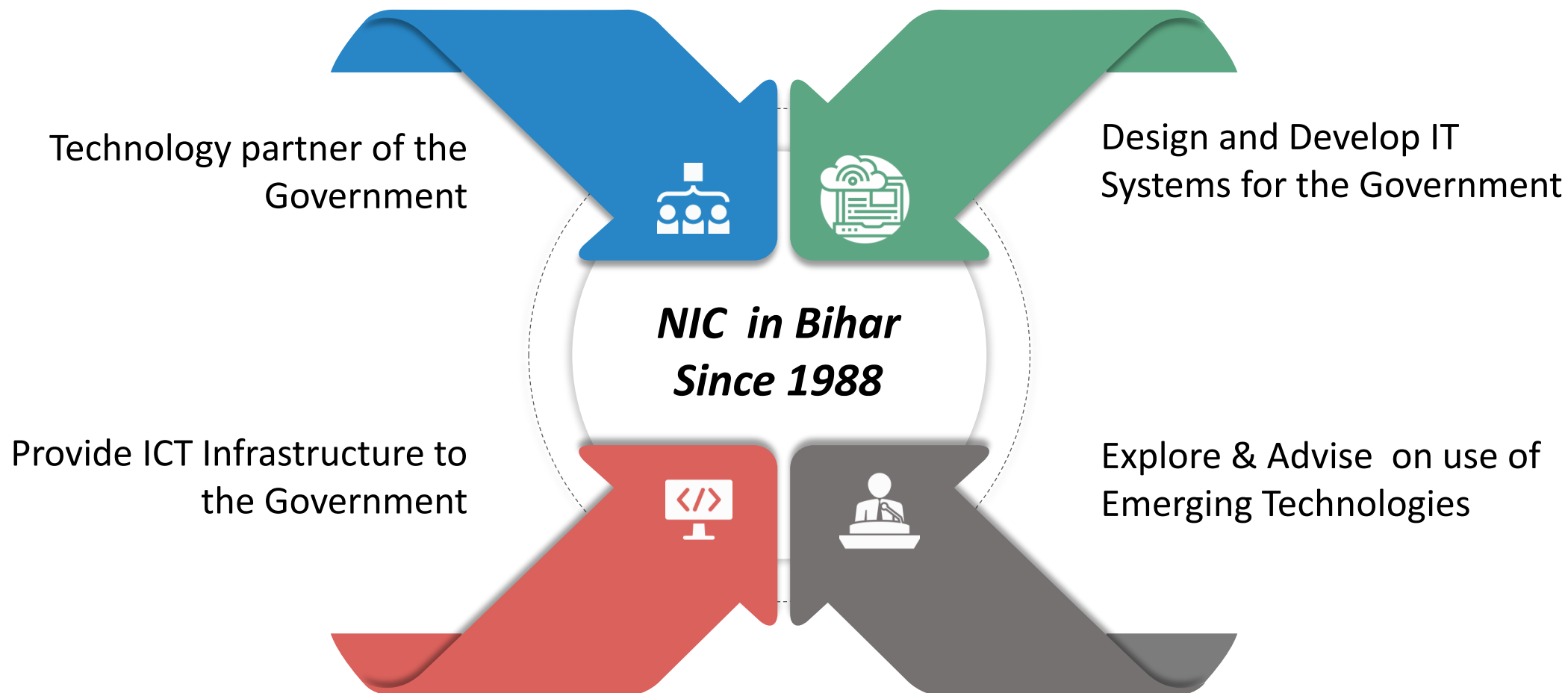


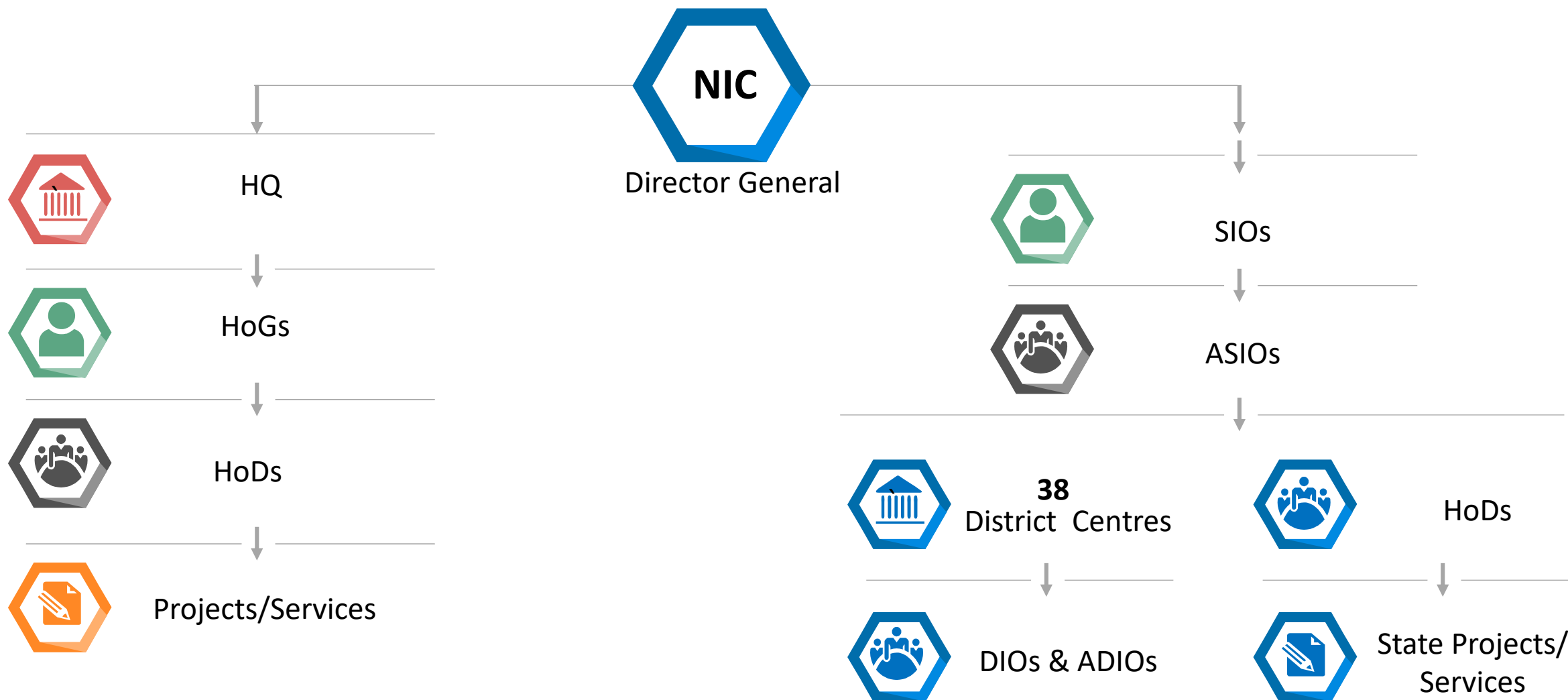
NATIONAL INFORMATICS CENTRE

Bihar State Centre

Ministry of Electronics & Information Technology
Government of India

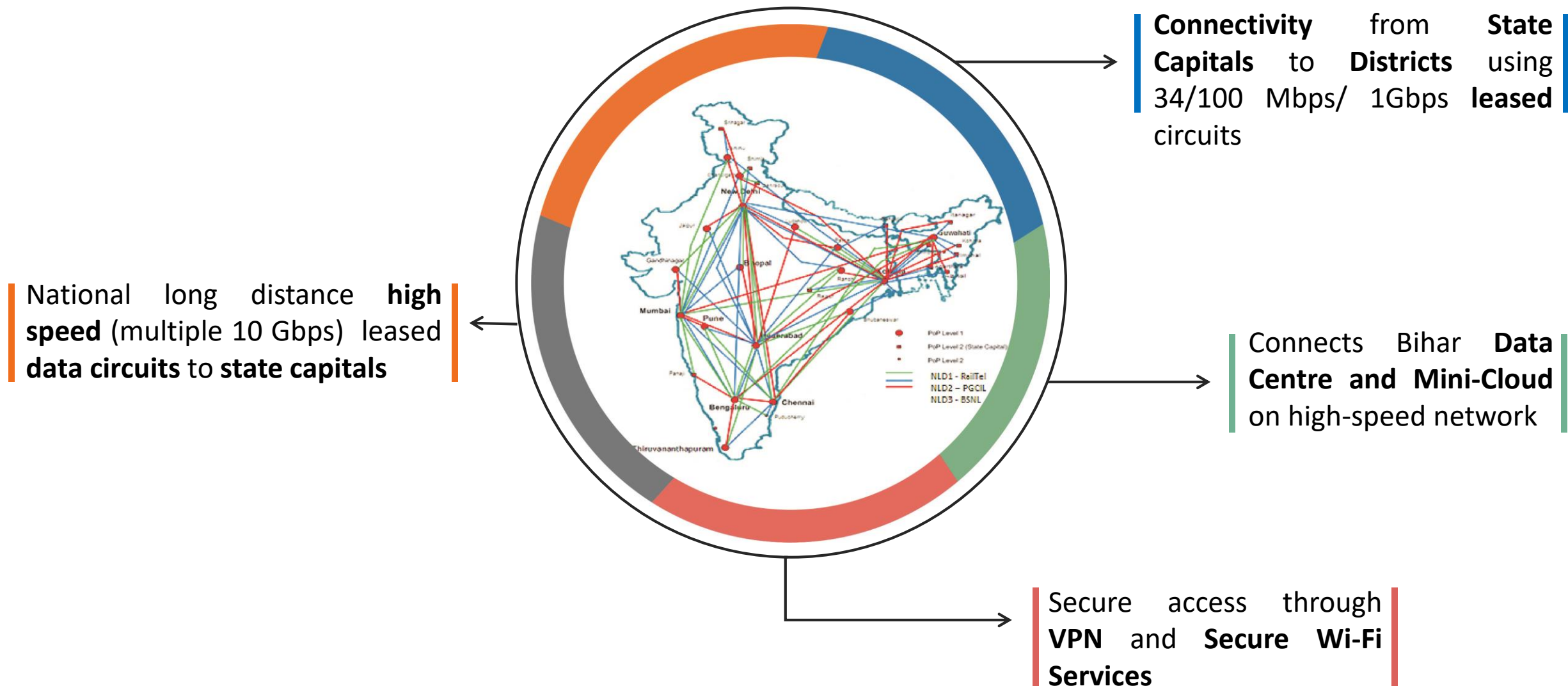
April 2022







DIGITAL Platforms and Products



NICNET - Network Backbone for Bihar

Leased line based connectivity - 10G Backbone (RailTel & PGCIL)

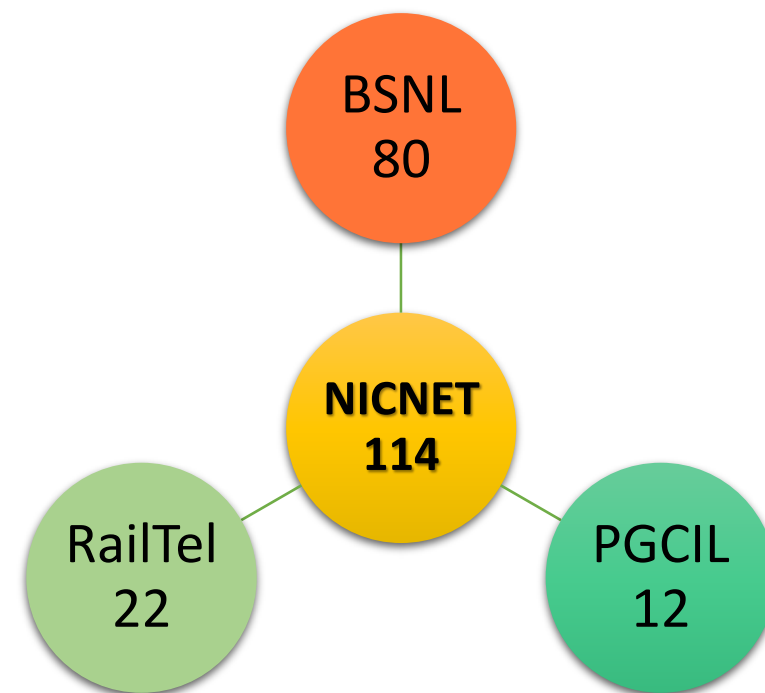
Links provided to the Central Government Offices

Links to State Governments (CS-Cell, Vikah Bhawan, Raj Bhawan etc.)

District Administrations & horizontal links through NIC DC

Redundant Links to districts/offices – to ensure high availability

Presence in all districts of Bihar (link of 34 / 100 / 1000 Mbps)



NICNET - Feature and Functionalities

Used for browsing, email, video conferencing, live webcast etc.

