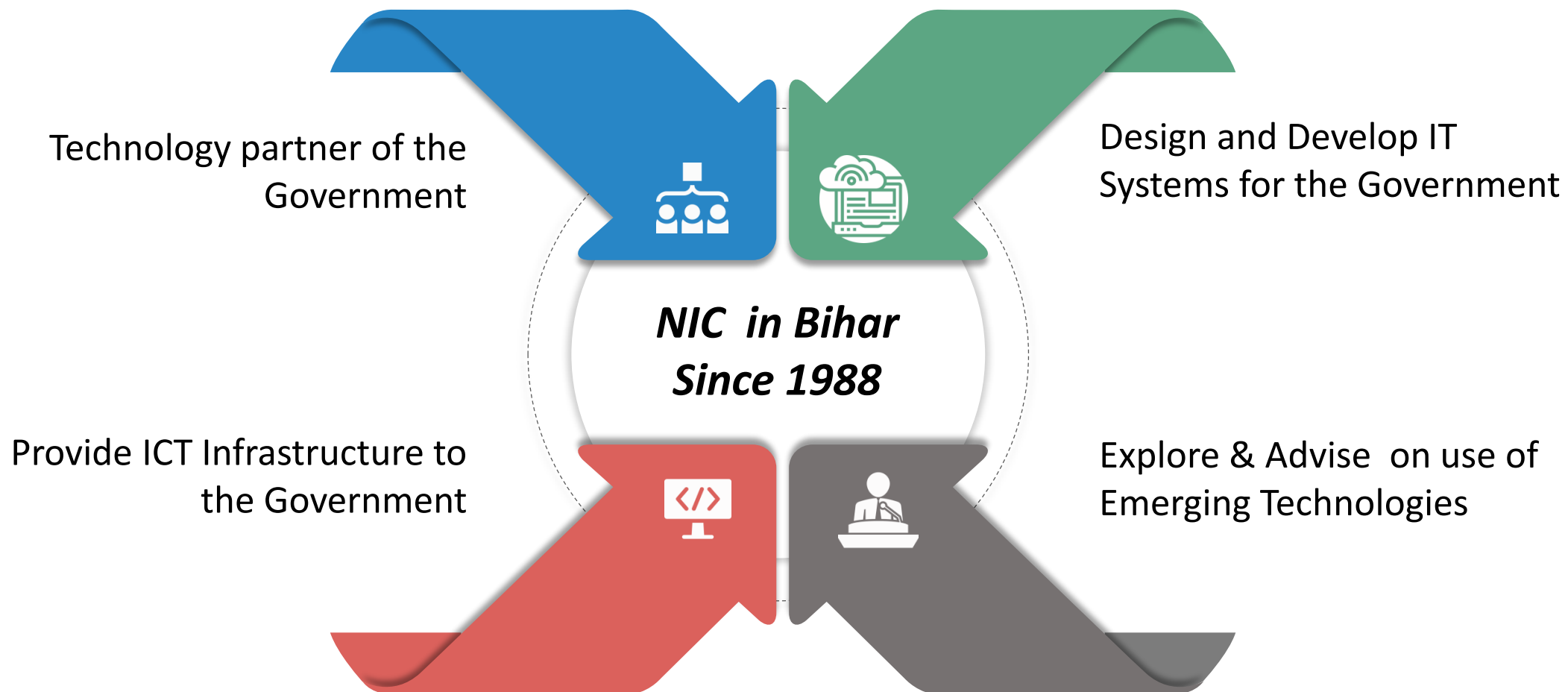


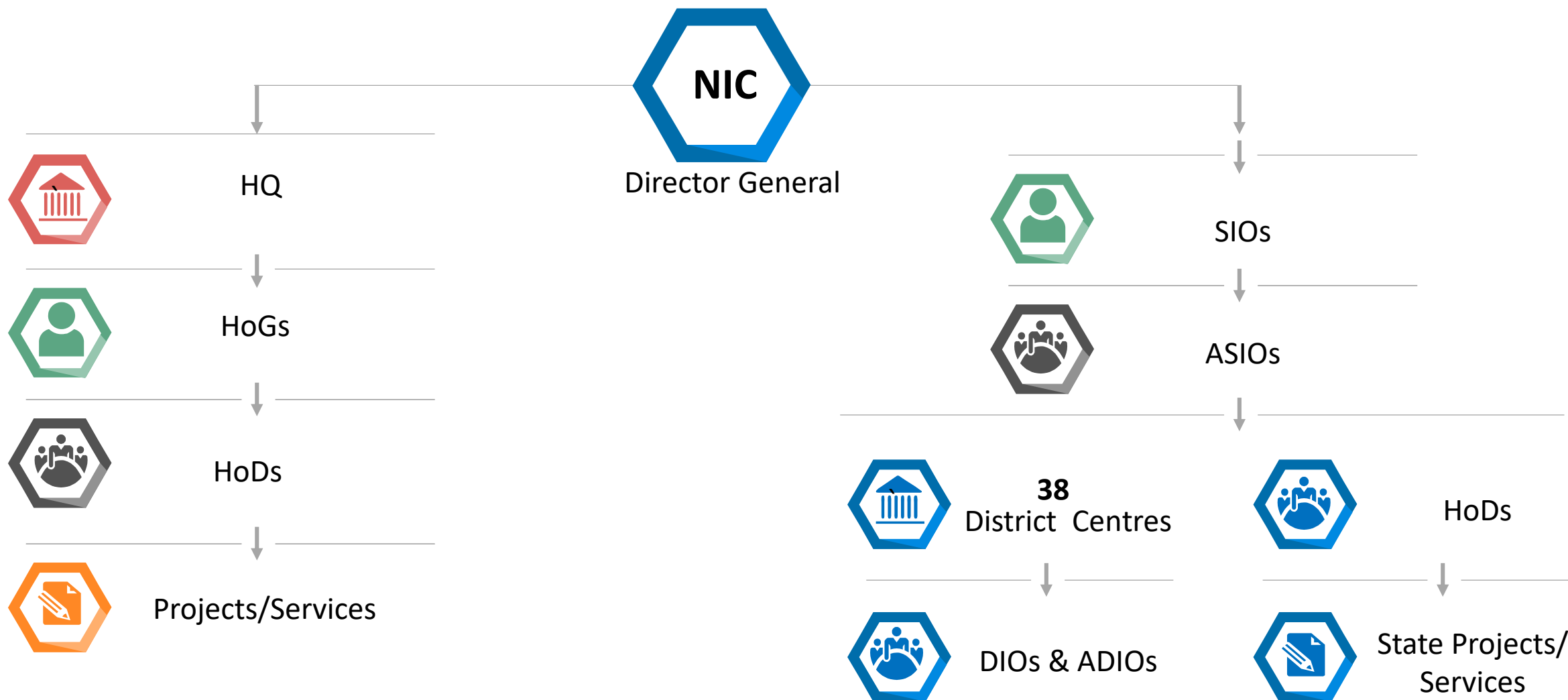
# NATIONAL INFORMATICS CENTRE

## Bihar State Centre

**Ministry of Electronics & Information Technology**  
Government of India

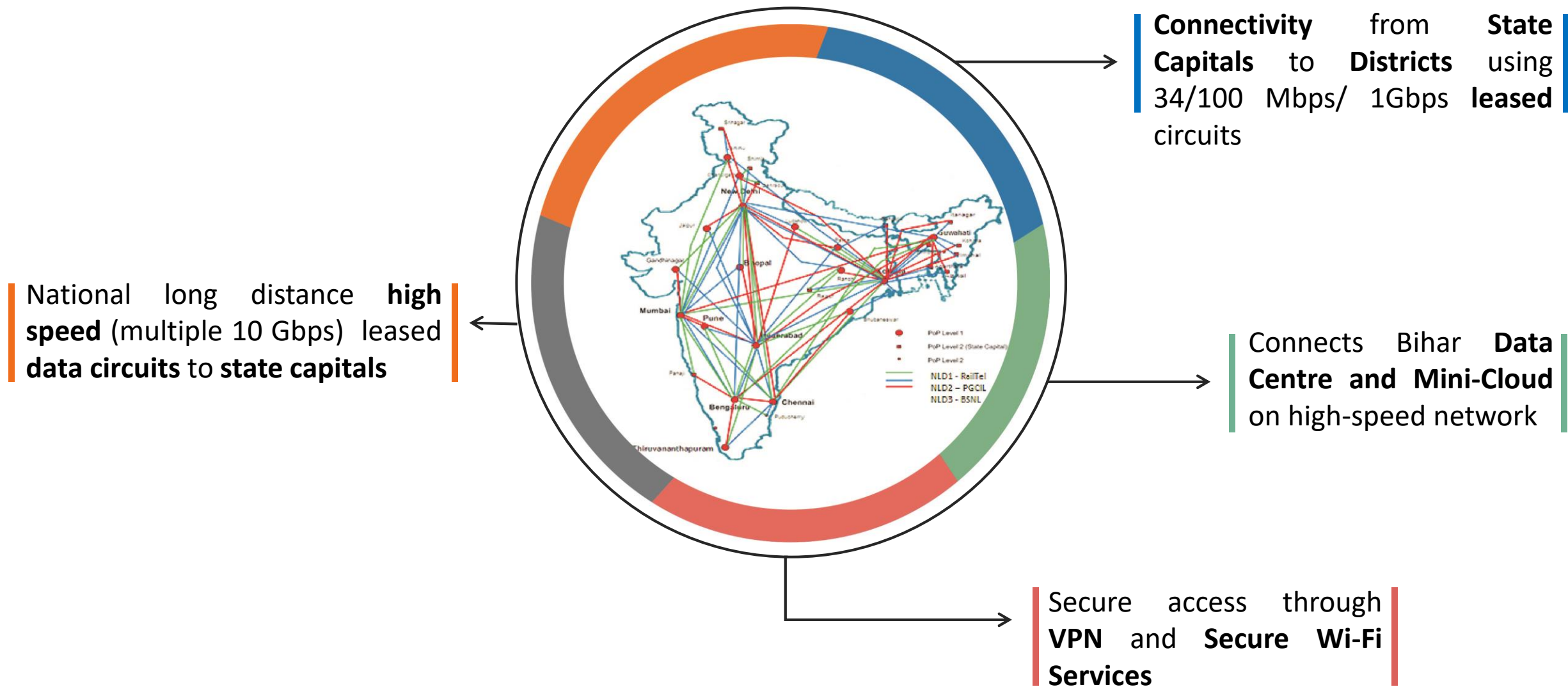
October 2021







# **DIGITAL** Platforms and Products



## NICNET - Network Backbone for Bihar

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

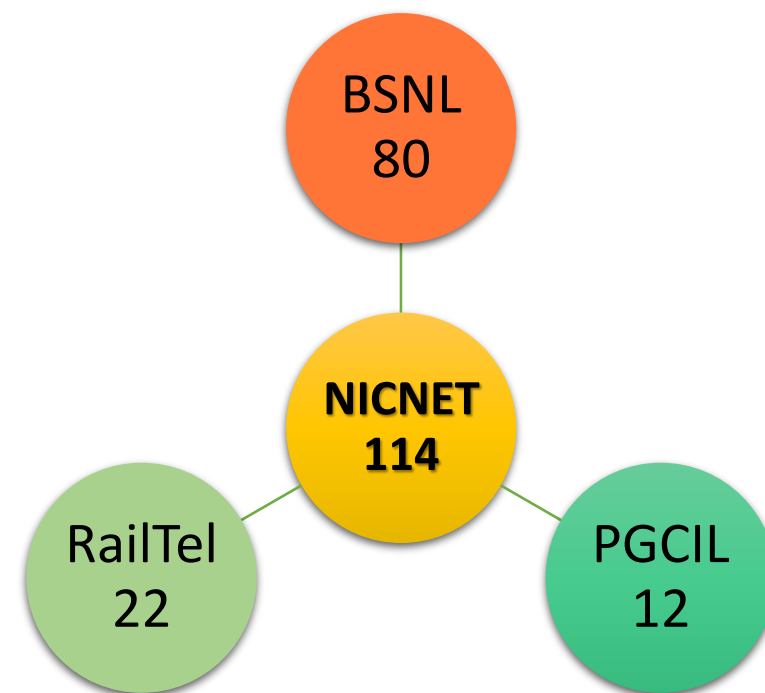
Links provided to the Central Government Offices

