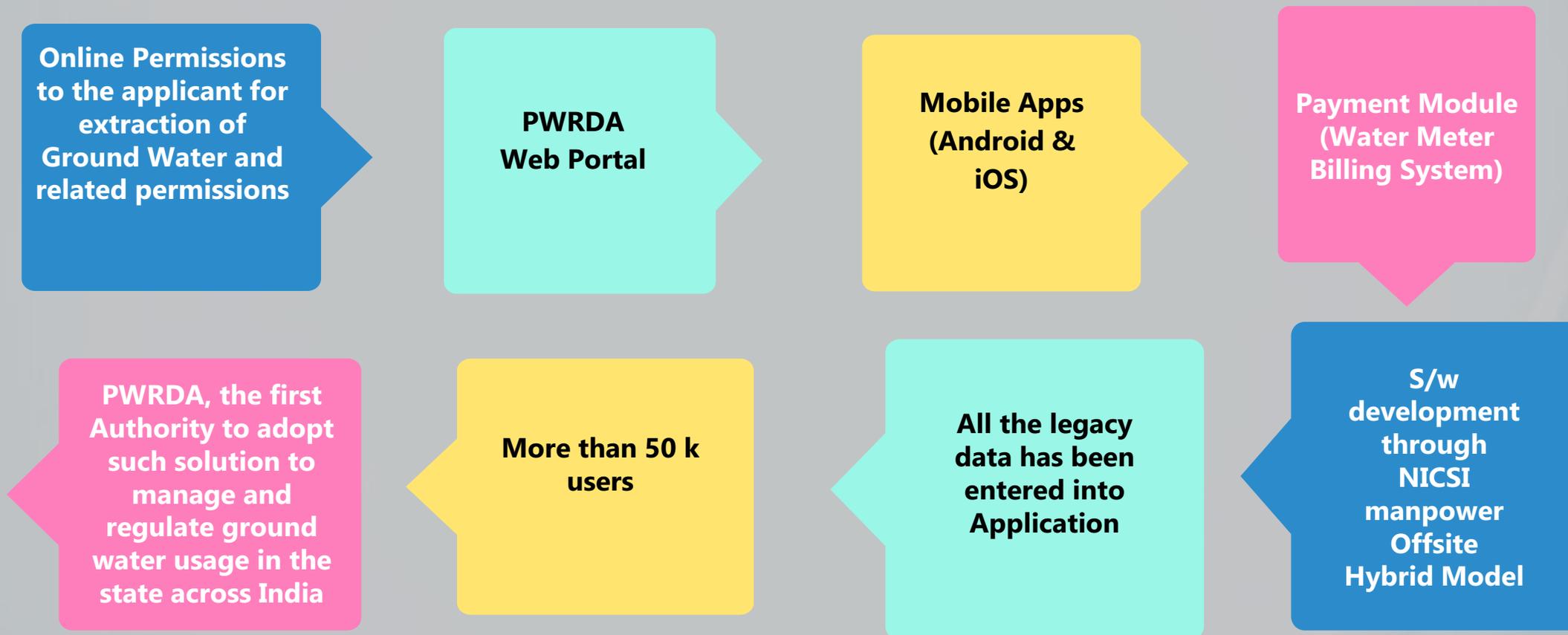
## Salient Features:

- Work flow for capturing Property Survey Data and creating Record of Rights
- Document Registration (Mortgage, Sale Deeds etc.) and integration with NGDRS
- Work flow for transacting mutations and real-time auto-updating the Record of Rights
- Inclusion of GIS technologies
- Seeding of ULPIN with each property unit
- Seeding of Aadhaar with each owner of the property
- Integration with Block chain System

## \*\*\*Current Status\*\*\*

- Notified Villages :8689
- Drone Flying : 8124
- Village Field Book : 214
- Record of Rights : 15726
- Property Cards : 14897

**A solution to provide a one-stop access point for organization information and applications/services for Punjab Water Regulation Development Authority using open source technologies**



**PWRDA Web Application was launched on Sep 06, 2023**

**A solution to provide a one-stop access point for organization information and applications/services for Punjab Water Regulation Development Authority which takes care of:**

- Online NOC/Permission to the applicant for extraction of Ground Water and related permissions.
- Web Portal of PWRDA
- Mobile Apps (Android & iOS)

**Integration of APIs(Business First Portal, PSPCL and PPCB)**

**Online Fresh/Miscellaneous Permission for Ground Water, Water Tanker, Drilling Rig**

**Fee Calculators**

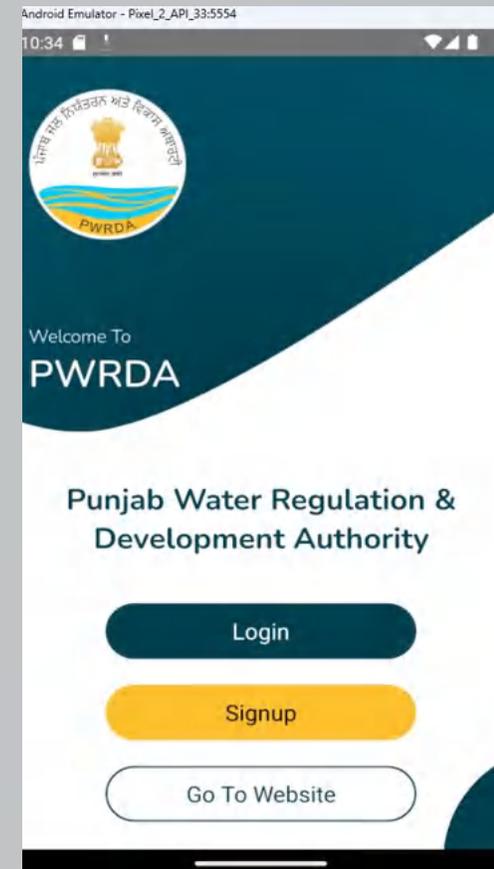
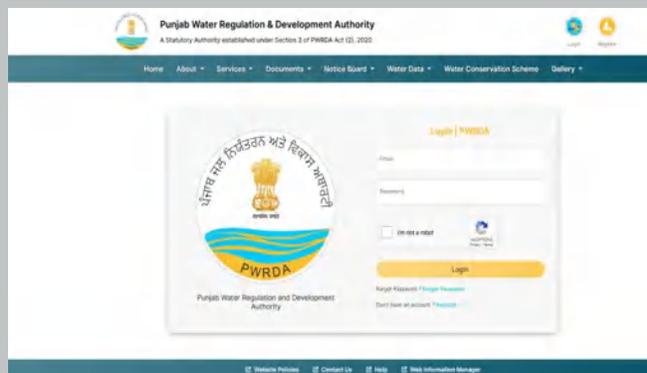
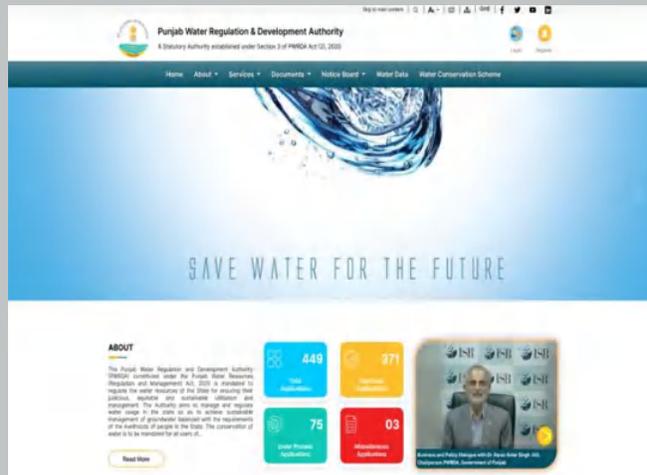
**Android and iOS Mobile APP**

**Complete customization of Work Flow**

**SMS/Sandes/Email/NICDSign/Bharat Maps/Payment Integration**

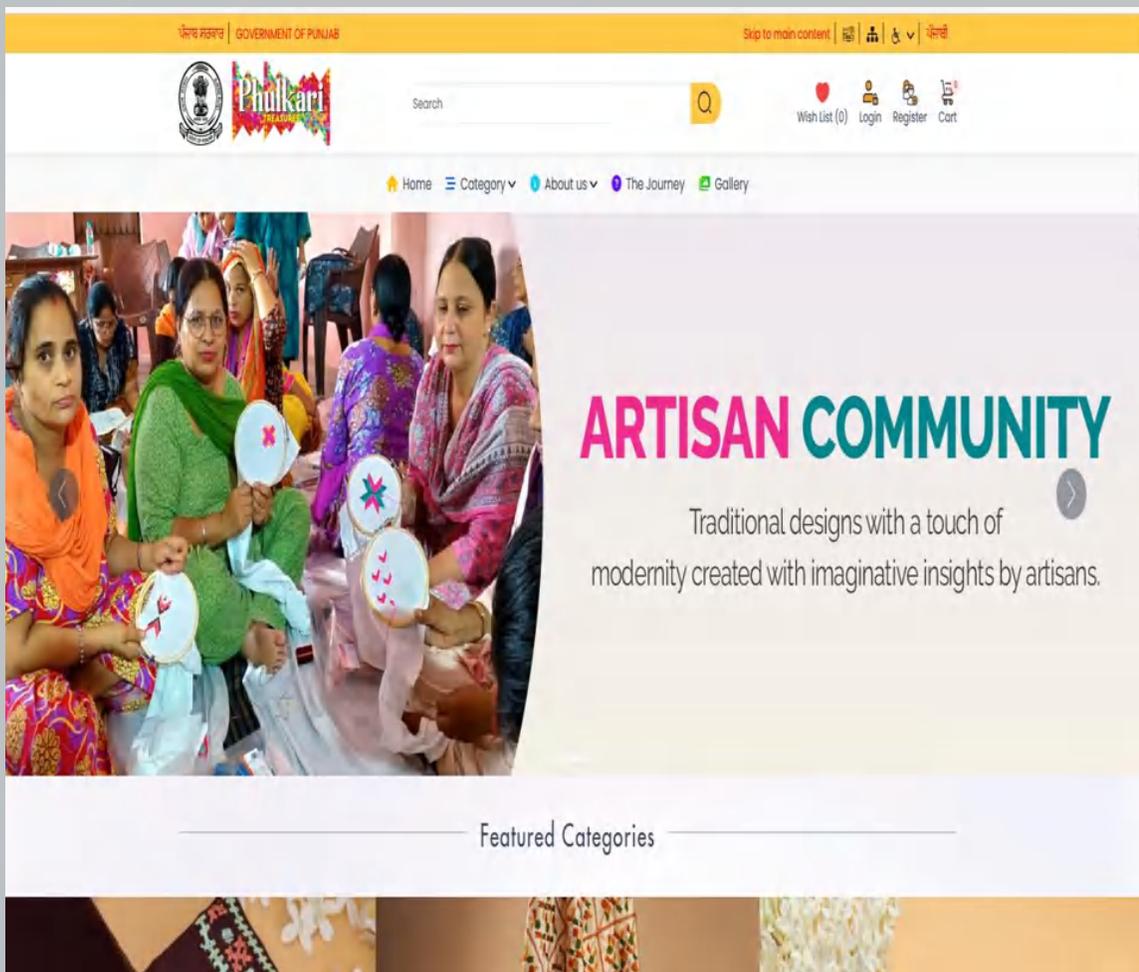
**Dashboard for work Flow Players**

**MIS Reports**



**PWRDA, the first Authority to adopt such solution to manage and regulate ground water usage in the state across India**

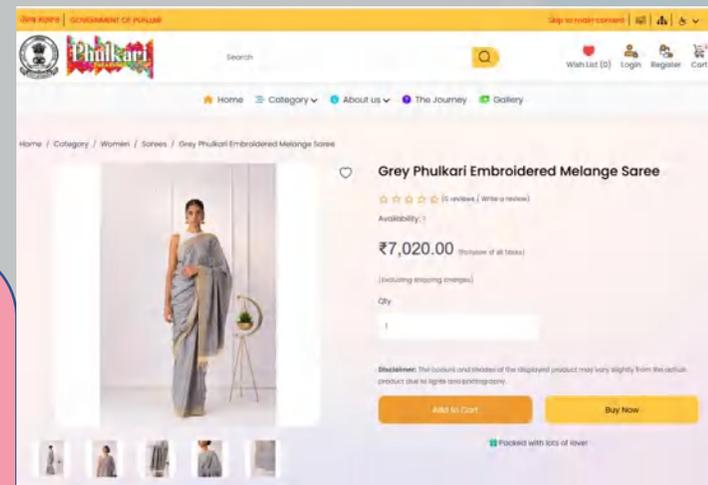
**Aim of the project is to develop a solution to promote Punjab Phulkari and other products crafted by women artisans registered under Self Help Groups (SHGs) supported by Department of Cooperation Punjab**



Open Source tools and technologies

Admin Panel and CMS

Anyone can place the order online by selecting the products and paying the required price online through some payment gateway on this portal.

