सत्यमेव जयते

National Informatics Centre

Punjab State Centre

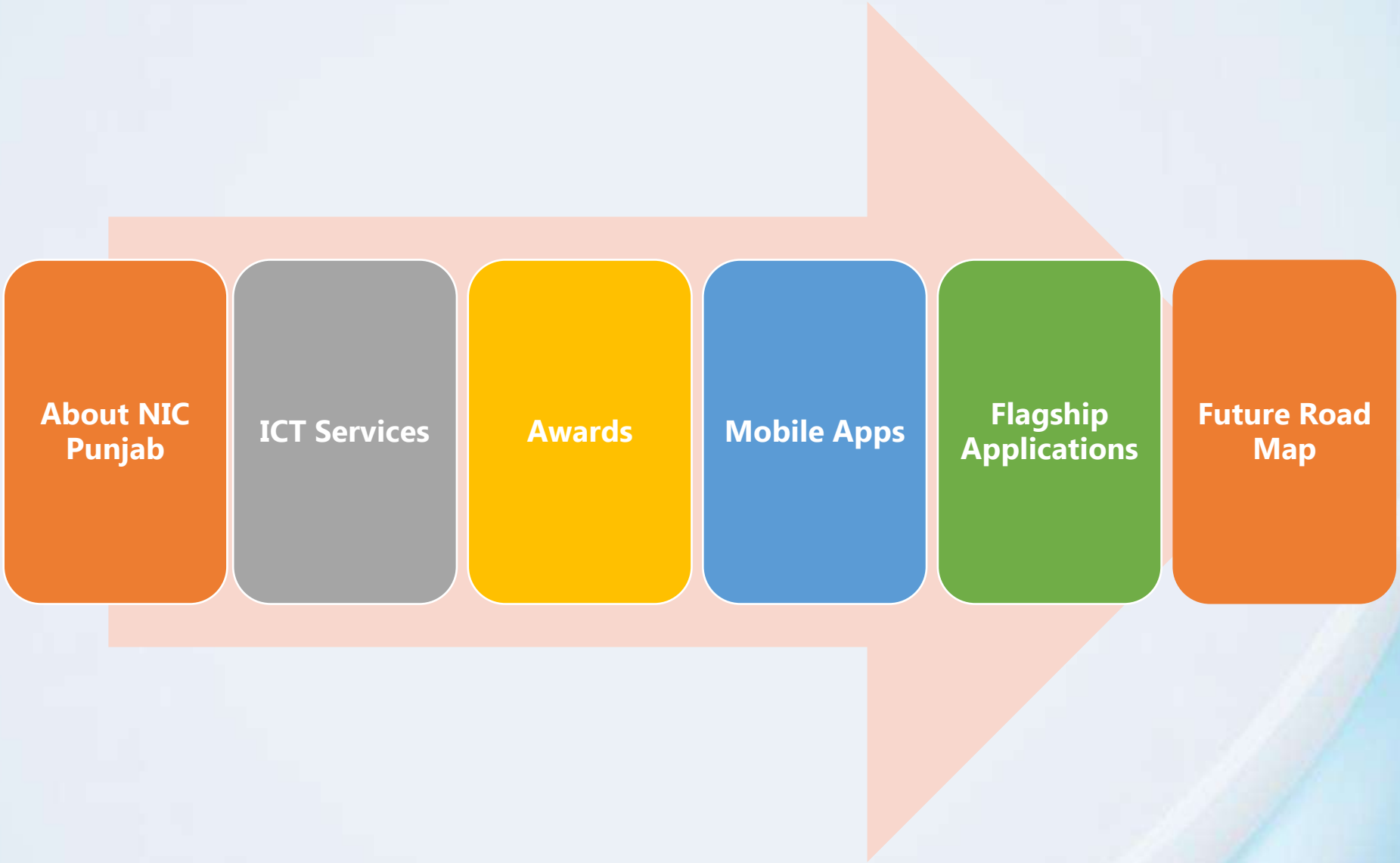
Profile & Achievements

http://pbsc.nic.in

Vivek Verma
Deputy Director General & State Informatics Officer
Mobile: 9417367744
Landline: 0172-2747357
Email: sio-punjab@nic.in

April 2023

Table of Content



About NIC Punjab

Established in 1988

Providing ICT Support to Punjab Government

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

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

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

Various ICT solutions

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

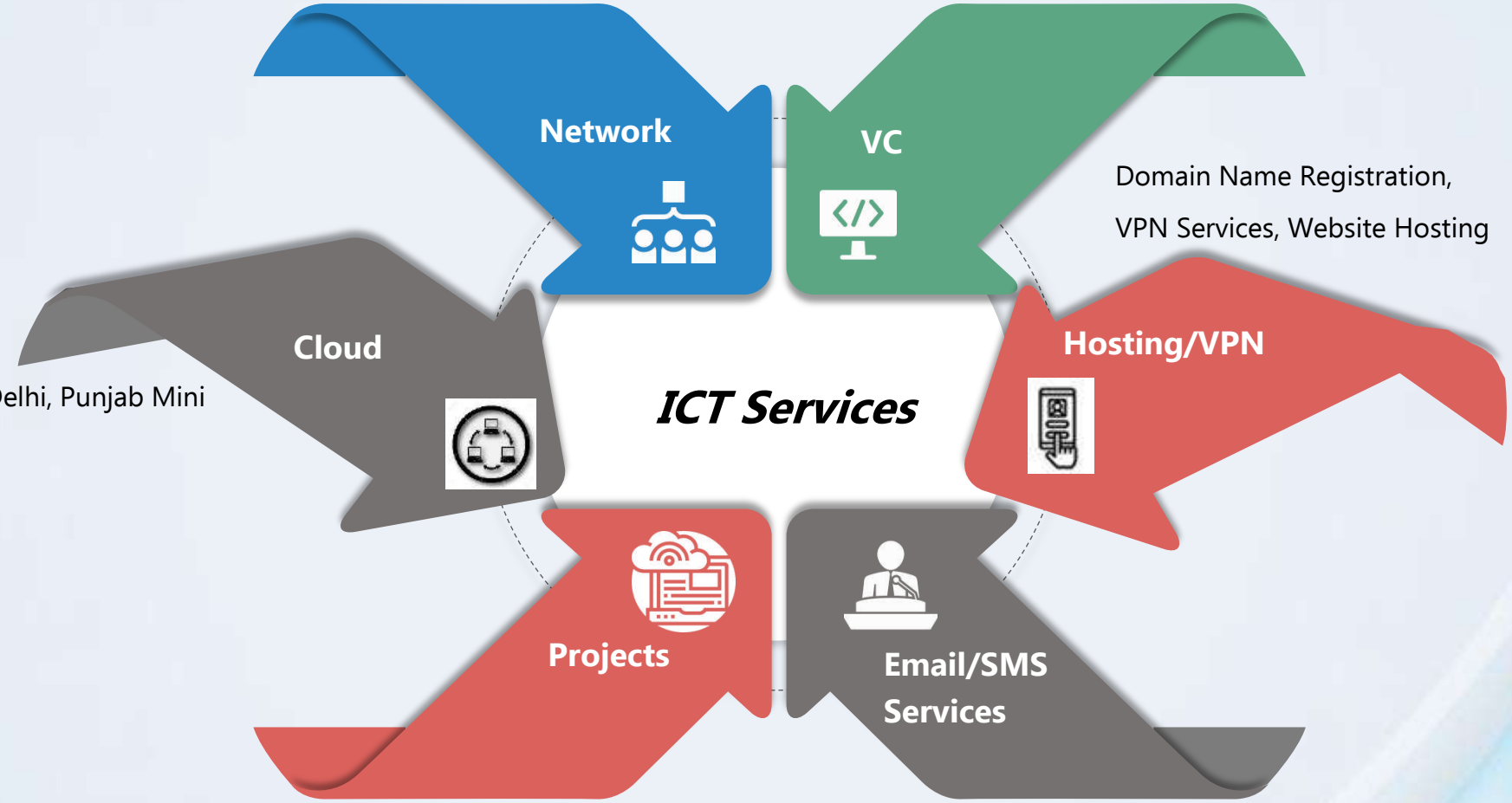
NIC Punjab Web Presence https://pbsc.nic.in

Organisation Structure

ICT Services

LAN/WAN/NKN

Punjab Civil Secretariat 1, Punjab Civil Secretariat 2, 23 District Offices



Domain Name Registration, VPN Services, Website Hosting

Meghraj Cloud at NIC Delhi, Punjab Mini Cloud at Chandigarh

Central Projects/State Projects

Total email created 1,40,000+

Network Servies of Punjab

Three core connectivity having bandwidth 10 Gbps (NIC UT), 10 Gbps (NIC Haryana) and 100 Mbps (NIC UT)

Punjab SWAN Network integrated with NKN/NICNET at the State level as well all the 23 Districts of Punjab state.

Punjab SWAN and Punjab State Data Centre (SDC) connected on 10Gbps and 1 Gbps from NKN-PoP

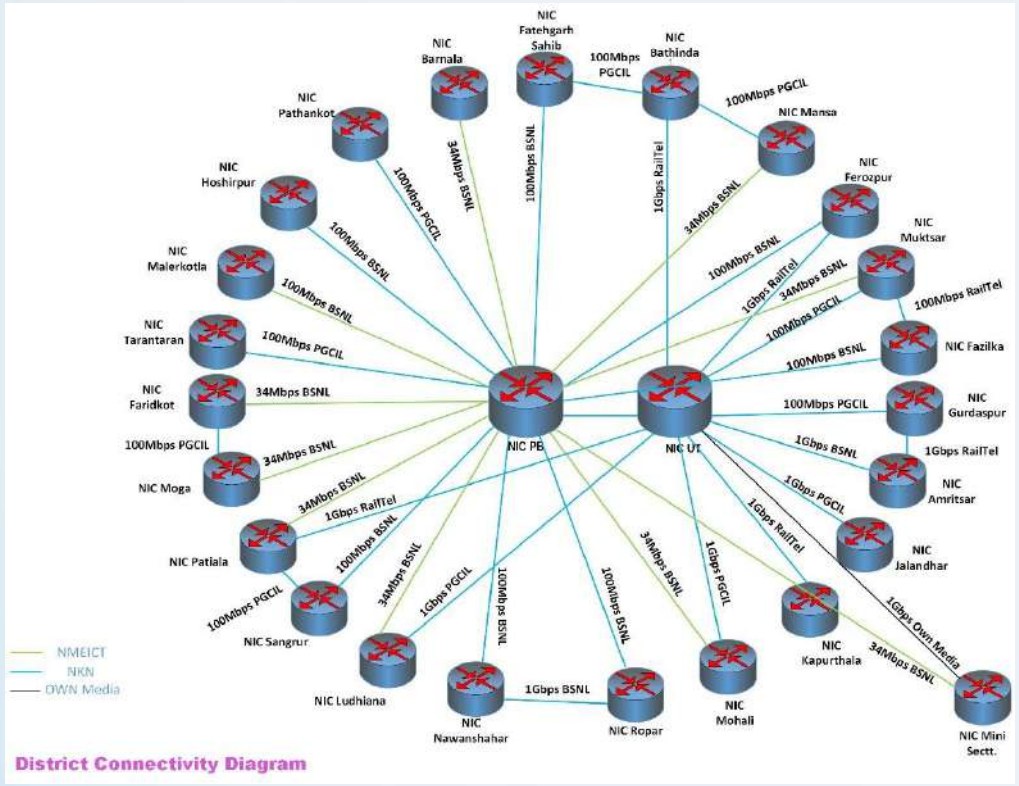
33 institutes under NKN/NMEICT (NIT, State / Central Universities & Research Institutes) connected to high bandwidth network with bandwidth of 1 Gbps and 100 Mbps.

Separate Inter-District links 1Gbps/100Mbps established to provide network redundancy at the District Headquarter level.

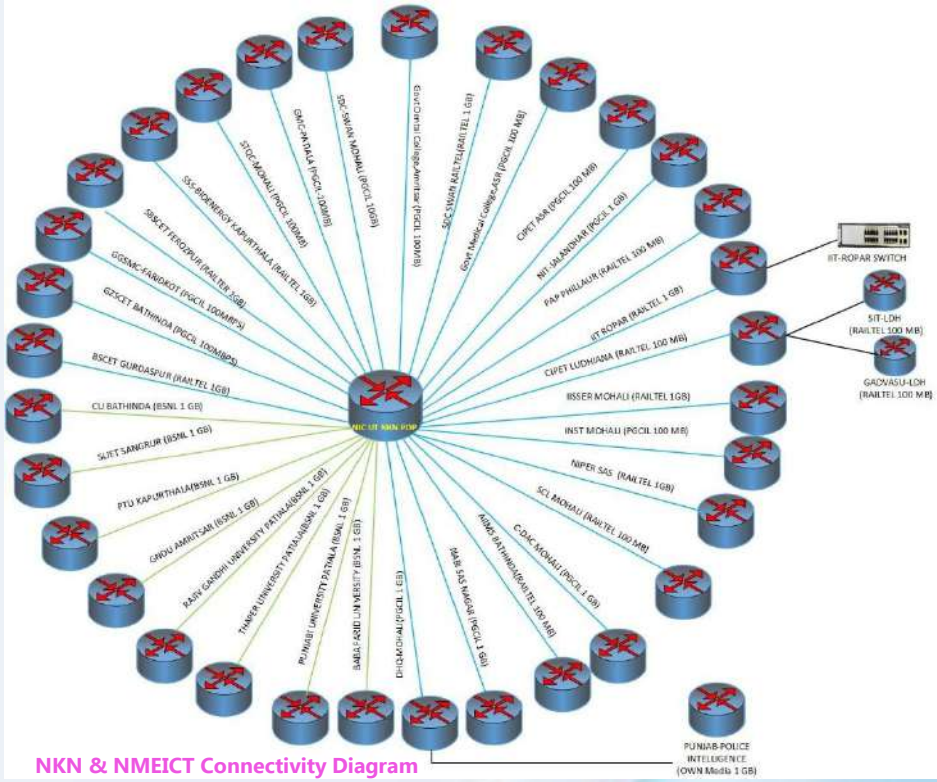
More than 5000 nodes at Punjab Civil Secretariat, Punjab Civil Secretariat II, Punjab Police HQ, Kendriya Sadan, Punjab Vidhan Sabha and Vite Yojna

38 links including 3 Core links, 28 vertical and 7 inter-district links, 82 horizontal links from SHQ and DHQ to various departments.

Establishing State-of-the-Art Network(including WiFi) in Punjab Vidhan Sabha which will be Live soon.