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

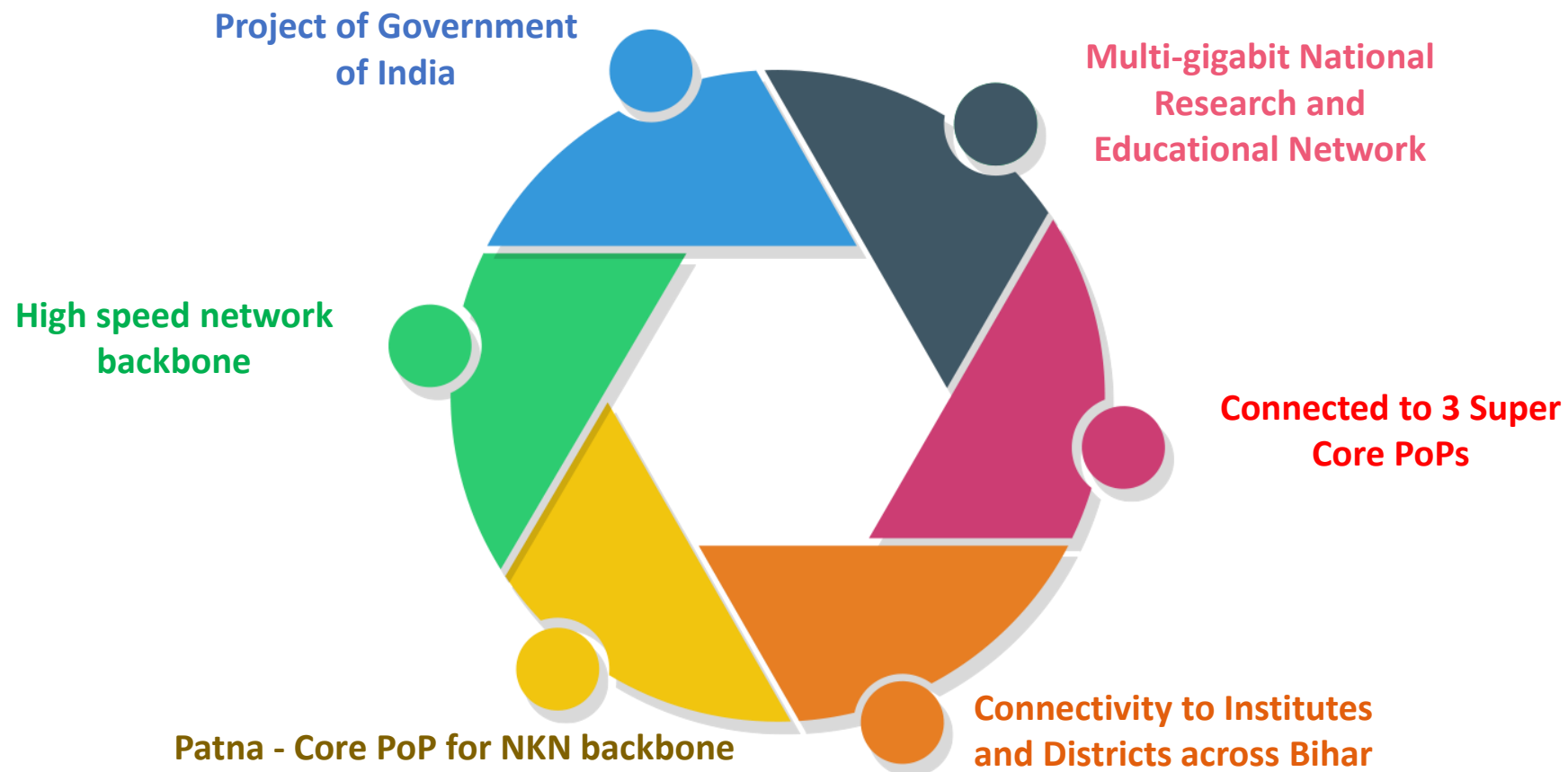


<https://servicedesk.nic.in/>  
**1800 111 555**



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



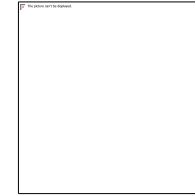
PM chairs 38th PRAGATI Meeting with Chief Secretary of Bihar on 29th September



Hon'ble Minister GOI Shri Giriraj Singh Launch "People's Plan Campaign 2021 from District Unit Begusarai on 30-09-2021

56

VC Studios



240+

VIP VC Sessions  
in 2021

**NIC is offering VC services since 1995**

1769

VC Sessions In  
2021



30581.00

VC Hours  
in 2021

**\*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
- CentOS 7.7
- Ubuntu -18.04

### ■ Application Server –

- IIS 10
- Apache Tomcat 8
- Apache 2.4

### ■ Database Server-

- Postgres 12.4 /13.2
- Microsoft SQL Server 2016

### VM's and other resource allocated

- VM's Created and Allocated– 130
- No. of Cloud Accounts Created – 57
- Load Balancer Created for 12 applications
- Backup Services allocated - 76
- Public IP allocated to Cloud Users -55

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

**Storage Capacity -  
429.36 TB**

**Memory Capacity –  
6.00 TB**

**Cluster - Windows &  
Linux**

**Services - PaaS & IaaS**

**Network Speed -  
10/25/40G**

## Applications Hosted (57 No's) :-

- Aapda Sampoorti
- 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
- Jitsi VC
- 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)
- ELECBR(Election Commission of Bihar)
- CGHSBR(Central Govt. Health Scheme Bihar)
- 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
- District Health Society Nalanda
- 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
- Central Board of Excise and Customs (CBEC), CGST Ranchi Zone, Patna.
- Central Excise, Patna
- State Board of Technical Education, Education Department, Bihar
- State Consumer Disputes Redressal Commission (SCDRC), Bihar
- EleTraces Application
- GIS Services
- Post Matric Scholarship, Bihar
- Divisional Commissioner, Saharsa
- Divisional Commissioner, Patna - ECIS



## 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 16200 email accounts have been created and managed for 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

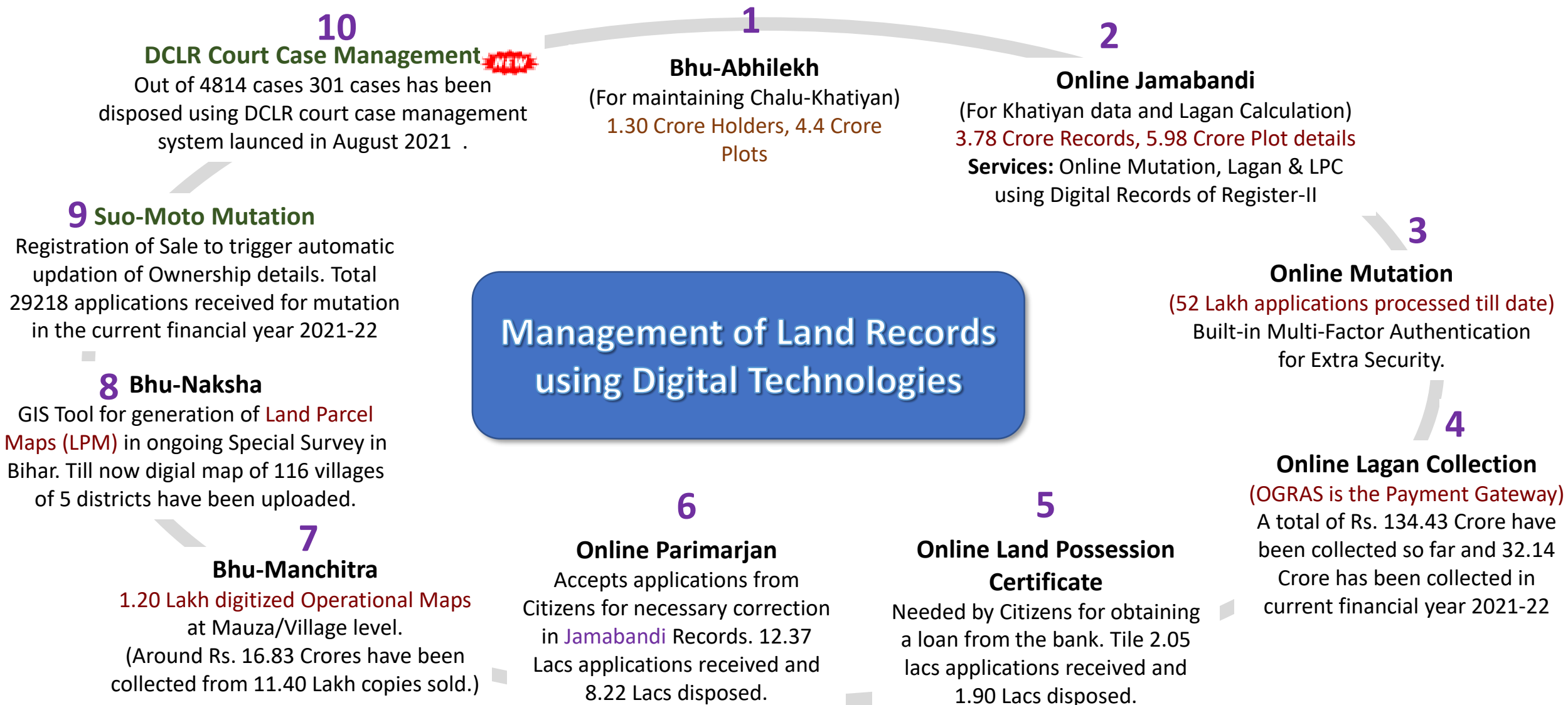
<https://servicedesk.nic.in> portal implemented for the issue related to email