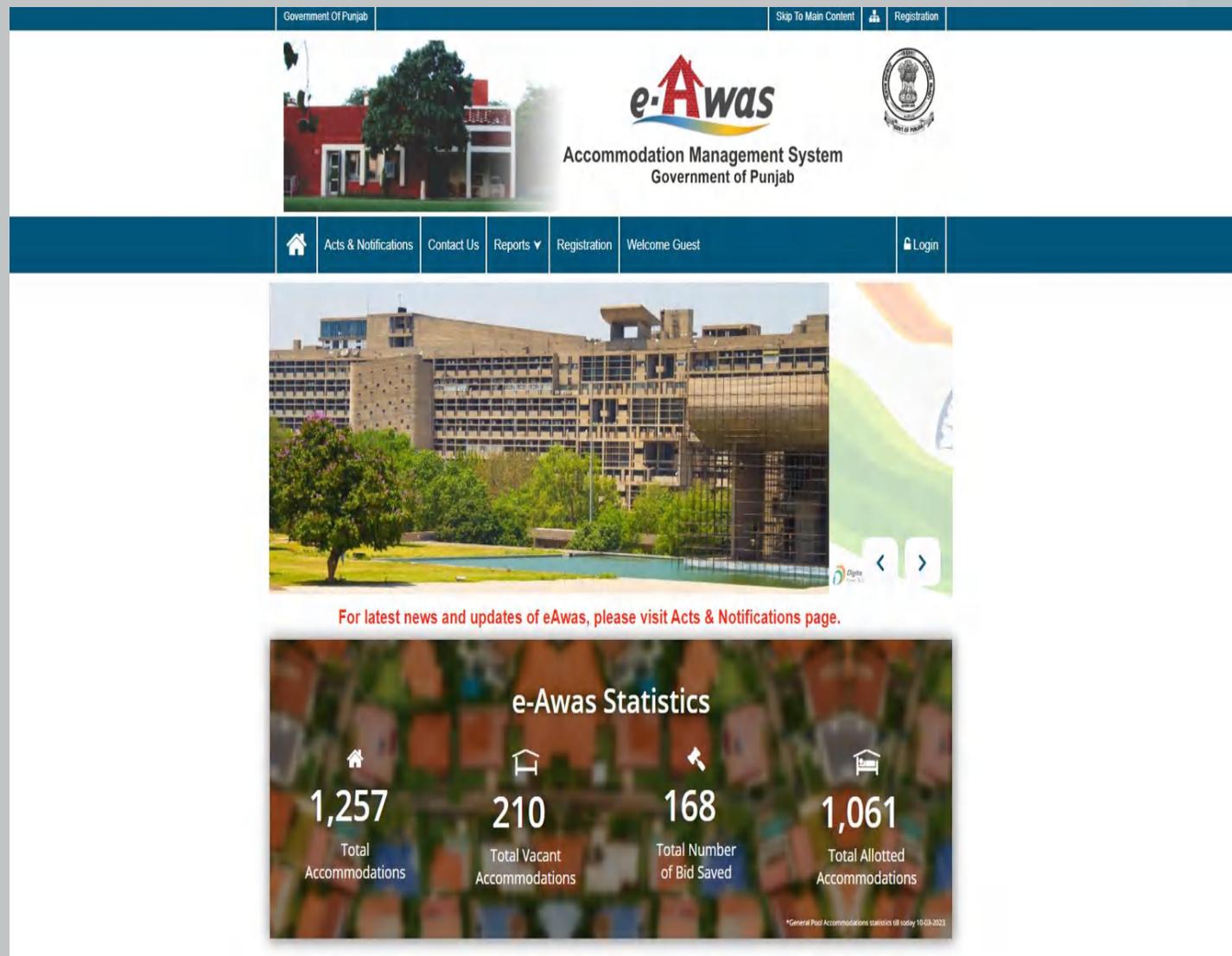


GIGW 3.0 Compliance

Awas application caters to the allocation of Government Accommodation to Punjab Government employees as per entitlement and seniority, who desire Government Accommodation for residence from pool of Government houses, located in Chandigarh. Integrated with iHRMS for populating the employee details while registration, also integrated with SMS gateway for delivery of OTP and alerts, TejasVI Data Analytical Tool for the development of Dashboard, Sandes Messenger for delivery of OTP and Sandes Chatbot, Parichay SSO platform for single sign on. The objective of this portal is to bring transparency in allotment of government accommodation to government employees, to know the availability and maintenance status of allotted and vacant accommodations and to bring transparency in license fee collection and accommodation allotment process.

e-Awas Application and Sandes Chatbot has been successfully launched by Sh. Vijay Kumar Janjua, IAS, Chief Secretary, Government of Punjab on 12th December 2022.

**URL:** <https://eawas.punjab.gov.in>



The screenshot shows the homepage of the e-Awas Accommodation Management System for the Government of Punjab. The header includes the Government of Punjab logo, a 'Skip To Main Content' link, and a 'Registration' button. The main banner features the e-Awas logo and the text 'Accommodation Management System Government of Punjab'. Below the banner is a navigation menu with links for Home, Acts & Notifications, Contact Us, Reports, Registration, Welcome Guest, and Login. The main content area displays a large image of a government building and a carousel of news items. A red text overlay reads: 'For latest news and updates of eAwas, please visit Acts & Notifications page.' Below this is a 'e-Awas Statistics' section with four cards:

Icon	Value	Description
🏠	1,257	Total Accommodations
🏠	210	Total Vacant Accommodations
📄	168	Total Number of Bid Saved
🏠	1,061	Total Allotted Accommodations

\*General Pool Accommodations statistics till today 10-03-2023

Integrated e-Governance Scholarship Portal for the automation, streamlining & effective management of processes related to application receipt, processing, sanction and disbursement of various scholarships to Students. This initiative is aimed to facilitate faster and efficient disposal of scholarship applications and timely payment of the scholarships to the students directly in their bank accounts.

## Features

	Disbursal of Scholarship Management
	Timely Payment of Scholarships to the Students directly in their Bank Accounts
	Beneficiary Validation/Verification through Aadhar Authentication
	SMS Services (Push & Pull Technologies)

	<p><b>5,701</b></p> <p>Registered Institutions</p>
	<p><b>2.34+ Lakh</b></p> <p>Enrolled Applications 2023-24</p>
	<p><b>2.18+ Lakhe</b></p> <p>Sanctioned Applications 2023-24</p>
	<p><b>3270</b></p> <p>Courses</p>



## Punjab Coverage



Smart process Re-engineering



Bilingual



Certification Scheme



Common Access point to access all district websites



Sustainable Ecosystem



Accessible Themes

23 Districts

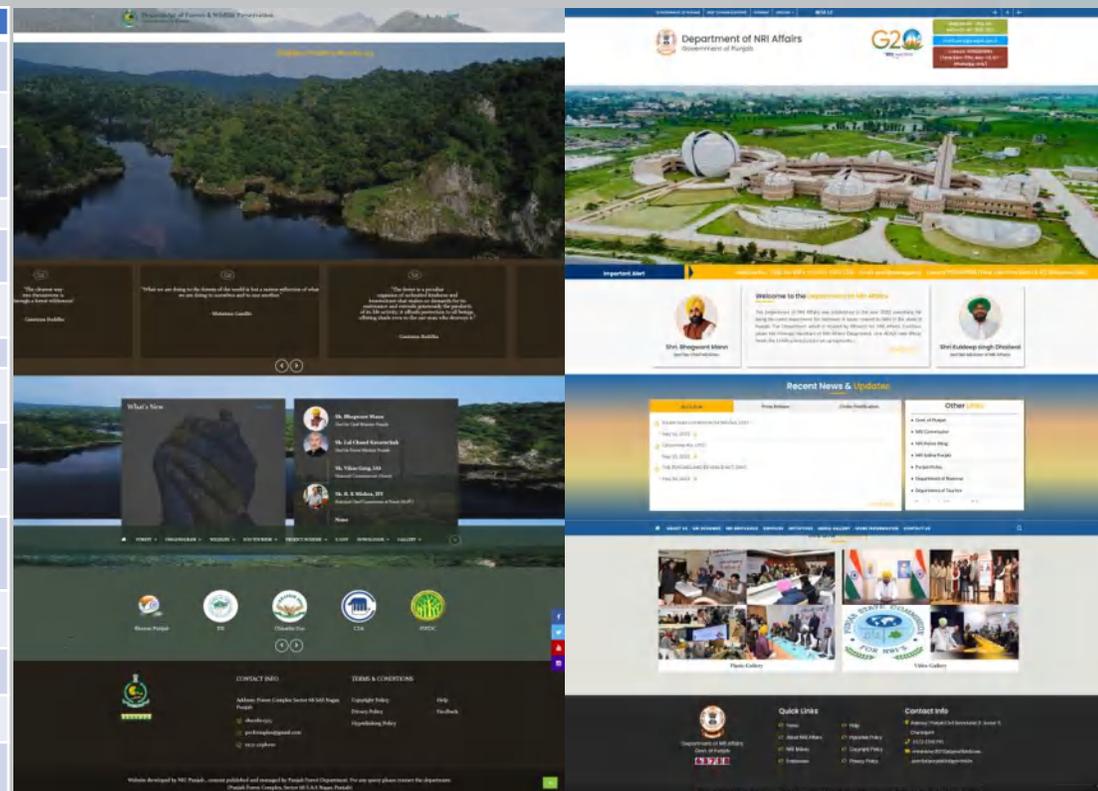
punjab.s3waas.gov.in

**NIC Punjab  
State Centre  
Website**

Design and Development of In-House CMS based framework to facilitate features like creation of dynamic forms, new pages using various templates, flex page concept to add various combinations of presentation in vertical manner and creation of various charts for analytics.

Platform: Python, Django( Contents can be created and structured spontaneously), Nginix with Gunicorn

S.No	Department / Organization	Status
1.	State Police Complaint Authority	Website is live and hosted on SDC, Formal Launch date is awaited from department. <a href="https://spca.punjab.gov.in">https://spca.punjab.gov.in</a>
2.	Punjab Ex-Servicemen Corporation (PESCO)	Website is live and hosted on SDC, Formal Launch date is awaited from department. <a href="https://pesco.punjab.gov.in">https://pesco.punjab.gov.in</a>
3.	Department of Defence Services Welfare	Launched. <a href="https://dsw.punjab.gov.in">dsw.punjab.gov.in</a>
4.	Department of NRI Affairs	Launched. <a href="https://nri.punjab.gov.in">https://nri.punjab.gov.in</a>
5.	State Election Commission	Website is live and hosted on SDC, Formal Launch date is awaited from department. <a href="https://sec.punjab.gov.in">https://sec.punjab.gov.in</a>
6.	Department of Sports & Youth Services	Website is live on SDC Server Formal Launch date is awaited from department. <a href="https://dys.punjab.gov.in">https://dys.punjab.gov.in</a>
7.	Punjab Institute of Biliary Sciences	Launched. <a href="https://pilbs.punjab.gov.in">https://pilbs.punjab.gov.in</a>
8.	Punjab Development Corporation	Website is live on SDC Server Formal Launch date is awaited from department. <a href="https://pdc.punjab.gov.in">https://pdc.punjab.gov.in</a>
9.	Directorate of Information and Public Relations	Launched. <a href="https://ipr.punjab.gov.in">https://ipr.punjab.gov.in</a>
10.	Department of General Administration	Site completed with content. Final review is pending at PS level. Ready to Launch
11.	Office of Commissioner Gurudwara Elections, Punjab	Site completed with content. final review is pending at PS level. Ready to Launch
12.	Municipal Corporation, Patiala	Design completed and waiting for user to provide data
13.	Department of Legal and Legislative Affairs	Site completed with English content. Department is preparing for Punjabi Content
14.	Department of Rural Development & Panchayats	Design completed and waiting for user to give feedback and Data.
15.	Commissioner Ferozepur Division - Department of Revenue	Design completed and waiting for user to give feedback and Data.
16.	Chief Secretary Punjab	Design completed and waiting for user to give data
17.	DHE - Website for libraries	Design completed. Waiting for user response.
18.	Punjab State Legal Services Authority	Initial discussion done and Landing page created.
19.	Punjab Police	Website created on development Server. Initial Meeting done.
20.	Punjab Police (Malerkotla)	To be initiated after completion of Punjab Police Website.



This initiative envisions the increased use of data-driven monitoring mechanisms to improve government programmes and public service delivery for the citizens. The dashboard will also help monitor the progress of various projects, identify areas for improvement, and facilitate data-informed driven decision-making.

- Performance Monitoring**
  - District Performance Report / Department wise monitoring of Schemes
- Data-Driven Decision Making**
  - Indicators regularly reviewed for timely action / Improved service delivery and program implementation
- Resource optimization**
  - Helps in reallocation of resources to most impactful programs
- Streamlined data Systems**
  - Centralized system housing all department KPIs in a standardized format

**VISION**  
Use data driven monitoring mechanisms to improve government programs and service delivery for ~29.6 million citizens of Punjab.

**MISSION**  
Collect, analyse, and visualise program data regularly through a sophisticated dashboard. Stakeholders to draw insights to make decisions regarding course corrections and introduce new programs.

**Approach**

KPI Identification
Data Collection
Visualization & Customisation
Review

**KPI Identification**

- Centrally and State Sponsored schemes
- CM Announcements
- State budget allocation
- Agenda 24\*7 and Important projects

Framing indicators in 4 categories:

- Achievement against Target
- % Pendency
- Budget Utilised against Allocated
- % Change (MOM/YOY)

**Data Collection**

APIs for real-time data update

Form-functionality to enter data

**Visualization & Customisation**

Assessing performance through ranking, scoring and data visualization.