District Connectivity Diagram

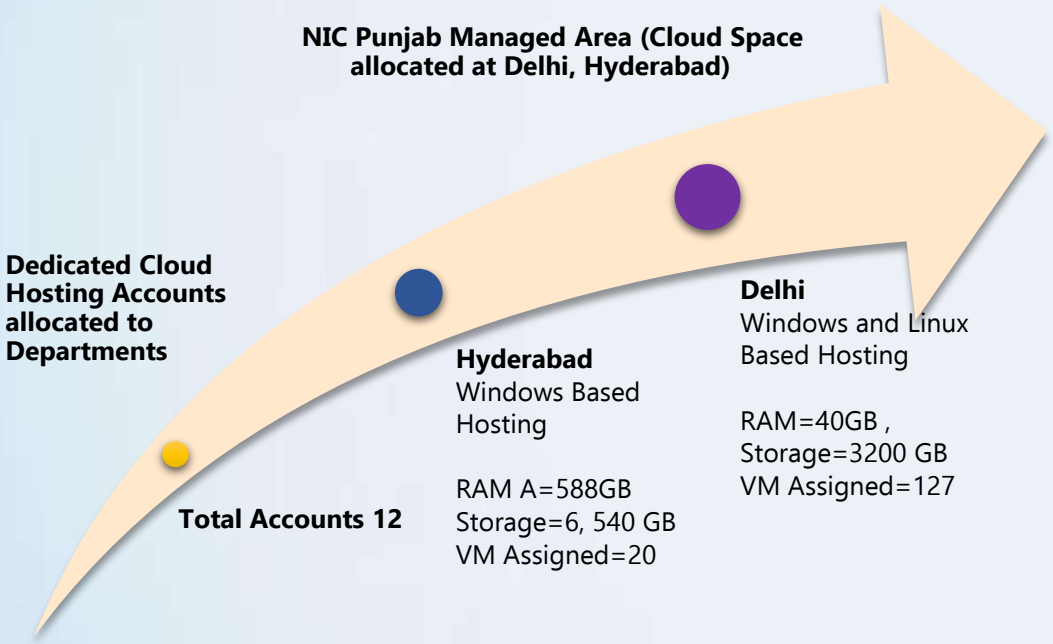


NKN & NMEICT Connectivity Diagram

Cloud Services

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.

NIC Punjab Mini Cloud Resources

- Cluster Nodes: 14
- vCPU: 1232
- RAM: 6 TB
- RAW Storage: 460 TB

NIC Punjab Mini Cloud Statistics

- VM Allocated - 158 (Development, Staging Environment, Security audit and Temporary Hosting)
- Users on-boarded- 39 Applications Hosted-42 Management VMs - 56 (Management of Mini Cloud Infrastructure) applications

Services	Infrastructure as a Service (IaaS)	Platform as a Service (PaaS)	Load Balance as Service	Vulnerability Assessment Service	Public IP Service	Anti-virus Service	Backup Service

Email & SMS Services

1.3 lakhs+ registered email addresses

50+ Departments Account registered

Multifactor Authentication using soft token method

QuickSMS Application 10k SMS mapped to individual email address

Multi Devices for Email Addresses

Anti-virus and Spam scrubbing Support

Backup/DR support, Secure Email, Geo-location feature

24/7 support by email, phone and online

Top Email Users

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

Top SMS Users

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

6 CR+ Monthly SMS Sent

PUSH, PULL, OTP & Priority SMS

API and WEB BASED SMS

MISS CALL & Short Code Integration

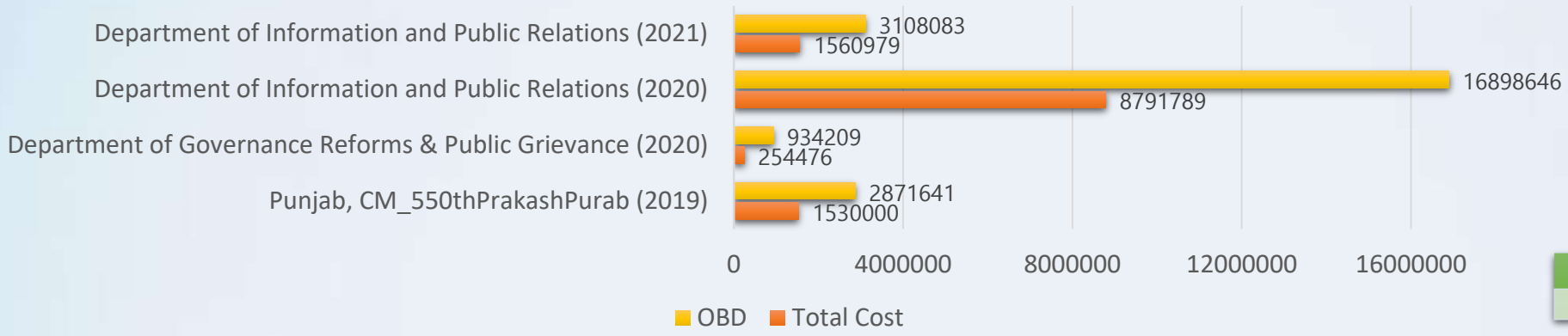
VOICE SERVICE through OBD

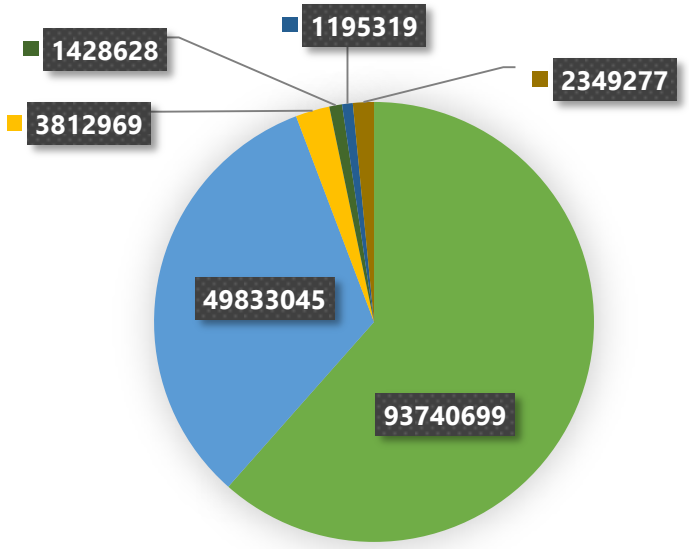
SMS Unicode, Realtime, Domestic, International, Block, Priority, SMS Gateway Application Security Audited

Server Level Access Control, Peer to Peer Access Control, IP Mapping Application, IP Access

Email & SMS Services

Out Bound Dialer (OBD)





SMS Traffic of Year 2021

Year-wise SMS Traffic

Awards

2016

Skoch

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

CSI Nihilent and Digital India Award

- ✓ Invest Punjab

2017

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

2018

Skoch

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

2019

Award for Excellence

- ✓ eOffice Implementation in Punjab

2021

Digital Technology Sabha Award

- ✓ Release Order System PAROS

2021

District Governance Through Mobile Challenge (DGMC)

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

2022

Digital India Silver Award

- ✓ Invest Punjab

Awards

Technology Sabha Award

- ✓ eAbkari Punjab

2023

CSI Award of Appreciation

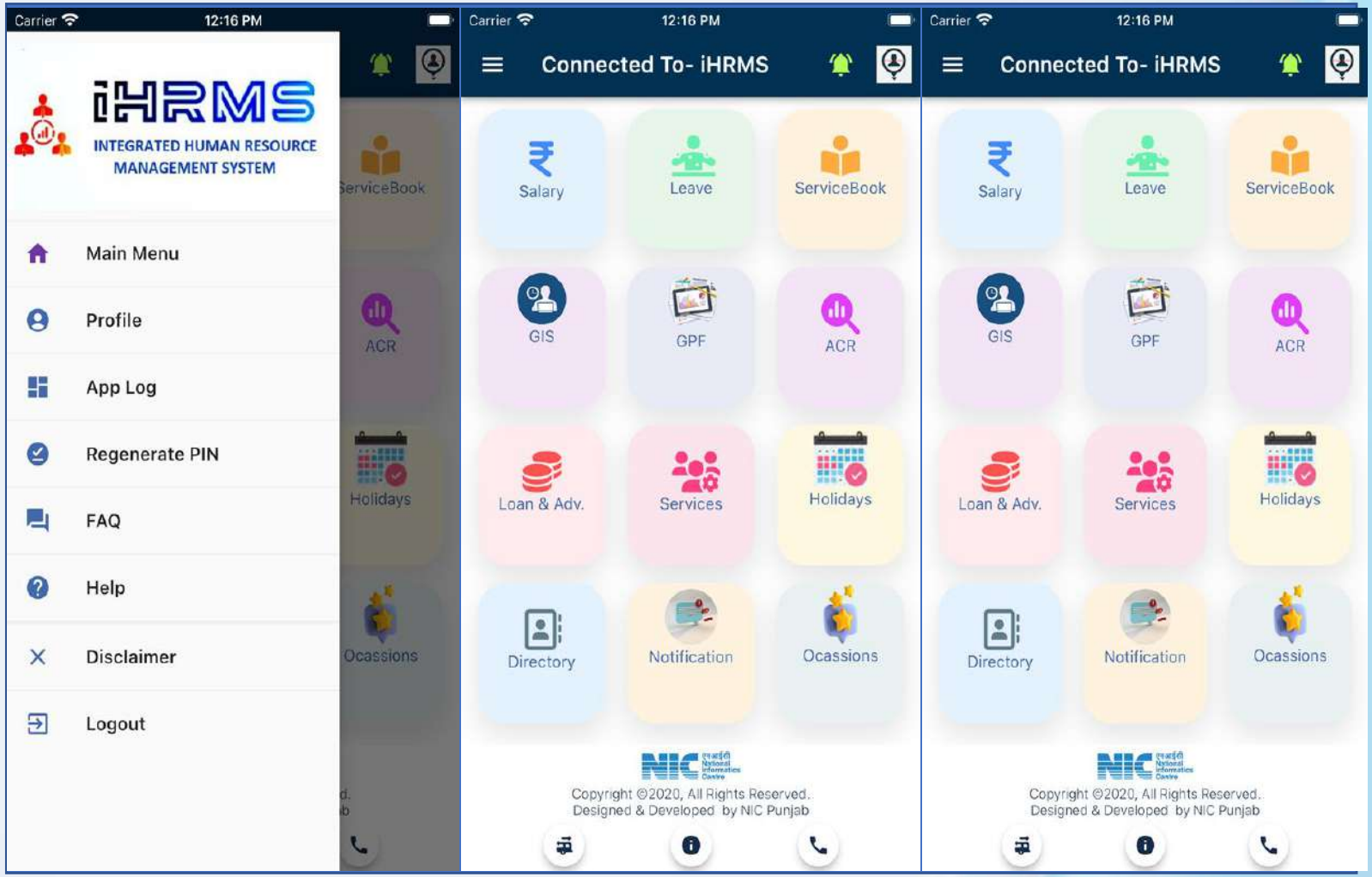
- ✓ Invest Punjab

2023

iHRMS

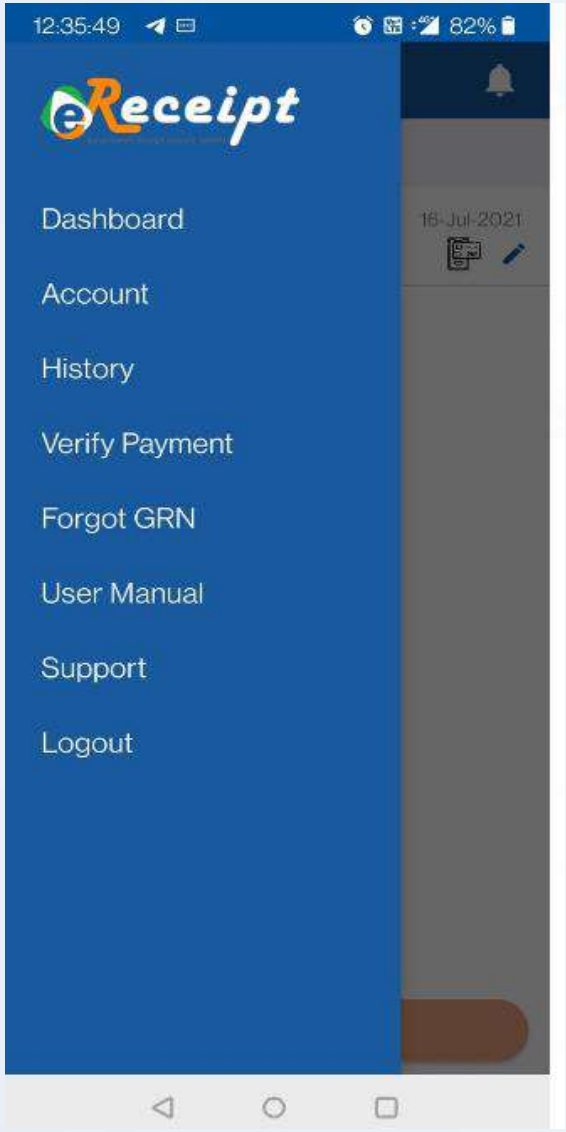
Integrated Human Resource Management System is an integrated application for managing HR activities of employees in Punjab. The system updates data of 3.60 Lakh employees regarding their Service, Salary, GPF, GIS, Arrears, Increment, Property Return, ACR, Leave management etc.. iHRMS App, developed by 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).

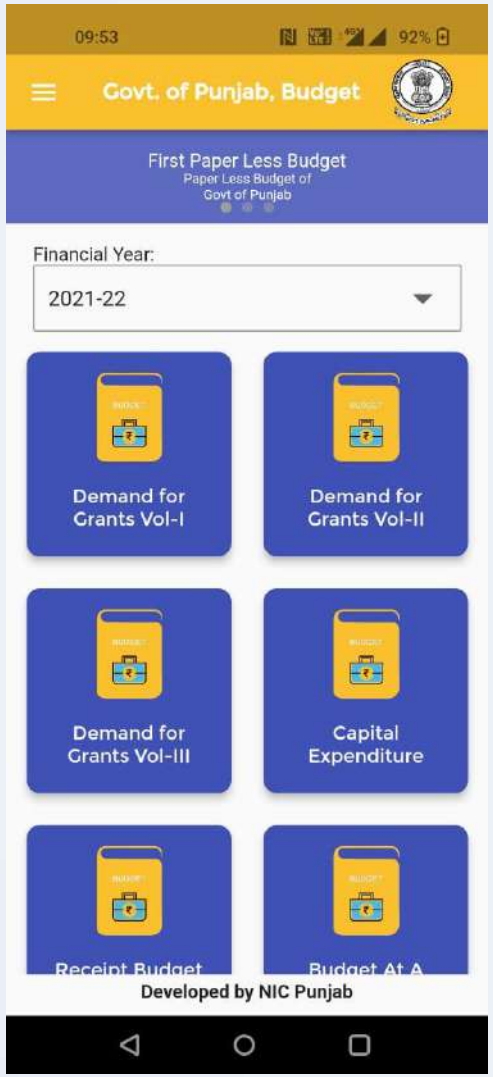


Ferozepur Canal Circle Regulation App

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

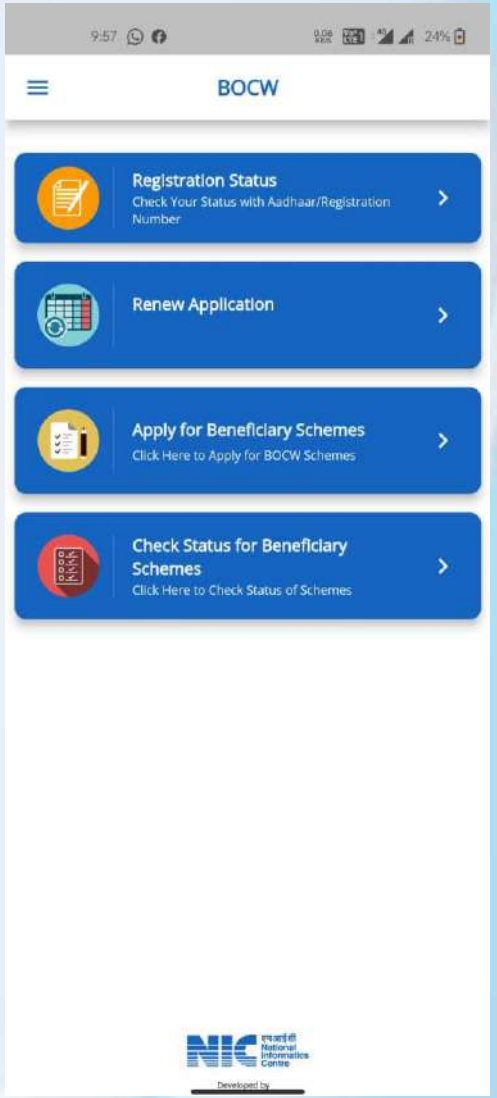
Govt. of Punjab has launched its first paperless Budget for FY 2022-23 through this Mobile App. It also facilitates taking Feedback from citizens of Punjab.



