





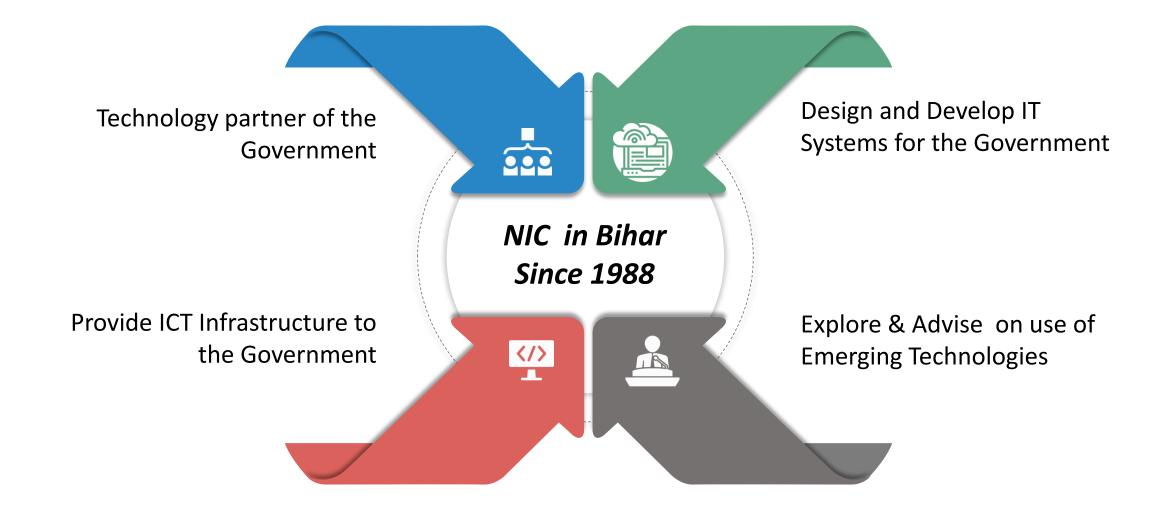
NATIONAL INFORMATICS CENTRE Bihar State Centre