Secured access of online web applications

Support all online / internet based activities -

High speed Internet to data centre and mini-cloud servers

Large scale VVIP video conferencing and other online events



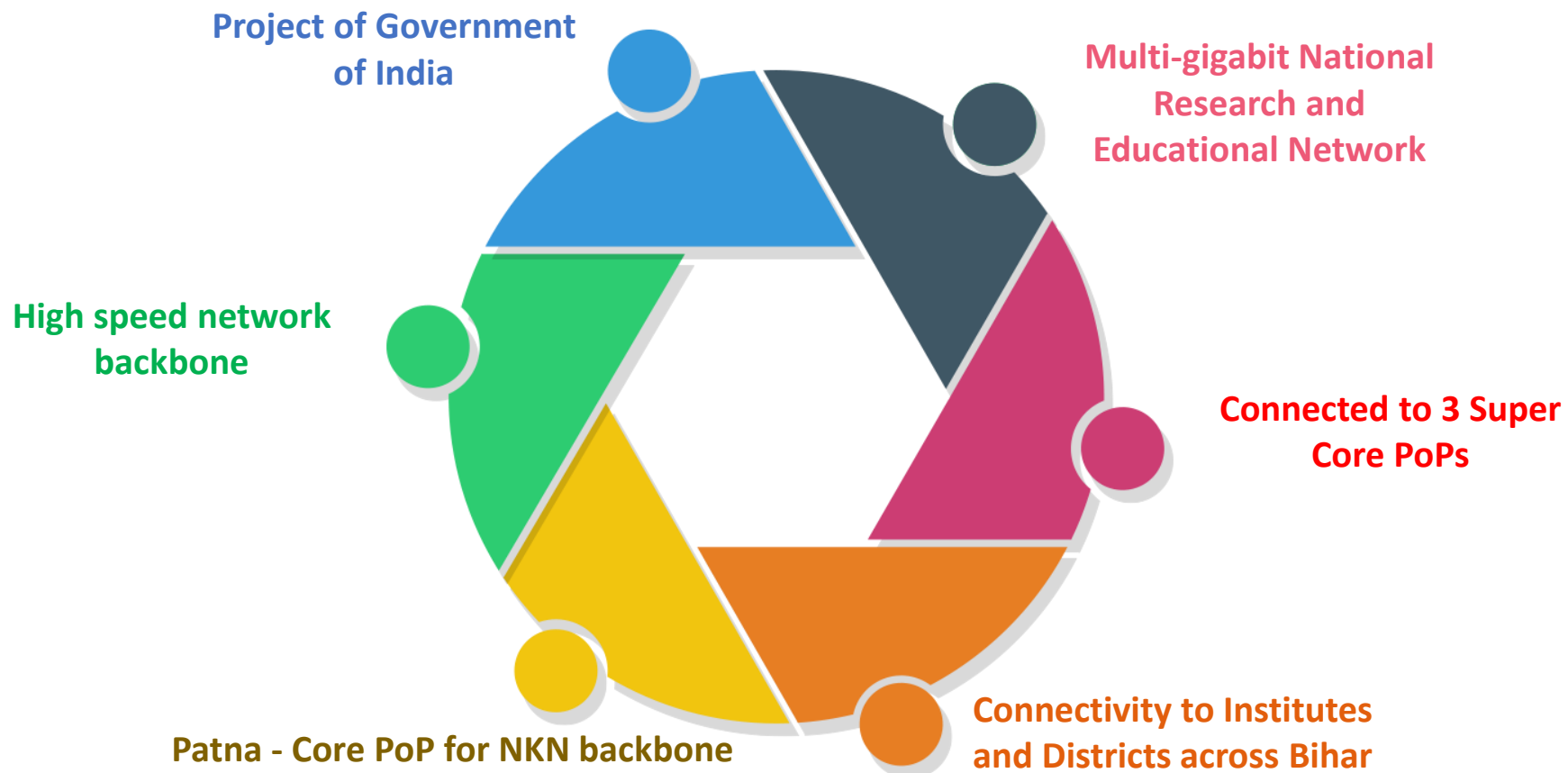
<https://servicedesk.nic.in/>

1800 111 555



Helpdesk – 24x7
0612-2547906, IP - 23028/ 23009
Network Engineer Filed Operator (NEFO)
Network / System Administrator
Network Coordinator
NoC HQ Delhi Team

NKN – National Knowledge Network



NKN – National Knowledge Network: Services



Cloud Based Services

- LDAP PaaS (Light Weight Directory Access Protocol with PaaS)
- NKN Application Token Manager
- NKN BitAmbulator - Multitenant Storage Service



Generic Services

- Internet, Intranet, Network Management Views, e-Mail, Messaging Gateways
- Caching Gateways, Web Hosting, VoIP, Multipoint Control Unit (MCU) Services
- Video Portals, SMS Gateway, Co- Location Services, Video Streaming



Special Services

- Virtual Private Network Stitching Services
- VPN@L2 - Virtual Private Wire Service / Virtual Private LAN Service, VPN@L3
- DNS Cache Servers, DNS Zone Sever, MX Service, Mail Relay Service



Application Services

- Open Source IP Registrar (OSIR) - Auto Installation, Link & Client Management, Lease Search/Reservation
- Failover Management, Configurations Backup & Restore, Automatic DHCP Server Failover
- Smart Class – Desktop based video conferencing facility, SMS Gateway Service (Push, Pull, email SMS)



Community Services

- Virtual Classroom, Virtual Library, Virtual Lab, Collaborative Research
- CollabCAD, CollabDDS, Garuda, CERN-Large Hadron Collider, Open Source Drug Discovery, Grid Computing
- E-Foundry: Online learning resources in casting design and simulation

NKN Connectivity

State University - 13

Medical College & Hospital - 11

Engineering Institution - 7

Management Institution - 5

Research Institution - 5

Central University - 4

Training - 3

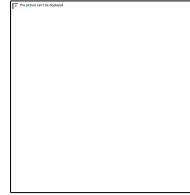
Government Body - 2

Judiciary - 1

Art and Design - 1

56

VC Studios



85+

VIP VC Sessions
in 2022

NIC is offering VC services since 1995

650+

VC Sessions In
2022



10700.00+

VC Hours
in 2022

****Bharat VC Solution hosted on National Data Centre****

Technology Used and Resource Allocated

■ VM Ware

- vSphere vCentre – Management Tool
- vRealize Automation – VM creation using template
- vRops-Reporting tool

■ Management Tools

- HP Data Protector- Backup
- Alteon Vision- Radware Load Balancer
- HPE StoreOnce - Data Storage
- HPE OneView - Configure and Manage Frame View.
- HPE iLO- communicating to physical servers.

■ Operating System

- Microsoft Windows Server 2016
- Red Hat Linux 7.5/7.7/7.8
- CentOS 7.8/7.9
- Ubuntu -18.04

■ Application Server –

- IIS 10
- Apache Tomcat 8.0/9.0
- Apache 2.4.46

■ Database Server-

- Postgres 12.4 /13.0
- Microsoft SQL Server 2016
- MariaDB 10.4.14/10.5.8

VM's and other resource allocated

- VM's Created and Allocated– 169
- No. of Cloud Accounts Created – 66
- Load Balancer Created for -11 applications
- Backup Services allocated - 106
- Public IP allocated to Cloud Users -63

Servers - 12 Nos. with 2 CPUs of 22 Core each

Storage Capacity - 411.90 TB

Memory Capacity – 6.40 TB

Cluster - Windows & Linux

Services - PaaS & IaaS

Network Speed - 10/25/40G

Applications Hosted

- Aapda Sampooriti
- Shram Sadhan Portal
- MedhaSoft
- Anti-Virus of Bihar
- Government of Bihar
- Cooperative Dept. Of Bihar
- Bihar AIDS Control health Society
- Covid-19 Cell Management System, Patna
- Weights & Measures Division, Agriculture Department, Govt. of Bihar
- E-Labharthi
- Directorate of land records Bhunaksha
- Bihar Pravasi Portal
- E-JANANI
- ICDS
- MSME, Muzaffarpur
- Krishi Jal
- Railway Recruitment Board, Muzaffarpur
- Chat bot Nirwahan Mitra
- EMEET(E-Meeting)
- RAJWBR(RAJ BHAWAN Governor of Bihar)
- ELEC(BR)(Election Commission of Bihar)
- CGHSBR(Central Govt. Health Scheme)
- AGIS (Bihar GIS)
- BIC(Bihar information Commission)
- SERPBR(Service Plus)
- MSMPBR(MSME, Patna)
- Railway Recruitment Board, Patna
- Railway Recruitment Cell, Patna
- Samvardhan application, Purnea

- Bihar Vidhan Sabha
- Bihar Vidhan Parishad
- Loka yukt, Bihar
- Directorate of Rice Development
- River Development and Ganga Rejuvenation
- Online Health Department, Govt. of Bihar
- Flood Management Information System
- Bihar Public Service Commission
- Home Department Bihar
- Divisional Commissioner Saran Chhapra
- Khuda Bakash Oriental Public Library
- Archaeological Survey of India
- Chief Minister's Secretariat, Bihar
- Central Reserve Police Force, Bihar
- Home Department (BPSSC), Bihar
- Divisional Commissioner ,Darbhanga
- CGST Ranchi Zone, Patna.
- Central Excise, Patna.
- State Board of Technical Education, Education Department, Bihar
- State Consumer Disputes Redressal Bihar .
- EleTraces Application
- GIS Services
- Post Matric Scholarship, Bihar
- Divisional Commissioner, Saharsa
- Divisional Commissioner, Patna
- Divisional Commissioner, Patna – ECIS
- Jeevika Online Project
- Jal Jeevan Hariyali Mission

- E-Gazette
- GAYA-RTE
- Joas Application
- DBTSMS
- Sewa Itihas
- Ganga Flood Control Commission
- NBFC Complaint Management System
- Janta Ke Darbar Me Mukhyamantri
- Abhiyan Kitab Daan



Email Service in India

29 Lakh

Email Users

4.5 Crore

Email
Transactions/day

1.2 Crore

Malicious
Attacks/Emails
Blocked Per Day

2 Crore

SMTP gateway
Traffic/day

1600 +

Virtual Domains
like @gov.in,
@nic.in

24

PB Storage

Email Service in Bihar

More than 18650 email accounts have been created and managed for Central and State Government Offices

2FA Kavach software <https://kavach.mail.gov.in> implemented for all user of Bihar State

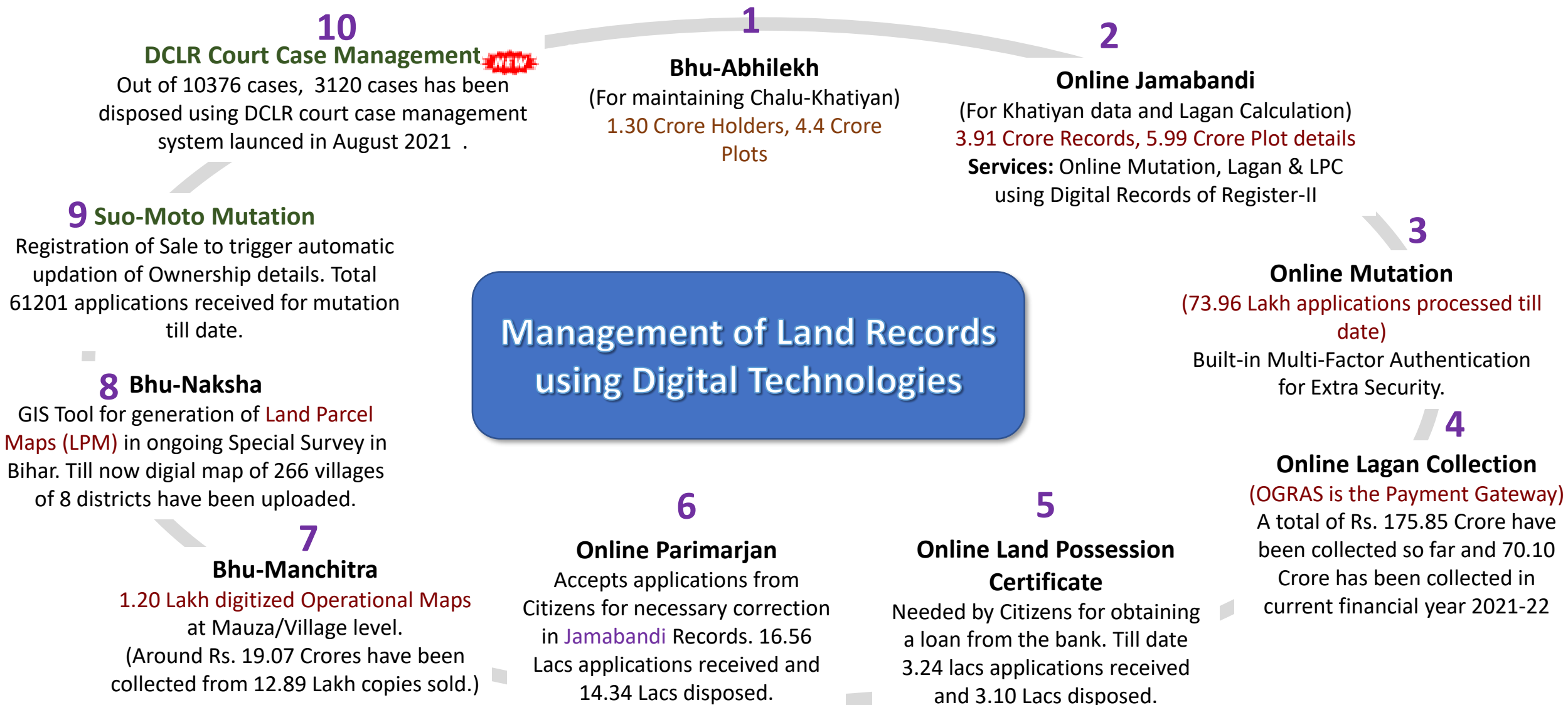
Profile Update through <https://profile.nic.in> of Bihar State User

<https://eforms.nic.in> portal implemented for new email account Creation for State and Central Government Offices

<https://servicedesk.nic.in> portal implemented for the issue related to email



| **DIGITAL** Government



01



1.79 Crore Ration
card
8.71 Crore
beneficiary

02



FPS Management
implemented in the
state.

03



48880 Fair Price
Shop using POS
device

04



Approx. 93%
families received
food grains using
Aadhaar
Authentication

05



Implemented Supply
Chain Management
System across the
State.