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.

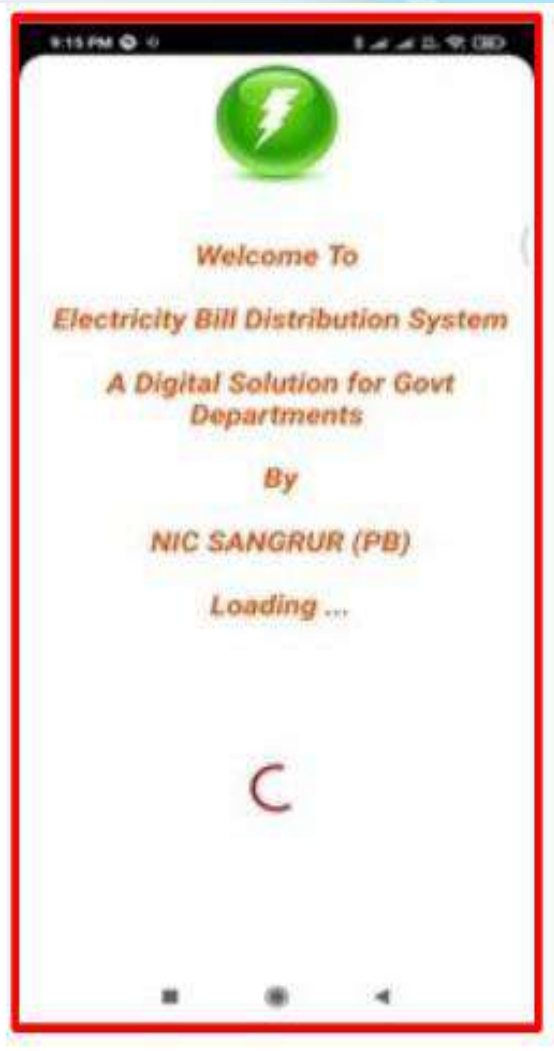


mNivaran

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.

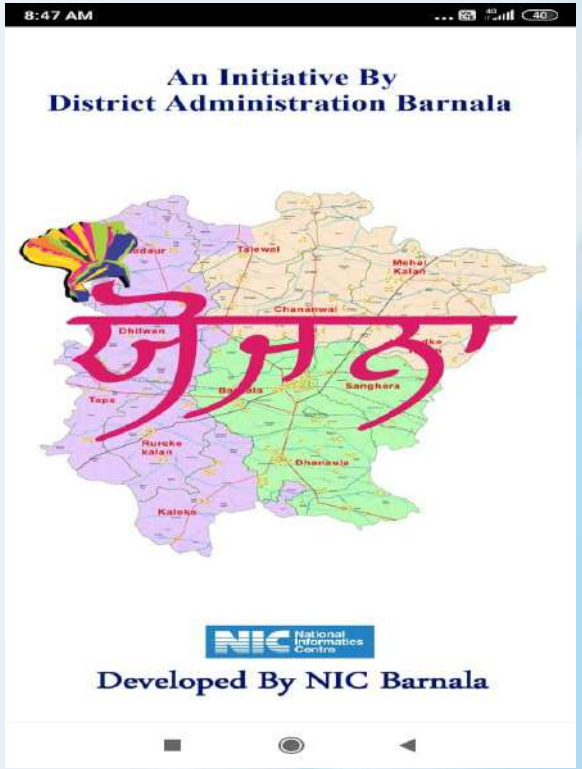


District Dashboard Fatehgarh Sahib

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.

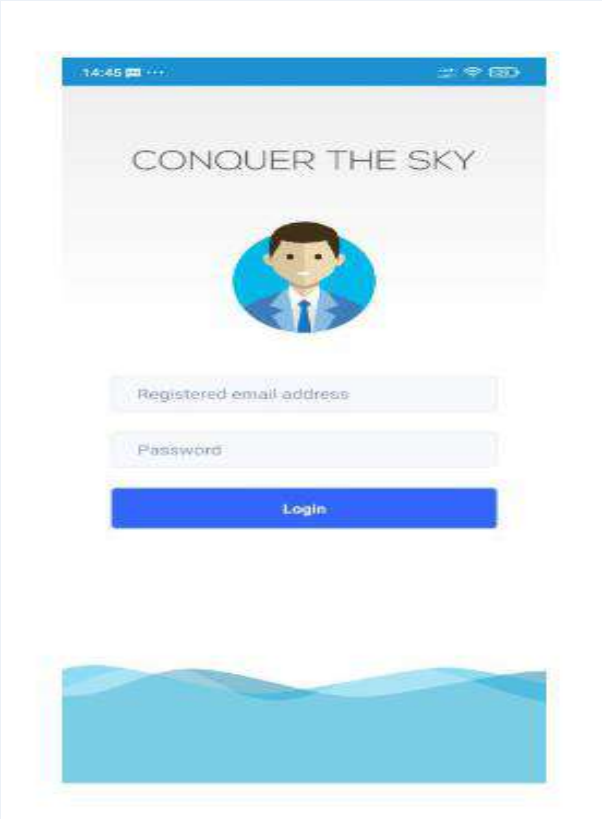
YOJNA App

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

Human Resource Management System

https://hrms.punjab.gov.in

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 Updations

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

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
- ✓ SAS Cadre Examination
- ✓ iOS iHRMS Mobile App
- ✓ eVoucher
- ✓ Old Pensioner Database

COVERAGE

- Admin. Depts. (47)
- Deptts. (147)
- Boards/Corp./PSUs (49)
- Banks (2)
- University (3)
- Offices (40000)
- Employees (3.67 Lakhs)
- Salary Bills (18000)
- Bill Amt. (2300-2440) Cry. PM

STAKEHOLDERS

- State Administrator
- Department Administrators (222)
- Office Admin (40620)
- DDOs (8000)
- Account Maintenance Agency (500)
- Special Users (47)
- Employees (3.60 L)
- DCs (23)
- Accountant General(AG)

Integrated Financial Management System

https://ifms.punjab.gov.in

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.

- **eBudget**
- **eTreasury**
- **eReceipt**
- **Audit Management System (AMS)**
- **Vehicle Management System (VMS)**
- **Govt. Property Management System (GPMS)**
- **Management Information System (MIS)**

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 Treasures & 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

Future Roadmap

- Implementation of e-Vouchers at Treasuries.
- New Debt Management System in integration with eReceipt
- Integration with eKuber for eReceipts

Implementation of eOffice in Punjab

https://eofficeportal.punjab.gov.in

eOffice
A DIGITAL WORKPLACE SOLUTION

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	**12,51,000+** eFiles
53 Lakh + eReceipts	**86,000 +** 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

DC Offices
https://eoffice.punjab.gov.in
Users: 16000+
Receipts:20 Lakh+
eFiles: 4.3 Lakh+

Health
https://eofficepbhealth.punjab.gov.in
Users:280+
Receipts:5.5 Thousand+
eFiles: 5.3 Thousand+

Police
https://eofficepbpolice.punjab.gov.in
Users : 8900+
Receipts:4.1 Lakh+
eFiles: 74 Thousand+

Departments
https://eofficepbstate.punjab.gov.in
Users: 40 Thousand+
Receipts: 22 lakh+
eFiles: 4.7 Lakh+

Boards & Corp.
https://eofficepmb.punjab.gov.in
Users: 15 Thousand+
Receipts:: 4.8 lakhs+
eFiles: 1.5 lakh +

Universities (All)
https://eofficepau.punjab.gov.in
Users: 58 Hundred+
Receipts:1.1 Lakh+
eFiles: 99 Thousand+

Milkfed
https://verkaeoffice.punjab.gov.in
Users : 600+
Receipts:15 Thousand+
eFiles: 26 Hundred+

eOffice Journey

2014

- ✓ Project Initiated in District Mansa
  URL: eoffice.punjab.gov.in
- ✓ Training Instance Deployed
  RL: eofficetrg.punjab.gov.in
- ✓ Funds Received: Rs. 2.41 Cr.

2015-2017

- ✓ 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**

2017-2019

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)

Additional 5 instances deployed at State Data Centre, Punjab as listed
eofficepbstate.punjab.gov.in
eofficepmb.punjab.gov.in
eofficepau.punjab.gov.in-
eofficepbpolice.punjab.gov.in
eofficepbhealth.punjab.gov.in
- LDAP Created
- One stop solution portal launched
  https://eofficeportal.punjab.gov.in

2020

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

2021

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

PPSC-ISR (Integrated Solution for Recruitment for PPSC)

https://ppsc.gov.in

Parameterized and configurable application

C M S

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
311

Registered Candidates
7,22,339

Payment Transactions
5,50,981

Admit Card Issued
4,34,981

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.

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

Salient Features

- 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

Future Roadmap: Design and Development of Online modules

- Certificate for incentive of stamp duty exemption / Re-Imbursement
- Certificate from STPI Mohali
- Development of CTO Applications for varied consent and Output Forms
- Development of StartUp Multi-lingual website
- Development of 5G Infrastructure Process Flow

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

District Information System for Election (DISE)

DISE is randomization software for Election Department for formation of various parties / teams, EVM machines etc. as per ECI guidelines. 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 and Manipur.

Features

- ✓ Formation of polling parties, counting parties
- ✓ EVM (Electronic Voting Machine) randomization for Lok Sabha / Assembly Elections
- ✓ Election orders for individual polling parties, micro observer parties and EVM orders
- ✓ Constituency wise distribution of employee
- ✓ Department wise, sub department wise orders, attendance sheets
- ✓ Election Duty Certificate
- ✓ Issue of ID Card
- ✓ Various types of checklist reports for various constituencies and marking of absentees, cancellation and absentees, cancellation reports.

Features

- ✓ Transparent random deployment of polling personnel, Micro-Observers, Counting parties on election duty
- ✓ Transparent random deployment of Electronic Voting Machine (EVM) at polling stations
- ✓ Elimination of manipulation in deployment of personnel on election duty
- ✓ Improved efficiencies and saved times of district administration for the deployment of manpower and EVMs.
- ✓ DEO, political parties and employees trusting the DISE for the deployment of manpower on election duty and allotment of EMV to polling stations

Punjab Poll Day Monitoring System

https://ppdms.punjab.gov.in

A Web-based & Mobile based solution for monitoring of all important events on poll day. It enabled us to capture important **poll day events** through Sector Officers/Supervisors and/or ROs and to generate the dashboard for ROs, DEOs, and CEO.

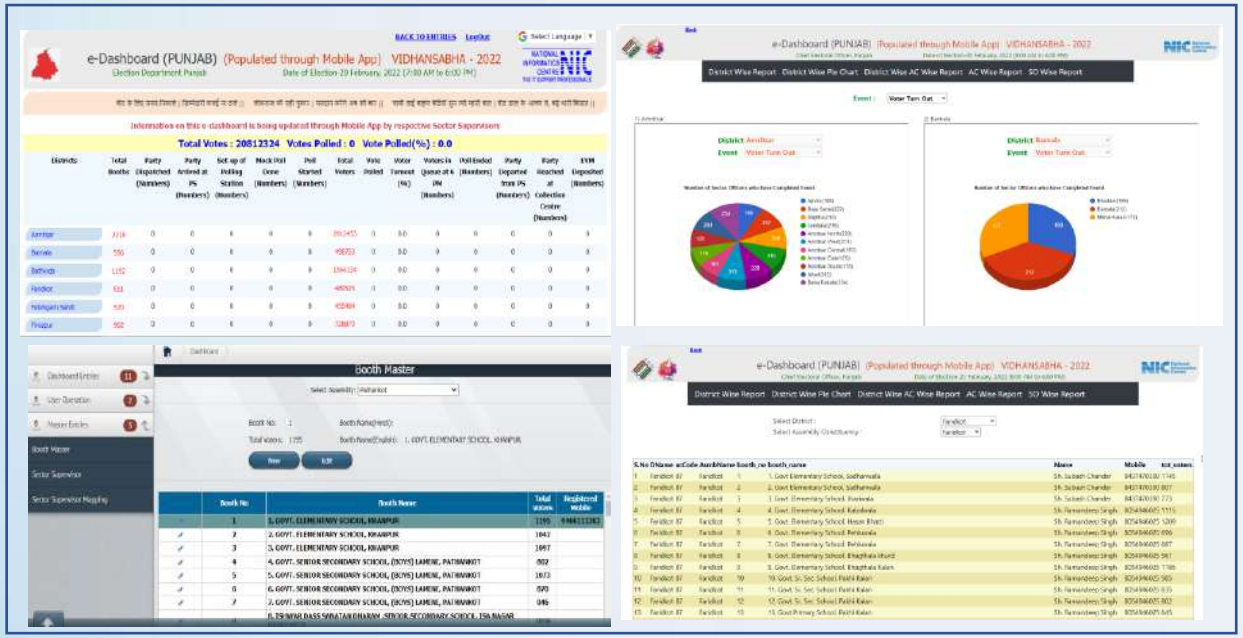
There are 117 Assembly Constituencies in Punjab and 2084 Sector Officers/Supervisors were deputed at 24737 Polling Booths for carrying out various Election duties. Each Sector Officer/Supervisor was allotted multiple booths.

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.