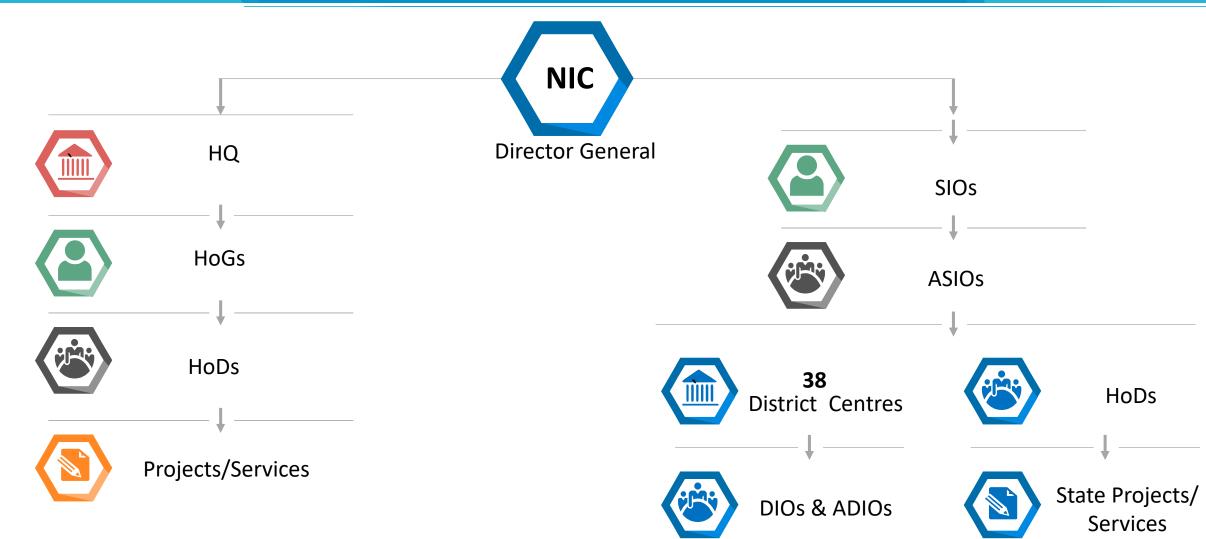






Organisation Structure



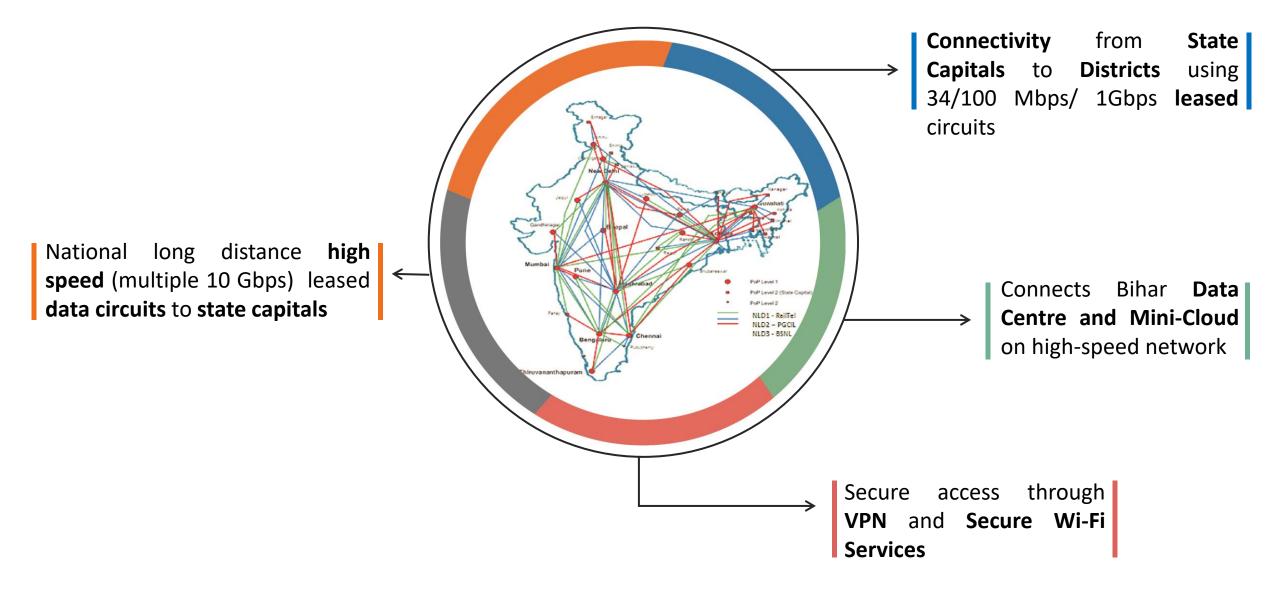






NIC NETWORK



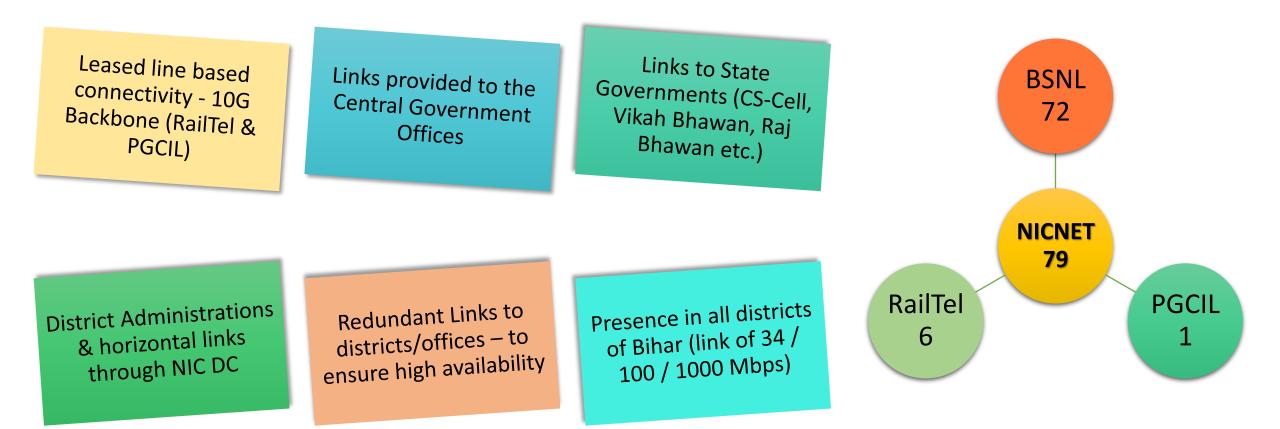




NIC NETWORK



NICNET - Network Backbone for Bihar

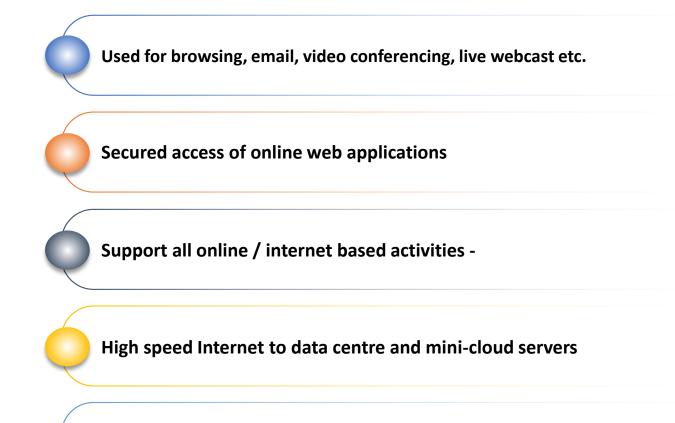








NICNET - Feature and Functionalities



Large scale VVIP video conferencing and other online events



https://servicedesk.nic.in/ 1800 111 555



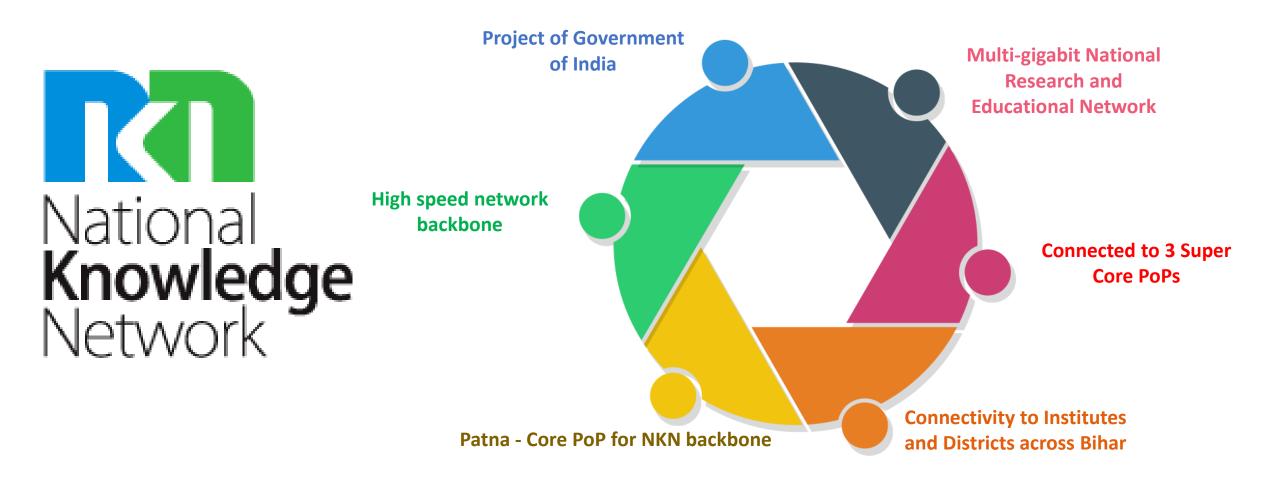
Helpdesk – 24x7 0612-2547906, IP - 23028/ 23009 Network Engineer Filed Operator (NEFO) Network / System Administrator Network Coordinator NoC HQ Delhi Team







NKN – National Knowledge Network





NIC 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

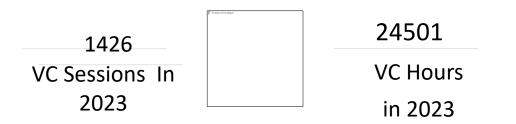
NKN Connectivity
District Connectivity – 27
Inter-District Connectivity - 16
State University - 13
Medical College & Hospital - 11
Engineering Institution - 8
Management Institution - 5
Research Institution - 5
Central University - 3
Training - 4
Government Body - 2
Judiciary - 1
Art and Design - 1







NIC is offering VC services since 1995



Bharat VC Solution hosted on National Data Centre





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

Total 160 Email Created in September 2023 More than 82400 email accounts have been created and managed for Central and State Government Offices

2FA Kavach software <u>https://kavach.mail.gov.in</u> implemented for all user of Bihar State Profile Update through <u>https://profile.nic.in</u> of Bihar State User

https://eforms.nic.in portal implemented for new email account Creation for State and Central Govern.nent Offices https://servicedesk.nic.in portal implemented for the issue related to email



Mini-Cloud, Bihar



Technology Used and Resource Allocated

VMware

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

Management Software

- HPE 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 and other resource allocated

- VM's Created and Allocated- 228
- No. of Cloud Accounts Created 61
- Load Balancer Created for -7 applications
- Backup Services allocated 125
- Public IP allocated to Cloud Users -91

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

> Storage Capacity – 429.36 TB

Memory Capacity – 6.40 TB

Cluster - Windows & Linux

Services - PaaS & laaS

Network Speed -10/25/40G



Mini-Cloud, Bihar



Applications Hosted

- Directorate of Rice Development
 - Online Health Dept. of Bihar (HDOLBR) / e-Hospital
 - Bihar Public Service Commission
 - Home Department Bihar
 - Divisional Commissioner Saran Chhapra
 - Divisional Commissioner, Patna
 - Khuda Bakash Oriental Public Library
 - Archaeological Survey of India
 - Chief Minister's Secretariat, Bihar
 - Central Reserve Police Force, Bihar
 - BPSSC, Bihar
 - EleTraces Application
 - Divisional Commissioner Darbhanga
 - CGST RANCHI ZONE
 - Central Excise, Patna
 - Education Department, Bihar
 - Bihar Consumer Protection department
 - GIS Services
 - Divisional Commissioner, Patna/ECIS Application
 - District Administration, Gaya/RTE Application
 - Finanance Department, Bihar/ egazette project
 - Sewa Itihas (Secretariat)
 - Ganga Flood Control Commission
 - NBFC Complaint Management System
 - Janta Ke Darbar Me Mukhyamantri
 - Abhiyan Kitab Daan
 - Disaster Online
 - Disaster EOC

- Science and Technology Department
- CMRF, BIHAR
- Court Case Management System
- Panchayati Raj
- Single Integrated Return Of Labour laws
- E-Niwas
- E-CropCutting
- Bihar Legislative Assembly Question Remarks Management System
- CEO Bihar
- Online Booking, BCD
- e-Sahkaari, Co-operative Department
- CoopOnline, Co-operative Department



- Apda Sampoorti, Disaster Management Department
- Medhasoft, Education Department
- Jeevika Online Project, Rural Development Department
- Asha Workers performance and incentive website
- E-Labharthi
- Health and Family Welfare Department website
- Jal Jeevan Hariyali Mission, Rural Development Department
- Post Matric Scholarship, Education Department
- Maap Taul Department website
- Covid 19 cell management system, Patna
- Micro, Small & Medium Enterprises, Muzaffarpur Website
- Railway Recruitment Board Muzaffarpur website
- Emeeting
- Geographical Information System (GIS) Website
- Bihar Information Commission Website
- Micro, Small & Medium Enterprises Patna Website
- Railway Recruitment Board Patna
- Railway Recruitment Cell Patna
- Bihar Vidhan Sabha
- Bihar Vidhan Parishad
- Loka Yukt Bihar





Digital India Land Record Modernization Programme(DILRMP) in Bihar



10

DCLR Court Case Management Out of 57,530 cases, 26,112 cases have been disposed using DCLR Court Case Mgmt System

9

Suo-Moto Mutation Registration of Sale to trigger automatic updation of Ownership details. Total 83.43 thousand applications received for mutation till date.