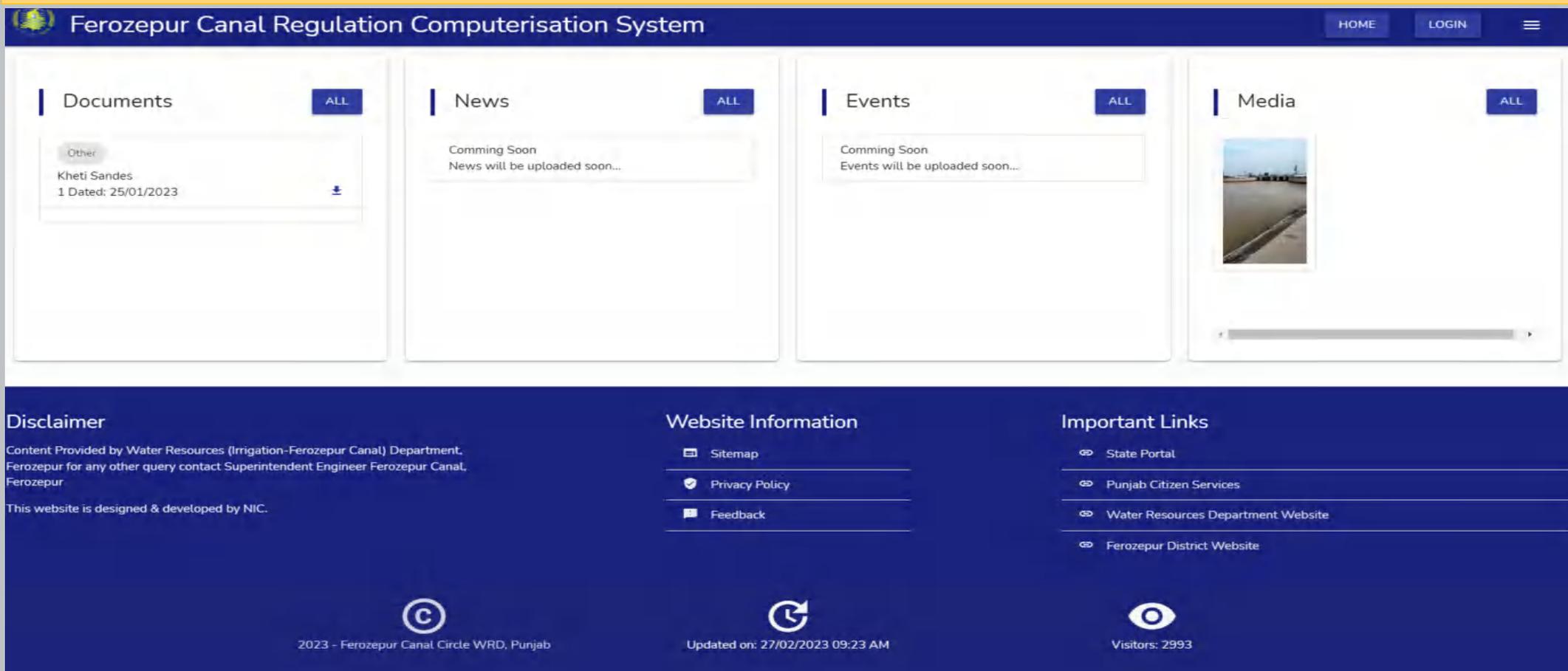
Customised views for  
1.Chief Minister  
2.Administrative Secretary  
3.Deputy Commissioner

**Review**

Monthly review of depts. and districts at the level of Chief Minister and Chief Secretary.

The dashboard displays a grid of KPIs for different departments. For Agriculture & Farmers Welfare, it shows metrics like Direct Seeding of Rice Area Under DSR (Down -66.65%), Sugarcane Payment (Arrears) (Down -12.86%), Area Under Cotton (Down -19.93%), Area Under Kharif Maize (Down -12.32%), Area Under Sugarcane (Down -12.43%), and Area Under Paddy (Down -6.83%). It also includes sections for Seed Tests Identified As Misbranded/Fail (6.83%), Fertilizer Tests Identified As Misbranded (3.33%), Pesticide Testing Progress Report (77.84%), and Stubble Burning Area Burnt (Down -14.34%).

The Gang Canal Regulation Web Application and Mobile Apps of NIC Ganganagar (Rajasthan) has been customized for canals under Ferozepur Canal Circle. The respective Web Application and Mobile Apps have been tested locally, customized as per user department and deployed on production environment of Punjab State Data Centre. Application has been integrated with Sandes for notifications and broadcasting services. This Web Application and Mobile Apps is useful for the Canal Department, farmers and other stakeholders to know about the level of water and schedule of releasing of water in Ferozepur Canal Circle.



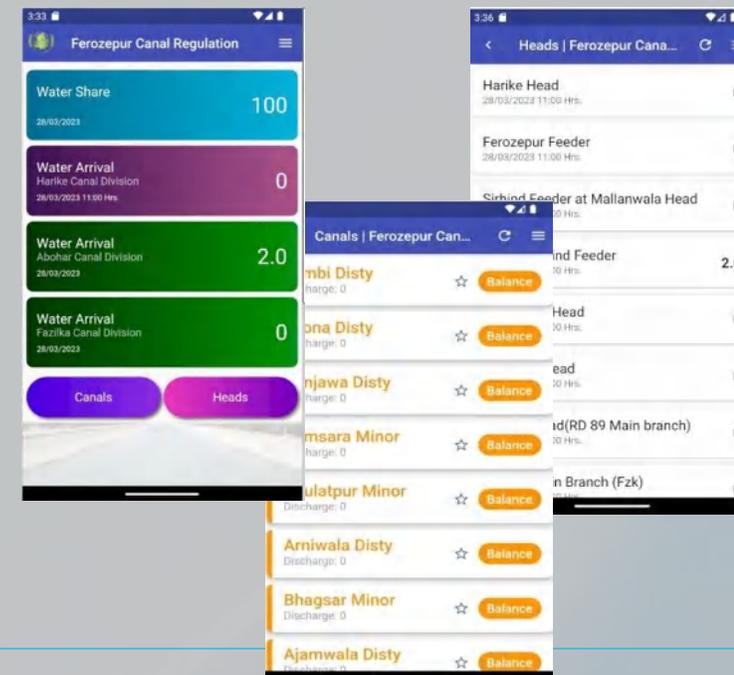
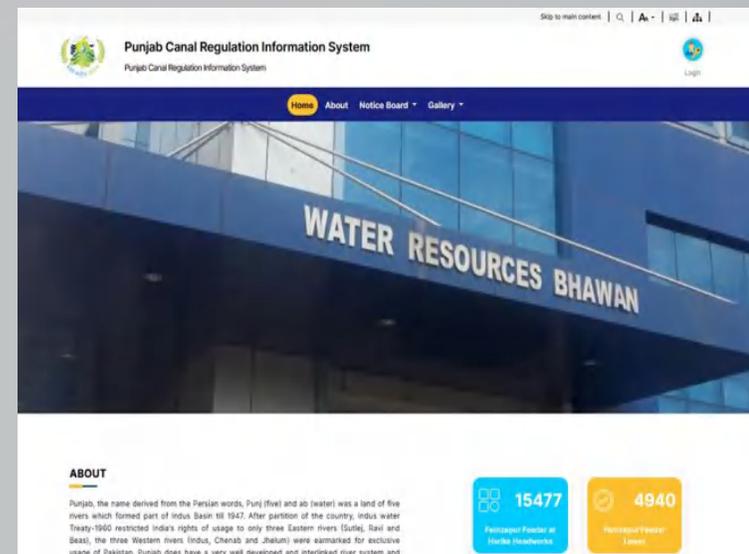
The screenshot shows the homepage of the Ferozepur Canal Regulation Computerisation System. The header includes the system name, a globe icon, and navigation links for HOME and LOGIN. The main content area is divided into four columns: Documents, News, Events, and Media. The Documents section shows a file named 'Kheti Sandes' dated 25/01/2023. The News and Events sections both display 'Comming Soon' messages. The Media section features a video player showing a canal. The footer contains a Disclaimer, Website Information (with links to Sitemap, Privacy Policy, and Feedback), and Important Links (with links to State Portal, Punjab Citizen Services, Water Resources Department Website, and Ferozepur District Website). At the bottom, there are icons for copyright, a refresh icon, and a visitor count of 2993.

## Disseminating information to farmers of 16.68 million hectares

<https://fccregulation.punjab.gov.in> - A Web Application & Mobile Applications for canals under Ferozepur Canal Circle were customized on pilot basis from Gang Canal Applications of NIC Ganga Nagar (Rajasthan). Department of Water Resource is willing to extend the functionality for whole Punjab state.

The proposed web based solution will have following features:

- Circle Wise mapping of the distributaries/ canals and minors.
- Discharge data with respect to all the distributaries/ canals
- Depiction of discharge of water.
- Role based access to web application.
- SMS/ Email/ Sandes gateways to keep stakeholders informed.
- Documents upload facility.
- Dynamic Pictorial representation further drilling down to layer of 1200 tributaries and 5 Headworks using Bharat Map.
- Web App will be in dual language (English/Punjabi) and farmer friendly.
- Similarly, the mobile app will be provided



## ABOUT

- ✓ CCBS is an integrated web-based solution for core banking functionalities to SCBs, DCCBs and PACS.
- ✓ Developed as per RBI and NABARD guidelines
- ✓ Provides basic banking functioning in Role Based & Work Flow Manner.
- ✓ Ensures financial inclusion by provisioning disbursement of scheme funds to beneficiaries.
- ✓ Centralized hosting infrastructure
- ✓ Minimized hardware and running cost
- ✓ Robust, Reliable and Scalable
- ✓ Ease of maintenance
- ✓ Common Reporting Systems
- ✓ Unicode Compliant

## MODULES

### Front-end Modules

- ✓ Account opening, KYC Norms
- ✓ Saving & Current Account
- ✓ Fixed /Reinvestment /Recurring Deposit
- ✓ Loan & Advances
- ✓ Cash Credit & Advances
- ✓ Clearing both inward & outwards
- ✓ Lockers, Shares
- ✓ Borrowing & Investment
- ✓ Remittances
- ✓ Statutory Reserve Fund
- ✓ Inter branch transaction
- ✓ SMS integration
- ✓ PACS credit, non credit and trading activities as per CAS guidelines

### Back End Modules

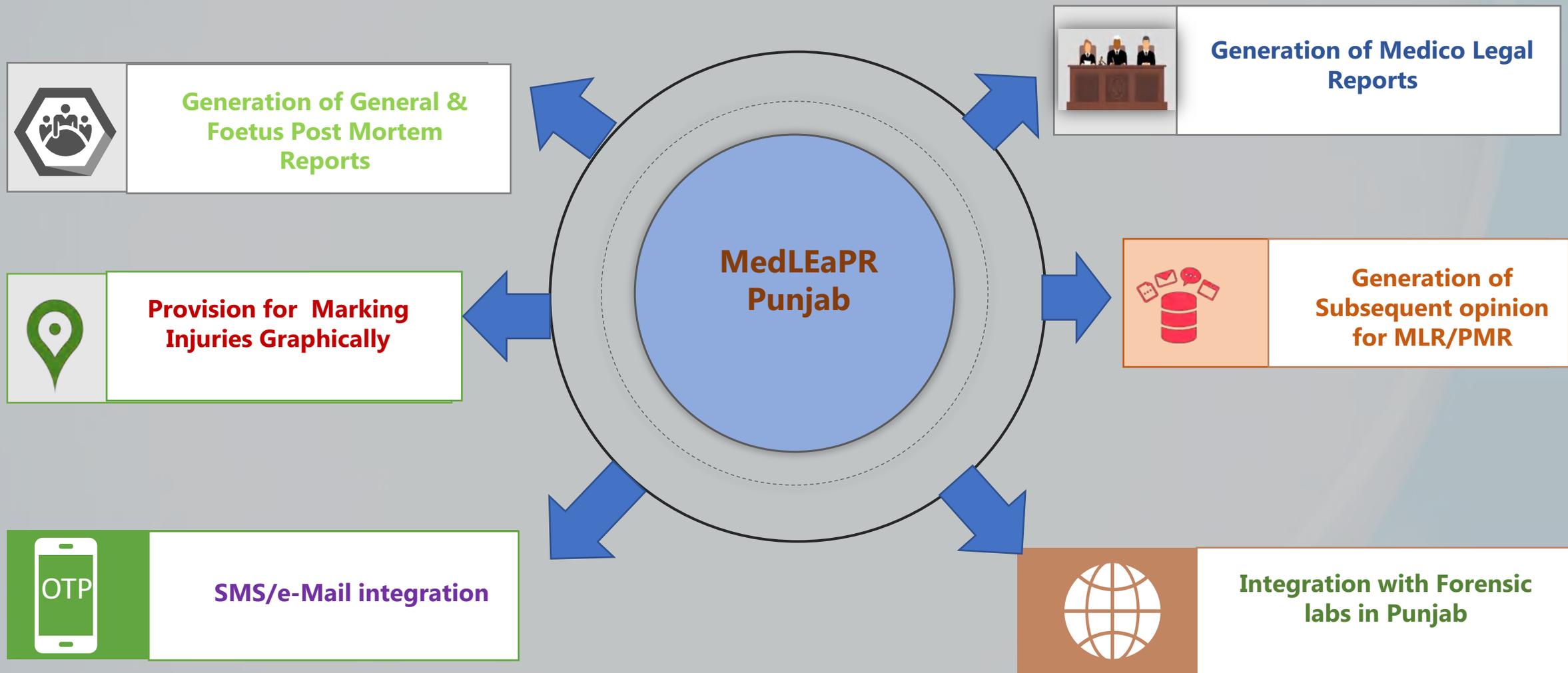
- ✓ Supplementary Day Book, Main Cash Book, GL & Trial Balance
- ✓ Scroll, Vouchers & Advice
- ✓ Balance Register
- ✓ Bill of Collection Reports
- ✓ Account Statement, Personal Ledger
- ✓ More than 200 MIS Reports

## BENEFITS

- ✓ Integration of PACS with SCB and DCCBs
- ✓ Centralized Monitoring & Reports
- ✓ Browser based, no need of local installation
- ✓ Lesser operational cost (server, DC/DR)
- ✓ Standardization Book keeping (CAS)
- ✓ Fast reporting system (MIS - CAS)
- ✓ Minimal investment & operational training
- ✓ Tracking of loans/follow-up with defaulters
- ✓ Sending of Demand letter to Farmers
- ✓ Administration of Kisan Credit Card Scheme, its Limit sanction, multiple deposits & withdrawals
- ✓ Issue of KCC Cards & management
- ✓ Linking can be done with the Land records database, cross checking of crop details and other social sector schemes

## IMPLEMENTATION

- ✓ Assigned to NIC in 2013-2016 for three years.
- ✓ Extended to 3 more years for support and hand-holding till March 2020.
- ✓ Further Extended for 3 Years
- ✓ 89 Primary Agriculture Development Banks totally online in Punjab.