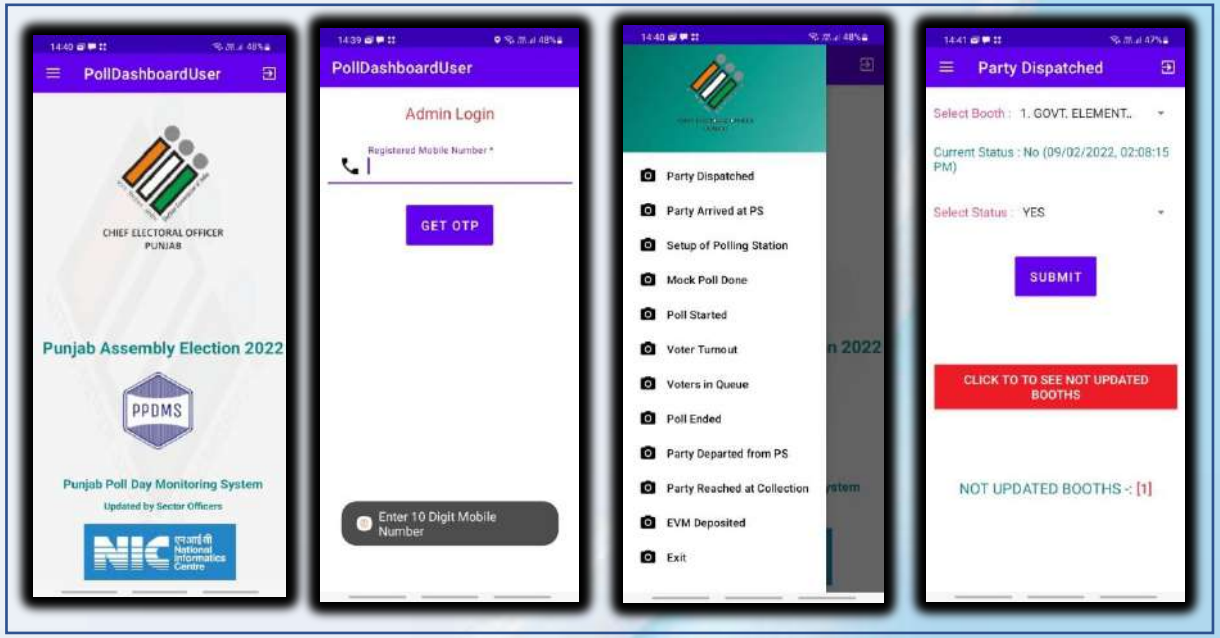
Components

- Web based application for Poll Day Monitoring https://ppdms.punjab.gov.in
- Android based mobile app for Sector Officer/Supervisor (Android based **apk file)**
- Dashboard for ROs, DEOs and CEO

Web portal Screens



Mobile App Screens



Mukh Mantri Punjab Cancer Rahat Kosh (MMPCRK)

mmpcrk.gov.in

Flow of Application

- Patient Registration
- Civil Surgeon
- Deputy Commissioner
- Director Health Service
- Pre-facto sanction
- Post-facto Sanction after CM approval
- Utilization Certificate By Hospital
- Civil Surgeon
- Forwarded to Pharmacist
- Medicine/Test Verified By Pharmacist
- Utilization Approved By Director Health Service
- Utilization Amount Transfer to Hospital

Features

- Online work flow
- Transparency and Accountability
- Online approvals
- Updating the treatment details of patient.
- Various MIS Reports

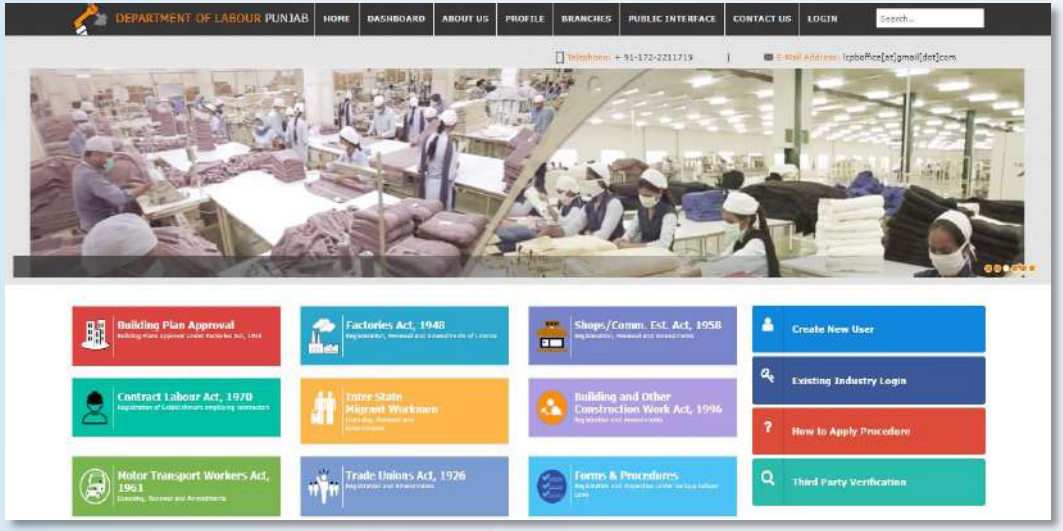
19308

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

❿ 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.

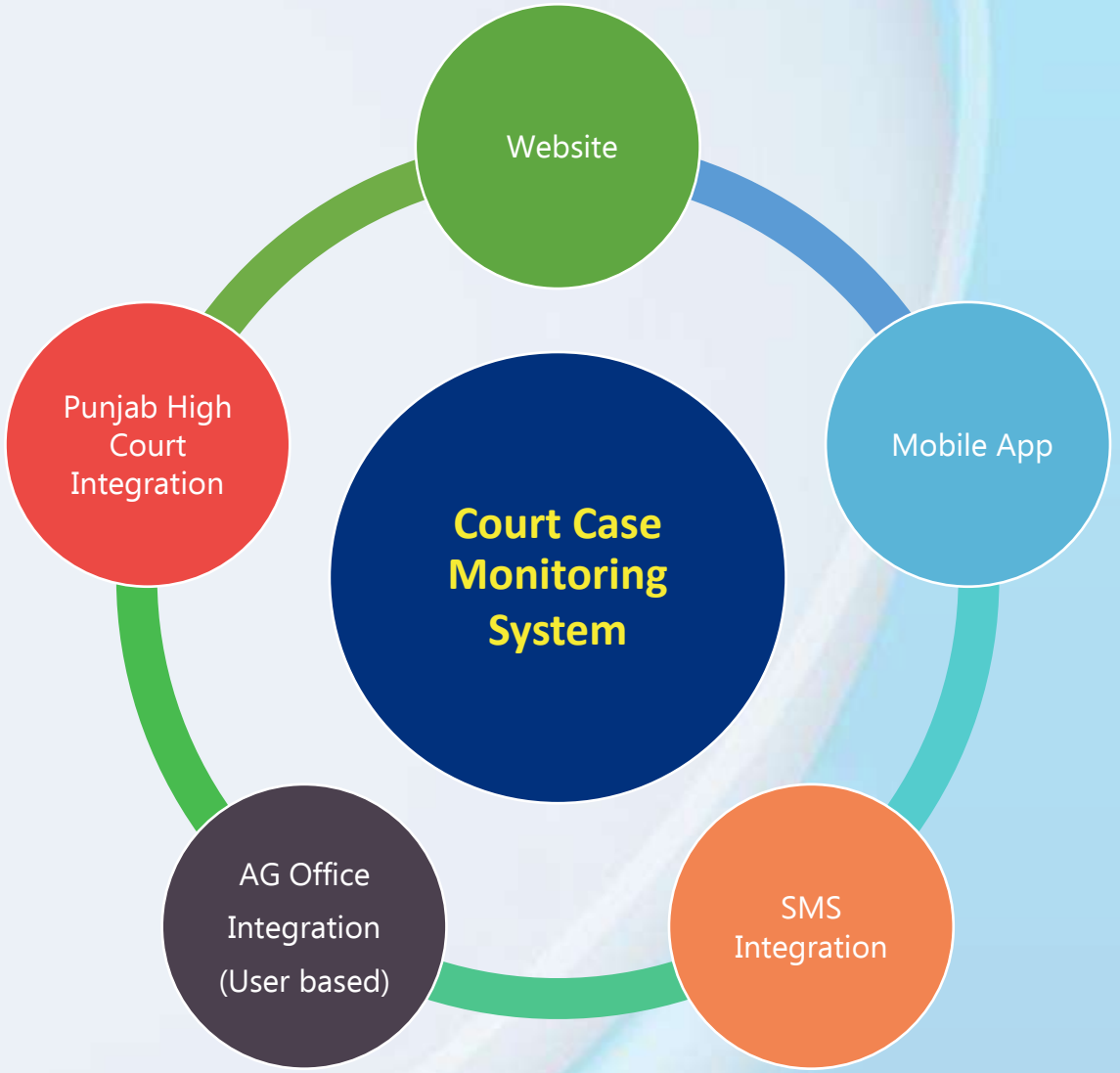
Court Cases Monitoring System Punjab (CCMSPb)

ccmspb.punjab.gov.in

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

- License Management
- Issuance of Permit and realisation of revenue
- Track & Trace and Enforcement Management
- Import/Export and Transport management
- Inventory Management
- Hologram based Authentication of Packaged Liquor

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

KEY SERVICES

- Automated Supply chain Management
- 360 degree profile of license, Permit and Pass
- Reduction in delivery time by 90%
- Reconciliation of every drop of Spirit
- Enforcement Management
- Pendency Check at all levels

Provides 62+ online services

90.8 Lakh + Transactions

7729 Excise License

26867 Registered Users

8.5 Lakh+ Permits/Pass/EVC Issued

44.27 Lakh + Portal Hits

e-Transport (VAHAN & SARTHI)

parivahan.gov.in/parivahan

National/Local/AITP Permit Authorization
Seamless online way for vehicle permits

iRAD (Traffic Enforcement Solution)
Integrated Traffic Enforcement Solution

Online Checkpost
Online solution for Tax collection of Vehicles crossing state borders

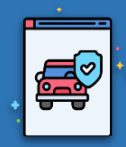
Fitness
Book appointment for Fitness test, make payments and lot more

Pollution under Control Certificate (PUCC)
endeavor to Limit vehicular emissions

Fancy Number Registration
eBidding for online booking of premium Registration numbers

Trade Certificate
Online application to fill commercial vehicle data with ePayments

VLTD
Vehicle Location Tracking Device & Emergency Button



RC Related

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

License Related

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

Vahan

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

Sarathi

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

E-challan/Fancy Number

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

Trade Certificates / Permit /PUCC

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

सत्यमेव जयते

e-Counselling Services

SIMPLIFYING THE ADMISSION PROCESS

- **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**

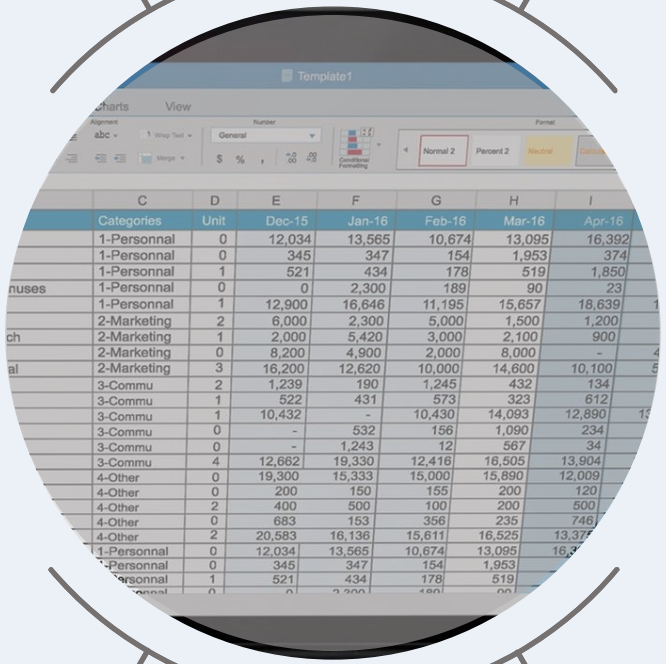
Punjab Advertisement Release Order System (PAROS)

dipr.punjab.gov.in

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

Future Enhancements

- Mobile interface
- Release orders for digital media

Summary

- Approx. 15000 + released orders placed till date
- Approx. 269 indicative advertisements released

Electronic Deposits Management System(eDMS)

edms.punjab.gov.in

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

Revenue Court Cases Management System – Punjab

rcms.punjab.gov.in

01 Dashboard includes Court Cases, Applications for Demarcation and Non-encumbrance Certificate

02 Facilitates entry of cases, generation of Cause-List, Summons etc..

03 Land Demarcation System

04 Non-encumbrance Certificate Issuance

05 Case/Application status

- ✓ 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

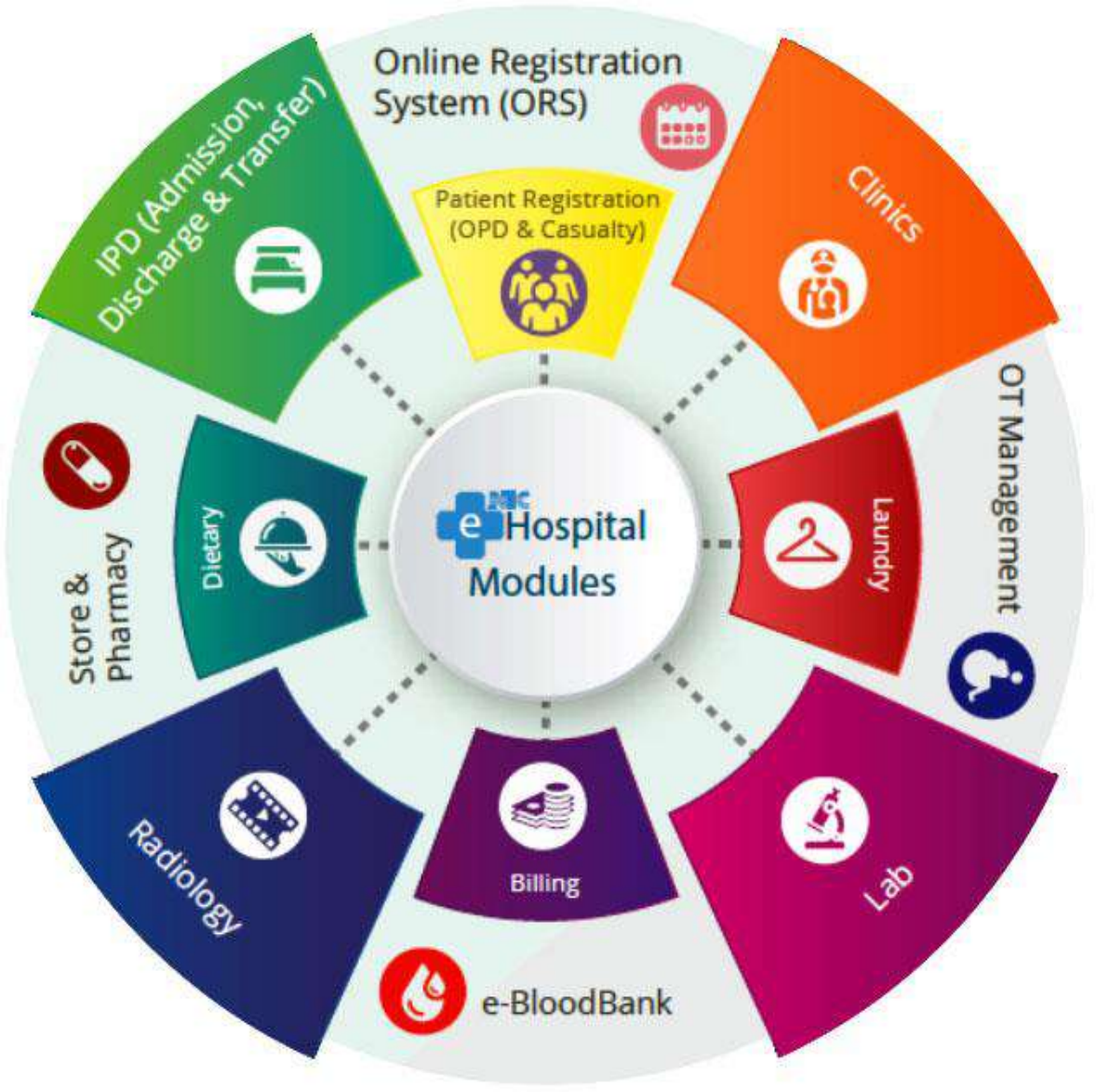
Non-encumbrance Certificates - 212084

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	ORS
4	5

Dashboard for Analytical Review of Projects across the Nation

Hon'ble Chief Minister, Punjab launched DARPAN on 27th November, 2017

Single Sign On through LDAP

46 email IDs created for Administrative Secretaries to monitor progress

Highly Configurable from State as well as District Level

KPIs of 9 Central Govt. Schemes and 44 State Government Projects integrated online