# 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**

## 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.

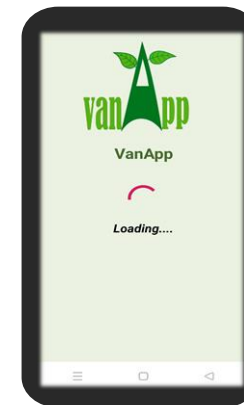
### Scope of Implementation :

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





## Mobile Apps



### Key Features

- ✓ Supports “Mission 5 crore Plantation for the year 2021 Site Registration, Plant Request & Plant Distribution Under the Jal-Jeevan-Hariyali Campaign of Govt. of Bihar
- ✓ User friendly interface for public as well as govt. officials
- ✓ Real-time information of availability of species of plants
- ✓ Role Based Monitoring
- ✓ Available on Google Play Store

### Key Statistics

- ✓ Total Registration – 16046
- ✓ Total Plant Requested – 16467983, Plant Distributed – 7065829
- ✓ 10 K+ downloads

### Key Features

- ✓ Real-time Monitoring of Forestry activities has helped to increase transparency
- ✓ Integrated platform for accessing various services of the department through a singleton app
- ✓ GIS integration provides geographical representation of schemes/activities/administrative boundaries on App
- ✓ Different types of reports can be viewed on a single click in Van App

### Key Statistics

- ✓ Registered Plantation Scheme-2278
- ✓ Registered Nursery Scheme-296
- ✓ Registered Others Scheme-258



## Digital Library



### Login

User Name

Password

☐ Remember me ?

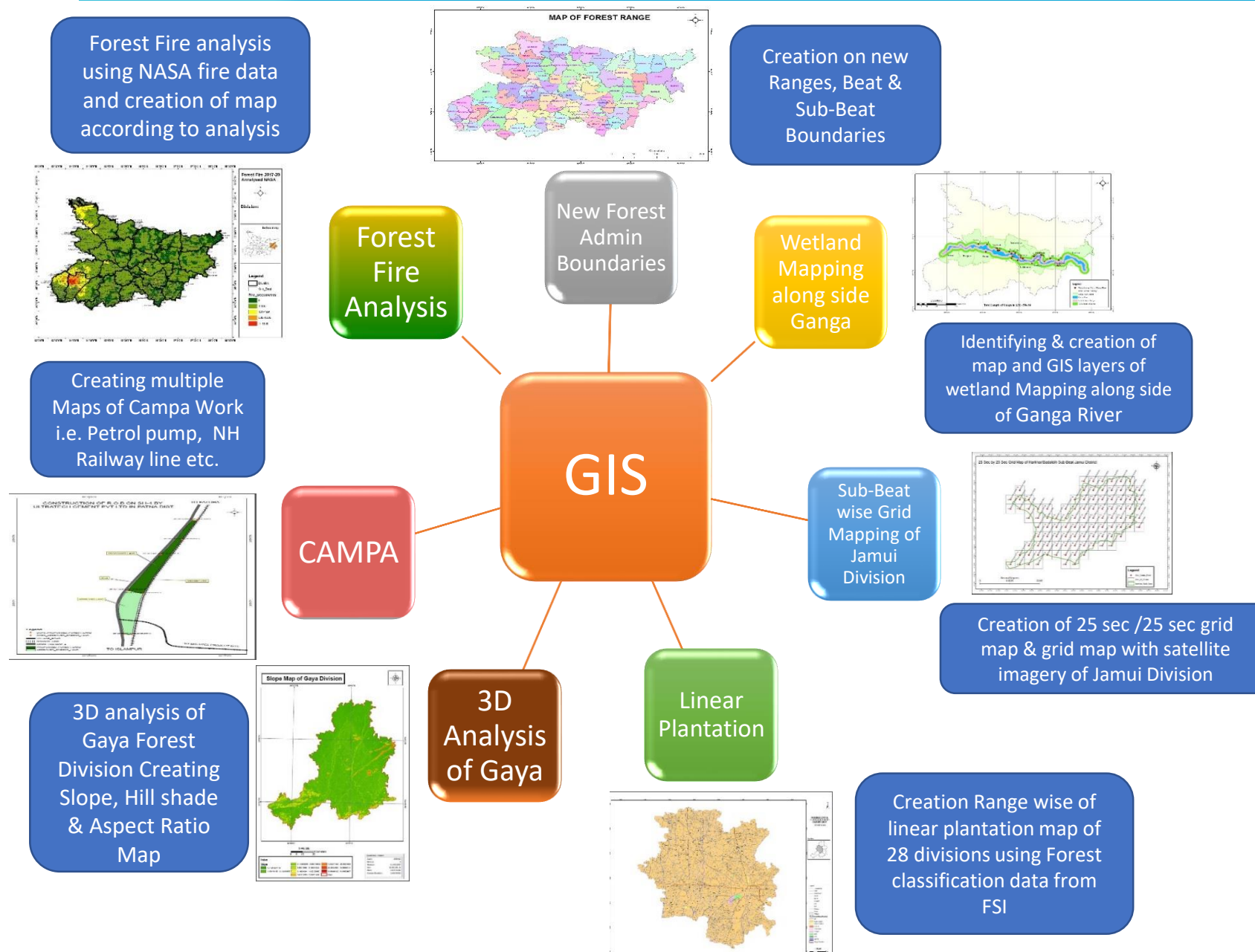
Login

### Key Features :

- ✓ To store all the legacy data of the department as well as share it digitally.
- ✓ Role Based Access & Maintenance.
- ✓ User friendly interface for uploading files and folders.

### Key Statistics :

- ✓ Total No. of Stored files – 1667
- ✓ HARIYALI-MISSION-60, DFO-3, CCF(IT)-1580
- ✓ Total No. of Publicity-60, Forestry-10, Map-1559, Others-38



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

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

- Video Conference Support is provided.
- Training for application running at Raj Bhavan , Patna to Users.
- Technical Support for applications.
- Customization/Modification of applications.
- Monitoring of Applications.

## Applications

Raj Bhavan Website

Document  
Distribution System

Garden Event Pass  
Management System

eOffice

Reporting System  
for Universities

VC & Pro VC  
Recruitment Portal

Pay Roll System

Reporting System  
for Universities

University Law  
Search Portal



## Our Key Services

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

Court through VC  
&  
Studio Based VC

e-filing ,  
ePayment &  
Challan  
Defacement

Development of  
Periphery  
Modules &  
CIS Log Reader

SMS, email  
services &  
Real time data  
replication to  
NJDG

Website  
Development,  
ICT  
Support, Training  
& Report  
Compilation.

Comprehensive  
Report  
Management &  
Record Room  
File  
Management

Computerization of Courts of

Board of Revenue  
State Appellate Authority Education Department  
Real Estate Appellate Tribunal (REAT)  
Divisional Commissioner  
District Collector-cum-District Magistrate.

## Services provided to

1

Patna High  
Court

1

Legal Services  
(Lok Adalat)

79

37 Districts & 42  
Sub-Divisional  
Courts

5

Courts of Gov.  
Of Bihar  
Departments

## Statistics

- No. of Cases available - 2347601+
- Disposed Cases - 2101046+
- Pending Cases - 226762+
- E-Filed Cases - 113804+
- Reg. Adv. on e-filing portal - 3284+
- Challan Defaced - 829+
- Judgment uploaded - 1147342+
- Advocate on Record - 5616+

Court  
Complexes  
**90**

Court  
Establishment  
**224**

No. of  
Courts  
**1352**



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

## IMPLEMENTATION

**14 Services**

ebihPAR

**3600 Officers**

ebihPAR

**3 Bhawans**

eBhawan

**2674 users and  
8255 applications**

eBhawan

**54 Departments**

**38 Districts**

CPGRAM-Bihar

**86 Companies  
Registered**

eNBFC

**3 VC Studios**

Video Conferencing

## Applications and ICT Services

ebihPAR (Bihar Sparrow)