06



One Nation One
Ration Card
implemented in Bihar
in June, 2020

07



Linked with the
DigiLocker App

08

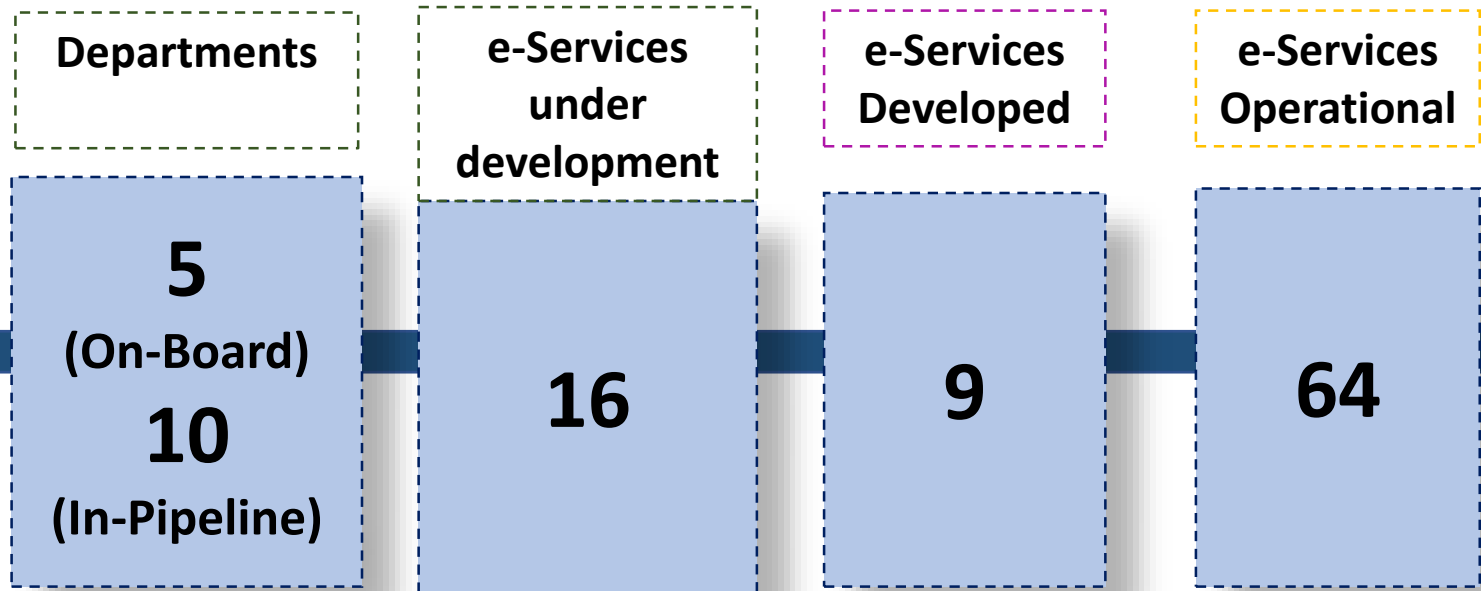


Linked with
Ayushman Bharat
Yojna

<https://serviceonline.bihar.gov.in>
<https://serviceonline.bihar.gov.in/officials>



Delivering Govt. Services to the Citizen and Business at their doorsteps



Delivering Govt. Services to the Citizen and Business at their doorsteps



Total Applied

4,40,00,225

Total
Delivered

3,92,10,519

Total
Rejected

39,84,339

Total
Pending

8,05,367

* Application Count of all services given above are since 2017 to march 31 2022

Forest Management Information System(FMIS)

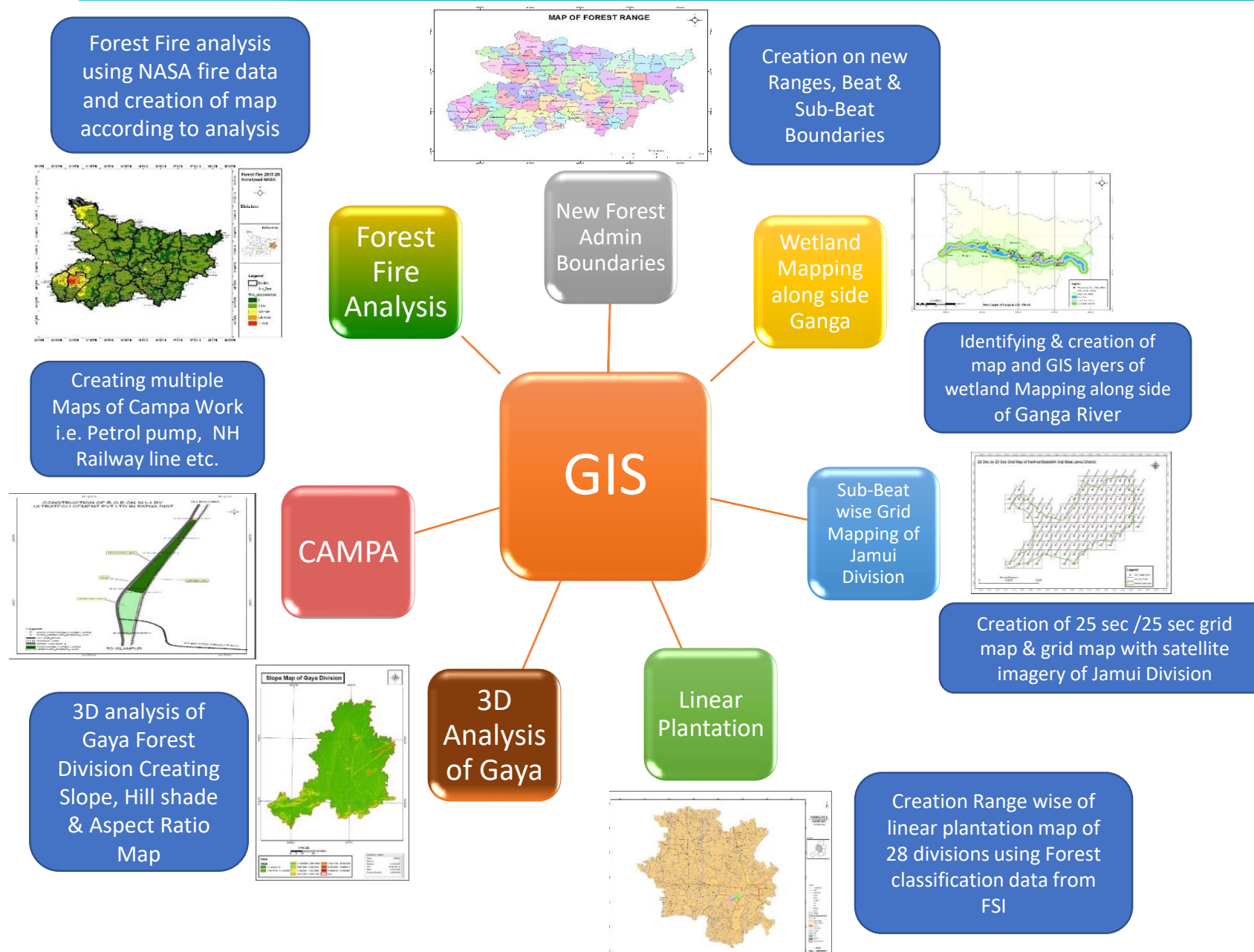
Objectives :

Forest management Information System is a micro-level approach of managing the forest plantations, nurseries, welfare schemes covered under Joint Forest Management, forest offences, wildlife activities, Human Resource Management System and Eco-Tourism Development in the state through ICT use of integrated web, GIS and mobile technologies.

Scope of Implementation :



The project implementation covers all 8 circles, 28 divisions and 101 range offices of the department.





Service for non-forest land and distance from forest area has been on boarded on Service Plus for citizens.



← → ↻ V/N serviceonline.bihar.gov.in 🔍 📄 ☆ AB 🌐 🛡️

लोक सेवाओं का अधिकार एवं अन्य सेवाएँ


RTPS and Other Services

(e-District Mission Mode Project)





English ऑनलाइन आवेदन सेवा सम्बन्धी जानकारी नागरिक अनुभाग स्वयं सहायता अनुभाग रिपोर्ट अनुभाग तकनीकी सहायता प्रश्न (एफ.ए.क्यू) हमारे बारे में हमसे संपर्क करें **लॉगिन**

कियोस्क / सी.एस.सी. द्वारा सभी अनुलग्नक अपलोड कर दिये जाने के बाद ही आवेदन की प्रक्रिया पूरी होगी।




ऑनलाइन आवेदन दें



लोक सेवाओं का अधिकार की सेवाएँ


- + सामान्य प्रशासन विभाग
- + योजना एवं विकास विभाग
- + श्रम संसाधन विभाग
- + गृह विभाग



अन्य सेवाएँ

- + श्रम संसाधन विभाग
- + पर्यटन विभाग
- **पर्यावरण, वन और जलवायु परिवर्तन विभाग**

कारोबार में सुगमता के अंतर्गत गैर वन भूमि / वन क्षेत्र से दूरी प्रमाण पत्र




श्री नीतीश कुमार
माननीय मुख्यमंत्री

विहार के ई-सेवाओं के लिए आवेदन का प्रस्तुतिकरण


सरकारी सेवाओं को नियत समय सीमा में पारदर्शी एवं सुलभ तरीके से ऑनलाइन ई-सेवा पोर्टल के माध्यम से उपलब्ध कराने हेतु संयुक्त पहल।

आवेदन प्रसंस्करण (Application Processing) के लिए लोक-सेवक पोर्टल <https://serviceonline.bihar.gov.in/officials> पर जायें।




महत्वपूर्ण सूचना

- आवेदकों को लोक सेवा केंद्र (RTPS Counter) / कार्यालय जाने की जरूरत नहीं है। वे ऑनलाइन माध्यम से ई-सेवाएँ प्राप्त कर सकते हैं।
- आवेदक को प्रमाण पत्र (i) एसएमएस में डाउनलोड लिंक, (ii) ईमेल में अनुलग्नक, (iii) डीजीलौकर, (iv) सर्विसप्लस इनबॉक्स, (v) पोर्टल पर सर्टिफिकेट डाउनलोड करे लिंक, (vi) किओस्क (Kiosk) / सामुदायिक सेवा केंद्र (CSC) / लोक सेवा केंद्र (RTPS Counter) इत्यादि के माध्यम से भेजा जायेगा।
- पोर्टल के माध्यम से सत्यापित किए गए प्रमाणपत्र (आवासीय / जाति / आय / नॉन-क्रीमी लेयर (राज्य) / नॉन-क्रीमी लेयर (केन्द्र) / आर्थिक रूप से कमजोर वर्ग) जारी करने वाले प्राधिकारी के अंतिम सत्यापन के अधीन है।




नागरिक अनुभाग

- खुद का पंजीकरण
- पासवर्ड भूल गए ?
- आवेदन की स्थिति देखें
- सर्टिफिकेट डाउनलोड करें



रिपोर्ट अनुभाग

- विभागवार ई-सेवा गणना
- विभागवार ई-सेवा सूची
- डैशबोर्ड एवं प्रबंधन सूचना रिपोर्ट



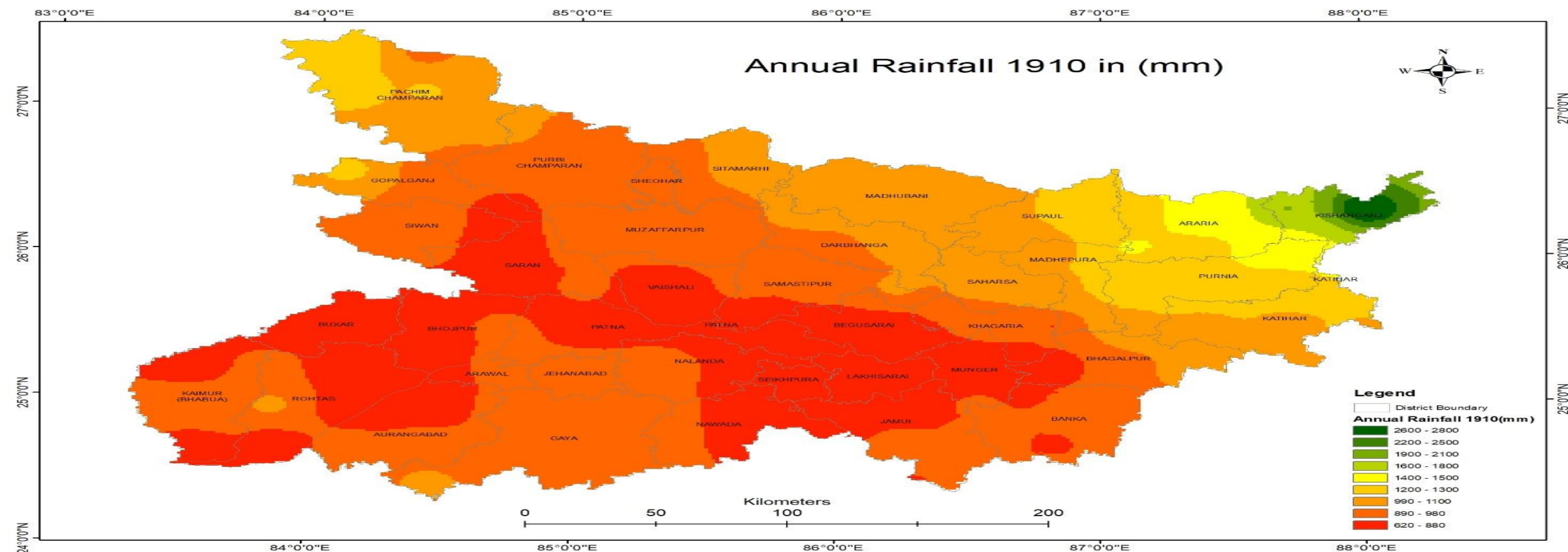
स्वयं सहायता अनुभाग

- + ऑफलाइन सर्विसप्लस
- + नवीनतम संशोधन
- + उपयोग निर्देश
- + उपयोगकर्ता पुस्तिका

Click
Here

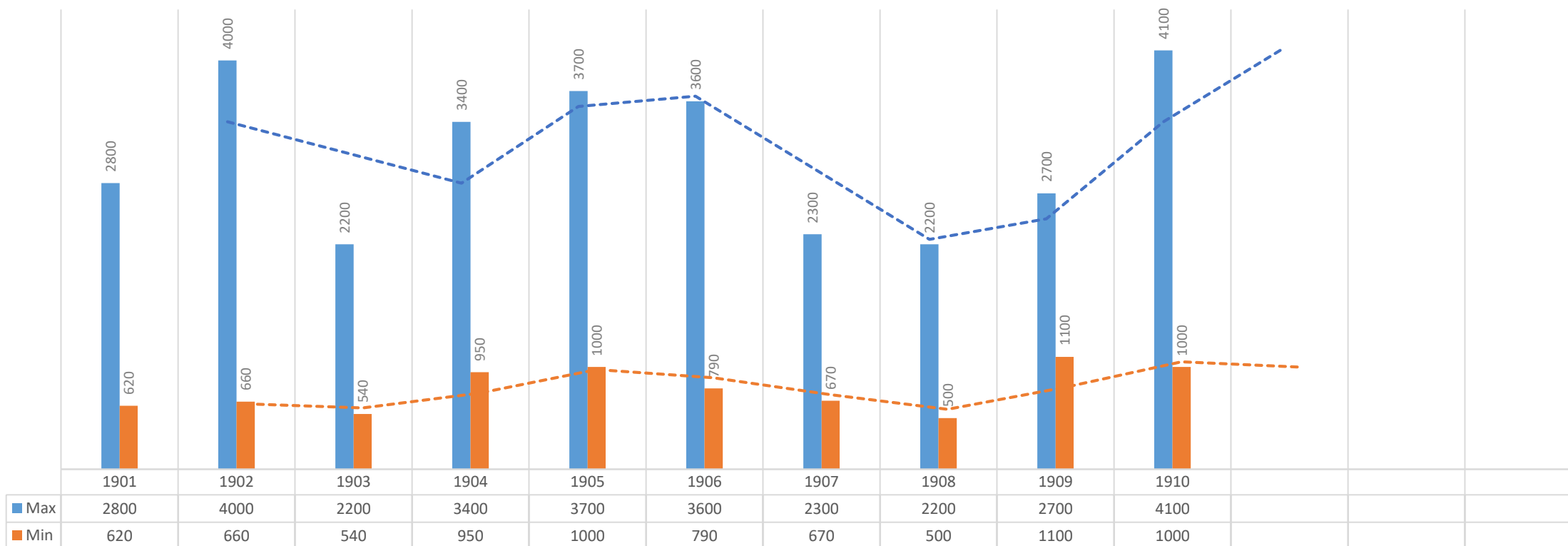
Climate Change

Annual rainfall analysis of Bihar state for the year 1901,1902, 1903,1904,1905,1906,1907,1908,1909 & 1910 from IMD grid data (netcdf) data. Created map to analyze changes in rainfall over time using raster analysis and Geostatistics tools in ArcGIS and ArcGIS pro software.