Consolidates multiple data sources into one centralized, easy-to-access platform

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

Prison Management System(ePrison)

eprisons.nic.in

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

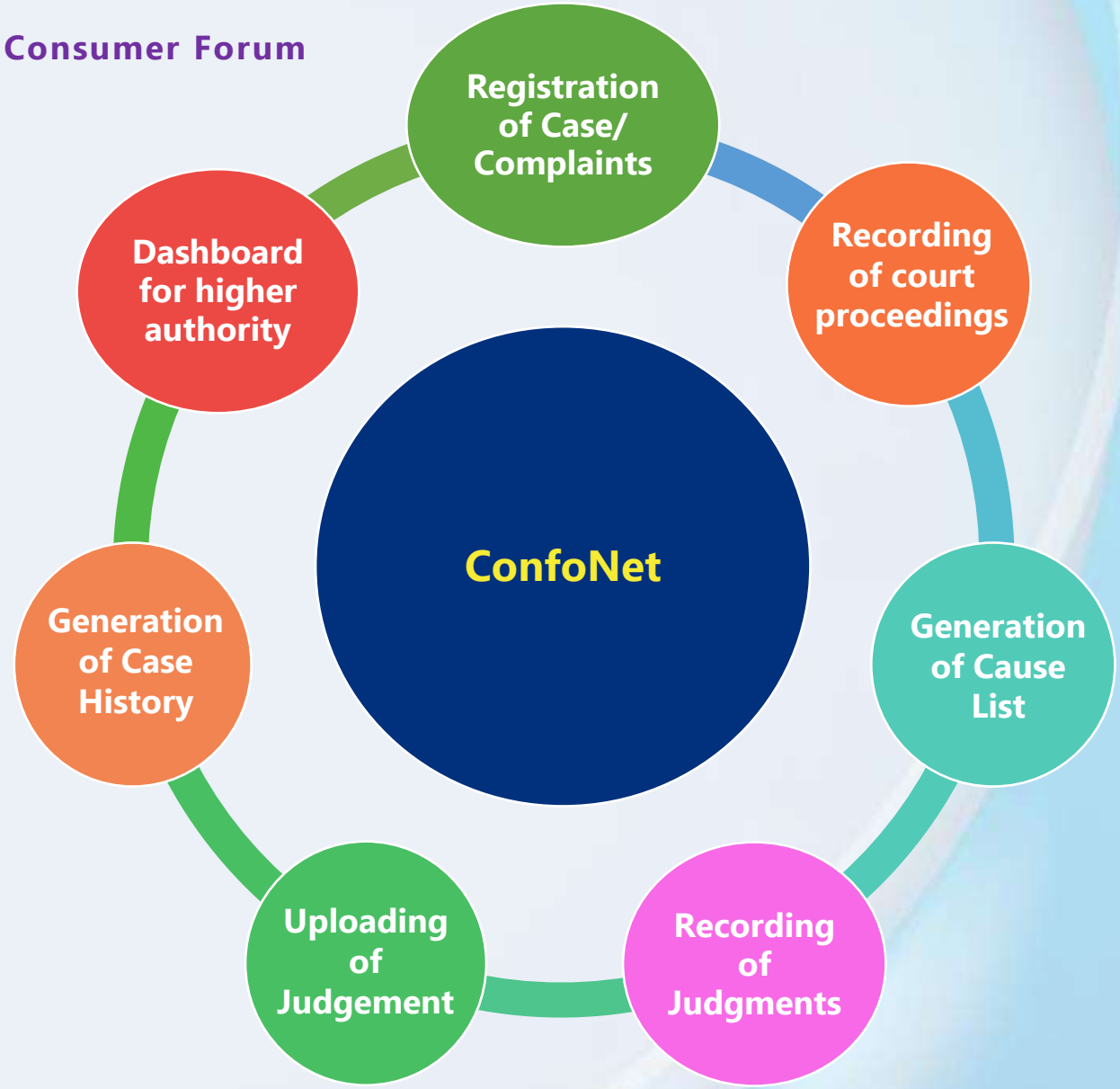
NHRC and other National/ State Commission

Computerization and Computer Networking of Consumer Forum

01 Dashboards

02 SMS Integration

03 MIS Reports



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

Total Tenders – 188775
Value of Tenders – ₹ 126919 Crore

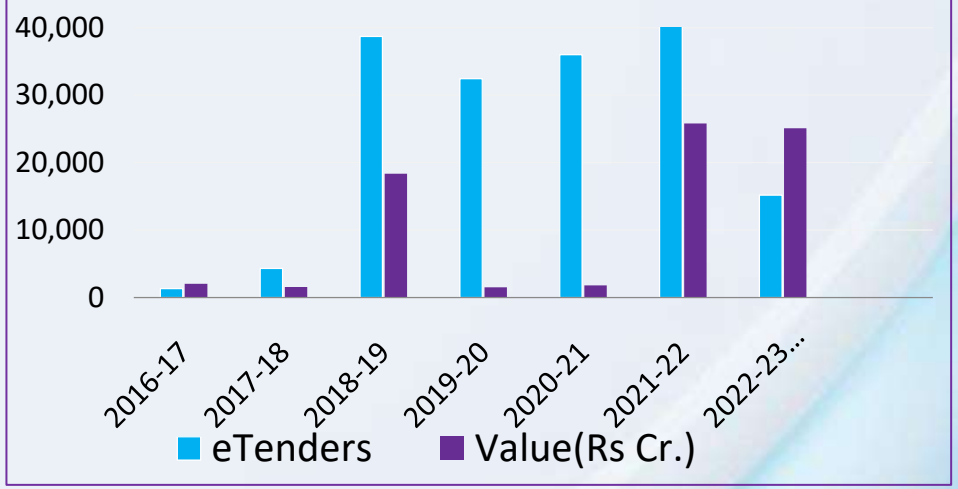
Salient Features of GePNIC

- 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



Mera Ghar Mere Naam(Department of Revenue)

abadirecords.punjab.gov.in

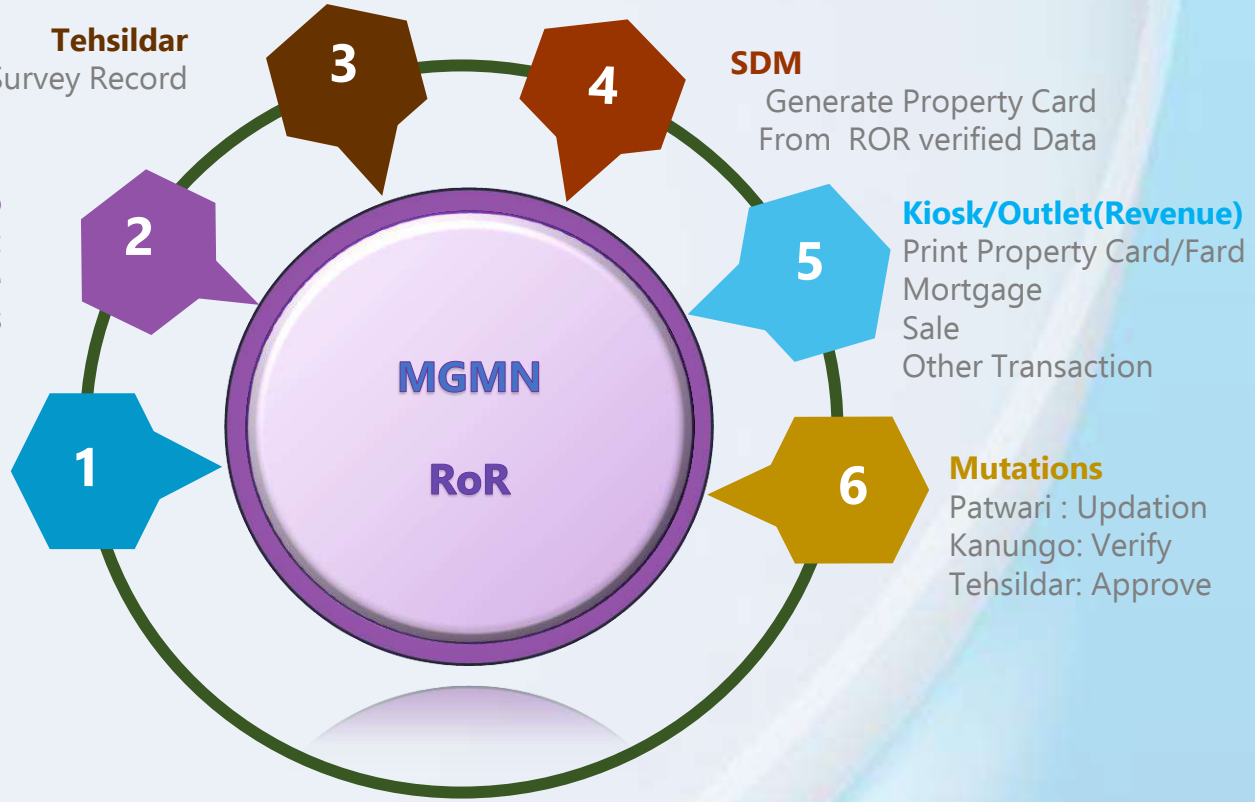
MGMN is an ambitious scheme of Government of Punjab to accord property rights to lawful owners/occupants with in Lal dora. Using the Web Portal, the owner may search the property and download the property card as well. The software will be developed in phases, initially for creating record of rights, integrating with survey unit maps. Later a provision will be made for property mortgage, sale deeds and updating mutations. Integration with GIS Portal and Digi Locker has been envisaged in later stages.

Salient features and Functionalities:

- 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
- Creation of Record of Rights
- Generating Property Cards by SDMs
- Citizen Interface for downloading Property Cards using OTP
- OTP-bases Authentication for updating, verifying and generating records

Technologies Used:

- ASP. Net (Framework 4.8)
- Bootstrap, JQuery Ajax, Java Script, CSS
- PostgreSQL



Project Approval Date: 08-11-2021

PWRDA Web Application

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

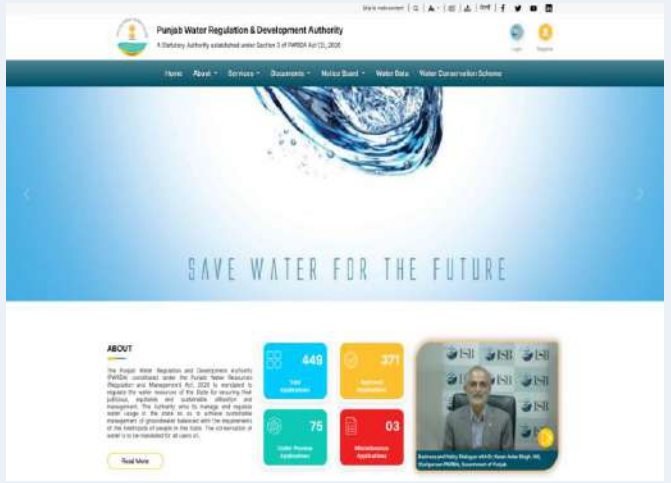
Android and iOS Mobile APP

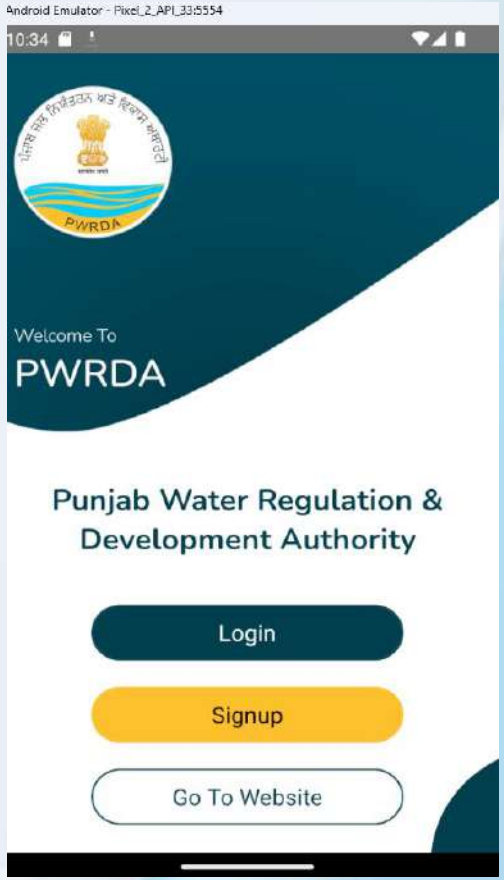
Complete customization of Work Flow

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

Dashboard for work Flow Players

MIS Reports



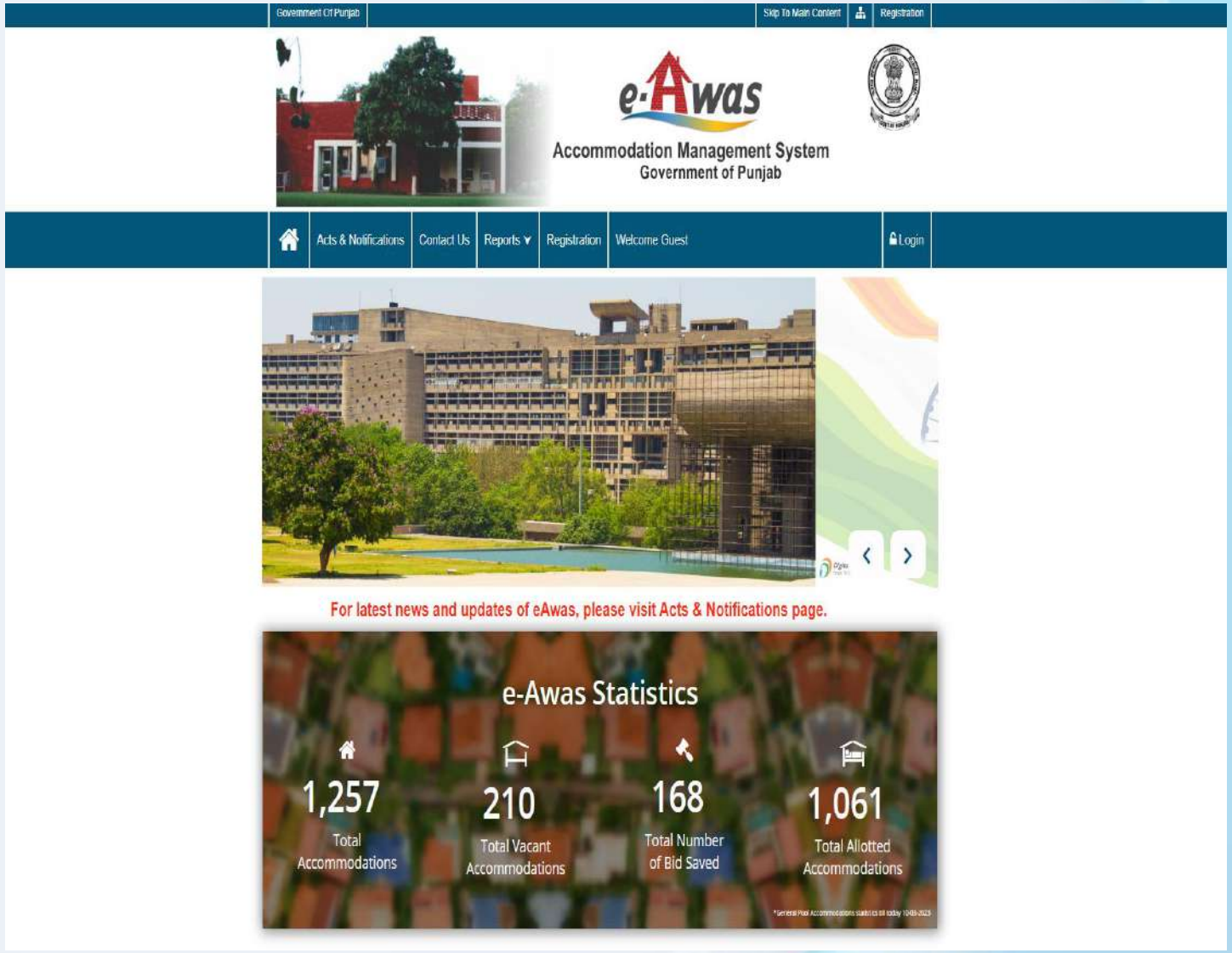


eAwas – Accommodation Allotment & Management System

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



Dr. Ambedkar Scholarship Portal by Punjab Government

scholarships.punjab.gov.in

Integrated e-Governance Scholarship Portal for the automation, streamlining & effective management of processes related to application receipt, processing, sanction and disbursal 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)