3

Bhu-Naksha GIS Tool for generation of Land Parcel Maps (LPM) in Bihar. Till now digital map of 11,031 villages of 20 districts have been uploaded.

Bhu-Manchitra 1.20 Lakh digitized Operational Maps at Mauza/Village level. (Around Rs. 31.23 Crores have been collected so far from 20.82 Lakh copies sold.)

ADM Court Case Management Revision – Total Filed Cases – 7048 Total Disposed – 1274 Cancellation – Total Filed Cases – 7034 Total Disposed – 1079

Bhu-Abhilekh (For maintaining Chalu-Khatiyan) 1.30 Crore Holders, 4.4 Crore Plots

2

Online Jamabandi (For Khatiyan data and Lagan Calculation) 4.20Crore Records, 7.03Crore Plot details Services: Online Mutation, Lagan & LPC using Digital Records of Register-II

3

Online Mutation (1.06 Crore Applications processed till date) Built-in Multi-Factor Authentication for Extra Security.

4

Online Lagan Collection

(OGRAS is the Payment Gateway) A total of Rs. 399.72 Crore have been collected so far and 80.70 Crore has been collected in current financial year 2023-24.

Management of Land Records using Digital Technologies

6

Online Parimarjan

A total of 36.50 Lakh applications received for correction in Jamabandi records. 35.48 lakh of these were disposed.

5

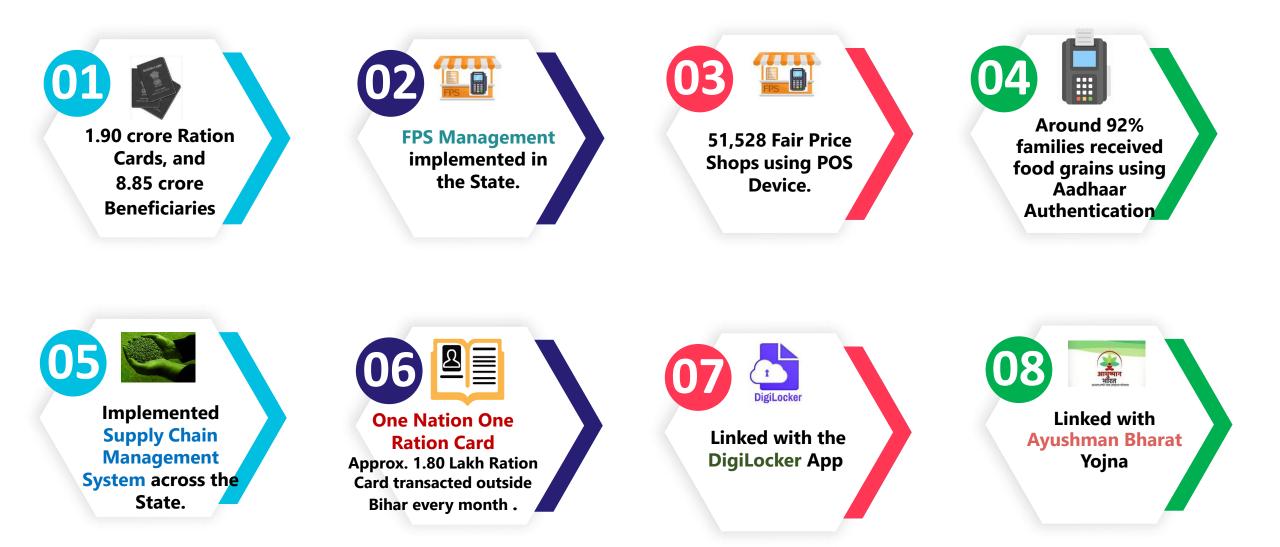
Online Land Possession Certificate Needed by Citizens for obtaining a loan from the bank. Till date 9.27 lacs applications received and 9.16 lacs disposed.

http://biharbhumi.bihar.gov.in, http://bhulagan.bihar.gov.in, http://parimarjan.bihar.gov.in, http://bhunaksha.bihar.gov.in, http://dlrs.bihar.gov.in









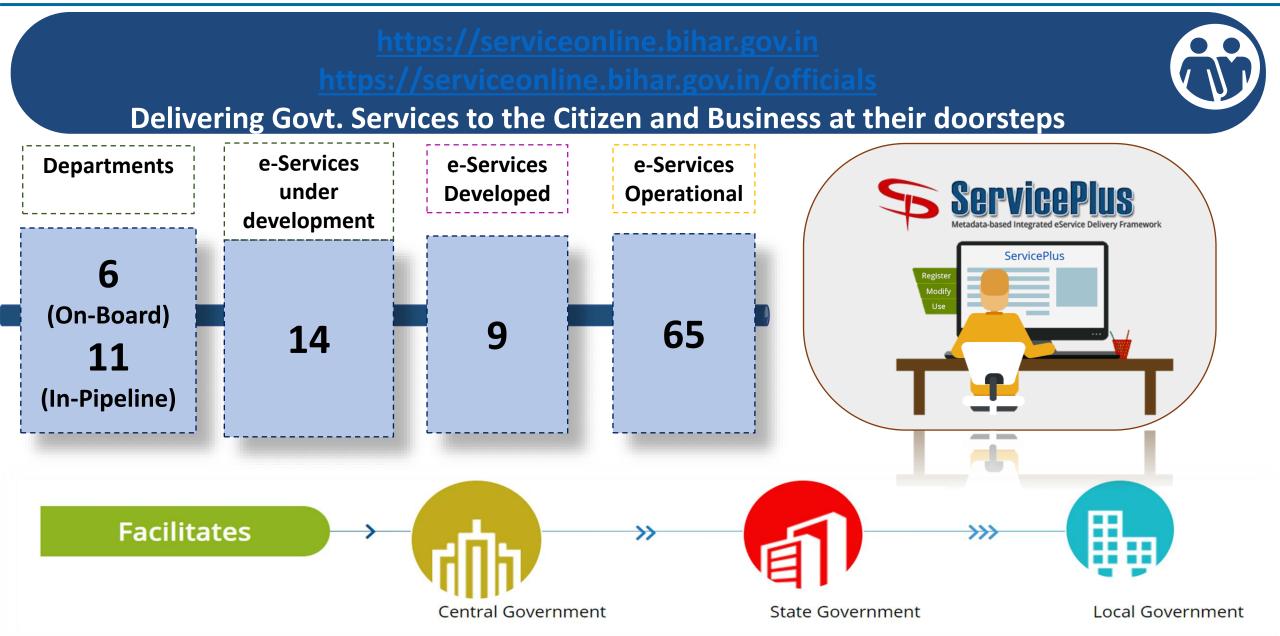




लोक सेवाओं का अधिकार एवं अन्य सेवाएँ RTPS and Other Services

(e-District Mission Mode Project)







• Application Count of all services given above are since inception to 30th September 2023





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: 11.3 lakh
- **Bihar State Disability Pension: 8.86 lakh**
- □ Indira Gandhi Old Age Pension: 3.8 crore
- □ Indira Gandhi Widow Pension: 6.1 lakh
- Laxmi Bai Social Security Pension: 7.3 lakh
- Mukhyamantri Vridhjan Pensions: 3.7 crore
 Total Monthly Disbursement: 383 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 get hot cooked food and THR at the Aanganwadi Centres. Due to the spread of Corona Virus, an equivalent amount has been transferred directly to the account of beneficiaries.
- Total monthly payments through DBT Rs. 200.30 Crore





DBT OPERATIONS



ASHWIN – Asha Workers Performance & Incentives Portal

- ASHA (Accredited Social Health Activist) and ASHA facilitators are Community Health Volunteer under National Rural Health Mission.
- Every village in Bihar with a population of 1000 people is having an ASHA worker who plays an important role to address the health needs of rural population, especially the vulnerable sections of society.
- ASHAs are given performance based incentives for 53 different types of institutional and community activities based on a predecided rate. There are more than 87,000 ASHA workers spread across Bihar.
- The application has streamlined the entire process of Activity Recording, Monitoring, Claim of Payments and Chain of Approvals, integrated with a Mobile based interface. The ASHA and ASHA Facilitators uses mobile application to records daily activities and submit monthly claim (Dawa Prapatra), which is approved by ANM, BCM, DCM and MoIC in order to release monthly remuneration. The system has brought transparency and accountability in the activities being carried out under NHM and has been awarded Award of Excellence in CSI SiG e-Governance awards 2021.