Climate Change

AVERAGE RAINFALL 1901-1910



Promotion, Planning, Design, Development and Implementation of Computerization services of NIC/User Application Required to Raj Bhavan.

Key Activities



ICT Support is provided by NIC to Raj Bhavan, Bihar.

- Video Conference Support is provided.
- Training for application running at Raj Bhavan , Bihar to Users.
- Technical Support for applications.
- Customization/Modification of applications.
- Monitoring of Applications.
- ICT Support during Visit of President of India and Vice President of India at Bihar.

Applications

Raj Bhavan Website

VC & Pro VC
Recruitment Portal

Online Document
Distribution System

Pay Roll System

Garden Event Pass
Management System

Reporting System
for Universities(UMIS)

eOffice

University Law
Search Portal

Android Application for UMIS

Services provided to

1

Patna High
Court

1

Central
Administrative
Tribunal

79

37 Districts & 42
Sub-Divisional
Courts

1

Legal Services
(Lok Adalat)

13

Courts of Govt. Of
Bihar Departments

- Board of Revenue
- State Appellate Authority Education Department
- Real Estate Appellate Tribunal (REAT)
- Patna Divisional Commissioner
- In 8 District Collector-cum-District Magistrate courts
- Motor Accident Claims Tribunal, Govt. of Bihar

Meetings

- With Hon'ble Judge and Administration of Patna High Court.
- With various Departments of Govt. of Bihar.

Statistics

- No. of Cases available - 2382466+
- Disposed Cases - 2160215+ (includes 75473 cases through VC)
- Pending Cases - 222251+
- E-Filed Cases - 170123+
- Registered Advocates on e-filing portal - 3541+
- Challan Defaced - 1188+
- Judgments uploaded - 1189323+
- Total Ld. Advocates in CIS- 7046+
- SMS Sent - 1953360 +

Court
Complexes
90

Court
Establishment
224

No. of
Courts
1352

Key Services

Case Information System
(CIS HC NC 1.0 and CIS NC 3.2)

Development of Periphery Modules &
CIS Log reader

Real time Data Replication to NJDG

e-filing ,
ePayment & Challan Defacement

Comprehensive Report Management

SMS, email services & Court through Web VC &
Studio Based VC

Website Development, ICT Support, Training &
Report Compilation.

Record Room File
Management System

Central Administrative
Tribunal, Patna

ICT support to Courts of Divisional Commissioner,
Collector-cum-District Magistrate, Tribunals of various
Departments of Govt. of Bihar

ICJS for District Courts

Other Activities

Promotion, Planning, Design, Development and Implementation of Web Application and ICT services from CS Cell

IMPLEMENTATION

14 Cadre Services
ebihPAR

3610 Officers
ebihPAR

3 Bhawans
eBhawan

**3231 Guest User and
10577 Applications**
eBhawan

**54 Departments
38 Districts**
CPGRAM-Bihar

87 Companies Registered
eNBFC

**IAS-197, BAS-1133,
BSS- 912, BSSS-258**
Sewa-Itihas

3 VC Studios
Video Conferencing

Applications and ICT Services

ebihPAR
(Bihar Sparrow)

CPGRAM-Bihar

eBhawan

Video Conferencing

eVikas

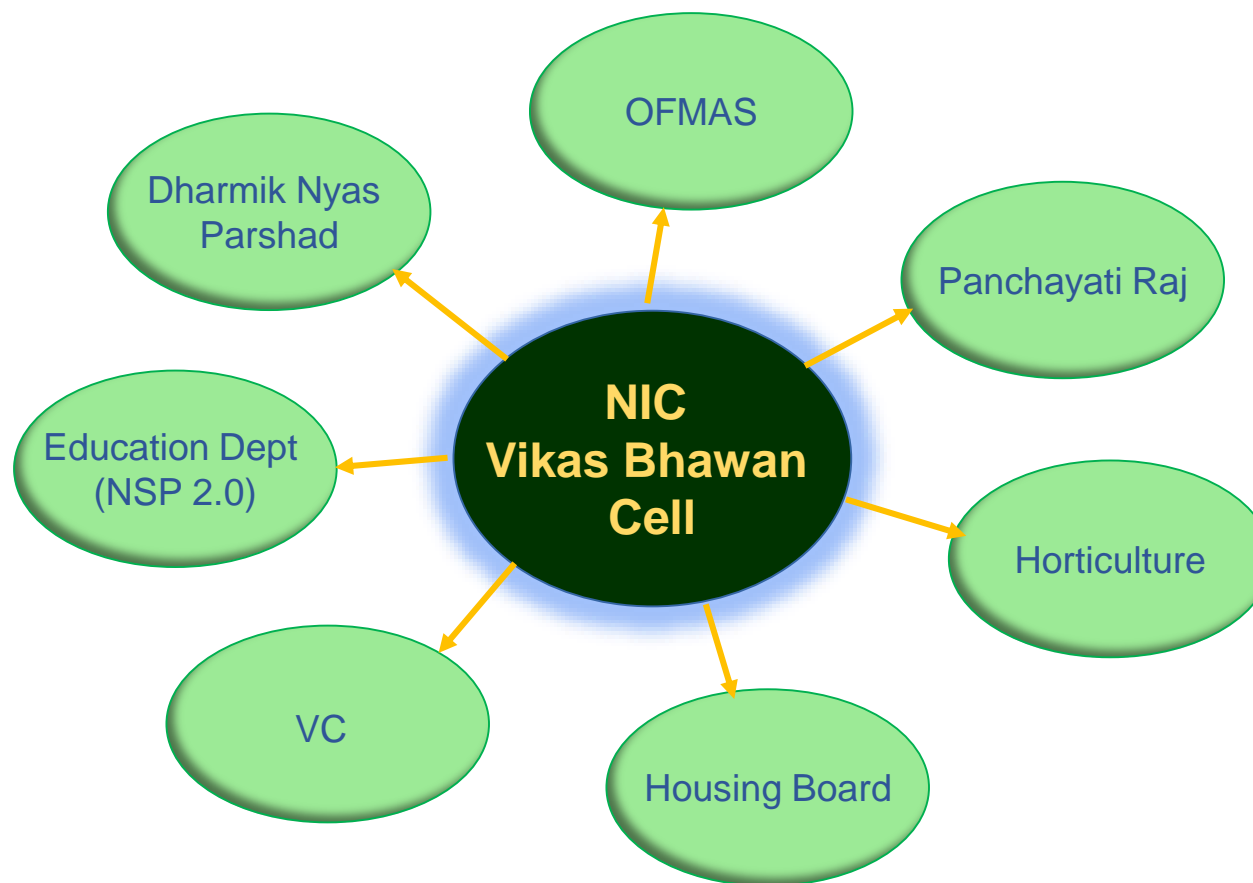
20 CSMI Bihar
Phase I & II

Sewa Itihas

eSamiksha

eNBFC

Project and Support extended through NIC Vikas Bhawan Cell



Social Security Pensions

- **Chief Minister's SC/ST/BC/EBC/Minority Hostel Grant schemes:**
Under this Scheme, Rs 1000.00 per month provided to each students staying in government hostels run by the SC/ST Welfare Department, BC & EBC and Minority Welfare Department.
- **Financial Assistance to Muslim Talaqsuda Women:**
It provides one time Financial Assistance or Rs. 25,000 to Muslim Talaqsuda Women to make them self dependent
- **Chief Minister's Civil Seva Grant Scheme for Scheduled Caste / Tribe & BC& EBC & Minority Students:**
Under this Scheme, Students Qualifying BPSC PT get Rs. 50,000 and UPSC PT get Rs. 1,00,000 for further preparations. Qualified students apply with online applications and money get transferred to their account through PFMS.
- **Annual Medical Assistance Scheme Labour Resource Department(LRD):**
The un-organised registered labourers are being paid Rs. 3000 as Annual Medical Assistance through DBT.

Beneficiaries Served:

- ☐ Indira Gandhi Disability Pension: 1.25 lakh
- ☐ Bihar State Disability Pension: 8.50 lakh
- ☐ Indira Gandhi Old Age Pension: 45 lakh
- ☐ Indira Gandhi Widow Pension: 6.1 lakh
- ☐ Laxmi Bai Social Security Pension: 7.2 lakh
- ☐ Mukhyamantri Vridhjan Pensions: 23 lakh

Total Monthly Disbursement: 370 Crore



ICDS – Aanganwadi Services

- **Integrated Child Development Services(ICDS)** has been implemented in 544 Projects of 38 Districts of Bihar. There are 106367 Aanganwadi working in Bihar, in which 93460 Sevika and 78039 Sahayika is working. Honorarium of Aanganwadi Sevika and Sahayika directly goes into their respective account through Direct Beneficiary Transfer (DBT) using PFMS platform on monthly basis.

Total AWC - 106,367, Total Sevika - 93,460, Total Sahayika - 78,039

Total monthly payments through DBT – Rs. 100.02 Crore

- **Poshahar** – 86 Lakhs Pregnant Women, Lactating Women, Children from 6 Months to 6 Years
- **Total monthly payments through DBT – Rs. 134.30 Crore**



Fasal Sahayta Yojana – Cooperative Department

- **Fasal Sahayta Yojana** is an initiative of cooperative department for farmers. It is a Crop Assistance Programme in which Farmers are getting crop assistance based on losses calculated through crop cutting experiment conducted by Planning and Development Department.

Payment done with State Co-operative Bank using Aadhaar Enabled Payment System :Crop Assistance for Paddy and Kharif Crops : Total farmers Registered 18,14,356.

- Total transaction amount – 737.12 Cr



Paddy and Wheat Procurement - Cooperative Department

- **Paddy and Wheat Procurement** is an initiative of Cooperative Department for assisting the farmers Income. Each year Govt. of Bihar purchases paddy / wheat from farmers to give minimum support price to farmers for their crops.
- Project is aimed to assist in smooth procurement of Paddy / Wheat from Farmers and give payment to farmers on time.

Paddy Procurement

Total farmers - 16,29,260 . Total transaction amount – 1837.12 Cr

Wheat procurement

Total farmers – 2,34,770

Total transaction amount – 336.85 Cr



Umeed Asha Ki Kiran – Bihar State Aids Control Society

- **Umeed Asha ki kiran**(Mukhyamantri Shatabdi Aids pidit Yojana) is an initiative of Bihar State Aids Control Society to assist aids patients with a pension of Rs. 1500 monthly by Government of Bihar. This amount is for their nutrition in addition to the Medicines being provided through ART Centre.

Total Number Of Beneficiaries :- 30047

Total Amount Paid : 40.46 Cr.



Ashwin– Asha Workers Performance & Incentive Portal

Ashwin Application(Asha Workers Performance and Incentives Portal) is an initiative of Health Department, Govt. of Bihar for the entry of Asha Workers daily and monthly activities and its verification at different levels such as Asha facilitator, BCM, ANM, HSC and MOIC etc. With the help of this portal the Asha workers will get their incentives through PFMS after the entry and verification of their daily activities.

Activities are divided into two Main Categories i.e.