5,690	Registered Institutions
3.8+ Lakh	Enrolled Applications
2.10+ Crore	Sanctioned Applications
5826	Department Users

SWaaS
Secure, Scalable & Sugamya Website as a Service

Punjab Coverage

Smart process Re-engineering

Certification Scheme

Sustainable Ecosystem

23 Districts

punjab.s3waas.gov.in

NIC Punjab State Centre Website

Bilingual

Common Access point to access all district websites

GOVERNMENT OF PUNJAB
DISTRICT PORTAL OF PUNJAB

Accessible Themes

Workflow and Analytics based CMS

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: Open Source framework WAGTAIL based on Django(Contents can be created and structured spontaneously)

Sites which are developed/under auditmode

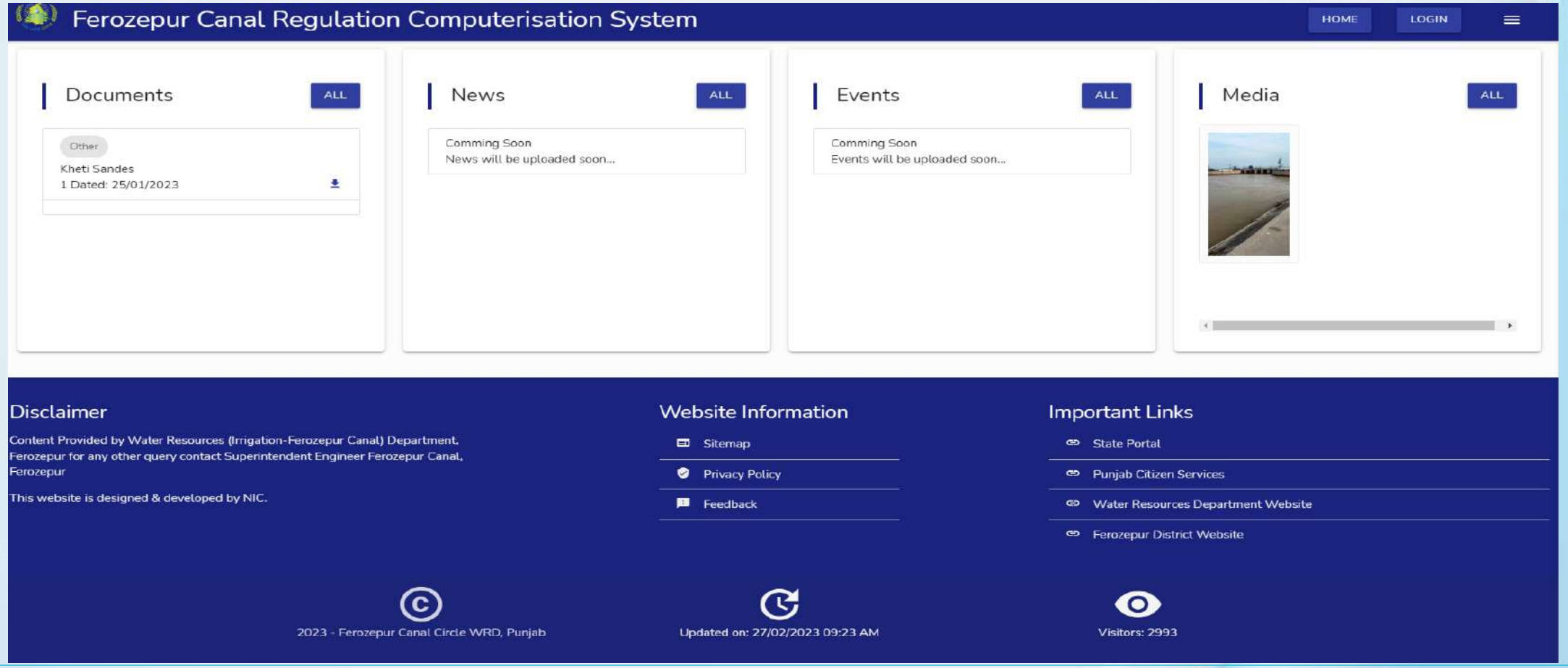
- ✓ Punjab Prisons https://prisons.punjab.gov.in/)
- ✓ AIMS Mohali (https://aimsmohali.punjab.gov.in)
- ✓ Punjab Forest (https://forest.punjab.gov.in/en/)
- ✓ Defense Service Welfare (https://dsw.punjab.gov.in/en/)
- ✓ General Administration Coordination (GAD)
- ✓ Punjab Police
- ✓ NRI Affairs Punjab
- ✓ State Election Commission
- ✓ Directorate of Information and Public Relation(DIPR)

Few Sites are under development and project proposal has been submitted to Depart ment of Governance Reforms Punjab

Ferozepur Canal Circle Regulation System

fccregulation.punjab.gov.in

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.



Cooperative Core Banking System(CCBS)

pbccbs.nic.in

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 disbursal 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
- ✓ Statuary 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

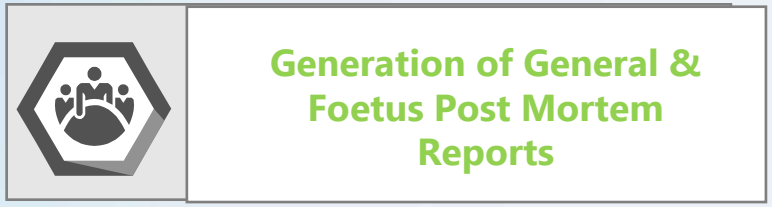
- ✓ Integration of PACS with SCB and DCCBs
- ✓ Centralized Monitoring & Reports
- ✓ Browser based, no need of local installation
- ✓ Lesser operational cost (server, DC/DR)
- ✓ Standardization Book keeping (CAS)
- ✓ Fast reporting system (MIS - CAS)
- ✓ Minimal investment & operational training
- ✓ Tracking 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.

Medico Legal Report and Postmortem Report(MedLEaPR)

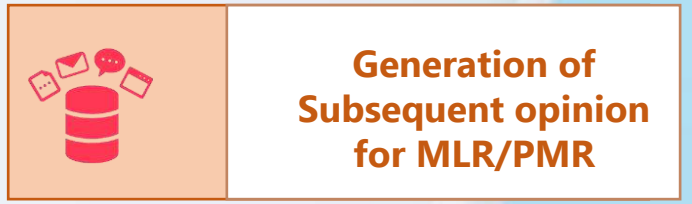
medleapr.punjab.gov.in



Generation of General & Foetus Post Mortem Reports

Generation of Medico Legal Reports

Provision for Marking Injuries Graphically

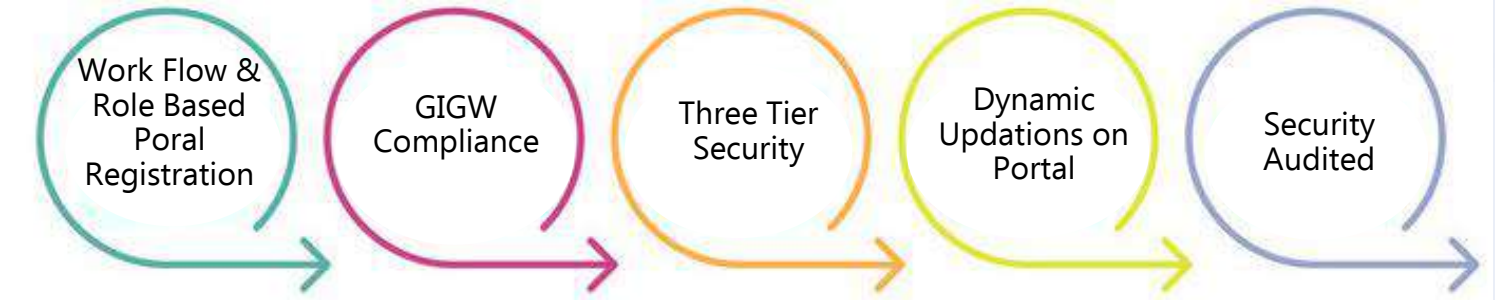


Generation of Subsequent opinion for MLR/PMR

SMS/e-Mail integration

Integration with Forensic labs in Punjab

MedLEaPR 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

Targeted Public Distribution System (TPDS)

annavitran.nic.in

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

Procurement of Food grains by State Agencies, through Mandis → Storage of Stock in DCP Godowns → Transfer of Stock to Fair Price Shops → Distribution of Stock to end beneficiaries using ePOS devices

Door To Door Delivery Of Flour (Proposed)

Transactions - (October-2022 To March -2023)

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

Ration Card Management System (eRCMS)	Food & Essential Commodities Assurance & Security Target	Point of Sale (ePOS)
Authorized Functionaries of Softwares		
eRCMS	**FEAST**	**ePOS**
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+

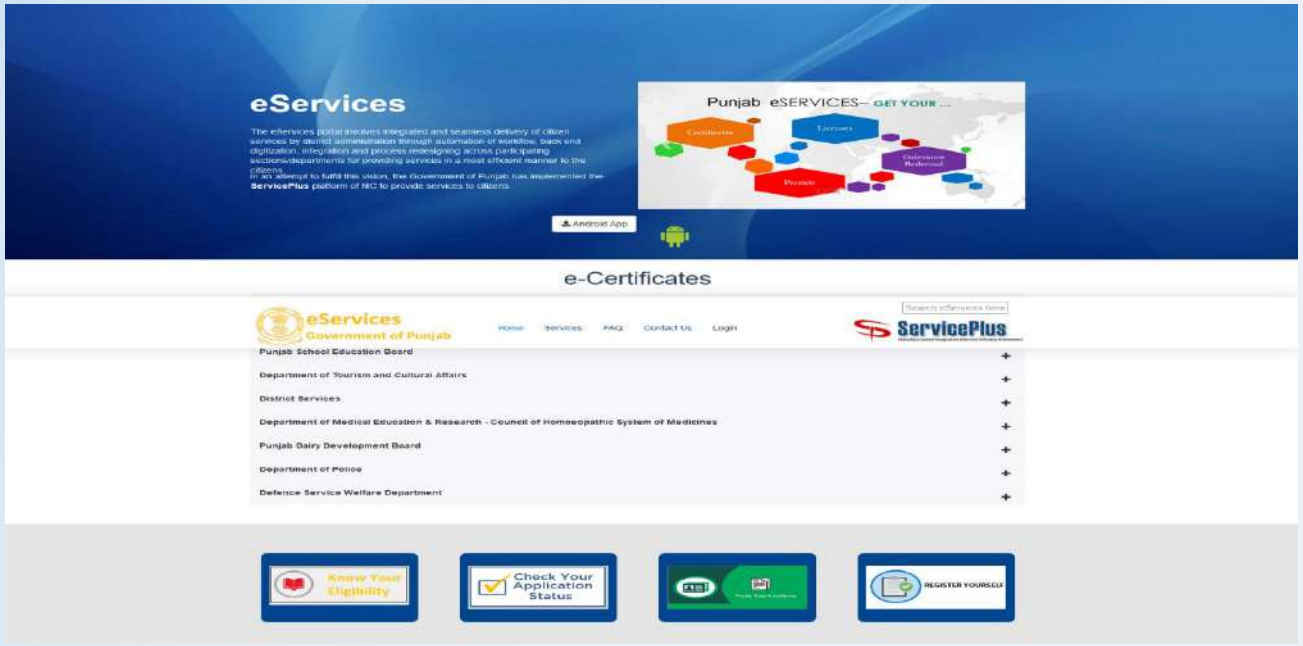
DLCs successfully processed

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
Jallandhar 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
सत्यमेव जयते
National e-Vidhan Application
NeVA
TODAY
BUSINESS
QUESTIONS
LEGISLATION
COMMITTEE
MEMBERS
DIGITAL LIBRARY
CONTACTS
1
Notices Received
170
Questions
2
Government Bills
114
Paper-Laid
0
Committee Reports
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
INC - 4
AAP - 3
Party Wise
Women Member
Strength
AAP-19
SAD-14
INC - 80
BJP-2
LIP-2
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: 39