Beneficiaries Served:

- **Total Active ASHA: 89151**
- □ Total Community activities performed by ASHA: 200,68,96,130
- **Total Institutional activities performed by ASHA:** 53,73,67,450
- **Total State activities performed by ASHA:** 59,83,51,000
- **Total Active ASHA Facilitator:** 4314
- **Total Activities performed by ASHA Facilitator:** 24,60,29,300







Fasal Sahayta Yojana – Cooperative Department

Paddy and Wheat Procurement - 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.

- Farmers Registered for Kharif crop assistance : 1664950
- Farmers registered for Rabi crop assistance : 1294868
- Total transaction amount 737.12 Cr



- 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 32,93,86, 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 :- 40047
- Total Amount Paid : 40.46 Cr.



SWACHH BHARAT ABHIYAN Urban

- Swachh Bharat Abhiyan is a national level campaign launched by the Government of India with the objective of keeping the streets, roads and infrastructure clean.
- A web-based MIS has been developed for identification and approval of beneficiary as per scheme guidelines.
- A mobile App has been developed for inspection of toilets and quality reporting which leads to release of payment. The software also helps to generate payment files and has been integrated with PFMS for direct benefit transfer to the beneficiary. The entire system is accessible at LSBA portal http://lsba.bih.nic.in/
- Schemes being served :

a) Individual Household Toilet: For construction of toilet, an amount of 1200 has been provided to the Individual person.

b) Community Toilets - With this scheme vendor take tenders to create group toilets for multiple users.

c) Solid Waste Management - With this scheme vendors maintain the solid waste management, with door-to-door collection of wastes.

d) IEC And Public Awareness - With this scheme vendors emphasize on Public Awareness about cleanliness.

e) CBA & OE - With this scheme vendors emphasize on capacity building and other exercises.





DBT OPERATIONS



MedhaSoft – Education Department

- MedhaSoft project envisages managing the details of all the students of government and government-aided schools of Bihar. The details of enrolments from 1st to 12th class are captured at the school level and the eligibility of the student is ascertained against various schemes being executed by Education Department, Govt. of Bihar.
- The details of about six crore students have already been uploaded by the schools which shall be used to disburse grants under various schemes such as cycle Yojana, Poshak Yojana, textbooks, napkins, scholarships etc.
- A Mobile application has been developed to support verification and forwarding of students list and to support the workflow. This project is expected to be one of the biggest students related operation in State to streamline entire education related disbursement process
- Total No. of Student: 6.23 Crore , Total Amount Disbursed: 500 crore



Scheme Name	Beneficiaries	Amount (in Rs.)
Pre Matric Scholarship Scheme BC/EBC (9-10)	1180960	2125728000
Scholarship - SC/ST (1-8)	3494342	3576517200
Mukhayamantri Balika Poshak Yojna (9-12)	2047206	3070809000
Scholarship - General(9-10)	361000	649800000
Mukhayamantri Balak Poshak Yojna SC/ST/BPL(1-8)	5504335	3479550800
Scholarship - General (1-8)	1604130	1679245800
Mid Day Meal	13219022	11763093059
Mukhayamantri Balak Poshak Yojna APL(1-8)	123295	67621000
Kishori Swasthya	3058440	917532000
Scholarship - BC/EBC (1-8)	7968574	8411289600
Pre Matric Scholarship Scheme SC/ST (9-10)	298355	537039000
Mukhayamantri Balika Poshak Yojna (1-8)	7302483	5735945200
Mukhayamantri Cycle Yojna	1456503	4369509000
Payment for Text Book Class (1-8)	14746176	4467421500
TOTAL	62364821	50851101159





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

Beneficiaries Served:

- **G** Kanya Utthan Yojana(Snatak) : 26208
- Mukhyamantri Balak Balika Protashahan Yojana(10th): 3,78,695
- **G** Kanya Utthan Yojana (12th): 3,63,461
- Amount Disbursed : Approx. 70 crore





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. The state of Bihar, due to its geographical and topographical situation, is highly prone to several natural and man-made hazards, to compensate the disaster victims in optimum possible time by maintaining a pre-verified list of inhabitants living in flood-prone and draught prone areas of Bihar, the portal has been made. The list has been uploaded to the portal based on identification of vulnerable areas of the State and the bank accounts has been verified from the PFMS.
- 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







PMS – Post Matric Scholarship

- The Post Matric Scholarship is a joint initiative of Education department, SC/ST welfare department, BC/EBC welfare department, Govt. of Bihar for the SC, ST, BC and EBC students of Bihar for receiving the scholarship from State and Central government to pursue higher education.
- The students of these ٠ categories who not able to afford their tuition fee/ were school fee/ college fee for pursuing various courses of higher education are being awarded scholarship from SC & ST Welfare and BC & EBC Welfare departments of the State Government with Education Department being the nodal agency. The registration of valid colleges across India along with eligible courses have been done, thereafter, the students apply for the scholarship providing detailed information such as the demographic information, courses, sessions, bank accounts and Aadhaar. Presently, the portal has been opened for the students of 2019-20, 2020- 2021 and 2021-22 sessions to apply for the scholarship.
- A mobile application having official login, Student login and institute login module has been launched by Education Minister Bihar to support the smooth functionality of the web portal.
- So, far more than 2000000 students has been registered in the portal and more than 1800000 students has been verified for payment by the verification team .



पोर्टल का शुभारंभ शिक्षा मंत्री विजय कुमार चौधरी ने सचिवालय में लोकार्पण किया।





GIS based Solutions



GIS Layers as Service

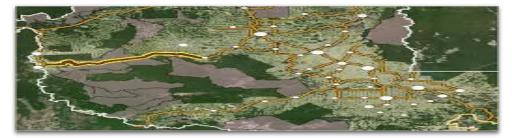
GIS Project for Rural Roads -Rural Works Department, Govt. of Bihar: With the objective of providing rural connectivity, Government of India had launched the Pradhan Mantri Gram Sadak Yojana (referred as PMGSY-I hereinafter) on 25th December, 2000 to provide all-weather access to eligible unconnected 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.



Layers created at DGRC, Patna:

Transport Layers

• National Highways, State Highways, Major District Road, Other District Road, Village Road (PMGSY & MMGSY), Railway Line, Railway Station, Bus Route, Bus Stop, Bridge (RCD), Airport

Water Resource Layers

• River, Stream, Canal, Water Body, Ahar/Pyne, Watershed Boundary

Administrative Layers

• Habitation/Settlements, Block, Subdivision, District HQ, Village Boundary, Panchayat Boundary, Block Boundary, District Boundary, RTA Boundary, Sub Division Boundary, Industrial Estate Boundary, Ward Boundary (Patna), PWD Division,

Constituency Layers

• Booth Location, Assembly Boundary, Parliamentary Boundary

Power/Electricity Layers:

• Grid Substation, Power Substation, Power Transmission Line (220kv & 132kv), Power Transmission Tower, Electric Pole

Generation Forest Layer

• Reserved Forest, Dense Forest, Moderate Forest, Protected Forest, Open Forest, Forest Scrub, TOF, Patna Zoo Map, Plantations, Eco Park, Nursery

Education Layers

• Schools, Colleges, Hostels and residential schools

Miscellaneous

• Town Location, 37 District Land-use Map, Bricks and Kilns, Laghu Bandh, Aanganwadi, GTSNY Habitations, Police Station, Culvert (RCD), Level Crossing (RCD), Market Location, Monument/Tourist Places, Hoardings for IPRD, Community halls for SC/St dept.