CPGRAM-Bihar

eBhawan

Video Conferencing

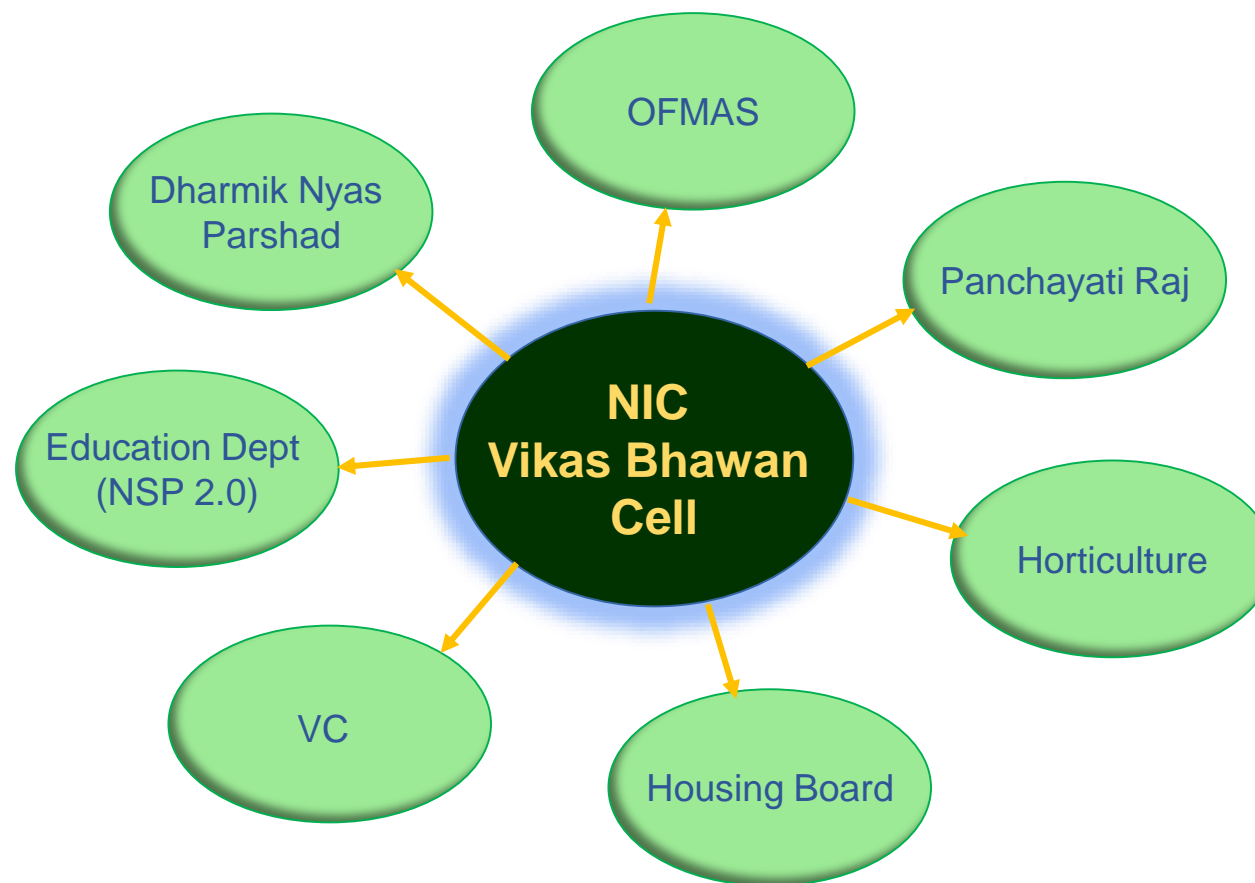
eVikas

20 CSMI Bihar

eNBFC

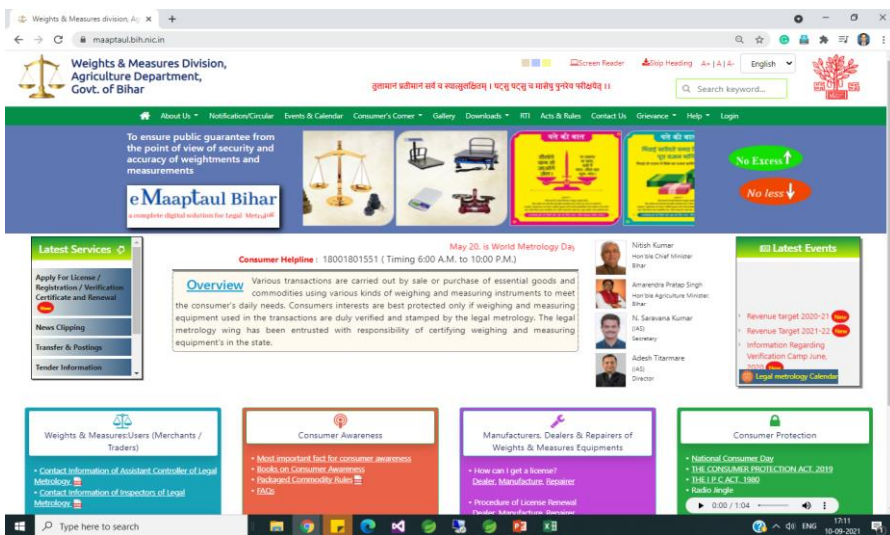
eSamiksha

## Project and Support extended through NIC Vikas Bhawan Cell





- Mobile App for Traders
- Payment through online OGRAS portal
- Digitally-Signed Certificate
- Grievance redressal system



Web portal (<https://maaptaul.bih.nic.in>)

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

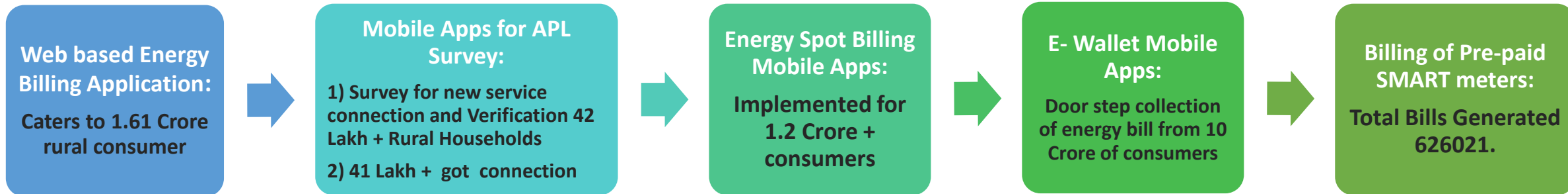
Renewal Of Licence Of Dealer of Weights and Measures Instruments.

7

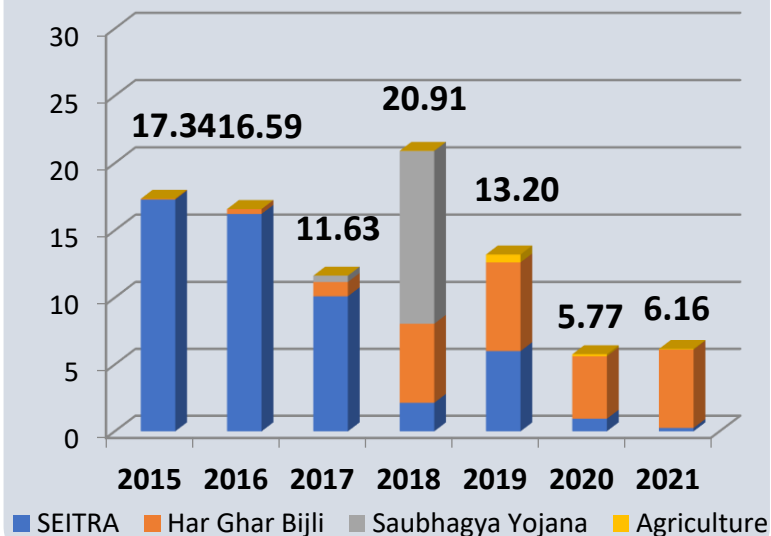
Renewal Of Licence Of Repairer of Weights and Measures Instruments.

8

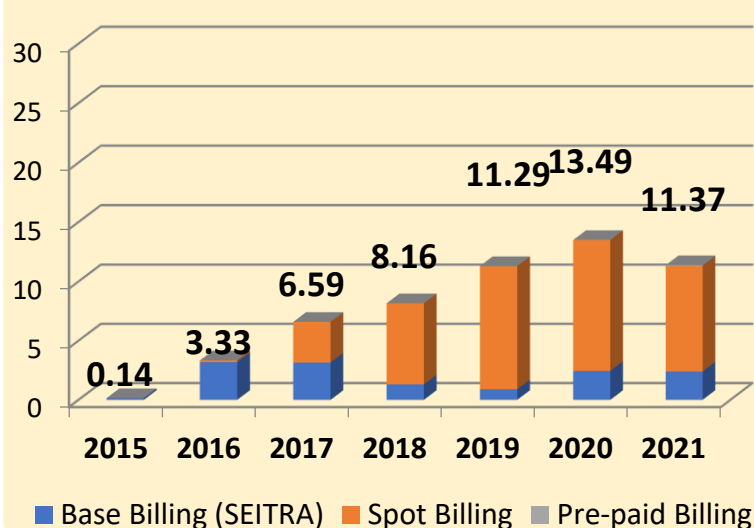
Registration of Manufacturer / Importer of Package Commodities



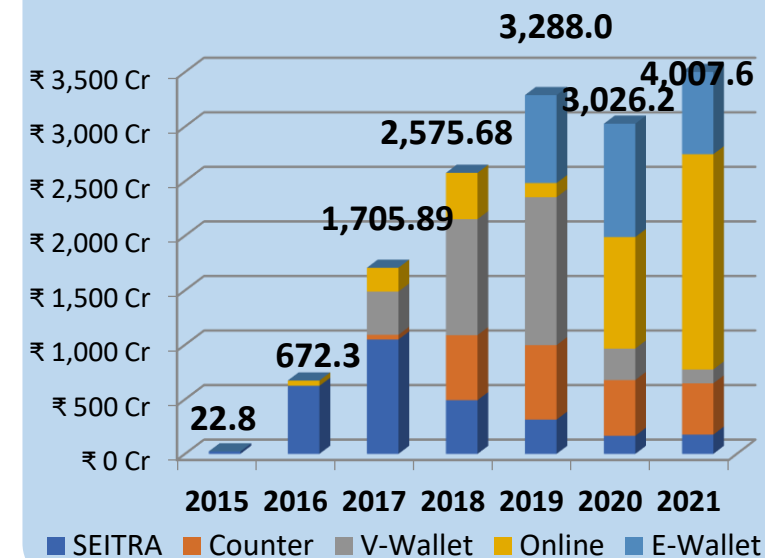
## New Connection (in Lakh)



## Bill Generation (in Crore)



## Revenue Collection (in Crore)



## 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



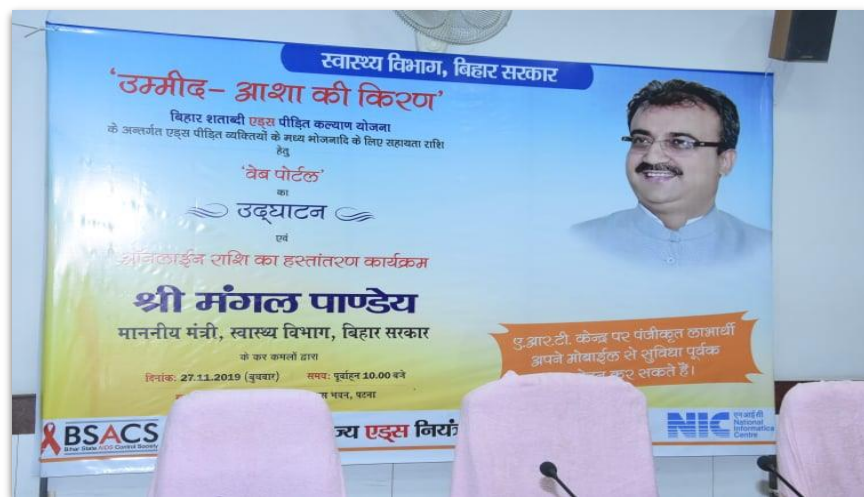


## Umeed Asha Ki Kiran – Bihar State Aids Control Society

- **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



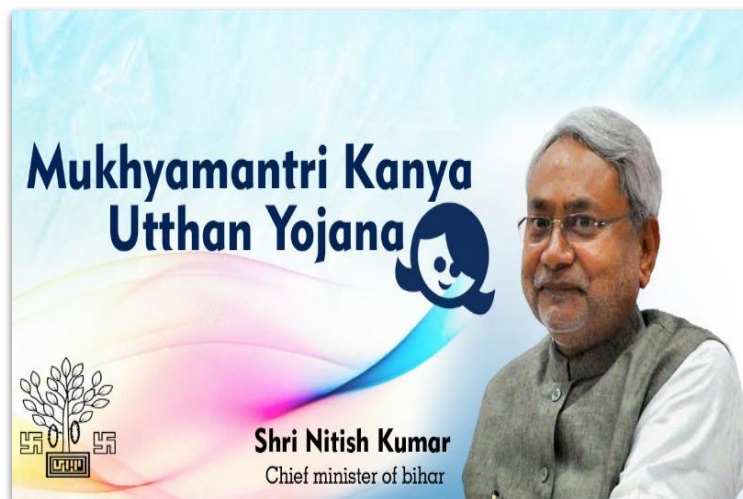
## MedhaSoft – Education Department

- 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 <sup>rd</sup> to 5 <sup>th</sup> std	Rs. 700
6	Between 6 <sup>th</sup> to 8 <sup>th</sup> std	Rs. 1000
7	Between 9 <sup>th</sup> to 12th	Rs. 1500
8	On Passing 10 <sup>th</sup>	Rs. 10000
9	On Passing 12th	Rs. 10000
10	After completion of graduation	Rs. 25000

## Aapda Sampoorti – Disaster Management Department

- The objective of the **Aapda Sampoorthi** 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 25<sup>th</sup> 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.