Total List of Services -> Adobe Acrobat Document

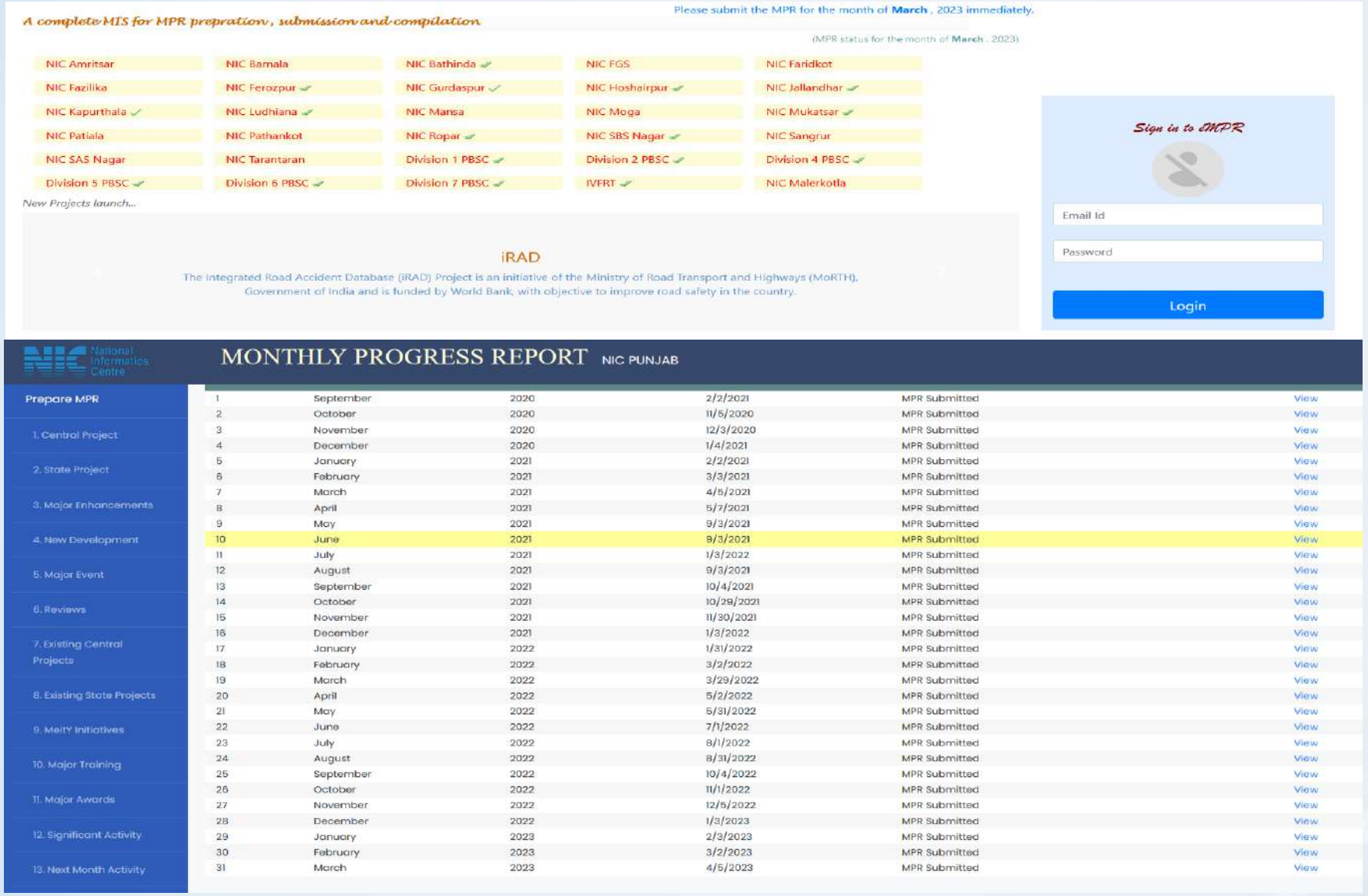
Operational	23	Under Development	5	Under Testing	7	Ready to Launch	4

The National Informatics Centre (NIC) in Punjab has recently developed a user-friendly web portal known as C.M Di Yogshala (CMDY). The portal has been designed to be accessible and easy to use for all citizens, regardless of their technical expertise. The CMDY web portal will offer citizens the opportunity to register for yoga classes with certified instructors. The Government of Punjab has taken an innovative step towards promoting the physical and mental well-being of its citizens by launching the C.M Di Yogshala Web Portal.

The portal was inaugurated on 05-04-2023 by the Chief Minister of Punjab, Bhagwant Mann, and the Chief Guest of the occasion was the Chief Minister of Delhi, Sh. Arvind Kejriwal.

Since its launch i.e 5th April 2023, approximate 2000 applications has been received

eMPR NIC Punjab



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

OxyCare Management Information

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:

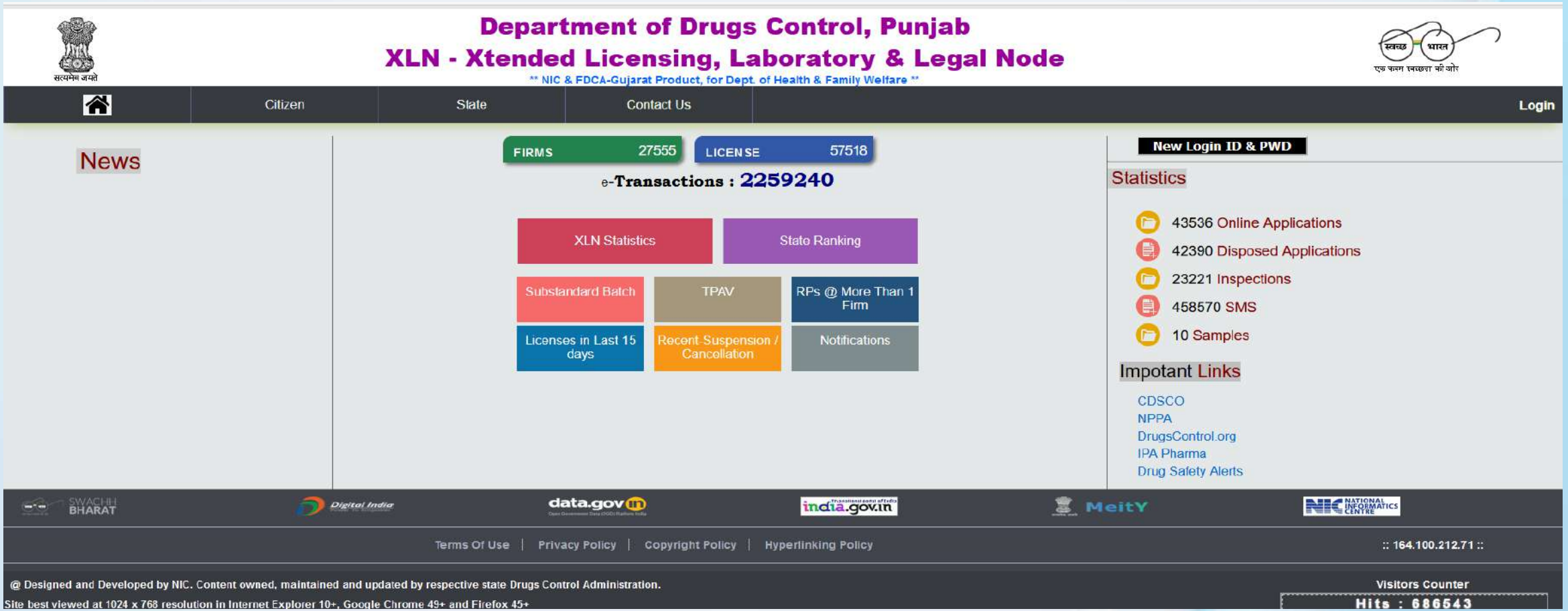
- Oxygen Concentrator delivered/ installed: 2042
- PSA (Pressure swing adsorption)Plant installed : 143
- Ventilators installed : 846

XLN - Xtended Licensing, Laboratory & Legal Node

xln.punjab.gov.in

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



Drug De-Addiction Registry Portal (DDRP)

Proposed System:

- ✓ **Registration and monitoring the treatment provided to patient at various Outpatient Opioid Assisted Treatment (OOAT) and private centres.**
- ✓ **Capturing complete workflow involved in the application, starting from registration of patient and regular follow-up visit performed by patient at OOAT Centre. Application will have Integration with Aadhaar database to check the de-duplication of patient data.**
- ✓ **Capturing complete stock details of medicine and quota issued to various warehouse and medicine issued to various de-addiction Centre.**
- ✓ **Provisioning to generate various type of reports for monitoring of patients and availability of medicine stock at various OOAT centres.**
- ✓ **Generating dispensary register and stock register as per the format maintained by OOAT centres and providing Dashboard at various levels.**

Current Status:

- ✓ Project Proposal has been submitted to the department and funds has been released by the department.
- ✓ Department has submitted the Proposal to UIDAI for eKYC authentication and UIDAI has approved the proposal.
- ✓ Software Development is in progress.

Other Major Applications

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).

Other Major Applications

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, Musafirkhanas 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

Immigration Check Post Computerization

Foreigner Regional Registration Office, Amritsar

Dera Baba Nanak ,Integrated Check Post Counters

Arrival – 34

Departure -34

Daily Average Passenger -1500

Sri Guru Ram Dass International Airport, Amritsar Counters

Arrival-14

Departure -12

Visa on Arrival -6

Daily Average 2000 passengers

ICP Wagah Road Counters

Arrival – 9

Departure -9

Daily Average Passenger – 150

ICP, Attari Rail, Amritsar

Counters

Arrival -16

Departure- 16

Daily Average Passengers – 200

Chandigarh International Airport, Mohali

Counters

Arrival- 12

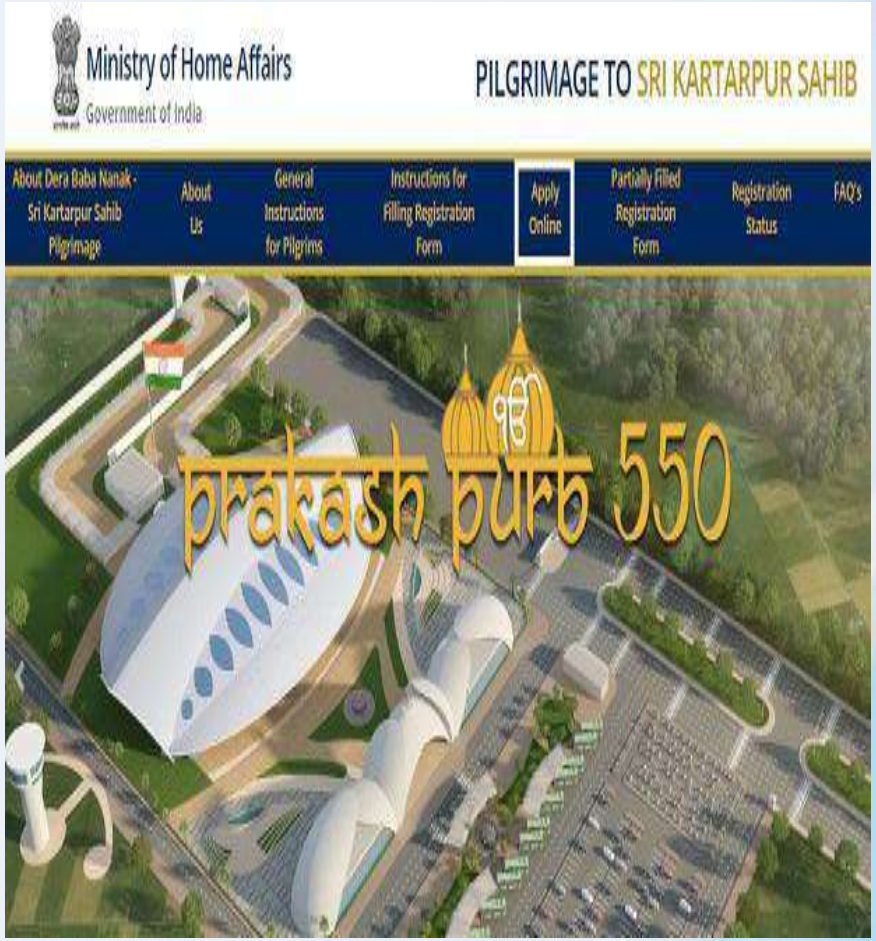
Departure-9

Daily Average Passengers – 220

Sri Kartarpur Sahib Project

https://prakashpurb550.mha.nic.in

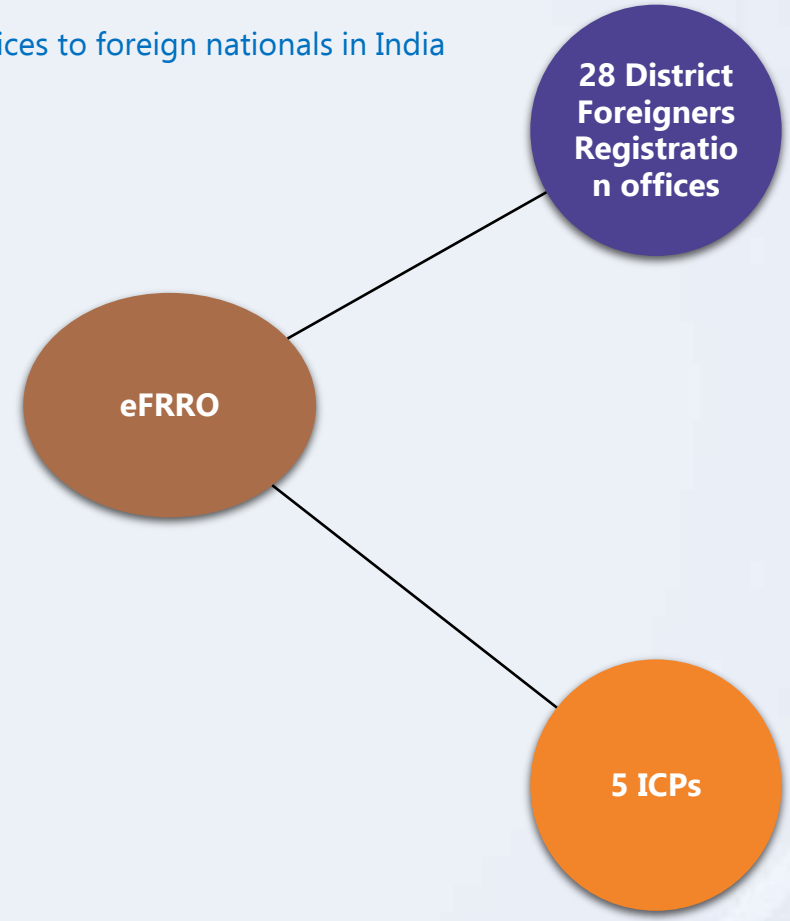
- Online Registration of the Pilgrims to Visit Sri Kartarpur Sahib.
- Security vetting of the registered pilgrims by the concerned district police authorities and intelligence agencies
- Compilation of the list of the pilgrims to visit Kartarpur Sahib on daily basis by MHA
- Share the data of the pilgrims 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