Jal Jeevan Hariyali

- Jal Jeevan Hariyali Mission is a multi-stakeholder programme with the objective of climate sustenance, conservation and rejuvenation of water bodies and to keep water pollution free, maintaining level of Ground water, ensuring adequate water availability, climate resilient agriculture, energy conservation etc. and promoting climate awareness among the masses.
- The JAL-JEEVAN-HARIYALI Mission is being implemented in coordination with various departments and the Rural Development Department has been designated as the Nodal Department.
- A mobile application for identification, mapping, verification and inspection of renovation has been developed and launched by Chief Minister Bihar.



Har Khet Tak Sinchai Ka Pani(Sinchai Nischay)

- State Government of Bihar has decided to run a scheme "Har Khet Tak Sinchai Ka Pani", to ensure irrigation facility is to be provided to every farmer's field. For this work, after identifying the non-irrigated area of each village, on the basis of initial technical feasibility, the potential water source and irrigation plan has to be selected.
- This survey has been completed with five departments working together. Those five departments are Water Resources Department, Electricity Department, Minor Irrigation Department, Panchayati Raj Department and Agriculture Department. Water Resources Department was the nodal department among them.
 - **No. of Departments involved in the Survey: 5**
 - Number of villages surveyed: 16,743
 - Number of Tola surveyed: 74,134
 - **D** Total number of meetings with farmers: 74,134
 - Approximate non-irrigated area (in hectare) : 5,54,541.13
 - No. of Schemes Selected: 29,991
 - **Estimated Command Area (in hectare): 7,83,363.06**
 - **Estimated Cost (Rs. in Lakh): 6,53,924.19**



GIS based Solutions



Panchayat Nischay Soft Portal

- Panchayat NischaySoft has been designed to capture physical and financial progress of Mukhyamantree Grameen Peyajal Nishchay Yojana and Mukhyamantree Grameen Galee Naali Pakkeekaran Nishchay Yojana being executed by Panchayati Raj Department.
- It include modules such as Online registration of manufactures and their products, scheme details, fund transfers, physical progress, inspections, vouchers, utilization certificates, time stamped photographs with geo-tagging of schemes and payment advice.
- Till now 66,878 and 2,44,514 schemes are registered and being monitored Mukhyamantree Grameen Peyajal Nishchay Yojana and Mukhyamantree Grameen Galee-Naali Pakkeekaran Nishchay Yojana. IoT enabled devices have been placed at every Drinking Water scheme to know the status of working of motor and water extracted.
- The dashboard has been prepared from the data received from IoT devices to show the overall status of Drinking water supply to rural households of the State. This project has been awarded CSI-SIG e-Governance Award 2020 in "State Government Entity" category of Computer Society of India







Emergency Operation Centre (EOC)

- EOC multi-hazard platform has been developed for Disaster Management Department, Govt. of Bihar for the daily reporting of different hazards throughout all the districts of bihar such as floods, drought, COVID etc.
- It includes activities such as tracking of different relief and preventive measures being taken such as community kitchen, relief centres and health centres etc., easy report generation, office inspection, live flood monitoring using GIS, Geopositioning of disaster affected areas, house damage inspection, MIS payment report.
- A mobile application called "EOC Reporting" has been developed for inspection of damages reported and tracking of relief activities being performed on daily basis.
- The live inspection for house damage has been started for all districts and till now +1000 inspections have been already reported through the application.

Disaster Relief And Rescue Team Tracing System

- Disaster Relief And Rescue Team Tracing System has been developed for tracking the movement of SDRF, NDRF team assigned for different Relief and Rescue operation performed during the occurrence of any disaster.
- The mobile application helps in capturing the Geo Coordinates of the team and upload it to the server in every one minute.
- The web portal is used for the registration, allotment and tracking of team's location using GIS.



e-Hospital





- e-Hospital is aimed at the implementation of Hospital Management Information System (HIMS) for internal processes and workflows of hospitals.
- It is a one-stop solution which helps in connecting the patients, hospitals, other healthcare service providers and doctors on a single digital platform. The application is developed based on the global healthcare standards.
- It is a web based cloud hosted HMIS application which includes e-BloodBank and Online Registration System (ORS).
- The e-BloodBank application facilitates the implementation of a complete Blood Bank Management System for internal workflows and processes of the blood banks.
- ORS (https://ors.gov.in) is the patient interface of e-Hospital for citizens to book online appointment for the hospital of their choice. ORS is accessible over the Internet. ORS is a system to link various hospitals across the country for online registration and appointment and for providing patient centric services like viewing lab investigation reports and checking blood availability status.



e-Hospital has been implemented in 10 hospitals of Jehanabad, Bihar.

- **Total OPD Patient : 389412**
- **Total New patient : 365761**
- Detient Revisited: 23651







- In order to establish direct communication with the people of the state, to be aware of their problems and grievances and to establish an effective system for their speedy redressal, the "Janta Ke Darbaar Mein Mukhyamantri " program was started by the Honorable Chief Minister, Bihar.
- The main objective of this program is to get direct ٠ communication with the general public about the problem arising in relation to the implementation of policies, programs and schemes based on the principle of justice, inclusive development, and good governance.
- Under this program, on the first, second and third Mondays of every month, problems related to departments under law and order and administrative departments, social sector and basic infrastructure are heard respectively

- **No.** of Departments : 47
- No. of Applicants: 27822
- No. of Applicants Appointed : 7721
- **No.** of Applicants to meet the Chief Minister: 5621

🏶 Home 🔸 State 🔸 Bihar 🔸 Patna 🔸 Nitish Kumar Janta Darbar Cm Bihar Mukhyamantri Janta Darbar Latest N

जनता दरबार: सीएम नीतीश के सामने आए जमीन विवाद के कई चौंकाने वाले मामले, समाधान का दिया आदेश

प्रत्येक सोमवार की तरह नवंबर के पहले सोमवार को आज भी मुख्यमंत्री जनता दरबार कार्यक्रम कर रहे हैं. इस दौरान आज जमीन विवाद के कई चौंकाने वाले मामले सामने आये जिसे सुनने के बाद सीएम ने संबंधित विभाग के पास निवारण के लिए भेजा.

By Prabhat khabar Digital | Updated Date Mon, Nov 1, 2021, 1:28 PM IST



ार कार्यक्रम में फरियादी की शिकायत सुनते मुख्यमंत्री नीतीश कुमार | प्रभात खब

बिहार के मुख्यमंत्री प्रत्येक सोमवार की तरह आज भी जनता के दरबार कार्यक्रम में फरियादियों से मिल रहे हैं और उनकी समस्याएं सुनकर समाधान करने का आदेश दे रहे हैं. आज सीएम मुख्य रूप से पुलिस व जमीन से जड़े मामले सन रहे हैं. जनता दरबार में आज भी कई हैरान करने वाले मामले सामने आये. कई





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 110 range offices of the department.