## Digital Innovation in Correctional Homes

08

Central Jails

33

District Jails

59

Prisons  
On-boarded

65.9  
K+

Inmates Inside

Bihar was 2<sup>nd</sup> in India in terms of total virtual visits with 27251 in the year 2020 after Rajasthan and at present it is on top with 151130 virtual visits till now in year 2021.

14 K+

Prisoner Admission  
In Oct '2021

23.1 K+

eMulakat  
(Virtual Visit)  
In Oct' 2021



**Role based  
Dashboards**

**Key Features**



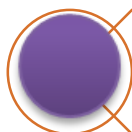



**Video Conferencing  
Facility for Courts  
and Family**



## Home Guard

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

### Roster Registration & Alerts

-  Missed Call: 01122901702
-  Online with OTP
-  Roster Registration Conformation through SMS on Home Guard Mobile.
-  Roster Current Position Status for Home guard.

### Type of Kamaan & Generation



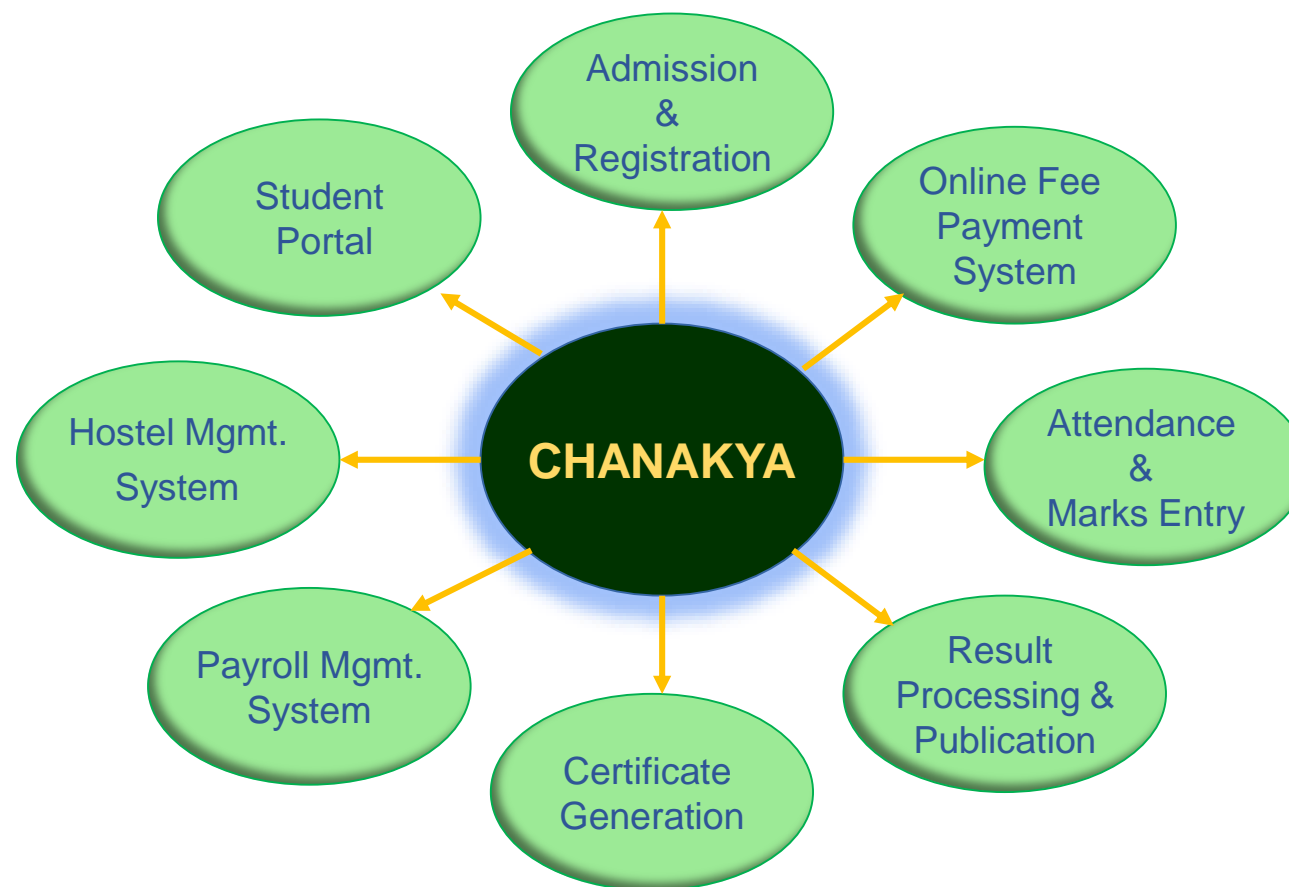
### ATTENDANCE

- ❖ 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 management & Hostel Management system.**



Chanakya has been implemented at:



NIT  
Patna



NIT  
Durgapur



BASU  
Patna



MMHA & PU  
Patna



KSDSU  
Darbhanga



NNM  
Nalanda



MMBU  
Agartala

Chanakya project is also under the  
process of implementation at:

- IGIMS, Patna
- BIT Sindri, Jharkhand

## Online Farm Mechanization Application Software

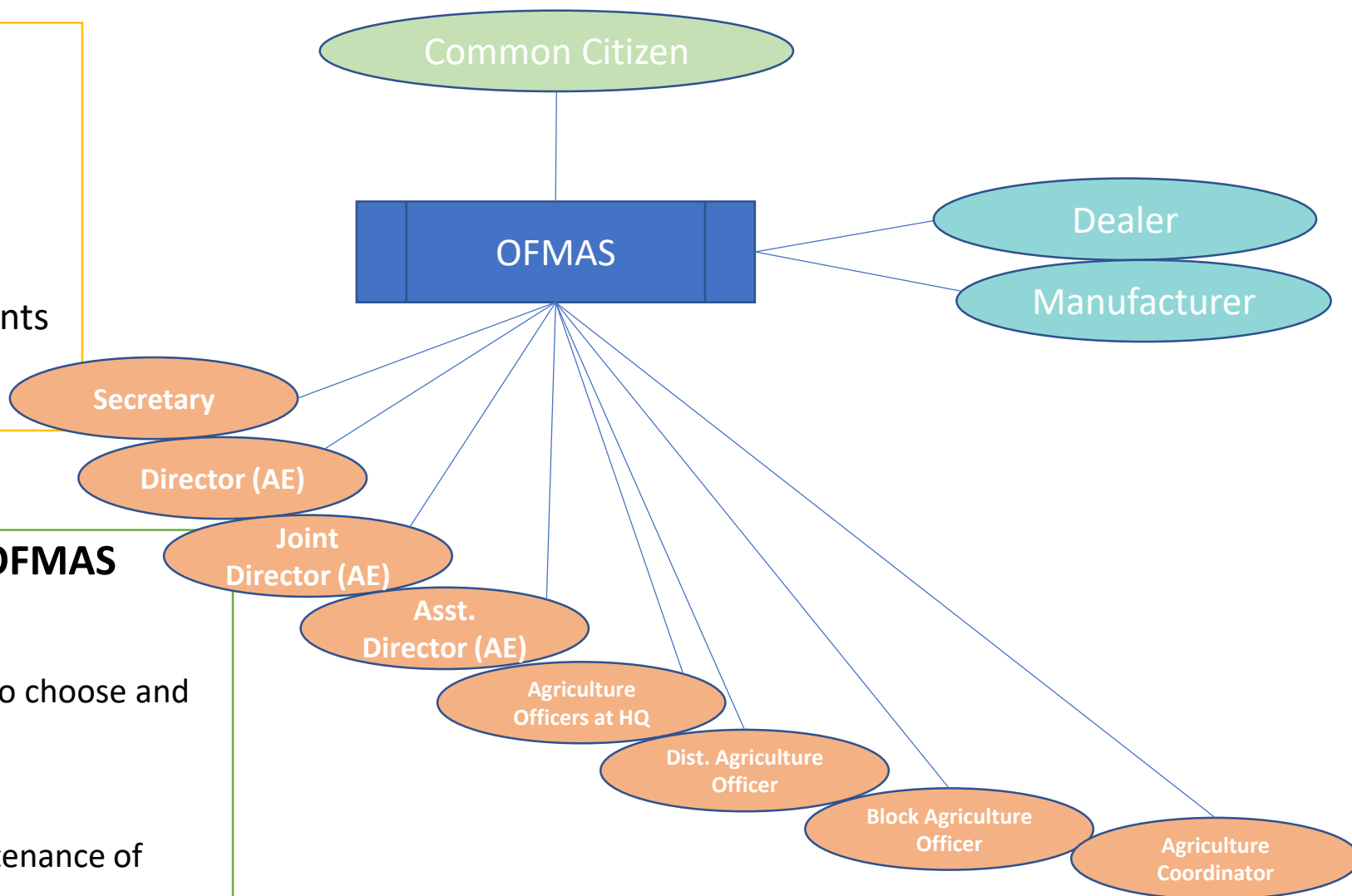
(Solution for Disbursement of Input Subsidy on Farm Machinery)

### Key Activities

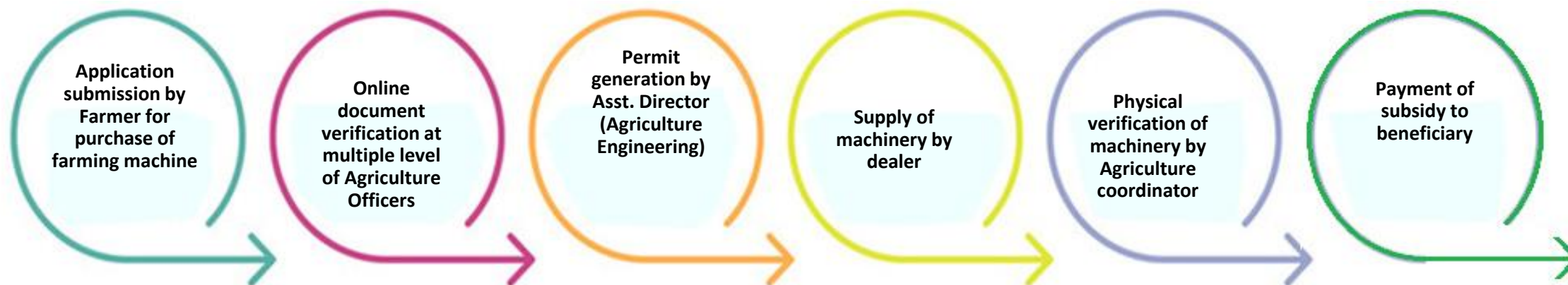
- ✓ Providing Subsidy
- ✓ by Agriculture department
- ✓ to farmers
- ✓ on purchase of approved farm equipments from designated dealers.