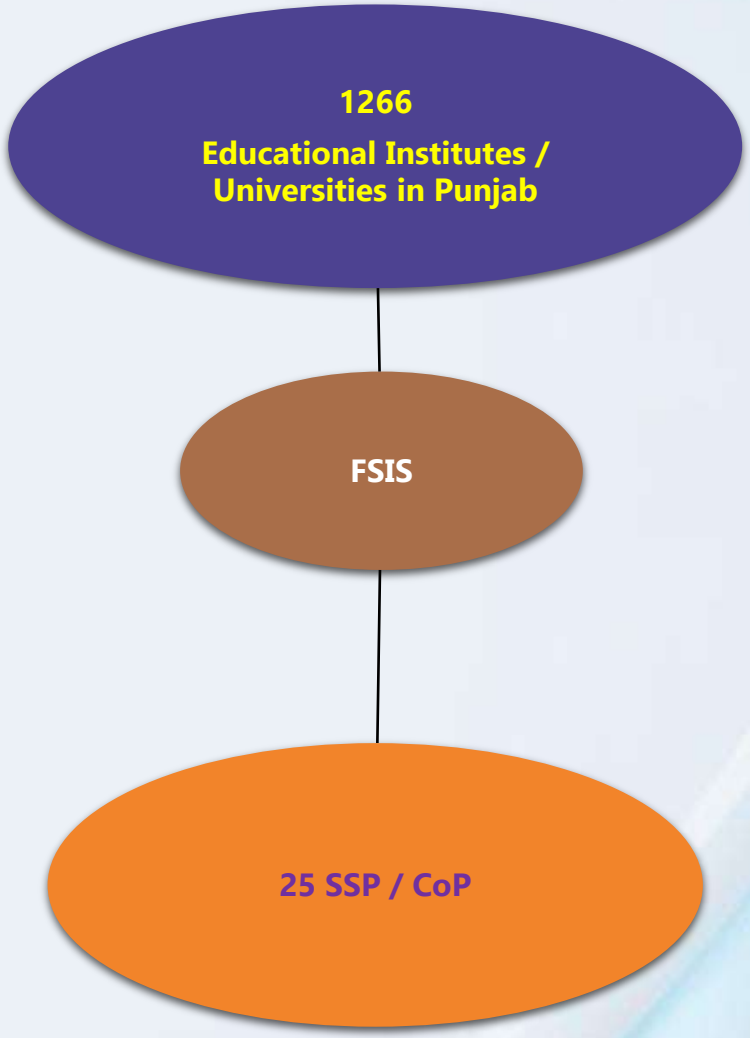


FSIS (Foreigner Student Information System)

https://indianfrro.gov.in/sform

FSIS

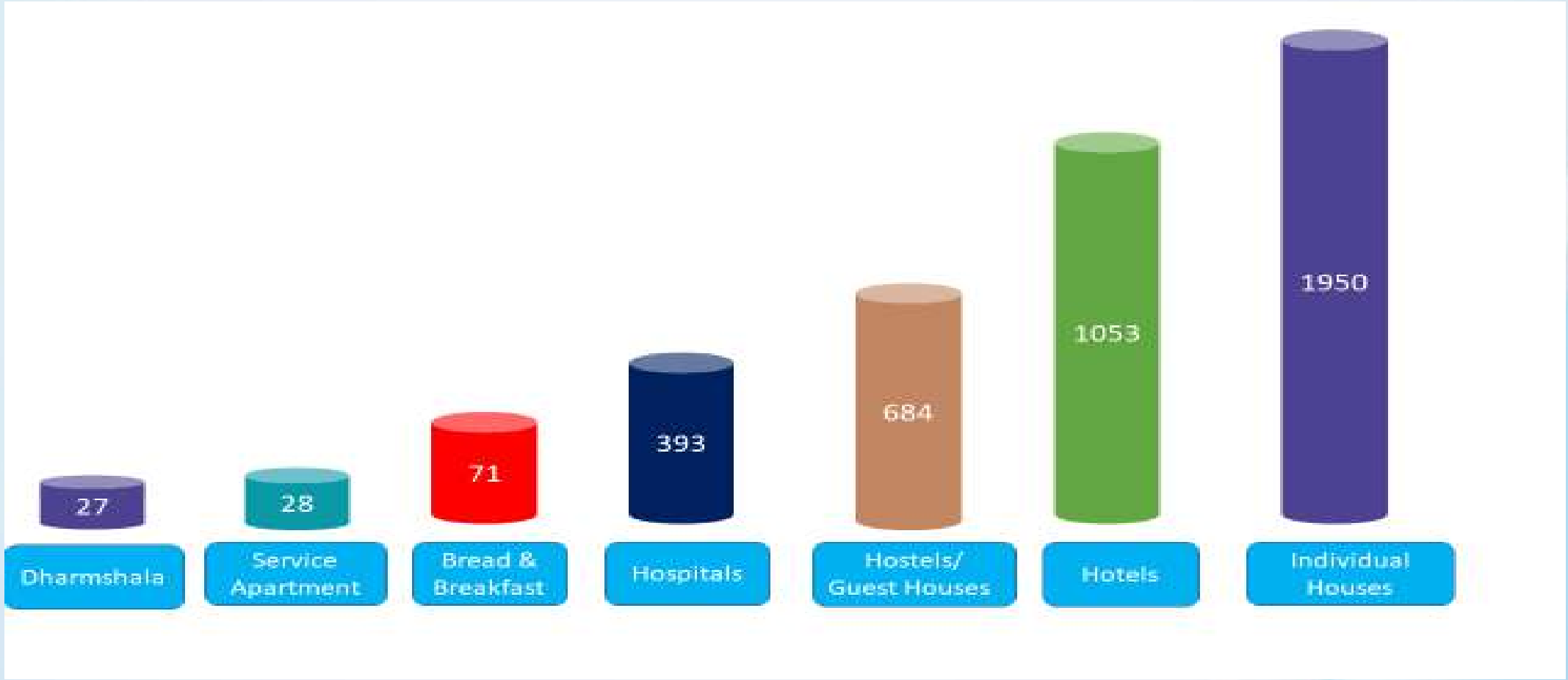
- ✓ Foreign Students Information System is a light weight web based Application used for capturing the data of foreign students enrolled in Educational institutes / Universities by the educational authorities in Punjab.
- ✓ Role Based functionalities for Institutions, FRROs/FROs and Ministry of Home 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.

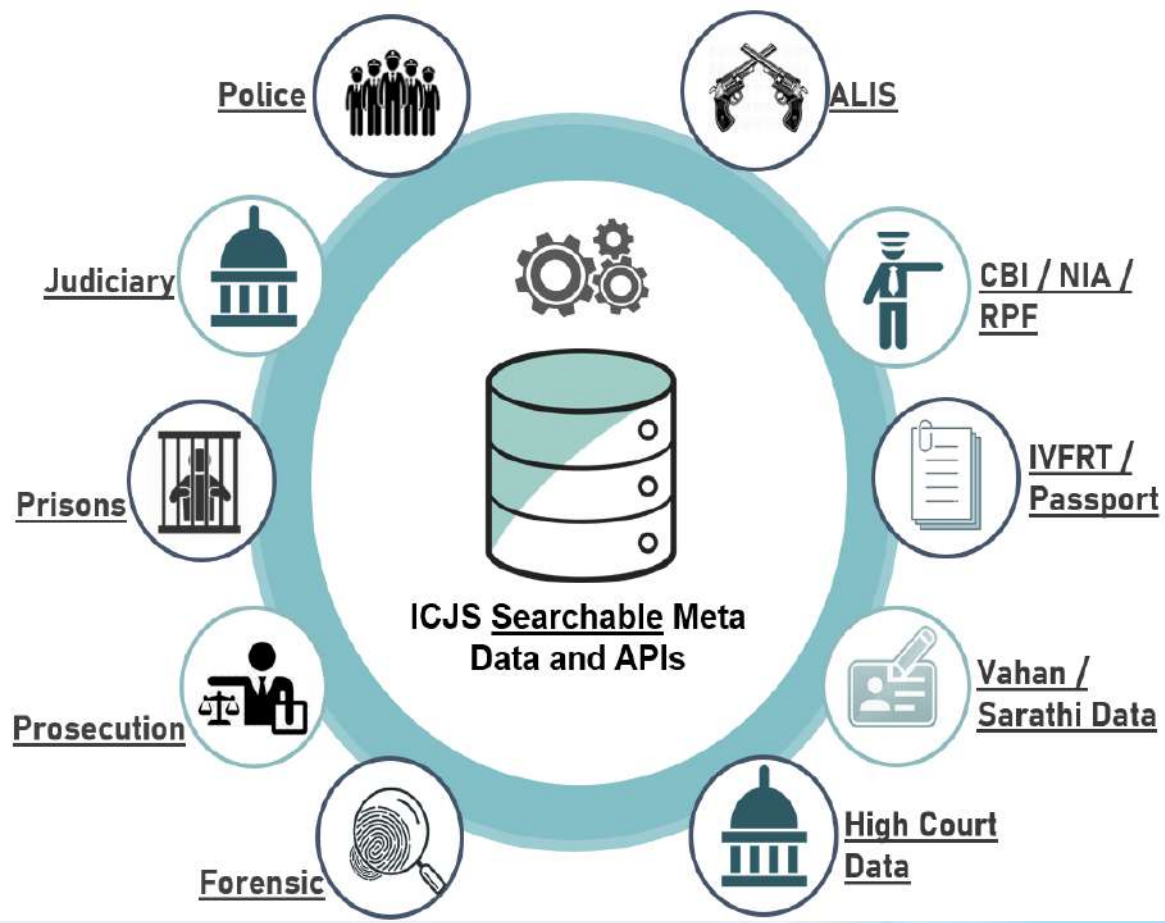
Registration of the entities in Online cForm of Punjab state



Interoperable Criminal Justice System (ICJS)

https://icjs.gov.in

- ✓ 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.

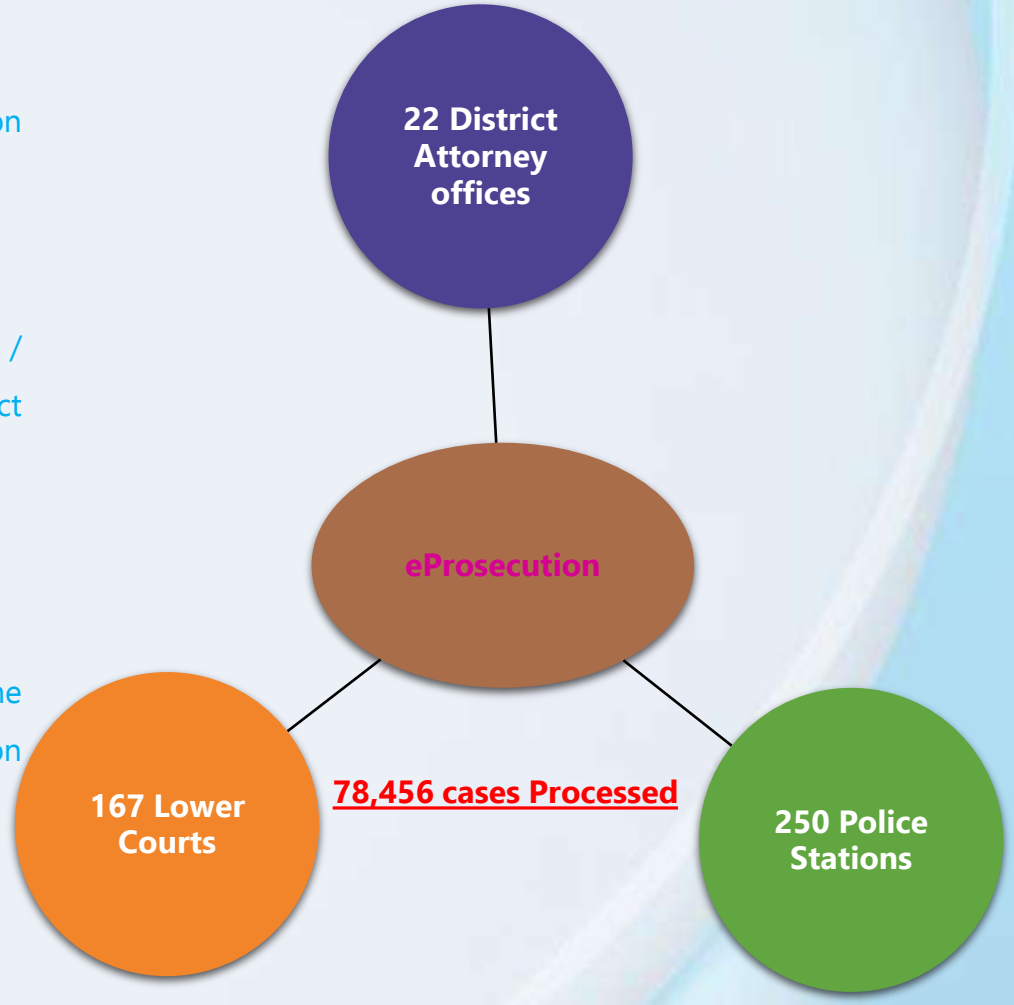


Introduction

- ✓ 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.



Arms License Issuance System

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

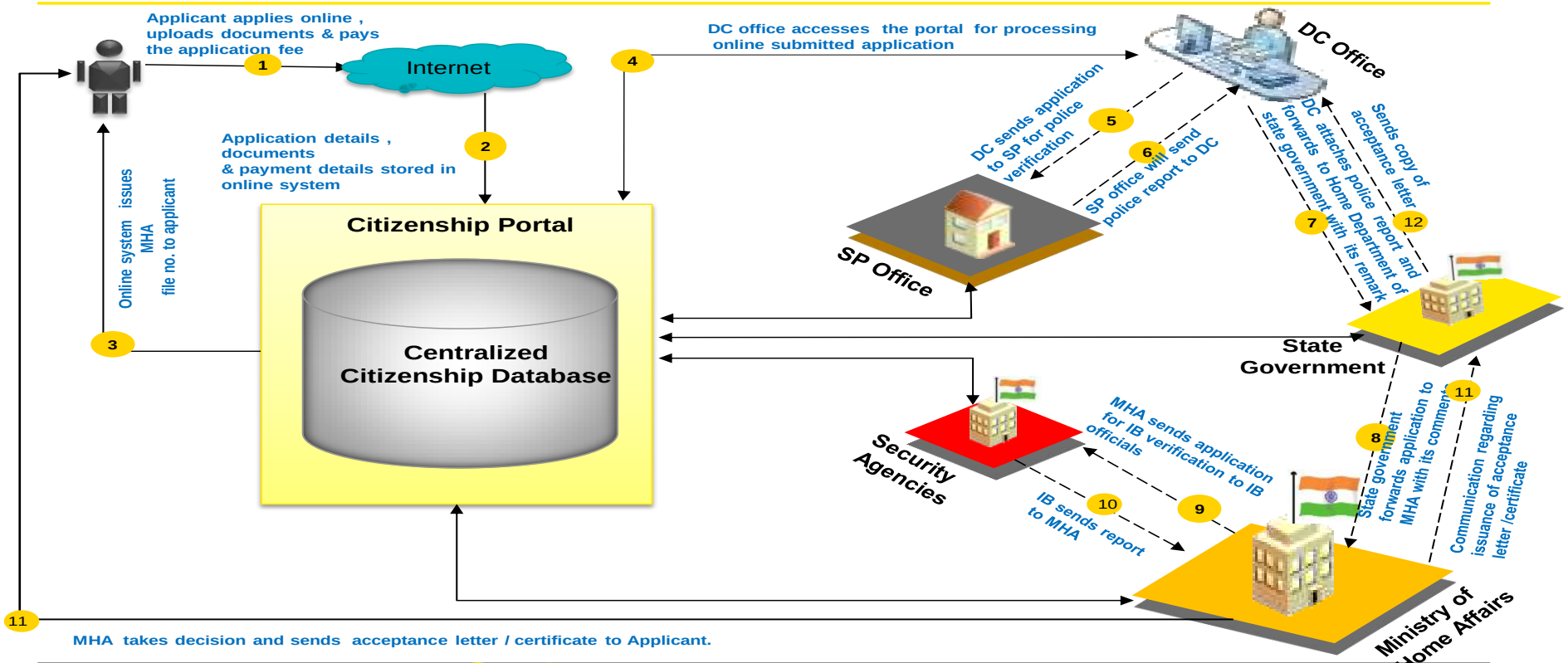
1224 Arms Dealers and Manufacturers in Punjab

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

4,41,112 UID Unique Identification Numbers generated.

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

Process Flow



Online Indian Citizenship Module

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

Future Road Map

- eTula for Department of Legal Metrology, Punjab
- Phulkari Web Portal and eMarketplace
- 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
- CM Dashboard

Future Road Map

- 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
- Proposal of Rs 7 cr(approx.) has been submitted to GoP for the development of 200 services in servicePlus
- Proposal of Rs 6 cr(approx.) has been submitted to GoP for migration of eOffice to eOfficeNG
- Proposal of Rs 3 cr(approx.) has been submitted to AIMS Bathinda for deployment of eOffice and SPARROW.
- OBPAS (Online Building Plan System) for Local Government
- Automation of Land Acquisition Process – Bhoomi Rashi(MoRTH)

Thank You...