1) Community

2) Institutional

and 9 Sub Categories which are:

- Maternal health
- Family planning program
- Immunization/regular vaccination by Asha and other voluntary workers
- Child health
- RKSK Program
- Asha Program
- NPCDCS Program
- National Program
- AB-PMJAY Program



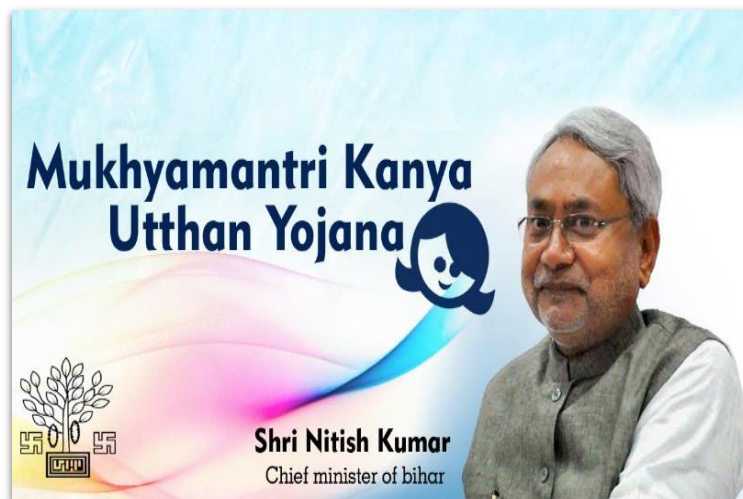
MedhaSoft – Education Department

- The **Medhasoft** welfare programme is an initiative of the Education Department with an objective to create a centralized students portal of all the Government and Government aided schools.
- It has integrated the entire Direct benefit transfer schemes for students like Mukhyamantri Cycle yojna, Mukhyamantri scholarship program etc. with e-Labharthi Platform. Fund directly get transferred to their account through PFMS.
- Schemes being served are:
 - Mukhayamantri Balak Poshak Yojna APL(Class 1-8)
 - Mukhyamantri Balika Poshak Yojna (Class 1-8)
 - Mukhayamantri Balak Poshak Yojna SC/ST/BPL (Class 1-8)
 - Mukhayamantri Balika Poshak Yojna (Class 9-12)
 - Mukhyamantri Balika Cycle Yojna (Class 9-12)
 - Mukhyamantri Balak Cycle Yojna(Class 9-12)
 - Kishori Swasthya Yojna
 - Scholarship – General (Class 1-8)
 - Mid Day Meal Programme
 - Payment for Text Book (Class 1-8)
 - Scholarship – BC/EBC
 - Scholarship – General
 - Scholarship – SC/ST
- **Total No. of Student: 1.82 Crore**
- **Total Amount Disbursed: 3.100 Crore**



Mukhyamantri Kanya Utthan Yojana

- **Mukhyamantri kanya Utthan Yojana** is a joint initiative of Social Welfare Department, Education Department and Health Department for girls in Bihar. The primary objective of the project is to eliminate child mortality rate, female feticide and child marriage cases in society. It aims to empower girls and inspire them towards education.
- The scheme provides them financial help right from their birth till they get graduated through which they may get a better life. The Government has made the scheme available to all girls of Bihar state without any discrimination. An online portal has been developed for ensuring registration of beneficiary at all the levels of the scheme and amount get transferred to their account through DBT



S.no	Stages/Condition	Amount Details
1	On the birth Of a child	Rs. 2000
2	After Attains One year	Rs. 1000
3	Immunization	Rs. 2000
4	Class one admission	Rs. 600
5	Between 3 rd to 5 th std	Rs. 700
6	Between 6 th to 8 th std	Rs. 1000
7	Between 9 th to 12th	Rs. 1500
8	On Passing 10 th	Rs. 10000
9	On Passing 12th	Rs. 10000
10	After completion of graduation	Rs. 25000

Aapda Sampoori – Disaster Management Department

- The objective of the **Aapda Sampoori** project is to strengthen institutional capacity of the Disaster Management Department of Govt. of Bihar to deliver disaster related services and expand outreach of citizen care services for poor and vulnerable households, farmers in the state. The portal has been developed to build a safe and disaster-resilient Bihar by developing a holistic, proactive, multi-disaster and technology-driven strategy for Disaster Management. This has been achieved through a culture of prevention, mitigation and preparedness. The entire process and portal is the center-stage of the community and provides momentum and sustenance through the collective efforts of all government agencies and Non-Governmental Organization. The state of Bihar, due to its geographical and topographical situation, is highly prone to several natural and man-made hazards.
- Gratuitous Relief (GR) Payment for Flood Relief:**
Under this scheme Rs. 6000 is being paid to all the families whose panchayats have been declared Flood Affected.
Separate Assistance is also being given for House & Cattle Shed Damages.
Total Number Of Beneficiaries :- 28+ lakhs
Total Amount Disbursed :- 1723.76 Cr
- Tatkal Sahayata Scheme for Drought Victims:**
Under this scheme Rs. 3000 is being paid to all the families whose panchayats have been declared Severe Drought Affected.
Total Number Of Beneficiaries :- 732443
Total Amount Disbursed :- 223.76 Cr



GIS Layers as Service

- **GIS Project for Rural Roads -Rural Works Department, Govt. of Bihar:**

With the objective of providing rural connectivity, Government of India had launched the Pradhan Mantri Gram Sadak Yojana (referred as PMGSY-I hereinafter) on 25th December, 2000 to provide all-weather access to eligible unconnected habitations as a strategy for poverty alleviation. However, a dire need to consolidate rural roads network by upgradation of selected Through Routes and some Major Rural Links (MRLs) was felt and accordingly a new intervention has been evolved namely PMGSY-II and then later with name PMGSY-III.

PMGSY –III is focusing on creation of DRRP road map and trace map and its verification and linking OMMAS with GIS.

- **Road Layers under Core Network (OMMAS - Online Management, Monitoring and Accounting System):**
 - Spatial Adjustment and updating of Drainage System of Bihar.
 - Bridge and Culvert layers
 - Rural Market Layers
- **GIS project Road asset Management system (IGram):**
IGram is an initiative of Road Construction Department, Govt. of Bihar launched with an objective of Updating and digitization of NH, SH and MDR roads according to new status.

Nischay Soft

The Panchayat **Nischaysoft** Portal is a workflow based Software to manage to end to end processes involved in following flagship programme of Bihar Government under 7 Nischay:

- **Mukhyamantri Gramin Peyjal Nishchay Yojana:**
The mandate of this scheme is to provide potable (safe drinking) water facilities in rural wards of Gram Panchayats in the State.
- **Mukhyamantri Gramin Gali-Nali Nishchay Yojana:**
The mandate of this scheme is to provide all weather connectivity and drainage facilities in all rural wards of Gram Panchayats in the state.



Jal Jeevan Hariyali

- **Jal Jeevan Hariyali** Mission is an initiative of Government of Bihar to address the problem of Climate Change by re-strengthening our environment .
- This massive water conservation scheme “Jal-Jeevan-Hariyali” is spanning over 7 line departments of the government.
- All the water sources such as Well; Pond, Ahar, Pyne, Canal etc are being mapped along with various schemes to renovate/recharge these water bodies.
- A mobile application for identification, mapping, verification and inspection of renovation has been developed and launched by Chief Minister Bihar.





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

IMPLEMENTATION

41

Departments across
Secretariat Buildings

43

Subsidiaries across State
Head Quarter @ Patna

8

Districts across Bihar
State

32272+

eFiles

842799+

eReceipts

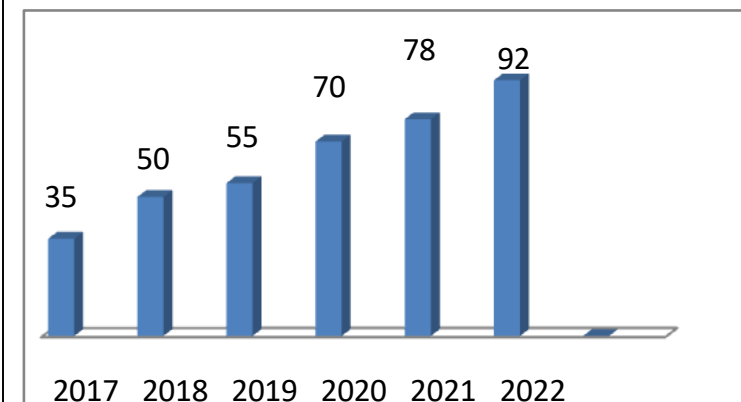
10892+

Users

- Open Architecture makes it a reusable product amenable to replication across the Governments, at the Central, State and District levels and also at International level
- Eliminates the delays on account of manual handling of files and papers and to take informed and quicker decisions

GROWTH

Growth of eOffice Implementation





- Payment through online OGRAS portal
- Digitally-Signed Certificate
- Grievance redressal system
- Web portal (<https://maaptaul.bih.nic.in>)
- Web Application(<https://wemmmis.bih.nic.in>)

IMPLEMENTATION

48066

verification certificates have been issued.

12

Renewal Licenses have been issued to dealers.

320

Lab Passing VC issued to dealer.

₹ 4.98 crore

has been collected in year 2021.

1

Verification and Stamping of Weights and Measures Instruments.

2

Issuance of Licence of manufacturer of weights and Measures Instruments.

3

Issuance of Licence of Dealer of Weights and Measures Instruments.

4

Issuance of Licence of Repairer of Weights and Measures Instruments.

5

Renewal Of Licence Of Manufacturer of Weights and Measures Instruments.

6

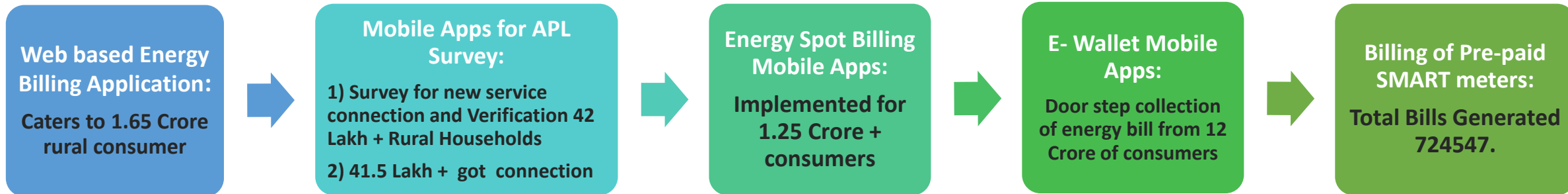
Renewal Of Licence Of Dealer of Weights and Measures Instruments.

7

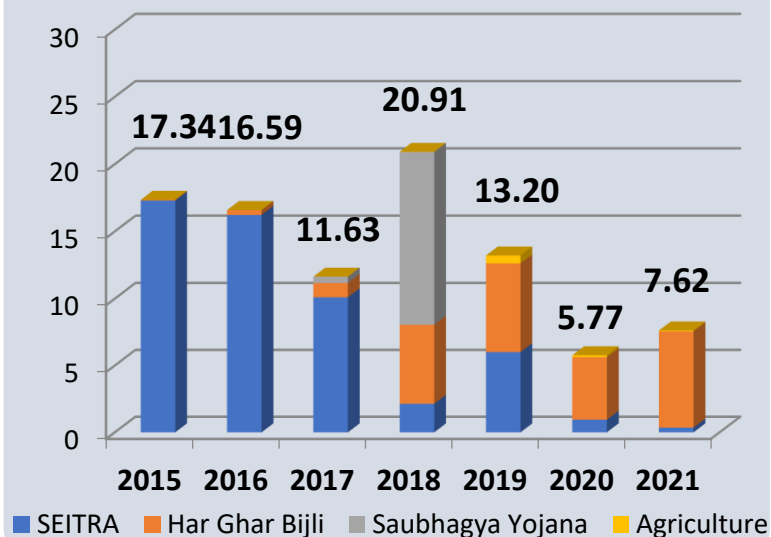
Renewal Of Licence Of Repairer of Weights and Measures Instruments.

8

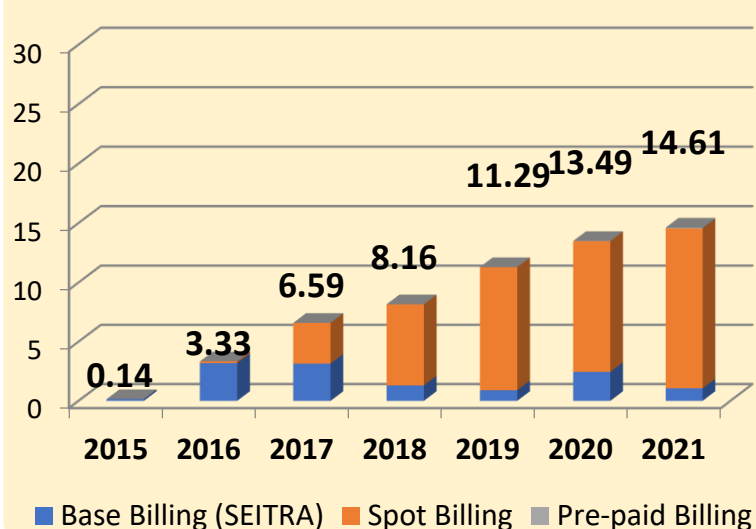
Registration of Manufacturer / Importer of Package Commodities



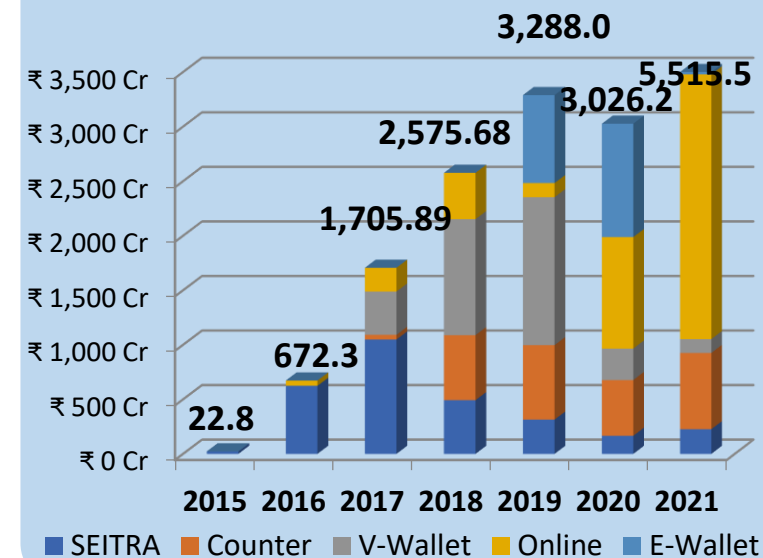
New Connection (in Lakh)



Bill Generation (in Crore)



Revenue Collection (in Crore)



Digital Innovation in Correctional Homes

08

Central Jails

33

District Jails

59

Prisons
On-boarded

65 K+

Inmates Inside

Bihar is top in India in terms of total virtual visits with 155019 in the year 2021.

Online and Offline physical eMulakat has been started on 16.11.2021.

State level workshop has been organized on ePrisons and ICJS from 08.03.2022 to 09.03.2022 at BICA, Hajipur

20 K+

Prisoner Admission
In April '2022

70 K+

eMulakat
(Virtual and Physical
Visits)
In April' 2022



**Role based
Dashboards**

Key Features

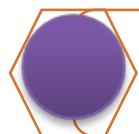


**Video Conferencing
Facility for Courts
and Family**

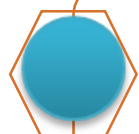
Home Guard

Entry & Update with OTP, Roster Registration through Missed Call, SMS Alert, Kamaan Generate, Attendance, Payment.

Roster Registration & Alerts



Missed Call: 01122901702 and got Online with OTP.



Roster Registration by IVR Technology , and Confirmation SMS sent to HG Mobile and Check validity by their registered Mobile



Use some business logic like priority given to those HG who will retire within 2months , trained and already perform short period duty for making roster.



Roster Current Position Status as per miss call given by Home guard.