### Other Scheme Running through OFMAS

- ❖ Krishi Kalyan Yojana
  - enables the Farmer groups /Jeevika etc. to choose and apply for farm machinery
- ❖ Agriculture Machinery Training Yojana
  - apply for training on operation and maintenance of farm machineries.



## 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 यांत्रिकरण राज्य योजना में, बिहार राज्य के कृषि यन्त्र निर्माताओं द्वारा निर्मित सूचीबद्ध यंत्रों पर 10 प्रतिशत अतिरिक्त अनुदान दिया जायेगा।

### Important Notification

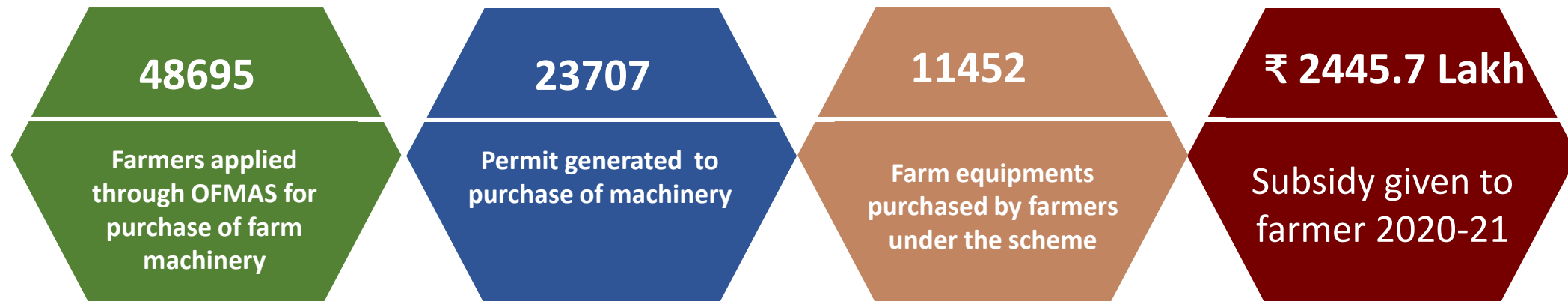
**Agriculture Machinery Training:-** Apply date is Opened From :- 01/09/2021 to 15/09/2021

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

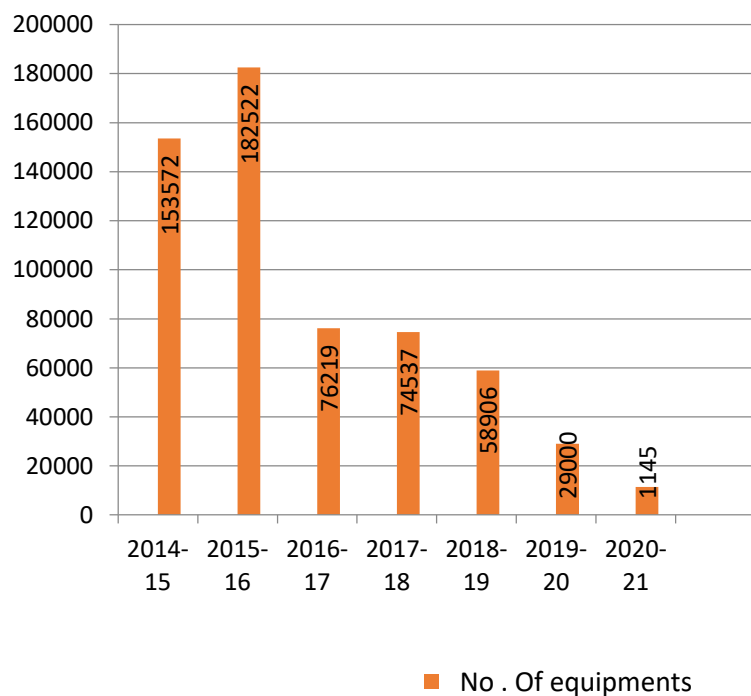
**JEEVIKA/SOCIETIES/SHG/FIG :-** Apply for CHC (KKA 3) date is Opened From :- 02/09/2021 to 30/09/2021



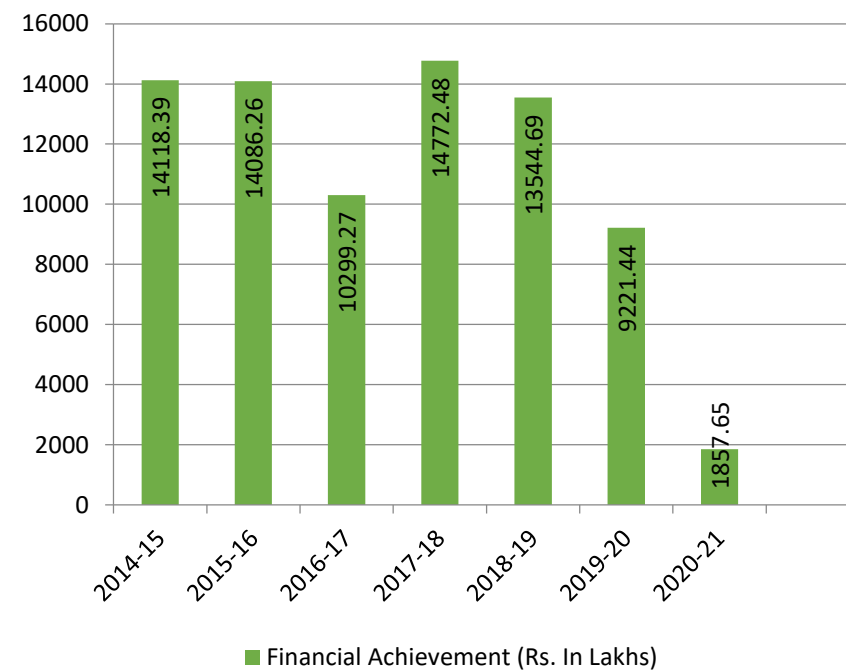
## Transactions in last financial year ( 2020-21)



**Financial year-wise Physical Achievement**



**Financial year-wise Financial Achievements**



## “Krishi Kalyan Yojana”

Description:- This scheme enables the Farmer groups /Jeevika etc. to choose and apply for farm machinery from a list of mandatory equipments along with equipments from another list of optional machinery on which applicant receive subsidy.

No. of District Covered under this Yojana	13
No. of Framers group/ Jeevika/etc. registered	362
No. of Application received	290

## “Agriculture Machinery Training Yojana”

Description:- This scheme enables the Farmer to apply for training on operation and maintenance of farm machinerries.

No. of District Covered under this Yojana	3
No. of Application received	1006
Undergoing Training	150



## 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.



## 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

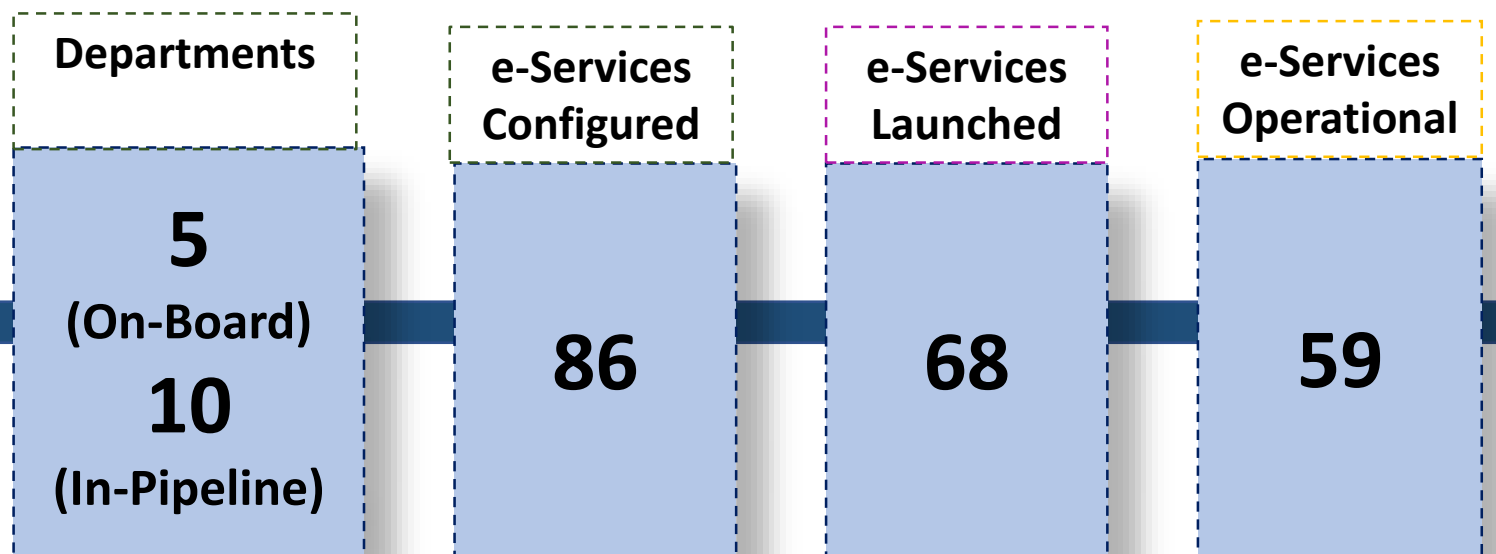
### Adaption Status

- Eligible couple Registration in Reporting Month **4302**
- Pregnant Women's Registration in Reporting Month **3631**
- Children Registration in Reporting Month **2580**
- Eligible Couple cumulative since implementation -**16478825**
- Pregnant Women's cumulative in FY 2021-22 **33561**
- Children cumulative since implementation 2021-22 **30129**