- Preparation on Training Colander and Publish online.
- Automated Rule Based Calculations in Booking and Cancellation
- SMS facility to send general alerts to Trainees and payment alerts accommodation seekers

- Defined Rules fitting at Back & Front End
- Double Authentication & Verification of Transactions
- Reduction in Processes with defined steps.
- SMS Gateway Integration
- Payment Gateway Integration
- CMS Part of the Portal.
- With customization, can be used by other states.

- Faculty Profile Preparation
- Guest Faculty Registration
- Submission of Booking Request & Status Online
- Backend Process for Booking
- Publishing of Advertisements
- Uploading of Tenders, Downloads



## Village Directory

296 parameters of each village (12562) are collected every two years and a village directory is prepared which is used for the planning purpose of devising development schemes

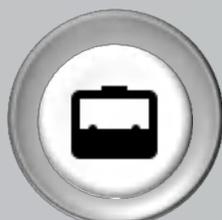
1



## Consumer Price Index (CPI)

Prices of 752 commodities are collected from 6 collection centers in Punjab and by applying specified formulas monthly CPI is calculated

2



## House Rent Index

House rent data is collected from the 6 collection centers in Punjab and by applying specified formulas HRI is calculated biannually

3



## Index of Industrial Production (IIP)

Total production figures of 176 items are collected from 268 factories in Punjab and by applying the formulas monthly and yearly IIP is calculated

4



## Setting up of LAN and WAN

Set up LAN and WAN at ESO HQ at Chandigarh and its all offices at districts

5

## Features

- ✓ Ensured Bi-Annually Distribution of Wheat in 30 Kg Packs
- ✓ Aadhaar-seeded digitized data.
- ✓ Robust 3-tier grievance redressal mechanism.
- ✓ End to End Computerization
- ✓ Food grain Allocation Linked with distribution

## Reengineering

- ✓ State Defined Rules
- ✓ Double Authentication & Verification of Transactions
- ✓ Reduction in Processes
- ✓ Complete Tracking Single Unified Platform
- ✓ ePoS For Ration Distribution
- ✓ SMS Integration

## Capacity Building

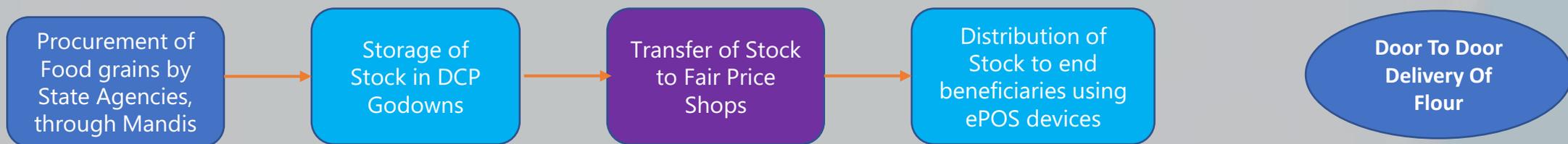
- ✓ Continuous Trainings
- ✓ Help Desk & eMail Support
- ✓ Robust 3-tier grievance redressal mechanism
- ✓ Soft Copies of Manuals, PPTs & Brochures

## Stake Holders

- ✓ Government of India
- ✓ Citizen
- ✓ Fair Price Shop
- ✓ PB State Civil Supplies Corporation
- ✓ Food Corporation of India
- ✓ Department of Food and Civil Supplies
- ✓ State Government
- ✓ Health Department

## Road Map

- ✓ AI in Allocations & Distribution
- ✓ Implementation of ONOC Scheme of GOI



### Transactions - (October-2022 To March -2023)

Total Cards	Availed Cards	Portability Cards
40,66,235	32,02,127	8,77,186
Total Shops	Active Shops	Bi-Annual Trans %
18,259	237	78.74
Bi-Annual Trans	Todays Trans	PMGKAY
32,23,797	800	34,43,040

Ration Card Management System (eRCMS)	Food & Essential Commodities Assurance & Security Target	Point of Sale (ePOS)
<b>Authorized Functionaries of Softwares</b>		
<b>eRCMS</b>	<b>FEAST</b>	<b>ePOS</b>
Data Entry Operator (DEO), Food Inspector, Assistant Food Supply Officer, District Food Supply Controller (DFSC), Director/ Administrator, Reports	Depot/ Godown, Director/ Administrator, Reports Viewer, District Food Supply Controller (DFSC),	Inspector, District Food Supply Controller (DFSC), Administrator

## Digital life Certificate for pensioners

1,84,000+

Total DLCs  
generated since  
inception in Punjab

I have submitted my  
Digital Life Certificate  
on Jeevan Pramaan

26,717+

DLCs generated from  
Nov, 2020 till date

1,10,000+

DLCs successfully  
processed since  
inception in Punjab



21,650+

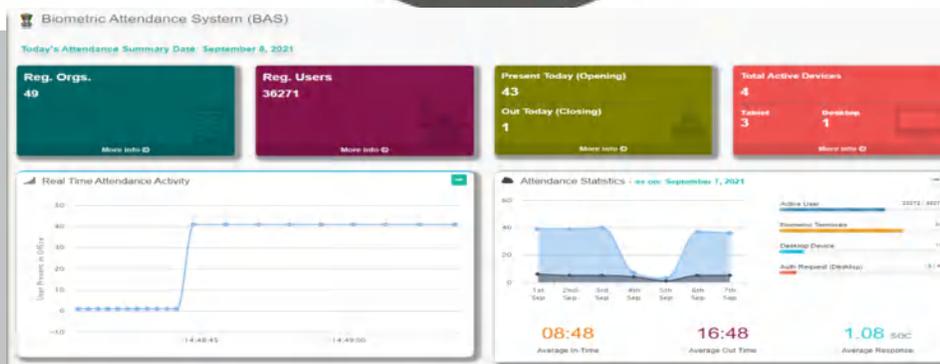
DLCs successfully  
processed

**Successfully implemented in state government offices/Boards/Corporations/Authorities listed below**

Punjab Mandi Board
Punjab State Warehousing Corporation
The Punjab State Cooperative Milk Producers Federation Ltd
Punjab Health Systems Corporation
DGR
Udyog Bhawan (ii) Punjab State Industrial Development Corporation Ltd. (PSIDC)
Udyog Bhawan (iii) Controller of Stores Punjab
Udyog Bhawan (iv) Punjab Small Industries & Export Corporation Ltd (PSIEC)
Udyog Bhawan (v) Northern India Institute of Fashion Technology (NIIFT), Ludhiana
Udyog Bhawan (vi) Northern India Institute of Fashion Technology (NIIFT), Mohali
Udyog Bhawan (vii) Punjab Khadi and Village Industries Board
GMADA, PUDA
Town and Country Planning
Directorate General of School Education (DGSE)



Punjab Excise & Taxation Technical Services Agency Patiala
Excise and Taxation Department Patiala
National Health Mission
GLADA
Department of Local Government
Amritsar Development Authority
Bathinda Development Authority
Department of Health and Family Welfare
DC office SBS Nagar
Jalandhar Development Authority
Pushpa Gujral Science City Kapurthala
Punjab Pollution Control Board Patiala
Urban Planning and Development Authority Patiala
Punjab Biotechnology Incubator SAS Nagar
Director Treasuries and Accounts Finance Department Punjab
Punjab State Civil Supplies Corporation Ltd.
Punjab Real Estate Regulatory





**Punjab Legislative Assembly**  
ਪੰਜਾਬ ਵਿਧਾਨ ਸਭਾ  
15th Punjab Legislative Assembly



**National e-Vidhan Application**

HOME

TODAY BUSINESS QUESTIONS LEGISLATION

COMMITTEE MEMBERS DIGITAL LIBRARY CONTACTS

1

Notices Received

2

Government Bills

0

Committee Reports

170

Questions

114

Paper-Laid

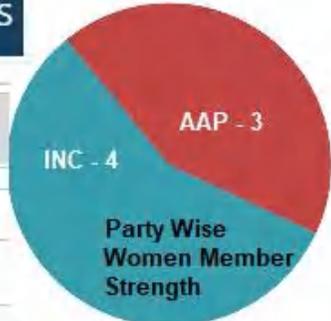
117

Member

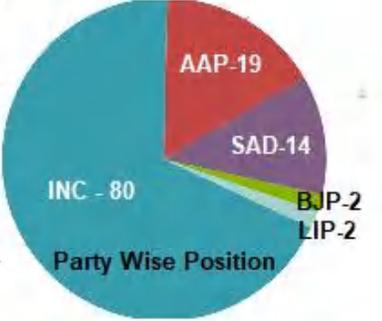
**MY NeVA** DOWNLOAD Session Calender

1. List of Business
2. Papers to be Laid
3. Bulletin
4. Proceedings
5. Synopsis
6. Bills
7. Questions - Starred
8. Questions - Unstarred
9. Bulletin - Statistical
- Cut Motion
- Notice
- Notification

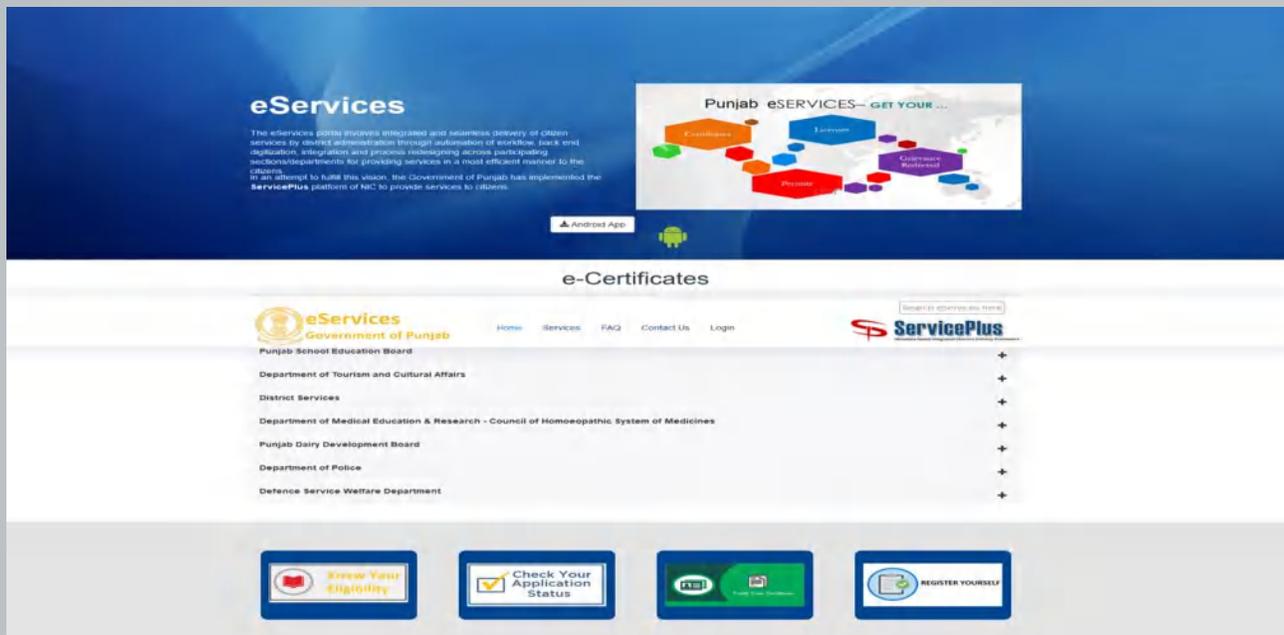
**Party Wise Women Member Strength**



**Party Wise Position**







## Services Launched

- ✓ Punjab Farm Tourism Scheme
- ✓ Bed and Breakfast/Home Stay
- ✓ Dogra Certificate
- ✓ Income Certificate
- ✓ Tented Accommodation and Camping Site
- ✓ Recruitment of Dastaan-E-Shahadat
- ✓ Verification of Certificates
- ✓ Online slot Booking for VIRASAT-E-KHALSA Museum of Sikhism, Anandpur Sahib and DASTAAN-E-SHAHADAT Theme Park, Chamkaur Sahib
- ✓ Service for e-Appointment with Honorable Chief Minister Punjab
- ✓ 4 Services of Medical Education and Research
- ✓ Service to streamline the process to enroll Khangi Taqseem (family partition).
- ✓ Services for Defence Welfare Service
- ✓ Web Portal and Service for CM DI YOGSHALA