Type of Kamaan & Generation



ATTENDANCE

- ❖ PAYMENT MODE
- ❖ NON PAYMENT MODE

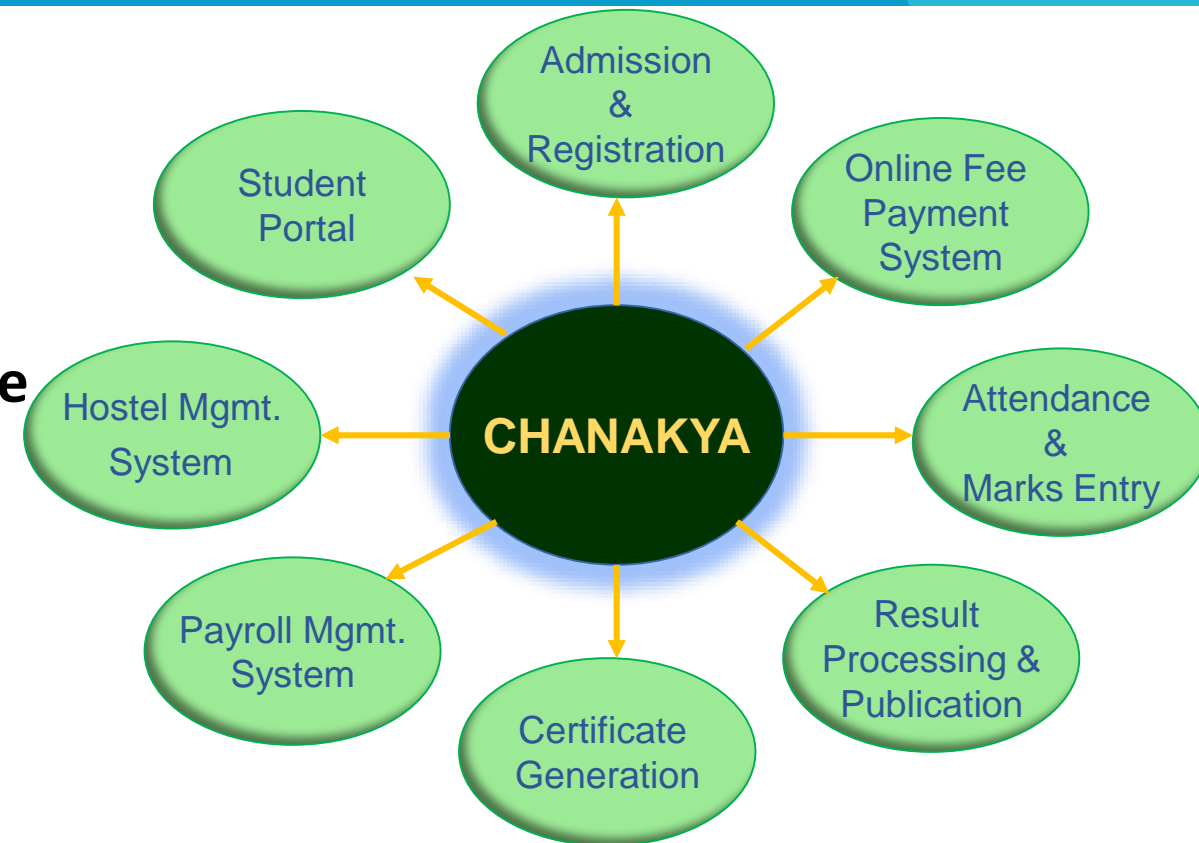
PAYMENT & VOUCHER

- ❖ CREATE VOUCHER FOR PAYMENT & NON PAYMENT MODE.
- ❖ PRINT VOUCHER FOR PAYMENT & NON PAYMENT MODE.
- ❖ PRINT SCROLL FOR PAYMENT & NON PAYMENT MODE.

Chanakya is a web enabled application for computerization of all the pre & post examination activities of universities/institutions along with **Payroll and Pension management, Fee Management & Hostel Management system**

Chanakya project is also under the process of implementation at:

➤ BIT Sindri, Jharkhand and IGIMS, Patna, Bihar
Telephonic discussion held with Patna University and NMCH, Patna for process of implementation of Chanakya software.



Implemented and Running at



NIT
Patna



NIT
Durgapur



BASU
Patna



MMHA & PU
Patna



KSDSU
Darbhanga



NNM
Nalanda



MMBU
Agartala

Online Farm Mechanization Application Software

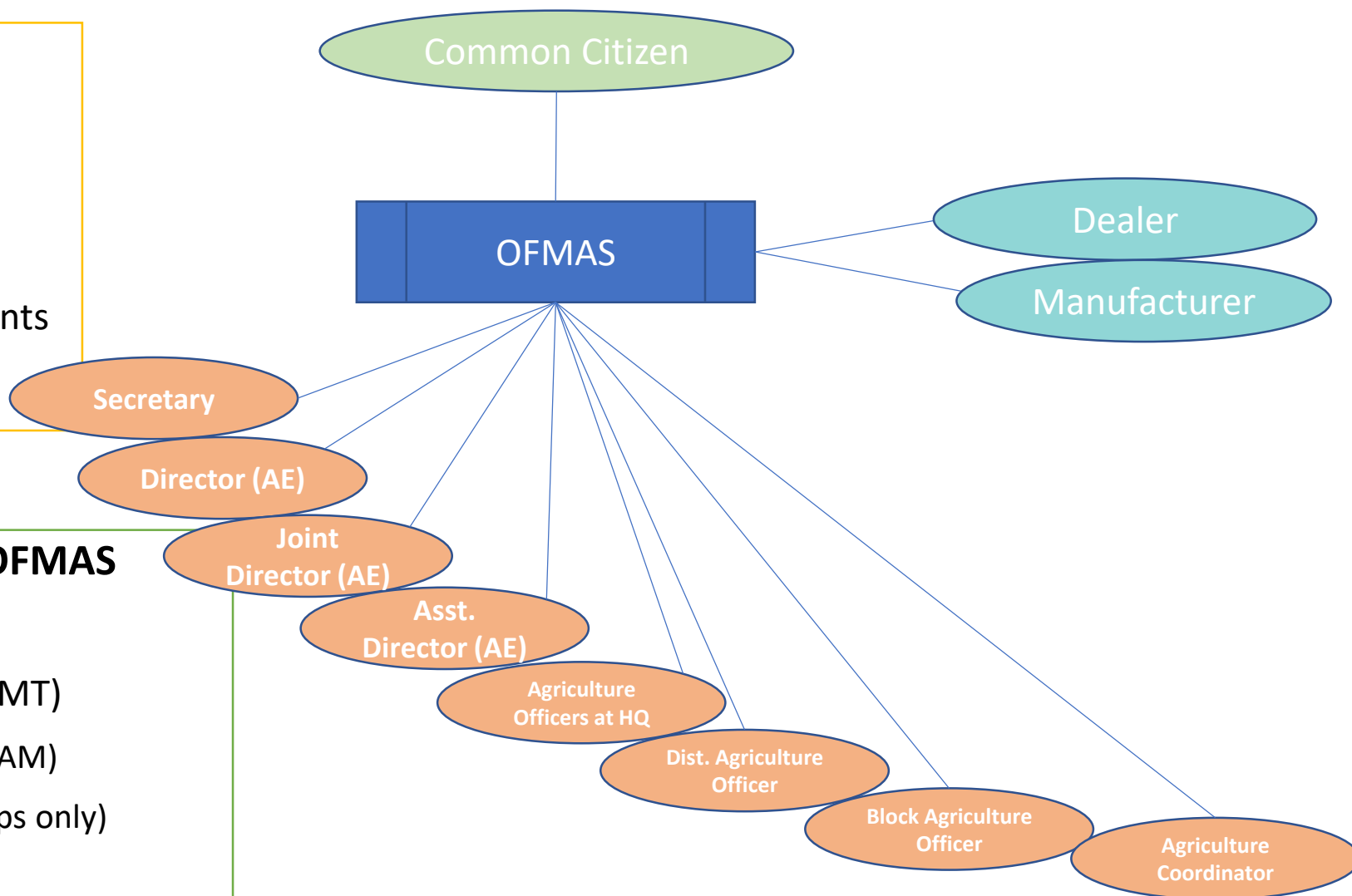
(Solution for Disbursement of Input Subsidy on Farm Machinery)

Key Activities

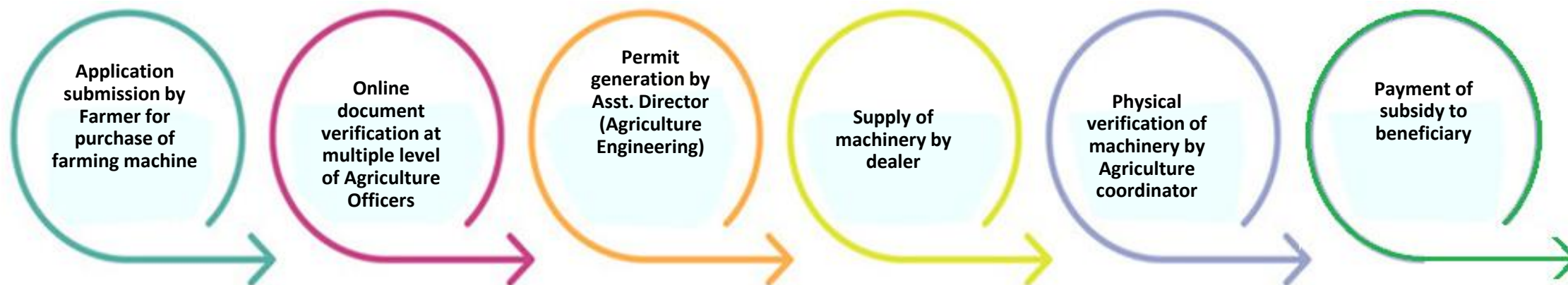
- ✓ Providing Subsidy
- ✓ by Agriculture department
- ✓ to farmers
- ✓ on purchase of approved farm equipments from designated dealers.

Other Scheme Running through OFMAS

- ❖ Krishi Kalyan Abhyan Phase-3 (KKA-3)
- ❖ Agriculture Machinery Training Yojana (AMT)
- ❖ Submission on Agricultural Mechanization (SMAM)
- ❖ SMAM- Special Custom Hiring Center (for groups only)



Online Farm Mechanization Application Software (Solution for Disbursement of Input Subsidy on Farm Machinery)





OFMAS
Online Farm Mechanization Application Software, Solution for Disbursement of Input Subsidy on Farm Machinery

[HOME](#)
[Citizen](#)
[Manufacturer](#)
[Dealer](#)
[JEEVIKA/SOCIETIES/SHG/FIG](#)
[Training](#)
[Farmer Application](#)
[Download](#)
[Contact Us](#)

Important Instructions

नोट-1- कृषि पात्रिकरण राज्य योजना में, बिहार राज्य के कृषि यन्त्र निर्माताओं द्वारा निर्मित सूचीबद्ध यंत्रों पर 10 प्रतिशत अतिरिक्त अनुदान दिया जायेगा।

Important Notification

Agriculture Machinery Training:- Apply date is Opened From :- 01/09/2021 to 15/09/2021

JEEVIKA/SOCIETIES/SHG/FIG :- Registration date is Opened From :- 02/09/2021 to 30/09/2021

JEEVIKA/SOCIETIES/SHG/FIG :- Apply for CHC (KKA 3) date is Opened From :- 02/09/2021 to 30/09/2021

48695

Farmers applied through
OFMAS for purchase of
farm machinery

23707

Permit generated to
purchase of machinery

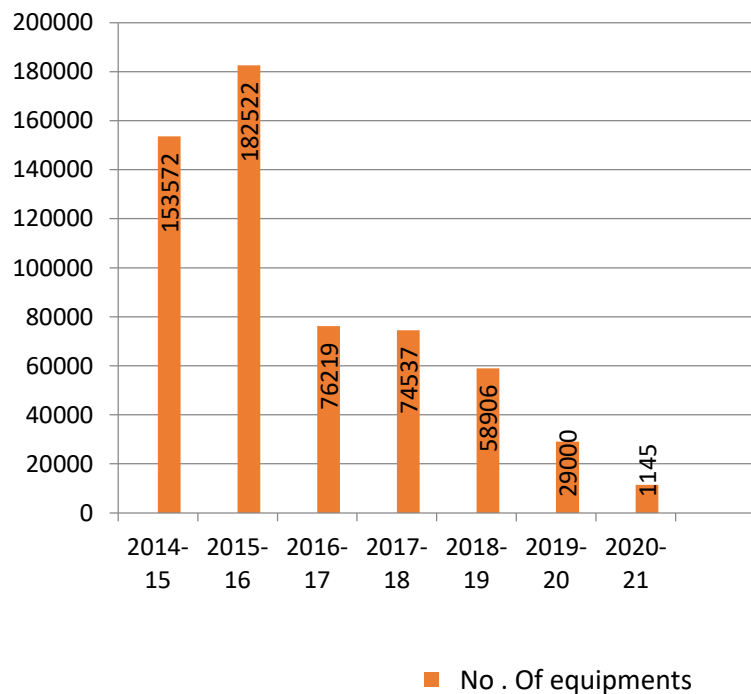
11452

Farm equipments
purchased by farmers
under the scheme

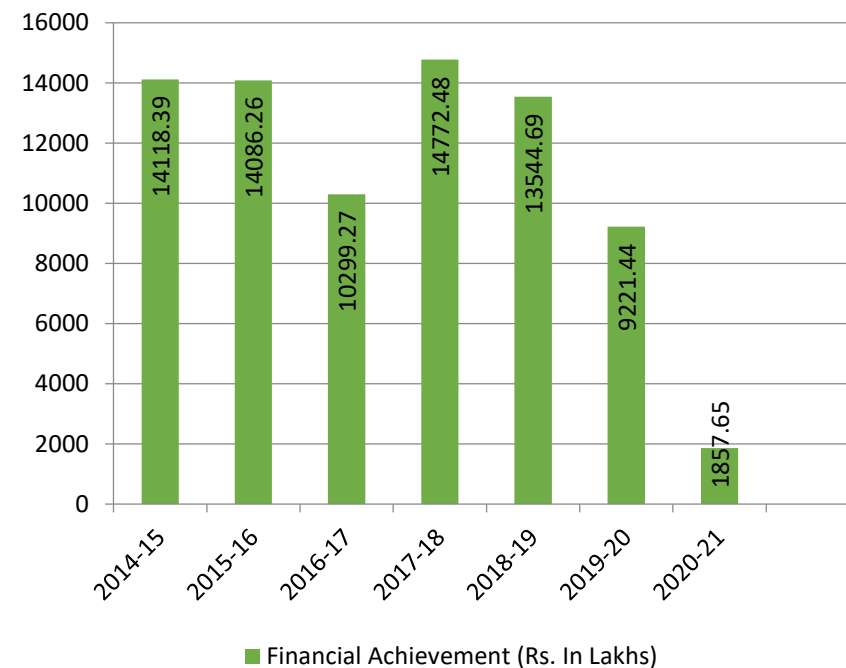
₹ 2445.7 Lakh

Subsidy given to
farmer 2020-21

Financial year-wise Physical Achievement



Financial year-wise Financial Achievements



Transactional status under different schemes through OFMAS (Financial Year 2021-22)

❖ Agriculture Machinery Training Yojana (AMT)

- ✓ Application Received : **1508**
- ✓ Training Approved : **390**

❖ Krishi Kalyan Abhiyan Phase-3 (KKA-3)

- ✓ Application Received : **552**
- ✓ Permit Generated : **319**
- ✓ Subsidy Disbursed: **5**

❖ Submission on Agricultural Mechanization (SMAM)

- ✓ Application Received : **47070**
- ✓ Permit Generated : **18872**
- ✓ Machine supplied by Dealer: **7744**
- ✓ Physical Verification by AC : **6477**
- ✓ Subsidy Disbursed: **580**

❖ SMAM- Special Custom Hiring Center (for groups only)

- ✓ Application Received : **234**
- ✓ Permit Generated : **23**

Financial Target Achieved
₹ 4.18 Crore



बिहार हिन्दू धार्मिक न्यास पर्वद विधि विभाग , बिहार



Key Activities

- ✓ Portal to render a separate website for each registered Mandir / Math / Dharmshala / KabirPanth / etc in the Bihar State
- ✓ Designated web site for each Dharmik Sanstha will show its
images, address, Mahant's details, property details along with encroachment, illegal transfer, etc., and many more.