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



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



**Facilitates**



Central Government



State Government



Local Government

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



Total Applied

2,64,99,144

Total  
Delivered

2,15,23,317

Total  
Rejected

14,56,078

\* Application Count of all services given above are since 2017



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

## IMPLEMENTATION

36

Departments across  
Secretariat Buildings

36

Subsidiaries across State  
Head Quarter @ Patna

6

Districts across Bihar  
State

392083 +

eFiles

1630586+

eReceipts

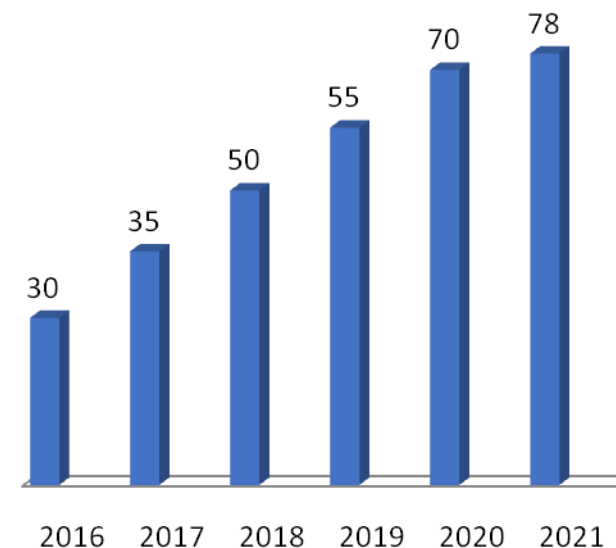
7567+

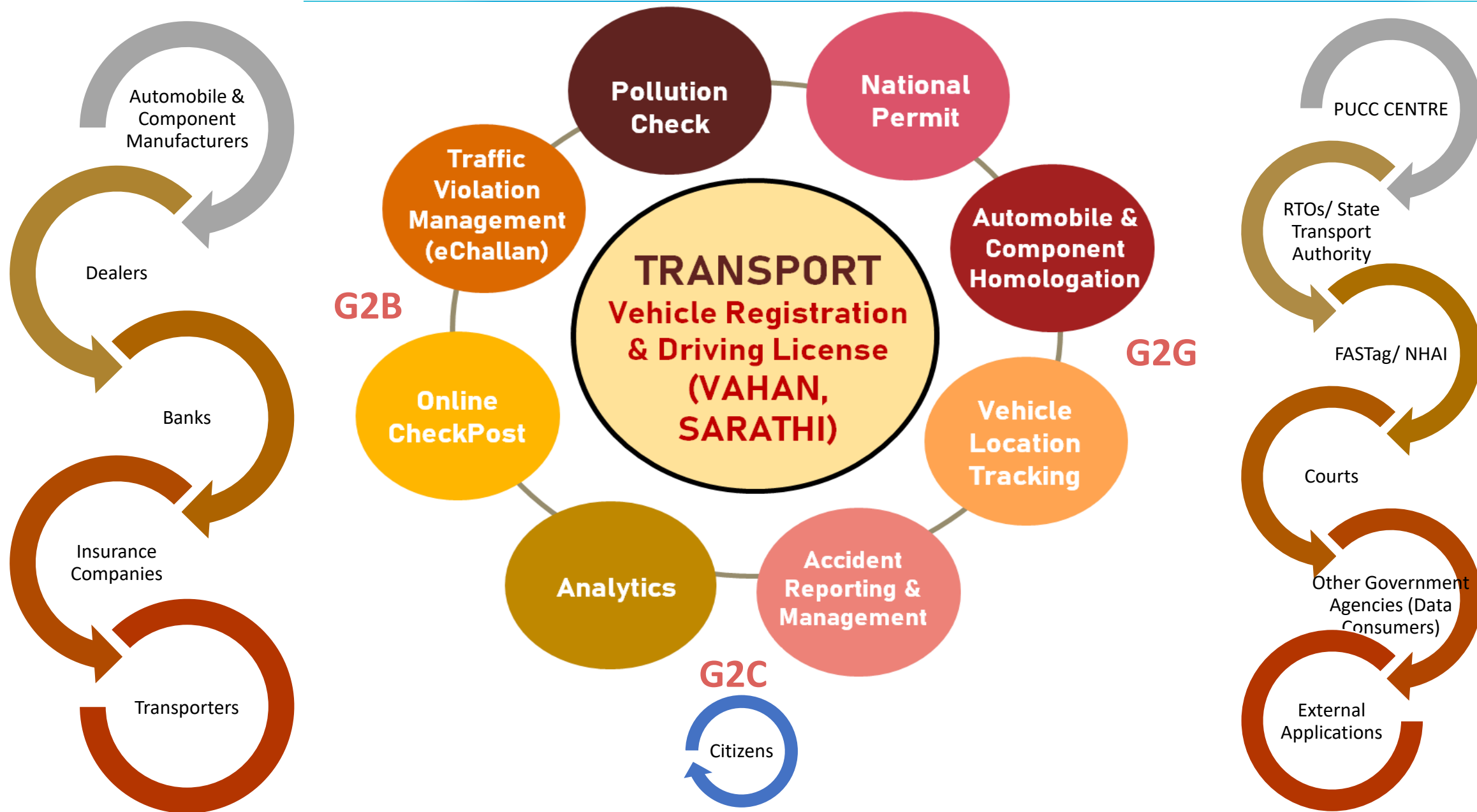
Users

- 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







**BIHAR**

**22 Lacs +  
eChallans**

**Rs. 137 Crores  
Penalty Collection**

**1.9 Lacs  
Vehicles Impounded/  
Released**

**10,000 +  
CCTV based noticed  
issued**

**01**

**Automatic calculation of penalty amount, based on challan category**

**02**

**Geo-tagging of Challan spot**

**03**

**04**

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

**05**

**Back-end data fetch from Vahan/Sarathi, ensuring efficient and error free operation**

## Ensures compliance, better data consistency

Sample  
PUCC

## Implemented in Bihar

*\*Based on smoke parameter (captured through API provided by the manufacturer), vehicle number plate (through Webcam).  
**PUCC is issued**, if measured pollution emission value is as per norms.*



**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**

**38 Districts**

Developed under the guidance of MoRTH s 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/ NHAI, 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 Meeting

**Completed** for Bihar with all SPoC (Police, Transport, Health, NHAI/RCD/RDD etc)  
( 09<sup>th</sup> September 2021)

## Orientation Training Programme

To all Nodal Officers & Field Officers of Stake Holders  
(Scheduled on 16th September 2021)

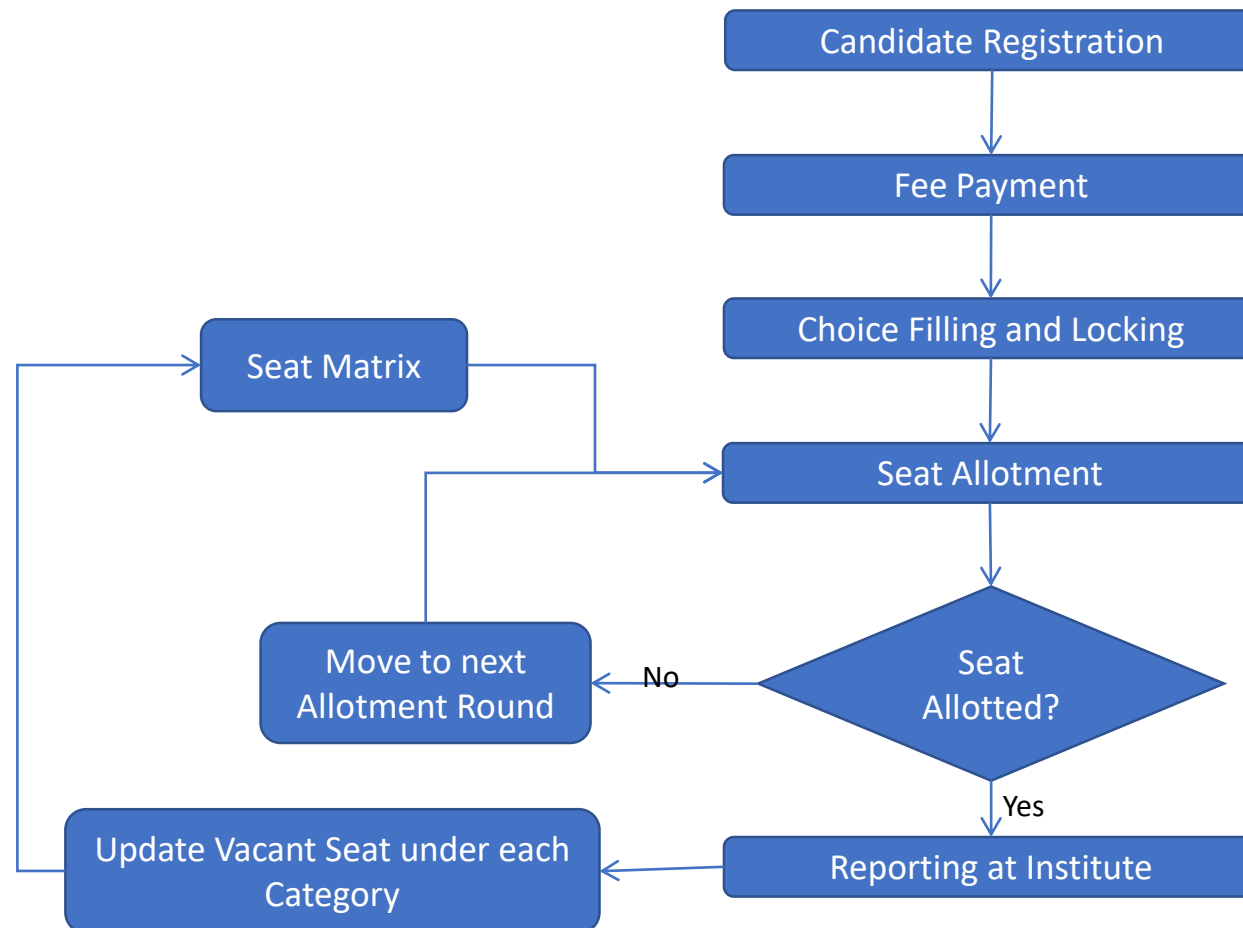
## Continual Training on iRAD

to all Stake Holders Nodal Officers, Field Officers  
& Implementation across Bihar State at one **Go**

## eCounseling for Bihar Combined Entrance Competitive Examination Board (BCECEB)

### Key Activities

- ✓ Execution of online counseling for BCECE Board Bihar.
- ✓ Candidate Registration, choice filling, fee payment, seat allotment, reporting to institutes.
- ✓ Conducting total 10 nos. of counseling for Engineering, Medical, etc. at PG, UG, and Diploma level.
- ✓ Performing seat allotment as per the rank and filled choices of candidates
- ✓ Based on seat allotment rules provided by the BCECE board