**Total Services: 51**

**Total List of Services ->**  Adobe Acrobat Document

Operational	26	Under Development	14	Under Testing	6	Ready to Launch	5
-------------	----	-------------------	----	---------------	---	-----------------	---



## Components

Web based application for Poll Day Monitoring

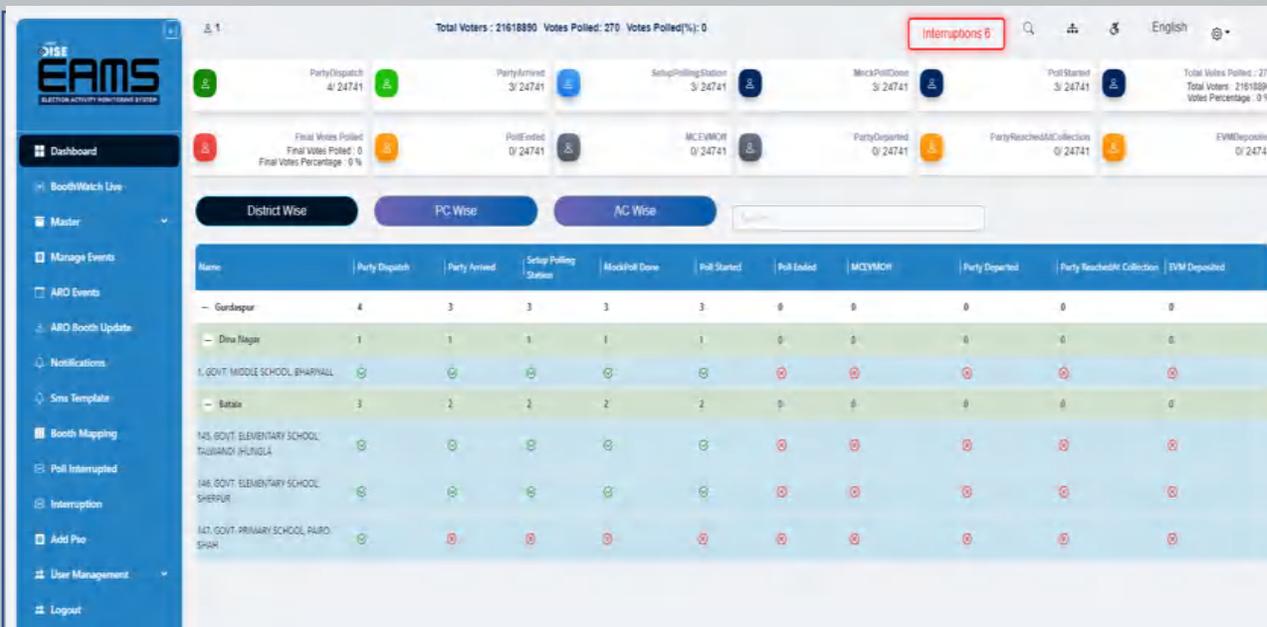
Android & IOS based mobile app

Dashboard for ROs, DEOs and CEO

Information in real-time about various events related to each booth was required to be intimated on a day prior to the poll and on the day of polling.

Information in real-time about various events related to each booth was required to be intimated on a day prior to the poll and on the day of polling.

There are 117 Assembly Constituencies in Punjab and 2084 Sector Officers/Supervisors were deputed at 24737 Polling Booths for carrying out various Election duties. Each Sector Officer/Supervisor was allotted multiple booths.



**EAMS** ELECTION ACTIVITY MONITORING SYSTEM

Total Voters : 2161890 Votes Polled: 270 Votes Polled(%): 0

Interruptions: 6

Party Dispatch: 4/24741 Party Arrived: 3/24741 Setup Polling Station: 3/24741 Mock Poll Done: 3/24741 Poll Started: 3/24741 Total Votes Polled: 270 Total Voters: 2161890 Votes Percentage: 0%

Final Votes Polled: 0 Final Votes Polled(%): 0% Poll Ended: 0/24741 Mock Poll Done: 0/24741 Party Departed: 0/24741 Party Reached/Collection: 0/24741 EVM Deposited: 0/24741

Filters: District Wise | PC Wise | AC Wise

Name	Party Dispatch	Party Arrived	Setup Polling Station	Mock Poll Done	Poll Started	Poll Ended	MCKVMCH	Party Departed	Party Reached/Collection	EVM Deposited
Gurdaspur	4	3	3	3	3	0	0	0	0	0
Dina Nagar	1	1	1	1	1	0	0	0	0	0
1. GOVT. MIDDLE SCHOOL BHARIAL	0	0	0	0	0	0	0	0	0	0
Batala	3	2	2	2	2	0	0	0	0	0
125. GOVT. ELEMENTARY SCHOOL TAWMANDI (HUNGLA)	0	0	0	0	0	0	0	0	0	0
126. GOVT. ELEMENTARY SCHOOL SHERPUR	0	0	0	0	0	0	0	0	0	0
127. GOVT. PRIMARY SCHOOL PARO SHAH	0	0	0	0	0	0	0	0	0	0



The mobile app interface includes:

- Registration:** A screen to enter a phone number for OTP verification.
- Party Dispatch:** A screen showing a pie chart with 73% Pending and 27% Completed.
- Setup Polling Station:** A screen with buttons for 'Pending' and 'Completed'.
- Booths List:** A screen displaying a list of booths with their names and status, such as '151. Govt. high school, sarkoha' and '152. Govt. Sen. Sec. School, CHUHRCHIAKK'.

**A complete MIS for MPR preparation, submission and compilation**

Please submit the MPR for the month of **March**, 2023 immediately.

(MPR status for the month of **March**, 2023)

NIC Amritsar	NIC Barnala	NIC Bathinda ✓	NIC FGS	NIC Faridkot
NIC Fazilka	NIC Ferozpur ✓	NIC Gurdaspur ✓	NIC Hoshiarpur ✓	NIC Jalandhar ✓
NIC Kapurthala ✓	NIC Ludhiana ✓	NIC Mansa	NIC Moga	NIC Mukatsar ✓
NIC Patiala	NIC Pathankot	NIC Ropar ✓	NIC SBS Nagar ✓	NIC Sangrur
NIC SAS Nagar	NIC Tarantaran	Division 1 PBSC ✓	Division 2 PBSC ✓	Division 4 PBSC ✓
Division 5 PBSC ✓	Division 6 PBSC ✓	Division 7 PBSC ✓	IVFRT ✓	NIC Malerkotla

New Projects launch...

**IRAD**

The Integrated Road Accident Database (IRAD) Project is an initiative of the Ministry of Road Transport and Highways (MoRTH), Government of India and is funded by World Bank, with objective to improve road safety in the country.

*Sign in to eMPR*



Email Id

Password

Login

NIC Punjab has its own application for collecting MPR from all divisions and districts of NIC Punjab State.

MONTHLY PROGRESS REPORT NIC PUNJAB							
Prepare MPR	1	September	2020	2/2/2021	MPR Submitted	<a href="#">View</a>	
	2	October	2020	11/5/2020	MPR Submitted	<a href="#">View</a>	
	3	November	2020	12/3/2020	MPR Submitted	<a href="#">View</a>	
	1. Central Project	4	December	2020	1/4/2021	MPR Submitted	<a href="#">View</a>
		5	January	2021	2/2/2021	MPR Submitted	<a href="#">View</a>
	2. State Project	6	February	2021	3/3/2021	MPR Submitted	<a href="#">View</a>
		7	March	2021	4/5/2021	MPR Submitted	<a href="#">View</a>
	3. Major Enhancements	8	April	2021	5/7/2021	MPR Submitted	<a href="#">View</a>
		9	May	2021	9/3/2021	MPR Submitted	<a href="#">View</a>
	4. New Development	10	June	2021	9/3/2021	MPR Submitted	<a href="#">View</a>
		11	July	2021	1/3/2022	MPR Submitted	<a href="#">View</a>
	5. Major Event	12	August	2021	9/3/2021	MPR Submitted	<a href="#">View</a>
		13	September	2021	10/4/2021	MPR Submitted	<a href="#">View</a>
	6. Reviews	14	October	2021	10/29/2021	MPR Submitted	<a href="#">View</a>
		15	November	2021	11/30/2021	MPR Submitted	<a href="#">View</a>
	7. Existing Central Projects	16	December	2021	1/3/2022	MPR Submitted	<a href="#">View</a>
		17	January	2022	1/31/2022	MPR Submitted	<a href="#">View</a>
	8. Existing State Projects	18	February	2022	3/2/2022	MPR Submitted	<a href="#">View</a>
		19	March	2022	3/29/2022	MPR Submitted	<a href="#">View</a>
	9. Maitry Initiatives	20	April	2022	5/2/2022	MPR Submitted	<a href="#">View</a>
		21	May	2022	5/31/2022	MPR Submitted	<a href="#">View</a>
	10. Major Training	22	June	2022	7/1/2022	MPR Submitted	<a href="#">View</a>
		23	July	2022	8/1/2022	MPR Submitted	<a href="#">View</a>
	11. Major Awards	24	August	2022	8/31/2022	MPR Submitted	<a href="#">View</a>
		25	September	2022	10/4/2022	MPR Submitted	<a href="#">View</a>
	12. Significant Activity	26	October	2022	11/1/2022	MPR Submitted	<a href="#">View</a>
		27	November	2022	12/5/2022	MPR Submitted	<a href="#">View</a>
	13. Next Month Activity	28	December	2022	1/3/2023	MPR Submitted	<a href="#">View</a>
		29	January	2023	2/3/2023	MPR Submitted	<a href="#">View</a>
		30	February	2023	3/2/2023	MPR Submitted	<a href="#">View</a>
		31	March	2023	4/5/2023	MPR Submitted	<a href="#">View</a>



Ministry of Health and Family Welfare  
OxyCare - Management Information System  
OC-MIS

Home About Device Wise Contact Point Health Facility Helpline Contacts LOGIN

### Integrated Portal for Managing Oxygen Devices

113986	Oxygen Concentrators Supply Chain, Receipts, Functioning, Problem Reports
4727	PSA Oxygen Plants, Installation & IoT based Live Reporting
51810	Ventilators Onboarded
50000	Oxygen Controllers Onboarded
150000	Oxygen Cylinders

30,000+ Downloads

<https://oxycare.gov.in>

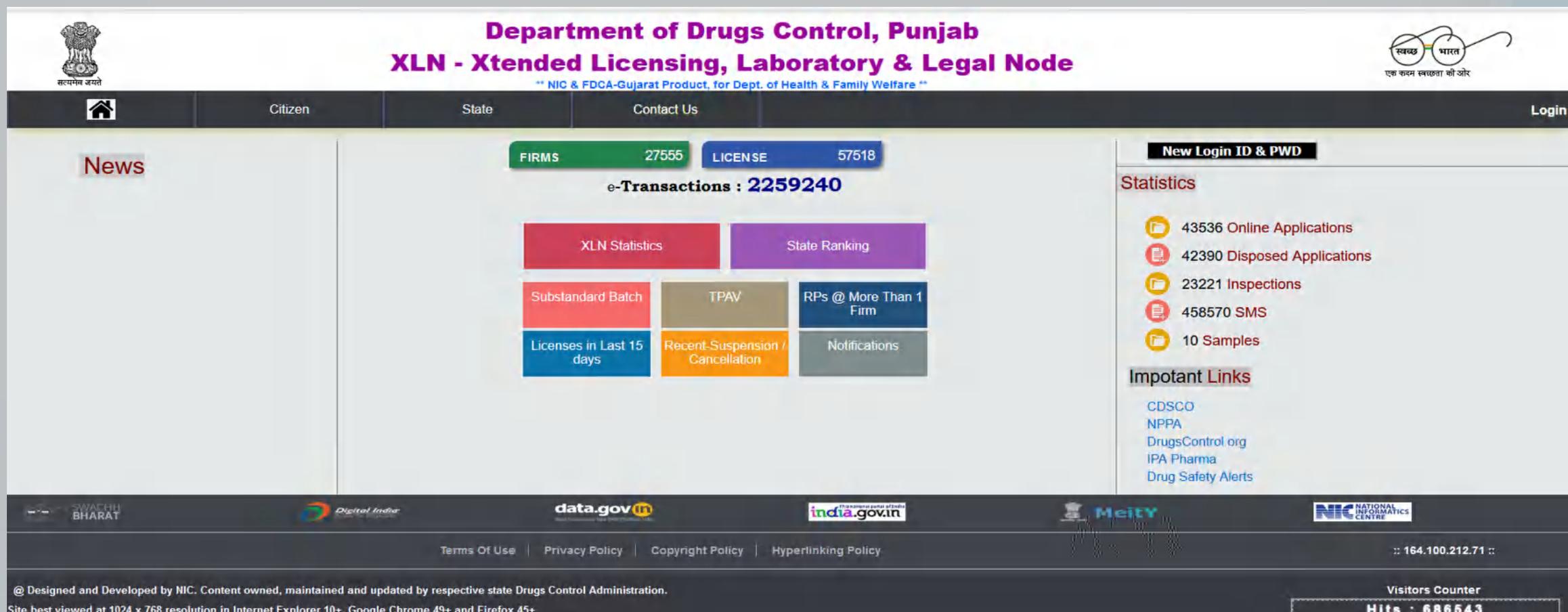
OxyCare facilitates fast-track the availability of medical oxygen in Health facilities and tracks each oxygen device for providing better services to the patients. Oxygen Concentrators (OCs) and PSA Plants and ventilators are being monitored using this system presently.