Status:- Under Development

Providing Support in following Application of Panchayati Raj

National Asset Directory

National Panchayat Portal

Training Management
Portal

Area Profiler

Audit Online

PRIASoft

ActionSoft

Plan Plus

Objective – Tracking Registration of Eligible Couple PW and Children

Key component of RCH

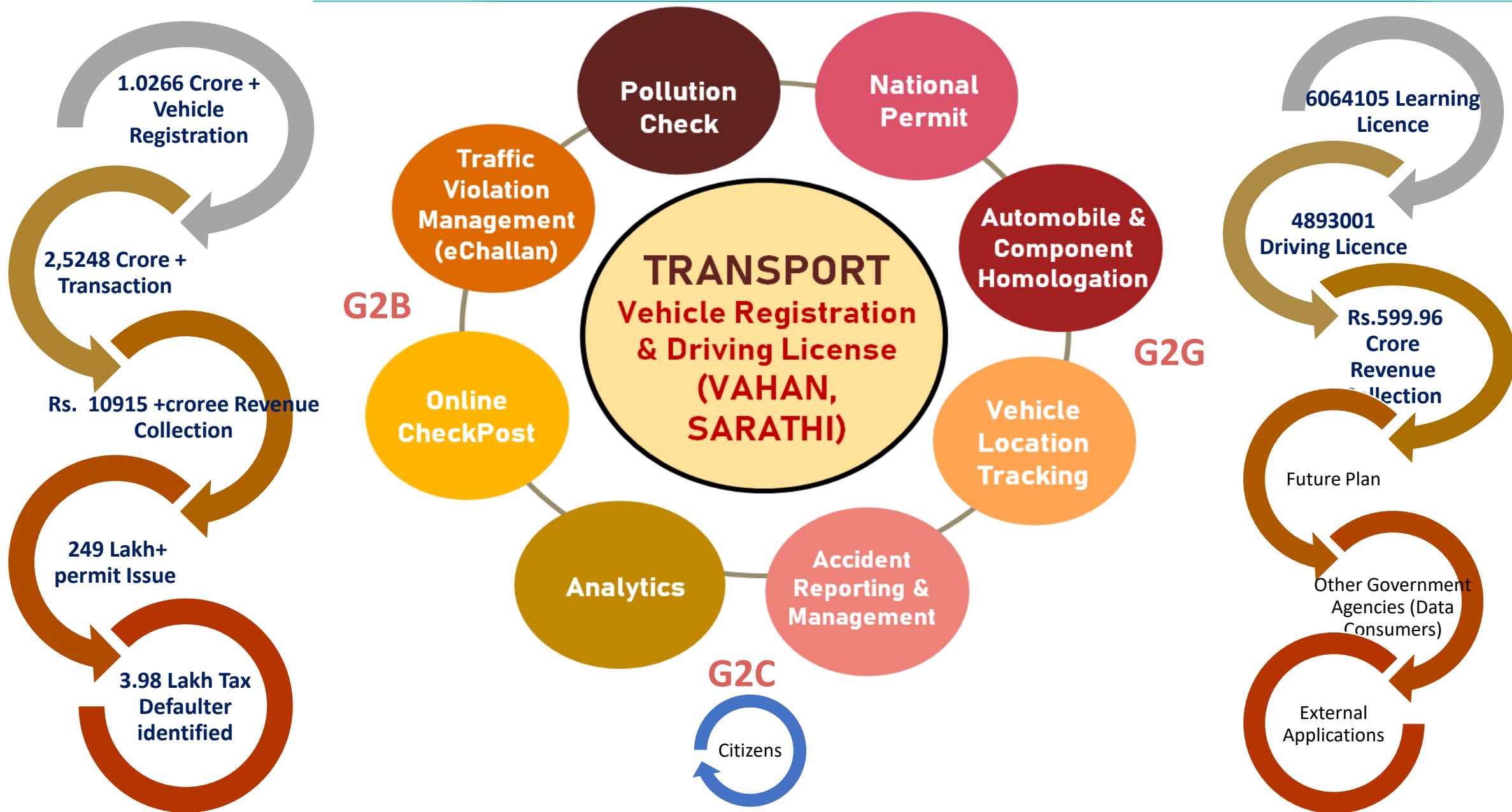
- Due to changing data requirement of National Reproductive and Child Health Program implemented name based Reproductive and Child Health Software and Anmol Mobile App in 534 PHC of Bihar for tracking and registration of eligible couple to know what method they are using for family planning, registration of pregnant women's to timely provide all the services during their 4-ANC period, delivery period and 42-days PNC period, registration of new born children for fully immunization during 0-2 years so the family planning program implement effectively, reduce Maternal Mortality Ratio, Infant Mortality Rate, Total Fertility Rate and implementation of fully immunization of infant (0-11 months) and children (1-2 year)

Key Features of RCH

- Tracking and Registration of Eligible Couple, Pregnant Women's and New born Children
- PHC wise Monthly work-plan generated for taking EC to know what method she is using for family planning PW to provide due ANC services and and new born children to Immunization for 0-2 year
- Anmol Mobile App implemented for more than 4000 ANM for real time registration and provide services for Health Sub Center

Adaption Status

- Eligible couple Registration in Reporting Month **19788**
- Pregnant Women's Registration in Reporting Month **17868**
- Children Registration in Reporting Month **18444**
- Eligible Couple cumulative since implementation - **17057699**
- Pregnant Women's cumulative in FY 2022-23 **17868**
- Children cumulative since implementation 2022-23 **18444**



BIHAR

**30 Lacs +
eChallans**

**Rs. 350 Crores
Penalty Collection**

**2.0 Lacs
Vehicles Impounded/
Released**

**11,000 +
CCTV based noticed
issued**

1

Automatic calculation of penalty amount, based on challan category.

2

Geo-tagging of Challan spot.

3

Multiple challaning modes - PoS, CCTV (RLVD, OSVD, etc.), Laser Speed Gun, Violation Over Camera App, etc.

4

Back-end data is fetched from Vahan/Sarathi, ensuring efficient and error free operation.



**Monitor and
Track Public
Vehicles**



**GPS-based
tracking devices
to be fitted in
Vehicles**



**Provision to
send Panic alert
and activate
Emergency
Response**



**Command
Control Centre
set up
for Monitoring**



KEY HIGHLIGHTS

Integrated Ecosystem

VLTD Manufacturers, Test Agencies, Retro fitment centers (RFCs), State Admins & RTOs



SOS Feature:

Pressing of Panic Button triggers emergency response procedure to support passenger in distress

**Fitting of VLTD Kits
, Uploading of
VLTD data**

**Retro Fitment Centres,
Manufacturers**

**74 Vehicle
Registered
on this portal**

Developed under the guidance of MoRTH to work in the direction of enhancing Road Safety.

Facilitates a Centralized Accident Database for hosting all the accident data, updated/ accessed through customized interfaces for the various actors/ stakeholders

Data Sources

Police Department, Health Department, Transport Department, Highways/ NHA, Citizen

Data Consumers

MoRTH, Police Department, Transport Department, Health Department, Highways, Insurance



iRAD FIELD APP



Work Flow Login Credential based access for State/District/Police Station and Police Officers, as per CCTNS/ CIPRUS



Capturing of GPS Location of accident site



SMS Alert to all Stakeholders



Hosting of WEB Application in Government Data Centre



Compliance of Web Security Guidelines of GoI



Adoption of Open Source RDBMS for storing Data



Integration of iRAD web & mobile apps with external systems like CCTNS, Vahan, Sarathi etc

Alignment Meetings followed by 665 odd Training Programs have been completed in Bihar for the benefit of 4511 members of all the Stake-Holders.

One SRM and 38 DRMs already deployed across Bihar. iRAD Project achieved LIVE status on 13th January, 2022 in Bihar State.

2250+ live accident data has been captured by iRAD application from Bihar with the help of 38 DRMs. Usage is expected to increase with time.

Counseling for different professional Courses running under BCECEB, Bihar
(Choice Filling, Seat Allotment, Document Verification & Admission at PI Centre)

Key Activities

Choice Filling, Seat Matrix Verification, Seat Allotment ,
Result Preparation, Document Verification for different
courses as below:

- Post Graduate Medical Admission Counselling(PGMAC).
- Under Graduate Medical Admission Counseling (UGMAC).
- Under Graduate Engineering Admission Counseling(UGEAC).
- BCECEB Lateral Entry(LE) Engineering.
- DCECE Polytechnic (DCECE(PE)).
- BCECE (Agriculture).
- BCECE(PCM/PCB),(Phy, Chem, Math/Phy,Chem,Bio)
- DCECE(PM/PMM) (Para Medical /Paramedical Metric).
- ITI and DCDCE(LE).

Different Activities

Project Proposal
Preparation.

Choice Filling

SRS Preparation for all
courses

Seat Allotment (1st-3rd
round)

UAT signed by Users

Result preparation,
it's Publication for
downloading.

Seat Matrix
verification

Reporting & Doc.
Verification at PI

Eligible candidate may take admission or
he may opt for up-gradation and opt for
2nd Round Seat Allotment.

❖ UGMAC-(AYUSH) 2021 (Round-1)

- ✓ No. of Institutes: **21**
- ✓ No. of available courses: **3**
- ✓ Candidate Participated: **2042**
- ✓ Average Choice per Candidate: **5**
- ✓ Total Seat Allotted in 1st Round: **814 out of 1121 seats**

State Home Department - Bihar

**Immigration Check Posts
Gaya Airport, Raxaul and Jogbani**

Special Branch - Bihar

**Foreigners Registration Offices (FROs)-
40**



100%
Automation of Visa Services



45 Crores
Immigration Control System
handling Foreigners movement
at Indian ports



30 minutes
Time taken for clearance of
passenger aircraft



1-2 minutes
Average time taken for
passenger clearance at ICPs
reduced to 1-2 minutes

Registration of foreigners and
automated updation of the
particulars at touch points

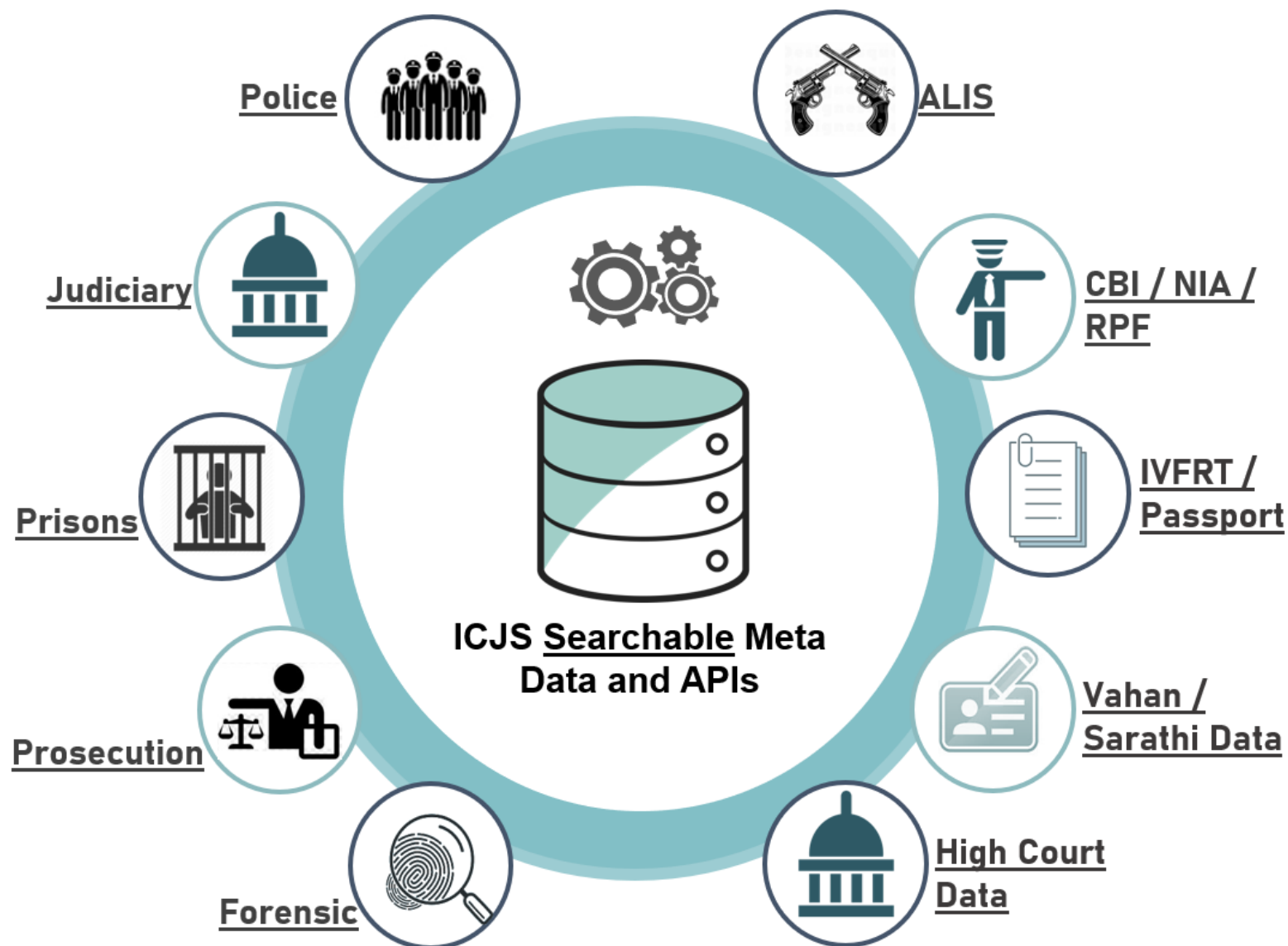
Travellers authentication at various
touch points through intelligent
document scanners and biometrics

Centralized system for sharing
of information across all
concerned stake holders

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

Passenger profiling to identify
risky travellers and generation of
automated alerts

Facilitating traveller by easing
out visa and immigration regime
such as e-visa , e-medical , e-
business etc.