**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

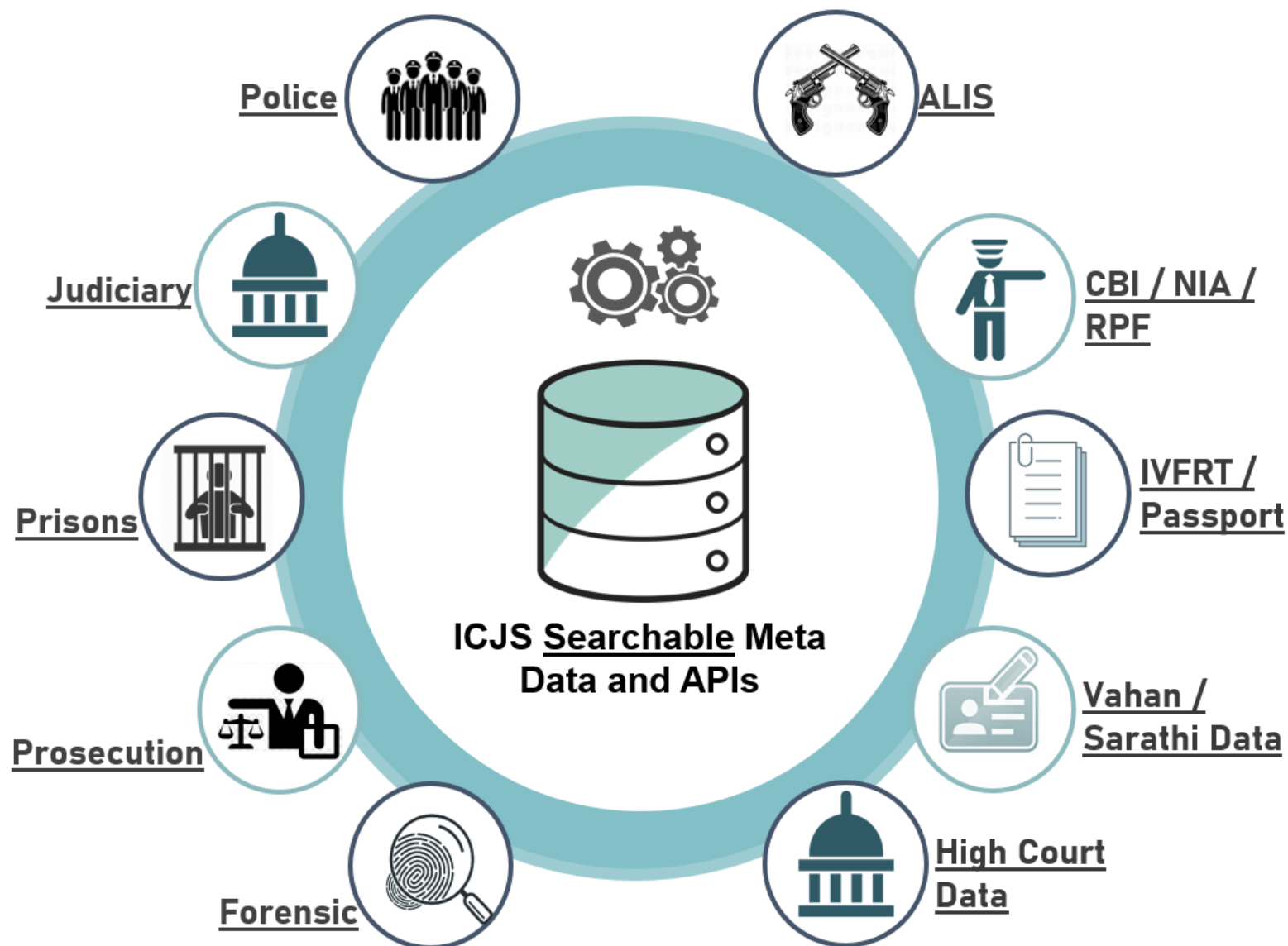
Travellers authentication at various  
touch points through intelligent  
document scanners and biometrics

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

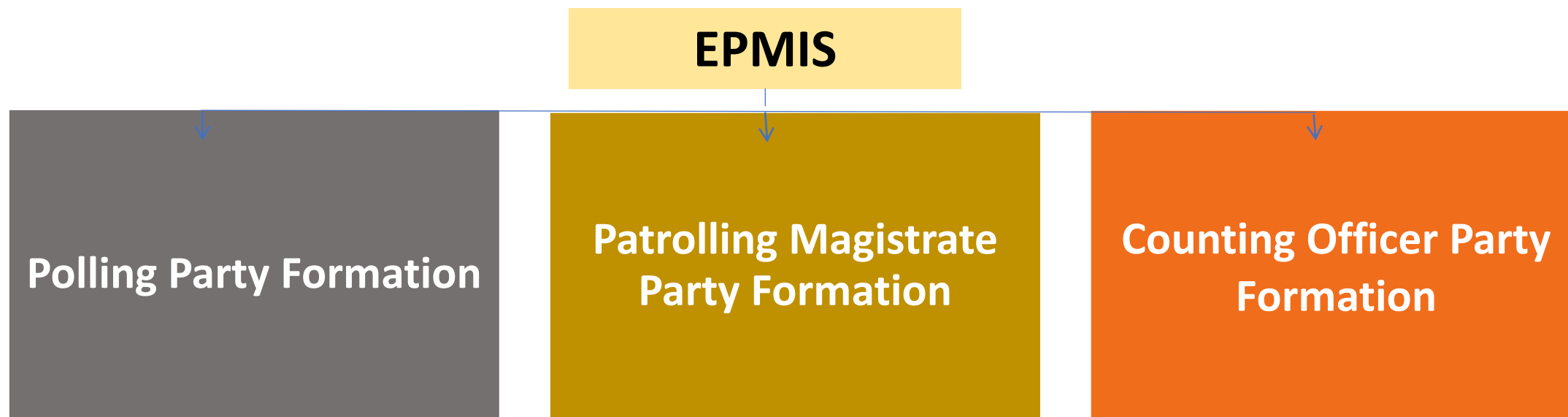
This application(Web App & Mobile App) is used for tracking of Magistrates and Forces movement in Poll day.



## E-Counting

This application is for real time votes counting monitoring system.

State Election Commission, Bihar is conducting Panchayat Election-2021 in all 38 districts of Bihar from September, 2021 for 8483 Panchayats for posts of ward members viz. Panch, Sarpanch, Mukhiya, Panchayat Samiti members and Zila Parishad members using web based Election Personnel Management Information System (EPMIS). Customization has been done EPMIS under Election Suit as per the required criteria of State Election Commission, Bihar. Districts are using the web based EPMIS system to generate appointment letters to polling officials.

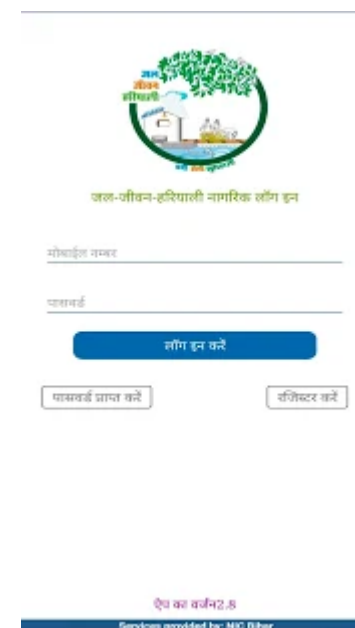




Mobile applications for different e-Governance application is being developed and hosted at play store from DGRC, Patna. Some of them are:



Mobile App	Description	Sectors/Domains
<a href="#">Bharat Ke Veer</a>	App to contribute for Bravehearts who laid down lives in the line of duty.	Home Affairs & Enforcement
<a href="#">Janta Ke Darbar me Mukhyamantri</a>	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
<a href="#">Aangan Bihar</a>	Inspection and Monitoring of Aanganwadi Centres.	Social Development
<a href="#">SBM Urban</a>	Inspection App for Swachh Bharat Mission to help implementation in Bihar.	Social Development
<a href="#">Aangan Sevika</a>	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
<a href="#">eLabharthi Bihar</a>	Helps beneficiaries being covered under various social security schemes to view their status regarding transfer of benefits	Social Development
<a href="#">ePACS Bihar Grains</a>	Helps PACS/Vyapar Mandals in procurement of Paddy from Farmers to ensure MSP.	Social Development
<a href="#">ePACS Bihar Payment</a>	Used by Co-operative Banks for payment to PACS/VMs based paddy procurement figures.	Rural
<a href="#">Disaster Management</a>	Helps in capturing the damages to households from a Disaster	Rural
<a href="#">e-Chapakal</a>	This app is for monitoring of Chapakal Yojna for each Village of Public Health Engineering Department of Govt. Of Bihar	Rural
<a href="#">ePACSinspection</a>	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
<a href="#">e-Peyjal</a>	This app is for pipe water supply monitoring for Public Health Engineering Department of Govt. of Bihar	Rural
<a href="#">LSBM INSPECTION</a>	This application is developed for surveying toilet data to all below poverty line families in rural area of Bihar for building household toilets.	Rural
<a href="#">SBM Jeevika</a>	Application is all about registering all below poverty line families in rural area for proving household toilets.	Rural

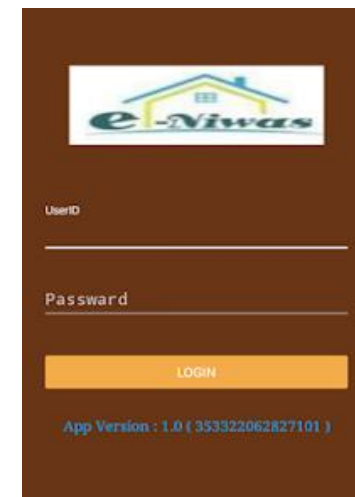




Mobile applications for different e-Governance application is being developed and hosted at play store from DGRC, Patna. Some of them are:



Mobile App	Description	Sectors/Domains
<a href="#">BCD</a>	This app is developed for inspection of building under Scheme wise.	Housing
<a href="#">e-Niwas</a>	This app has been developed to inspection of Vacant & allotted flat under e-Niwas with Geo-tag image. Department -Environment & Forest...	Housing
<a href="#">eGoatry</a>	This app is developed for JEEVIKA, Bihar. Through this application we can know the exact number of beneficiaries and outreach of the project.	Rural
<a href="#">Fire Services</a>	This app is used to capture Fire service building and its lat lang.	Rural
<a href="#">e-Anudan Yojana (Kabir Anteyeshti)</a>	In case of death of a member belonging to below poverty line (BPL) family, financial assistance is provided by Social welfare department for...	Rural
<a href="#">Health Facility Locator</a>	The Health Facility Locator app is Geotagged based application for the departmental use. This application is develop for health department to...	Health & Family welfare
<a href="#">Ward Border Mapping</a>	This app is for taking latitude and longitude values of the ward of different Panchayat of each and every Blocks of BIHAR.	Rural
<a href="#">Bihar Swasthya saathi</a>	Health supervisors of each district can update the COVID patient's daily health report through this portal....	Social Development
<a href="#">Krishi Jal</a>	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
<a href="#">Sharam sadhan</a>	Migrant labours of Bihar can search for jobs in their district as per their skills and qualifications	Social Development
<a href="#">Ele-traces</a>	For tracking the movements of officers carrying EVM at the time of Elections	Election Commission
<a href="#">Ashwin Application</a>	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
<a href="#">E-Niwas App</a>	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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# NATIONAL INFORMATICS CENTRE

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*Driving Digital Transformation  
in Government*