Status:

- Oxygen Concentrator delivered/ installed: 2042
- PSA (Pressure swing adsorption )Plant installed : 143
- Ventilators installed : 846

XLN portal facilitates online submission of application by retailers & wholesalers for the issuance/ monitoring of drugs Sales License. Status:

Online application : 74972, Total License issued : 54073, Total e-Transaction : 2259240



The screenshot shows the homepage of the Department of Drugs Control, Punjab, XLN - Xtended Licensing, Laboratory & Legal Node. The page features a navigation bar with 'Citizen', 'State', and 'Contact Us' options, and a 'Login' button. The main content area displays key statistics: 27555 FIRMS, 57518 LICENSES, and a total of 2259240 e-Transactions. A grid of buttons provides access to various sections like 'XLN Statistics', 'State Ranking', 'Substandard Batch', 'TPAV', 'RPs @ More Than 1 Firm', 'Licenses in Last 15 days', 'Recent-Suspension / Cancellation', and 'Notifications'. A 'New Login ID & PWD' section is also present. On the right, a 'Statistics' section lists: 43536 Online Applications, 42390 Disposed Applications, 23221 Inspections, 458570 SMS, and 10 Samples. Below this, 'Important Links' include CDSCO, NPPA, DrugsControl.org, IPA Pharma, and Drug Safety Alerts. The footer contains logos for Swachh Bharat, Digital India, data.gov.in, india.gov.in, MeitY, and NIC, along with terms of use, privacy policy, copyright policy, and hyperlinking policy. A visitor counter shows 686543 hits.

## Highlights:

- Centralized portal to manage and monitor the patient registration at various OOAT and private centres.
- Storage of Aadhaar related details in a secured data vault..
- Biometric Authentication of Patient through Aadhaar based eKYC authentication at the time of Registration and treatment follow-up.
- Monitoring the treatment provided to patients registered at various OOAT centres.
- To check the availability of medicine stock in various centres.
- Integration with e-Aushadhi portal which comprises of Drug and Vaccine Supply Chain Management that deals with Purchase Order.

## Current Status:

- Software development completed and pilot testing done.
- Application is ready for launch
- Department has published tender for procurement of Thumb reader and Web camera

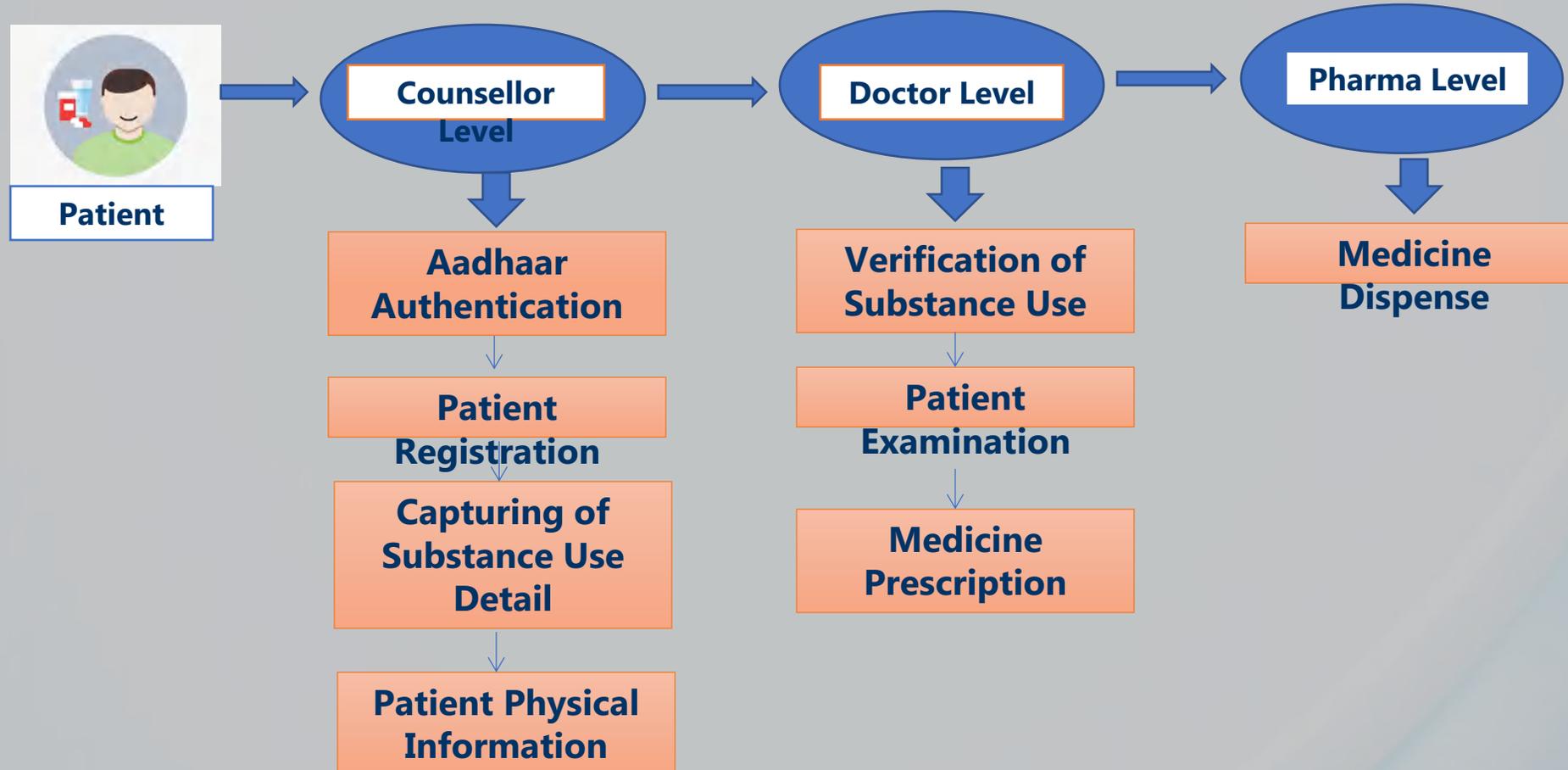
## Salient Features:

- Capturing of complete patient history.
- Captures complete work flow implementation covered under patient registration and treatment follow-up process.
- Uploading of Urine report in PDF format during registration
- Online updation of Medicine stock through e-Aushadhi portal.
- Inventory Management & Distribution of various drugs etc.
- Patient once registered, can avail follow-up treatment at any Centre.

## Scope of implementation :

- 529 OOAT (Govt.) clinic treatment Centers.
- 177 Private treatment Centres.

## Patient Treatment and follow-up Work Flow:



# Other Major Applications

01

**SPARROW** - Implemented in Punjab for IAS, IFS, IRS and IPS Officers

02

**ePanchayat** - e-Governance system in Panchayati Raj Institutions to make them efficient, transparent and accountable in carrying out their assigned responsibilities

03

**PM KISAN** - 21 Lakhs plus beneficiaries under the scheme have been identified by the State

04

**MGNREGA** - A web based system facilitates for online data entry, issuing job cards and monitoring of work allocation and funds under NREGA

05

**eSamiksha** - Punjab-eSamikSha is a real time, on-line system for monitoring of follow-up action on the decisions taken during the presentations made by different Departments/Districts to the Chief Minister.

06

**NSAP** - It comprises of Indira Gandhi National Old Age Pension Scheme (IGNOAPS), Indira Gandhi National Widow Pension Scheme (IGNWPS), and Indira Gandhi National Disability Pension Scheme (IGNDPS).

07

**NSP** - Common electronic portal for implementing various Scholarships schemes launched by Union Government, State Government and Union Territories across the country.

08

**WAMSI** - Computerize the process of Properties Registration, Muttawalli Returns, Leasing of Properties Management, Litigations Tracking Management, Documents Archiving & Retrieval Management, GIS of Waqf Properties, Funds Management to Mosques, Durgah, Kabristan, Imams, Muazzins, Widows, Girls, Schools, Hospitals, Dispensaries, Musafir Khanas etc...

09

**CPPP** - It facilitates all the Central Government Organizations to publish their Tender Enquiries, Corrigendum and Award of Contract details.

10

**NADRS** - In Punjab 141 blocks, 22 districts are under the ambit of this project.

11

**India Code Portal** - Digital repository for all central and state acts, Successfully implemented in Punjab.

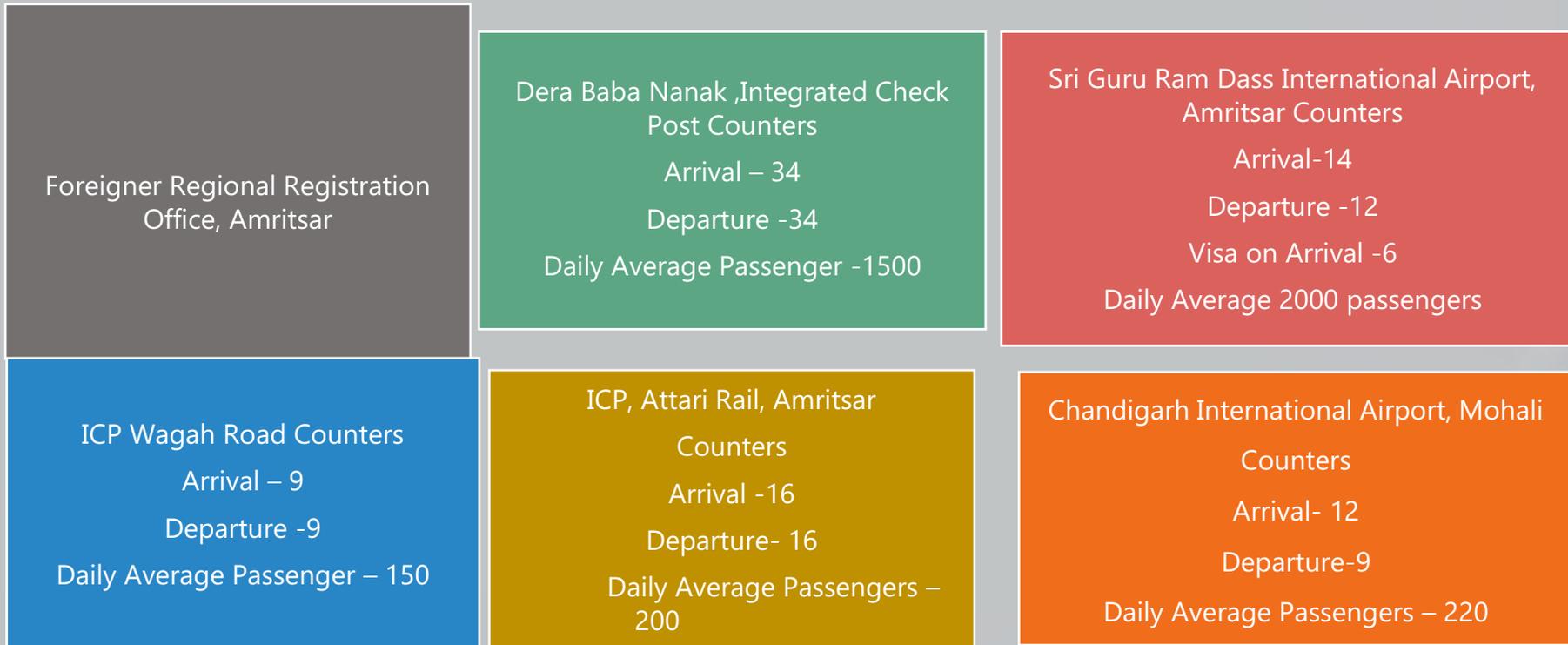
12

**Web Portal for Local Government** - A comprehensive, secure web portal developed to disseminate information related to department.