1

One Data Once Entry

2

PAN India Search – Cross Domains

3

Mini Statement of a Case

4

Criminal Network Visualization

5

Antecedent Verification

6

Dashboards for each Domain

7

Monitoring - ITSSO, NDSO & POCSO

Digital life certificate for pensioners

State Govt. of
Bihar
On boarded
(All 75 Treasuries)

I have submitted my
Digital Life
Certificate on Jeevan
Pramaan

Bihar State Power
Holding Company
Limited along with
their 4 subsidiaries
On boarded

Implementation
Support to
Central Govt.
offices of Bihar



Implementation
Support to
offices of Bihar
State Govt.



EPMIS

Election Personnel Management Information System(EPMIS) application is for deployment of Polling Personnel on booth through randomization process during Election.



FORCE DEPLOYMENT

Force Deployment application is for movement and deployment of State Forces(DAP, SAP etc) and Homeguards on booths/booth buildings through randomization process during Election.



VTR & PRAPATRA-17A

This application is used for Scrutiny of polled votes on poll day.



ELE-TRACES

This application(Web App & Mobile App) is used for tracking of Magistrates and Forces movement in Poll day.



E-Counting

This application is for real time votes counting monitoring system.

PACS (Primary Agriculture Cooperative Societies) Bye Election – 2022 is being conducted for different PACS district wise by Bihar State Election Authority, Government of Bihar using EPMIS Election Suit. Required customization has been done in web based Election Personnel Management Information System (EPMIS) under Election Suit as per the required criteria of Bihar State Election Authority, Government of Bihar for polling personnel deployment on booths.

EPMIS

Polling Party Formation

**Patrolling Magistrate
Party Formation**

**Counting Officer Party
Formation**

One Nation One Application

02

No. of
Houses

01

Houses On-
boarded

71

Member
Registered

5 out
of 8

Services
implemented

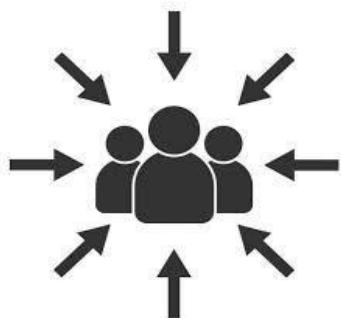
Bihar Legislative Council become the 1st digital house of the country where 199th session has been carried out through National eVidhan Application from 29th Nov. 2021 to 3rd Dec 2021. The inauguration of NEVA has been done by Hon'ble chairman Bihar Legislative Council. Webcasting of inaugural session and 199th session have been done by NIC.

1073+
Notice Received

5.1 K+
Questions

04
Govt.Bill

246+
Papers Laid



Device Neutral
Member centric

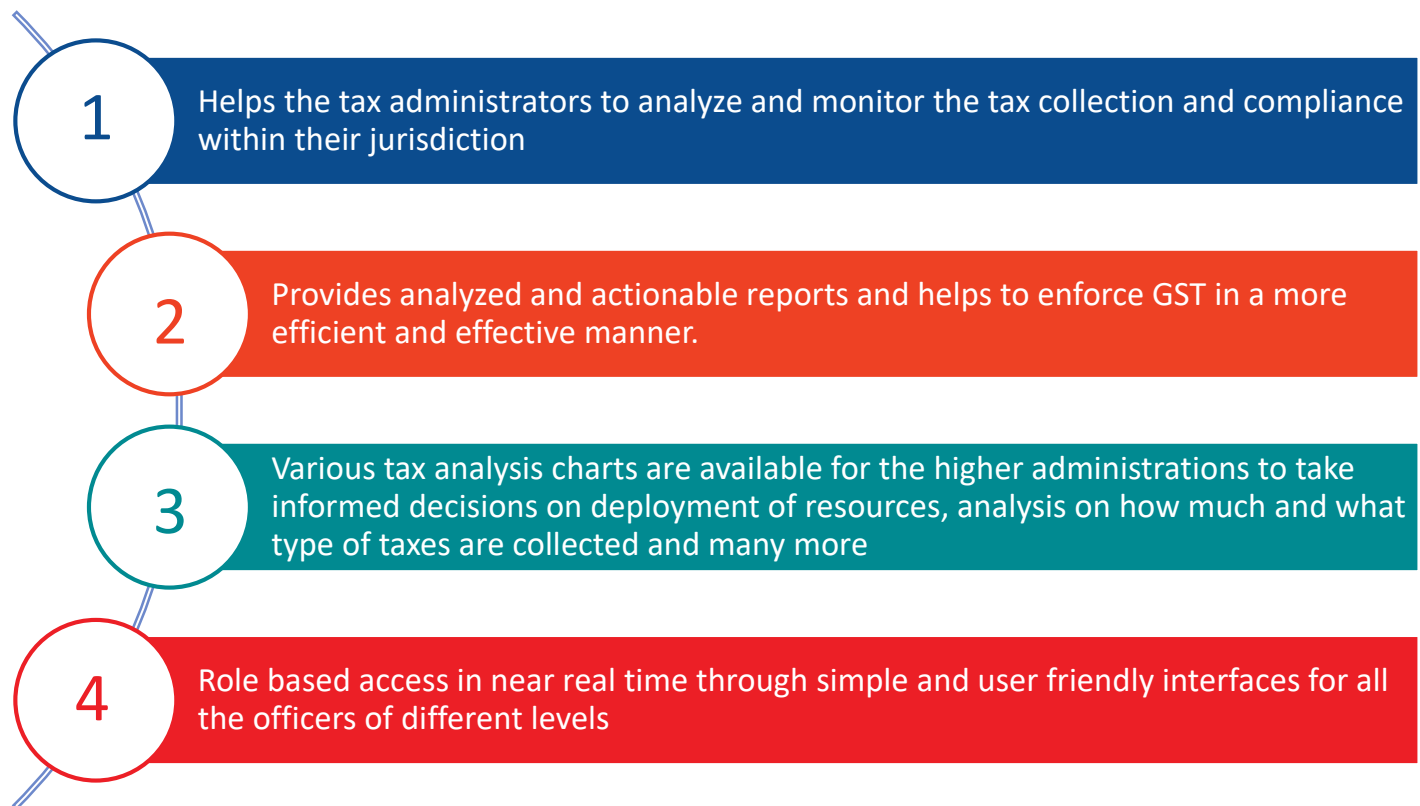
Key Features



Webcasting Facility
for house during
session



An online system for processing of back-end activities related to GST system



Monitors and
Ensures GST
Compliance

Increase in Tax
collection

Detection of Tax
Evasions and
Frauds

Real Time Data
Analytics

Registration
Statistics – 575174

Regular Tax Payer
– 467598

Objective – TrackChild project is to facilitate the matching of 'missing' children being reported at police stations with those 'found' children who are residing in the Child Care Institutions (CCIs).

Key component of TrackChild

- The TrackChild software has been developed for tracking missing children and their ultimate repatriation and rehabilitation. The TrackChild portal is dedicated to the cause of tracking missing and vulnerable children. Trackless children may be reintegrate with their families by active participation of citizens using inform a missing or inform a sighting features.

Key Features of TrackChild

- Child Profile
- Search / Match for missing / found Children
- Check the status of missing or found Child
- Alerts
- Integration between CCI, CWC & Police Department
- Tracking of every child
- Online match of found children with missing children
- MIS Reports

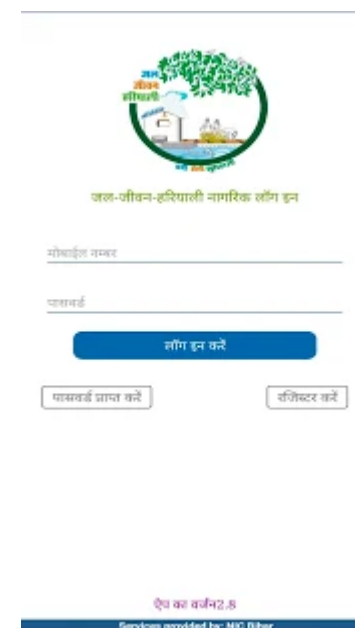
Adaption Status

Children Missing -37
Children Recovered - 0
Matched Out of Missing -0
Still Missing – 37
Match Out of Recover -0
Recovered but Family Untraced -0

Mobile applications for different e-Governance application is being developed and hosted at play store from DGRC, Patna. Some of them are:



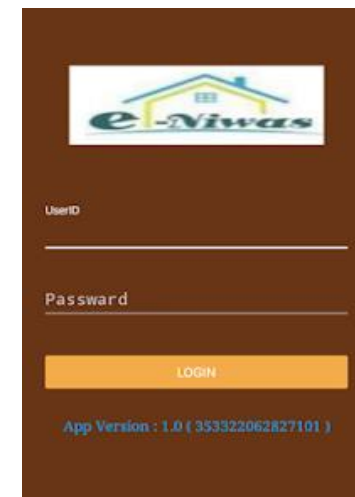
Mobile App	Description	Sectors/Domains
Bharat Ke Veer	App to contribute for Bravehearts who laid down lives in the line of duty.	Home Affairs & Enforcement
Janta Ke Darbar me Mukhyamantri	App has been developed for the CM office, it provides convenient to the applicants who wants to appear in the CM's Janta Darbar with their grievances.	Chief Minister Office
Aangan Bihar	Inspection and Monitoring of Aanganwadi Centres.	Social Development
SBM Urban	Inspection App for Swachh Bharat Mission to help implementation in Bihar.	Social Development
Aangan Sevika	Mobile App to assist Aanganwadi Sevika and Sahayika to capture GPS point of their respective Aanganwadi Center and also to create monthly expenditure vouchers.	Rural
eLabharthi Bihar	Helps beneficiaries being covered under various social security schemes to view their status regarding transfer of benefits	Social Development
ePACS Bihar Grains	Helps PACS/Vyapar Mandals in procurement of Paddy from Farmers to ensure MSP.	Social Development
ePACS Bihar Payment	Used by Co-operative Banks for payment to PACS/VMs based paddy procurement figures.	Rural
Disaster Management	Helps in capturing the damages to households from a Disaster	Rural
e-Chapakal	This app is for monitoring of Chapakal Yojna for each Village of Public Health Engineering Department of Govt. Of Bihar	Rural
ePACSinspection	This app is used for Inspections of PACS by Govt. of Bihar across the state. In this app Inspection details are collected and updated to server....	Rural
e-Peyjal	This app is for pipe water supply monitoring for Public Health Engineering Department of Govt. of Bihar	Rural
LSBM INSPECTION	This application is developed for surveying toilet data to all below poverty line families in rural area of Bihar for building household toilets.	Rural
SBM Jeevika	Application is all about registering all below poverty line families in rural area for proving household toilets.	Rural



Mobile applications for different e-Governance application is being developed and hosted at play store from DGRC, Patna. Some of them are:



Mobile App	Description	Sectors/Domains
BCD	This app is developed for inspection of building under Scheme wise.	Housing
e-Niwas	This app has been developed to inspection of Vacant & allotted flat under e-Niwas with Geo-tag image. Department -Environment & Forest...	Housing
eGoatry	This app is developed for JEEVIKA, Bihar. Through this application we can know the exact number of beneficiaries and outreach of the project.	Rural
Fire Services	This app is used to capture Fire service building and its lat lang.	Rural
e-Anudan Yojana (Kabir Anteyeshti)	In case of death of a member belonging to below poverty line (BPL) family, financial assistance is provided by Social welfare department for...	Rural
Health Facility Locator	The Health Facility Locator app is Geotagged based application for the departmental use. This application is develop for health department to...	Health & Family welfare
Ward Border Mapping	This app is for taking latitude and longitude values of the ward of different Panchayat of each and every Blocks of BIHAR.	Rural
Bihar Swasthya saathi	Health supervisors of each district can update the COVID patient's daily health report through this portal....	Social Development
Krishi Jal	The aim of the project is "Water to every field". A plot wise survey related to presently available irrigation facility will be done to ensure no field will be deprived of irrigation.	Rural
Sharam sadhan	Migrant labours of Bihar can search for jobs in their district as per their skills and qualifications	Social Development
Ele-traces	For tracking the movements of officers carrying EVM at the time of Elections	Election Commission
Ashwin Application	This app is an initiative of health department for the entry and verification of Asha's daily and monthly activity at different levels of users such as Asha, BCM, ANM, HSC, Facilitator, BHM and MOIC etc.	Health & Family welfare
E-Niwas App	E-Niwas app is an initiative of Building construction Department for the new entries and modifications in asset records such as empty quarter, lands etc.	Housing



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