Mobile Apps for FMIS Project





Mobile Apps



Key Features

- Supports "Mission 5 crore Plantation for the year 2021 & 1.75 crore for year 2022 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 –18841
- Previous Year Received Plant–8303046, Plant Distributed 4532108
- Plant Requested for 2023-24- 8842974
- ✓ 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

- User Registered 1167
- ✓ Registered Plantation Scheme-2511, Scheme Inspected- 1066
- ✓ Registered Nursery Scheme-357, Scheme Inspected- 323
- ✓ Registered Others Scheme-267, Scheme Inspected- 16







Digital Library





Login	
User Name	
User Name	
Password	
Password	
Remember me ?	
Login	

Key Features :

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

Key Statistics :

- Total No. of Stored files 1867 \checkmark
- HARIYALI-MISSION-83, DFO-9, CCF(IT)-1646 \checkmark
- CF(M&E) 3, APCCF(CAMPA)-99, PCCF(WP)- 5, PCCF(DEVLOPMENT)-22 \checkmark





Working Plan

To rectify, mosaic and Georeference of Cadastral sheet, Mauja wise of Rohtas division.

SI. No.	Division	Mauja Name	Thana Number	Mosaicking Status	Georeferencing Status
1	Rohtas	Paruka	636	Completed	Completed
		Baijalpur	656	Completed	Completed
		Bhurwa	659	Completed	Completed
		Dewadand	661	Completed	Completed



GIS for FMIS Project



IT Cell

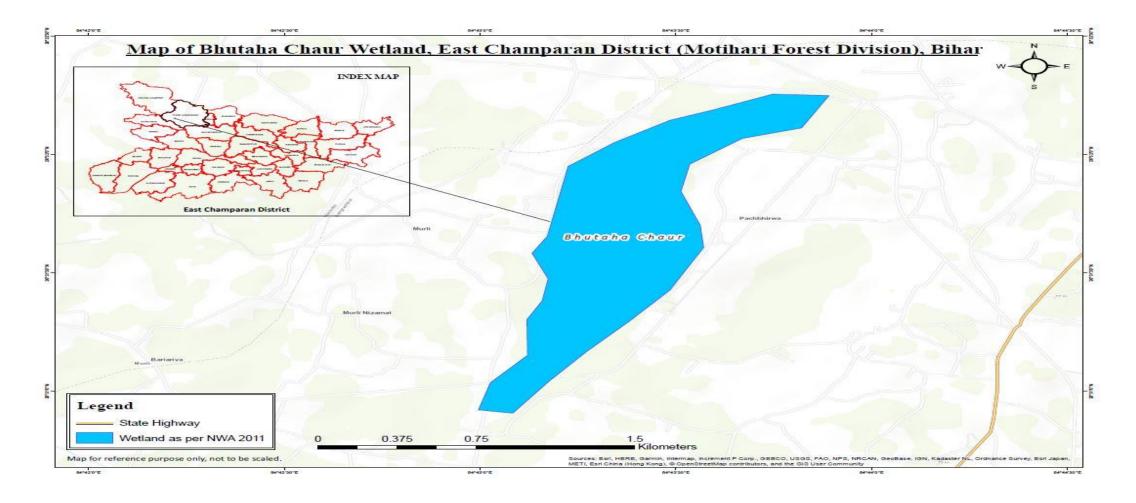
One day training program on VanApp, Bihar VanMitra mobile application with Google Earth Pro was provided to Forest Guard (FG) at SFTI, Gaya on 24th May 2023 for creation and use of kml file on Google Earth Pro.





Climate Change (Wetland)

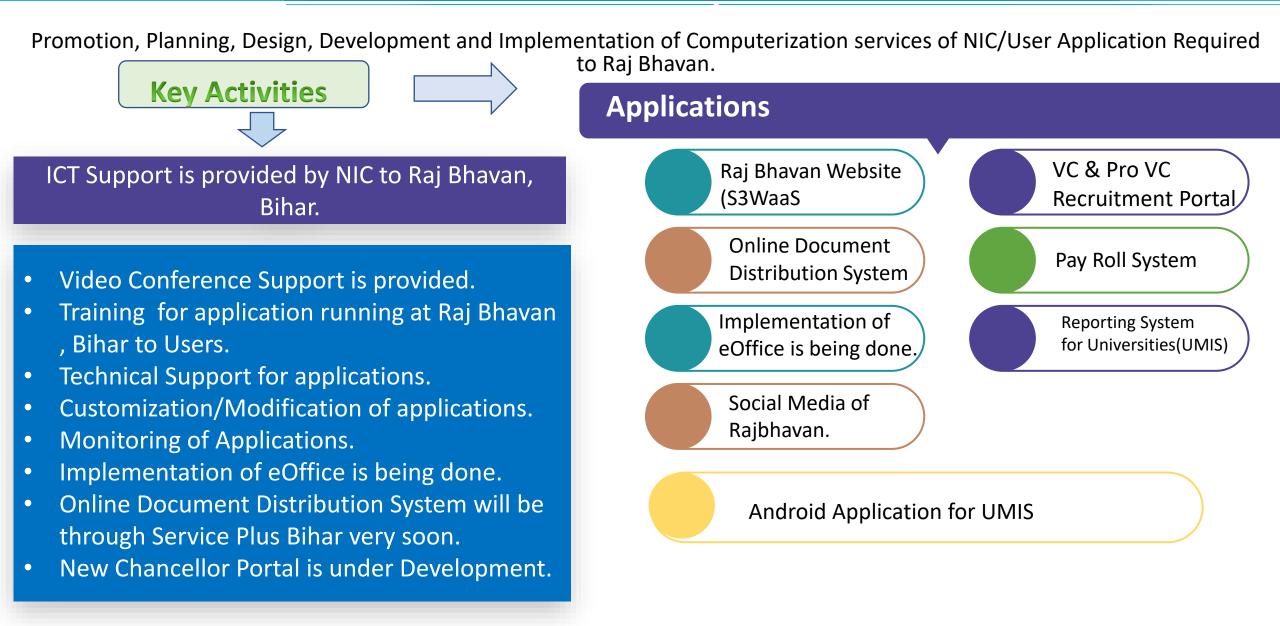
Analysis and creation of 02 wetlands (**Bhutaha Chaur and Bawlee Chaur)** for digital mapping in the second phase, East Champaran District (Motihari Forest Division), Bihar.













Court Informatics





Statistics up to April 2023 Average Daily Cases Filed - 430 Approx No. of Cases available – 25,03,234+ Disposed Cases – 22,94,242 **Pending Cases – 2,08,992+** Court **Complexes** E-Filed Cases – 3,26,637+ 90 **Registered Advocates on e-filing portal – 4,203+** Court Challan Defaced – 1,468+ **Establishment** 224 Judgments uploaded – 13,25,501+ No. of Courts Total Ld. Advocates in CIS- 8,175+ 1352



Court Informatics



Key Services

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

Development of Periphery Modules & CIS Log reader

Court Case Monitoring System (CCMS)

Judicial Officers Activity Monitoring System (JOAS)

e-filing , ePayment & Challan Defacement

Comprehensive Report Management

Real time Data Replication to NJDG

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

Website Development, ICT Support, Training & Report Compilation.