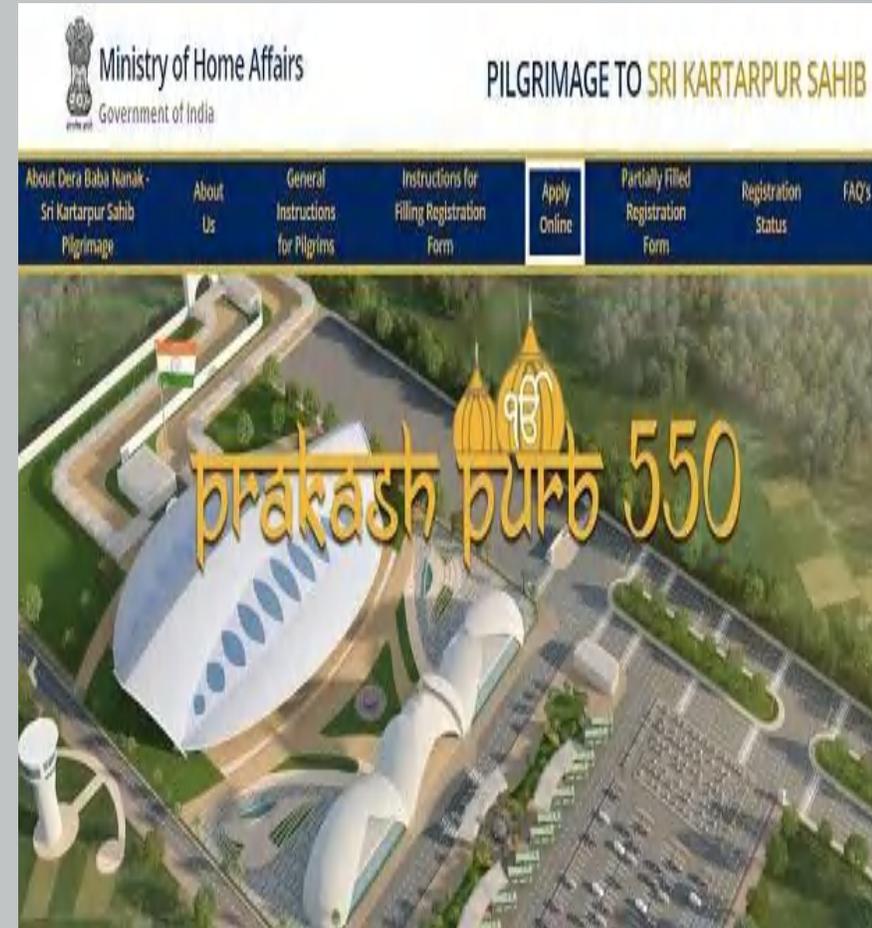
13

**PDSAP** - Punjab Data Sharing and Accessibility Policy <https://punjab.data.gov.in>

# IVFRT



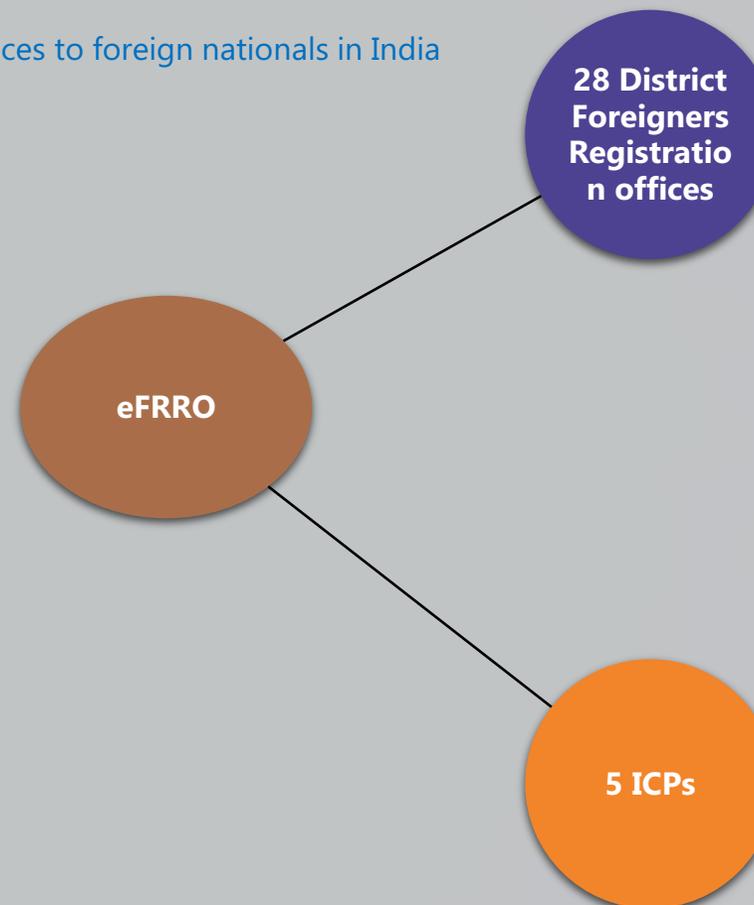
- Online Registration of the Pilgrims to Visit Sri Kartarpur Sahib.
- Security vetting of the registered pilgrims by the concerned district police authorities and intelligence agencies
- Compilation of the list of the pilgrims to visit Kartarpur Sahib on daily basis by MHA
- Share the data of the pilgrims with Pakistani authorities for clearance prior to visit to Kartarpur sahib
- Upload the data of the pilgrims cleared and issue ETA (Electronic Travel Authorisation) letters to pilgrims through email
- Verify the data, documents and capturing of the biometrics of the pilgrims at departure counters of the ICP DBN
- Validate the biometrics of the pilgrims at arrival counters of the ICP DBN
- Immigration Counters :- 76 [ Departure 38 and Arrival 38 ]
- On average daily 600 pilgrims pay obeisance at Sri Kartarpur Sahib in Pakistan



## eFRRO

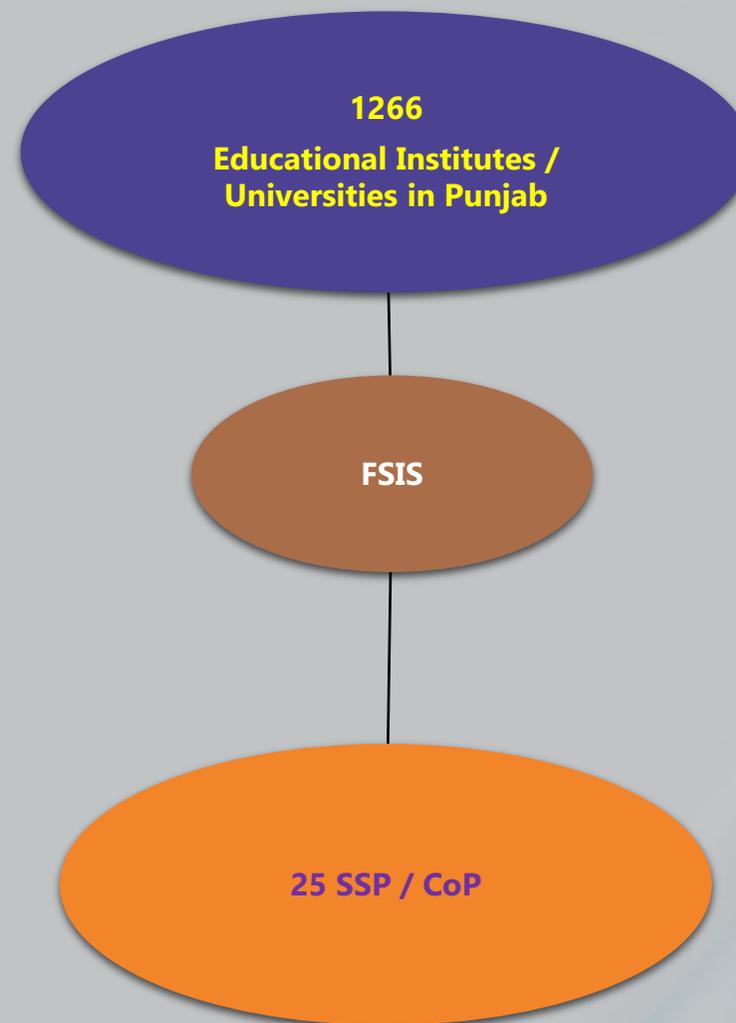
eFRRO is a workflow based web application for rendering various services to foreign nationals in India

- ✓ Registration,
- ✓ New Visa / Extension of Visas
- ✓ Exit Permits
- ✓ Temporary Landing Permits
- ✓ Restricted Area Permits
- ✓ Prohibited area Permits
- ✓ Police Clearance Certificates
- ✓ Other miscellaneous services



## FSIS

- ✓ Foreign Students Information System is a light weight web based Application used for capturing the data of foreign students enrolled in Educational institutes / Universities by the educational authorities in Punjab.
- ✓ Role Based functionalities for Institutions, FRROs/FROs and Ministry of Home Affairs.
- ✓ Facility to keep track of the foreign students by the respective FROs / SSP offices in Punjab
- ✓ The information including multiple passport, visa, course and academic performance is shared through UCF (Unique Case File).

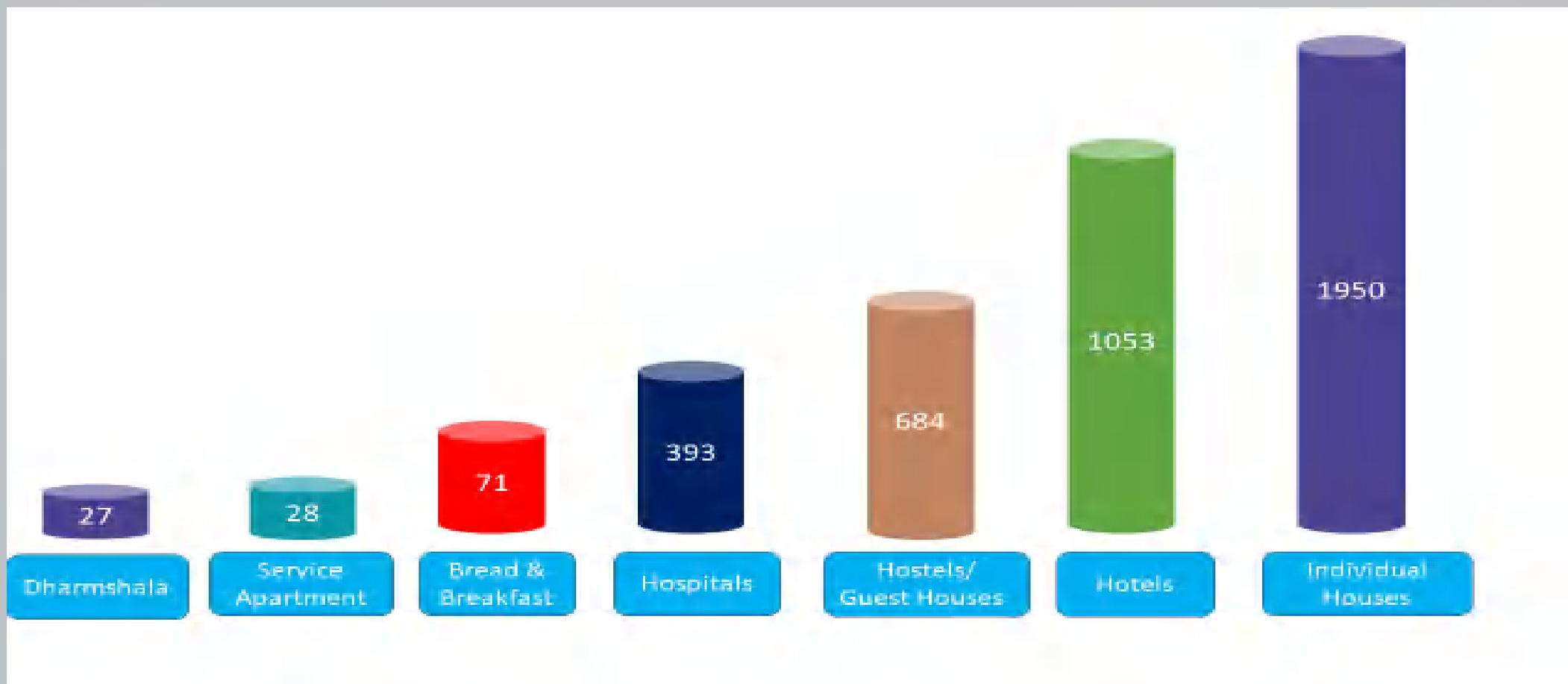


## Online cFORM

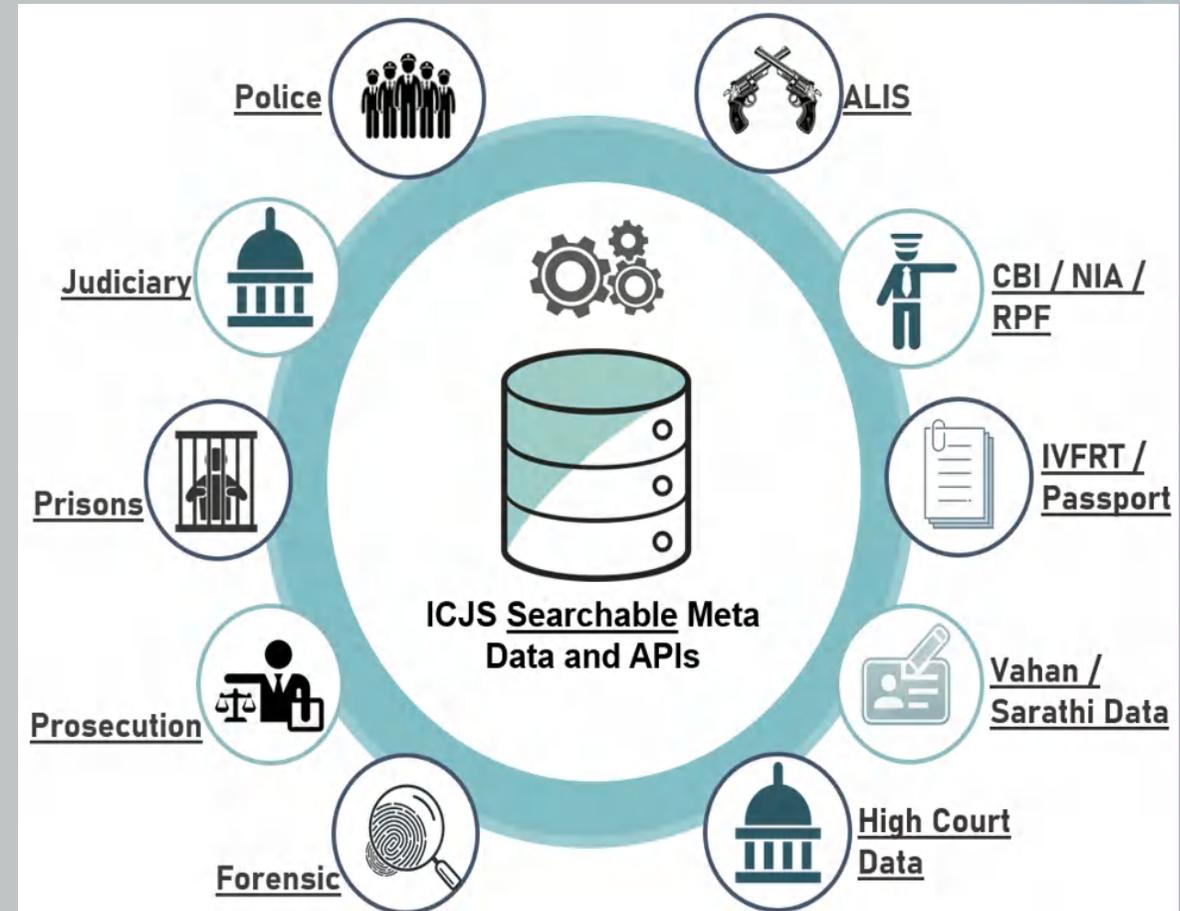
- ✓ cForm is web based application used for capturing the data of foreigners checking in hotels, guest houses and homestays.
- ✓ cForm is also mandatory for foreigners visiting India for medical treatment and staying in hospitals, hotels etc.
- ✓ cForm is also compulsory for foreign students staying in hostels of educational institutes / universities.
- ✓ SSP office of the concerned district can generate reports based on various parameters to keep track of the foreign nationals in their respective jurisdictions.



## Registration of the entities in Online cForm of Punjab state



- ✓ Interoperable Criminal Justice System (ICJS) has been conceptualized with an objective to facilitate delivery of justice by digitizing and inter-linking the data exchange among the Police, Courts Prosecution, Forensics and Prison.
- ✓ All the five constituent pillars of justice have been integrated for fast delivery of justice.
- ✓ Recently more pillars have been integrated with ICJS to broaden its scope.
- ✓ Implemented in 250 police stations, Intelligence Department, SSP offices, Punjab Police HQ.

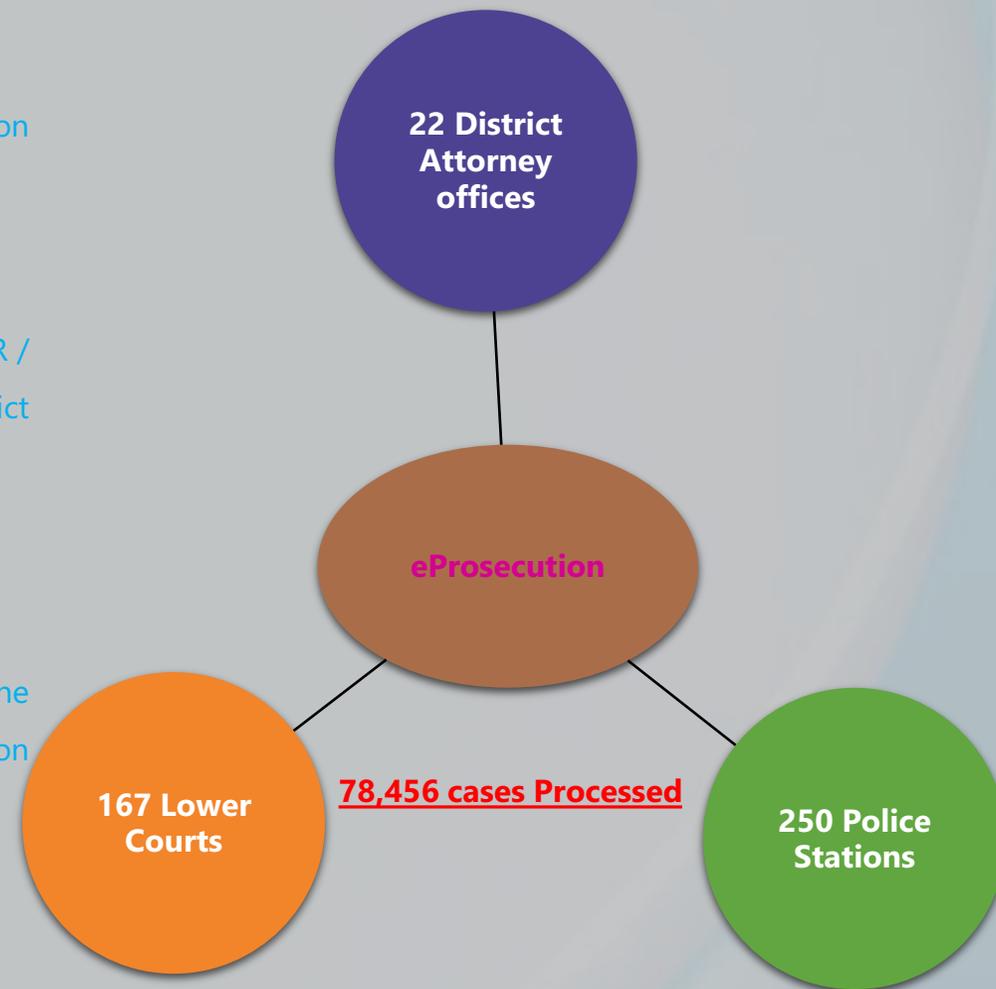


## Introduction

- ✓ e-Prosecution portal is a platform which provides electronic communication between Police department and Prosecution department.
- ✓ e-Prosecution is integrated with CCTNS (FIR Data) and eCourts systems.
- ✓ e-Prosecution platform enables police station to refer and get legal opinion for FIR / non-FIR cases and scrutiny of draft charge sheets electronically from District Attorney offices.

## Objective

- ✓ The main objective of the application is to create a platform which makes the communication quick and transparent between police stations and prosecution department for faster delivery of justice.



## Responsibilities

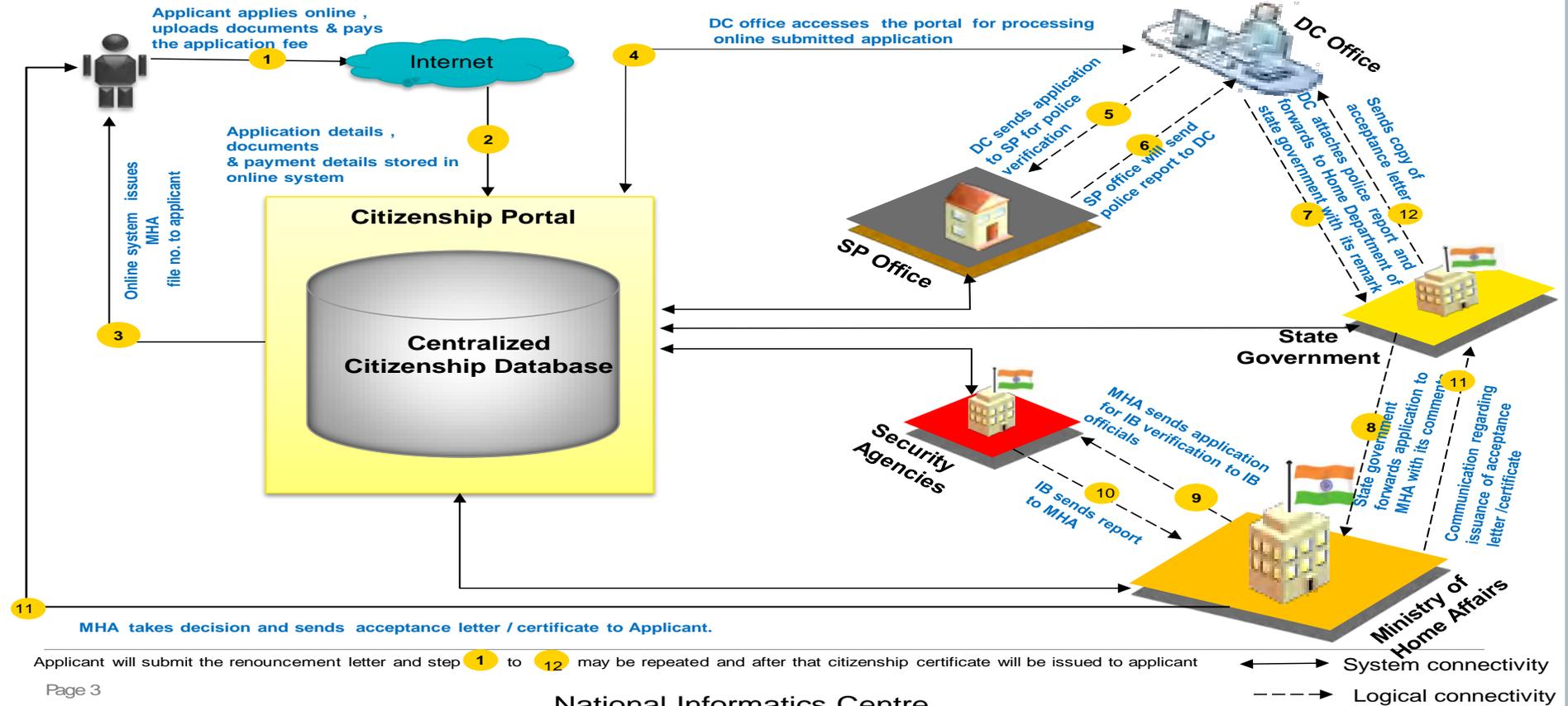
- ✓ Rollout of NDAL-ALIS in 28 Arms Licensing branches in DC / ADC and Commissionerates of Police in Punjab.
- ✓ State admin for NDAL-ALIS for the administration of district admin users
- ✓ Training of DIOs and officers / officials of DC /ADC/ CoP
- ✓ Technical support and capacity building of officers / officials
- ✓ Coordination with the development team for incorporation of any changes in NDAL-ALIS

**1224  
Arms Dealers  
and  
Manufacturers in  
Punjab**

**4,50,352 Arms  
Licenses  
digitized in  
NDAL across all  
districts in  
Punjab**

**4,41,112 UID  
Unique  
Identification  
Numbers  
generated.**

## Process Flow



Applicant will submit the renouncement letter and step 1 to 12 may be repeated and after that citizenship certificate will be issued to applicant

Online Indian Citizenship is a paperless, cashless and faceless software solution for processing the citizenship applications of the foreigners to acquire Indian citizenship.

## Objectives

- ✓ Foreign National who would like to avail the Indian Citizenship applies through Indian citizenship portal
- ✓ Availability of centralized database of online citizenship applications with Ministry of Home Affairs
- ✓ Uniformity in processing of applications for Indian Citizenship
- ✓ Better monitoring and tracking of the cases
- ✓ Tracking of the application – by applicant, MHA as well as by other agencies
- ✓ Simpler, faster and transparent process of the applications for grant of Indian Citizenship

## Responsibilities

- ✓ Rollout of Indian Citizenship in all twenty two districts of Punjab.
- ✓ Issuance of over 100 VPN tokens to Dy. Commissioners, Sr. Superintendents of Police, ACS and other dealing officials
- ✓ Training and coordination with DIOs
- ✓ Training of district officers / officials dealing with IC.
- ✓ Technical support

**eTula for Department of Legal Metrology, Punjab**

**Digital MC House Application eNIGAM**

**Chief Minister - Numerous Integrated References Disposal Electronic System for Honorable's CM –NIRDESH**

**Drug De-Addiction Registry Portal**

**MIS for ASHA Workers**

**MIS for Department of Water Supply and Sanitation**

**Punjab Canal Regulation Information System**

**National Prison Inmate Calling System**

**Attendance System based on Face Recognition (using Artificial Intelligence)**

**Web Application for PIDB (Punjab infrastructure development Board)**

**Markfed ERP Solution**

**OBPAS (Online Building Plan System) for Local Government**

**Automation of Land Acquisition Process – Bhoomi Rashi (MoRTH)**

**SugarFed ERP**



# Thank You...