Record Room File Management System

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

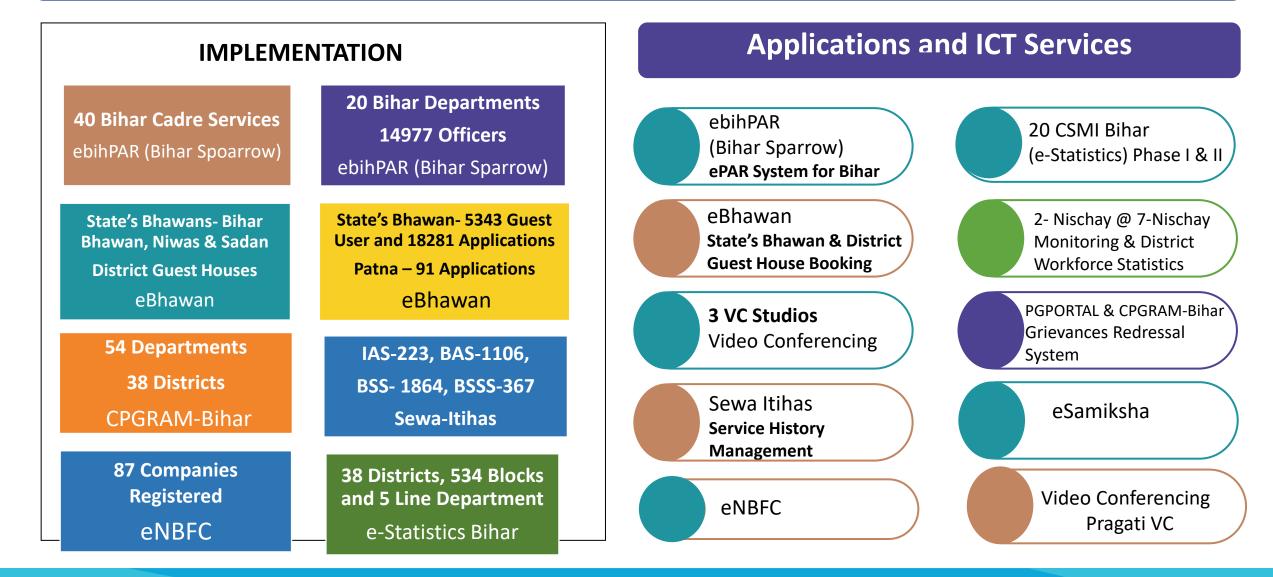
ICJS for District Courts

Other Activities





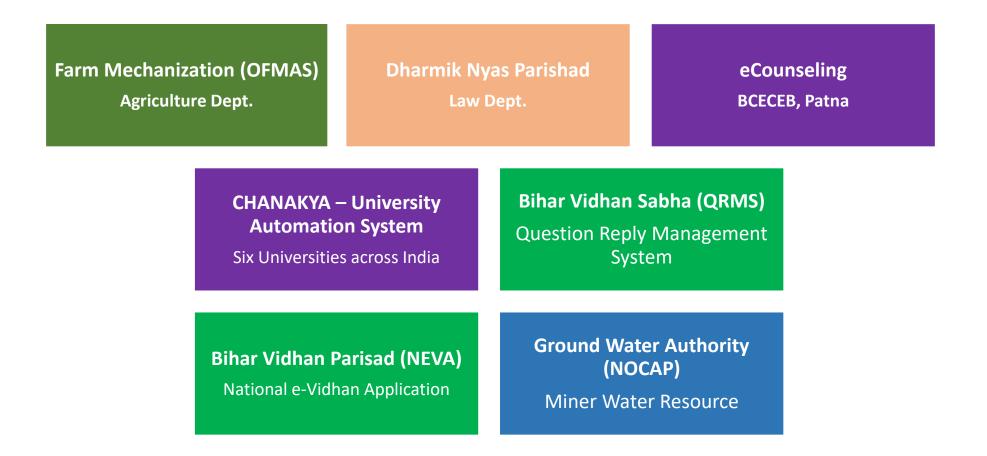
Promotion, Planning, Design, Development and Implementation of Web Application and ICT services from CS Cell







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







It Caters Court Information System for Executive courts of Bihar which includes Commissioner's Court Information System, DM Courts, SDM Courts of Bihar. Recently its has been also deployed for Court of Patna Municipal Corporation.

Portal Dash Board						
EXECUTIVE COURT INFORMATION SYSTEM						
(for Districts of Bihar)						
HOME DASHBOAI	RD CASE STATUS CAUSE	ELIST JU	DGMENT/	ORDER	ADVANCE SEARC	H CONTACT US
Select District :ALL	~					
	court Name	Filing	_	Disposed		Judgement Uploaded
Court of Collector-cum-Distric		811	756	55	39	0
Court of Collector-cum-Distric		1107	461	635	135	256
Court of Collector-cum-Distric		792	720	72	0	0
Court of Collector-cum-Distric		1230	<u>1227</u>	3	0	0
Court of Collector-cum-Distric		3892	<u>1343</u>	2432	233	32
Court of Collector-cum-Distric	-	730	<u>730</u>	0	0	47
Court of Collector-cum-Distric	t Magistrate, Gaya	394	<u>375</u>	19	29	0
Court of Collector-cum-Distric	t Magistrate, Supaul	884	<u>374</u>	510	82	37
Court of Collector-cum-Distric	t Magistrate,Saharsa	105	<u>99</u>	0	0	0
Court of Collector-cum-Distric	t Magistrate, East Champaran	696	<u>695</u>	1	0	0
Court of Collector-cum-Distric	t Magistrate, Darbhanga	982	<u>532</u>	15	123	0
Court of Collector-cum-Distric	t Magistrata, Aracia	2508	2074	434	0	0

Designed and Developed by NIC, Bihar State Centre





It Caters online booking for heritage Buildings and Bhawan of Bihar for Building Construction Department, Govt. of Bihar

Project Details

- 1. Online Booking of Bhawan of Samrat Ashoka Convention Centre, Adhiveshan Bhawan and M. M. H. Auditorium.
- 2. Facility to search the availability status of different buildings on dates and time slot basis.
- 3. Online booking of buildings using net banking and cheque /DD mode facility also.
- 4. Booking is accepted or rejected by the admin of department
- 5. SMS alerts are sent to applicants after approval, rejection and cancellation against booking of premises.
- 6. Revenue has increased two fold after implementation of this Online Booking system. Organizations from outside Bihar can also book through this system.





Case Information System for Central Administrative Tribunal Patna & Ranchi Bench.

Project Details

- Central Administrative Tribunal Patna Bench has been chosen as pilot for Implementation of Advance Case Information System software
- Filing case till its disposal all modules available in this project
- Daily Cause List, Order/Judgments is being generated and retrieved from website of Central Administrative Tribunal http://cgatnew.gov.in/catweb/patnanew/patnanew.php.





E-Niwas

- A web based (G2E/G2G) Government Quarter Allotment Management System has been developed and implemented for the allotment of different types of available government accommodations to employees and Government departments of the state. It has streamlined the entire allotment process of the state government.
- Key Features :
 - Online request for allotment of Government Quarters.
 - Online request can be placed for the change of Govt. Quarter.
 - Intimation of allotment and rent process though SMS.
 - Online collection of rents.
 - Integration with OGRAS(Online Government Receipt Account System).
 - Integration with HRMS.
 - MIS Reports generation.



Inventory:

- □ No. of Govt. Quarters allotted : 26208
- □ No. of Active Allottee : 2208

DIGITAL Platforms and Products

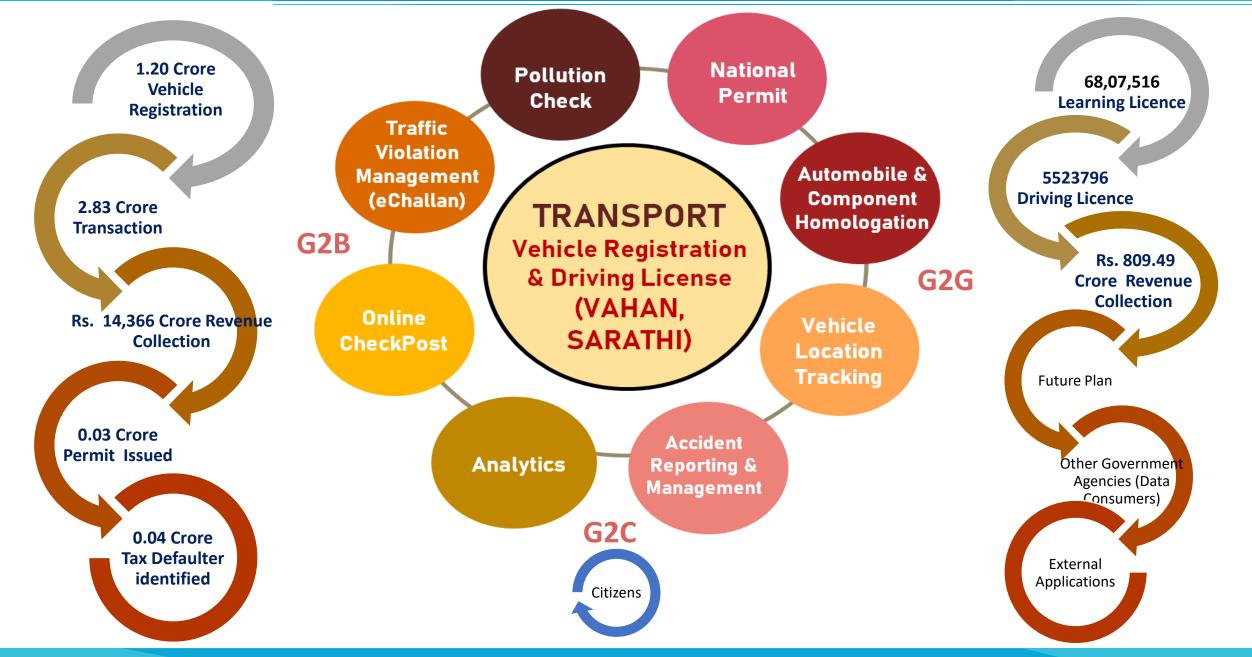
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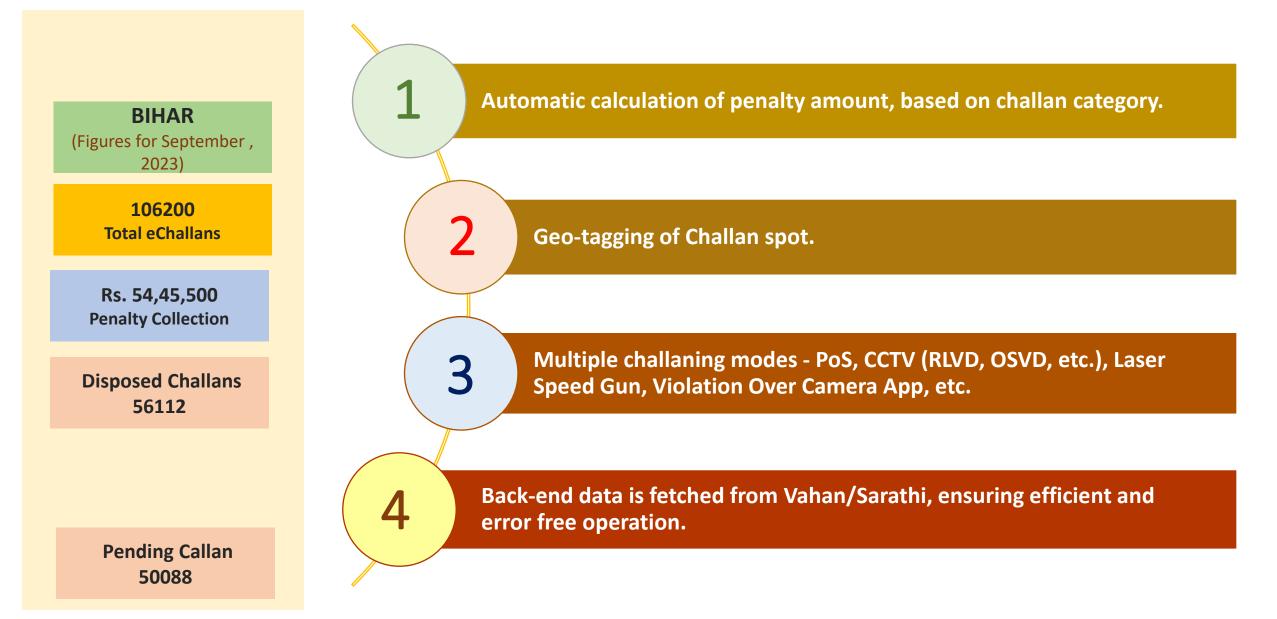
eTRANSPORT MMP: PUBLIC DIGITAL PLATFORM





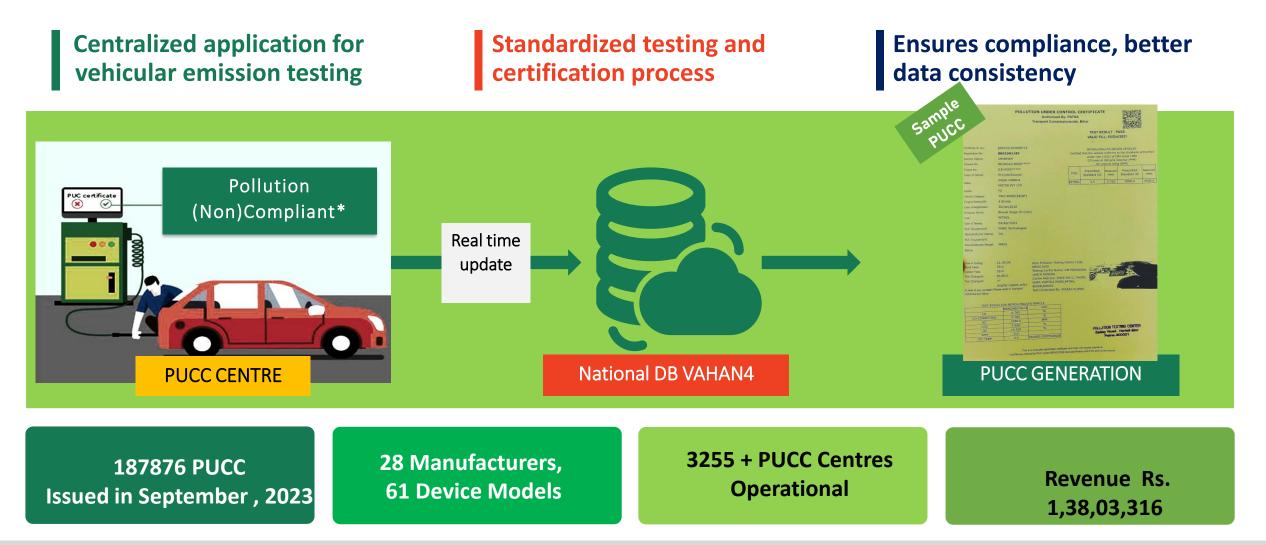












*Based on smoke parameter (captured through API provided by the manufacturer), vehicle number plate (through Webcam). **PUCC is issued**, if measured pollution emission value is as per norms.



VEHICLE LOCATION TRACKING SYSTEM







Monitor and **Track Public** Vehicles

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

Provision to send Panic alert and activate Emergency Response



Control Centre 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

23645 vehicles registered on this portal so far



iRAD (INTEGRATED ROAD ACCIDENT DATABASE)



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

Data Sources

Police Department, Health

Department, Transport

Department, Highways/

NHAI, Citizen

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

Data Consumers

MoRTH, Police

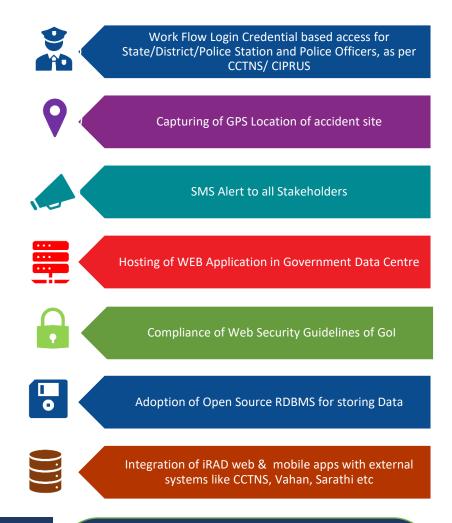
Department, Transport

Department, Health

Department, Highways,

Insurance





Software Roll Out in Police Transport Road and Under process for Health Department Since Implementation, data related to 14193 persons killed, 6086 persons suffering grievous injury and 8553 persons suffering minor injury have been stored in the system.

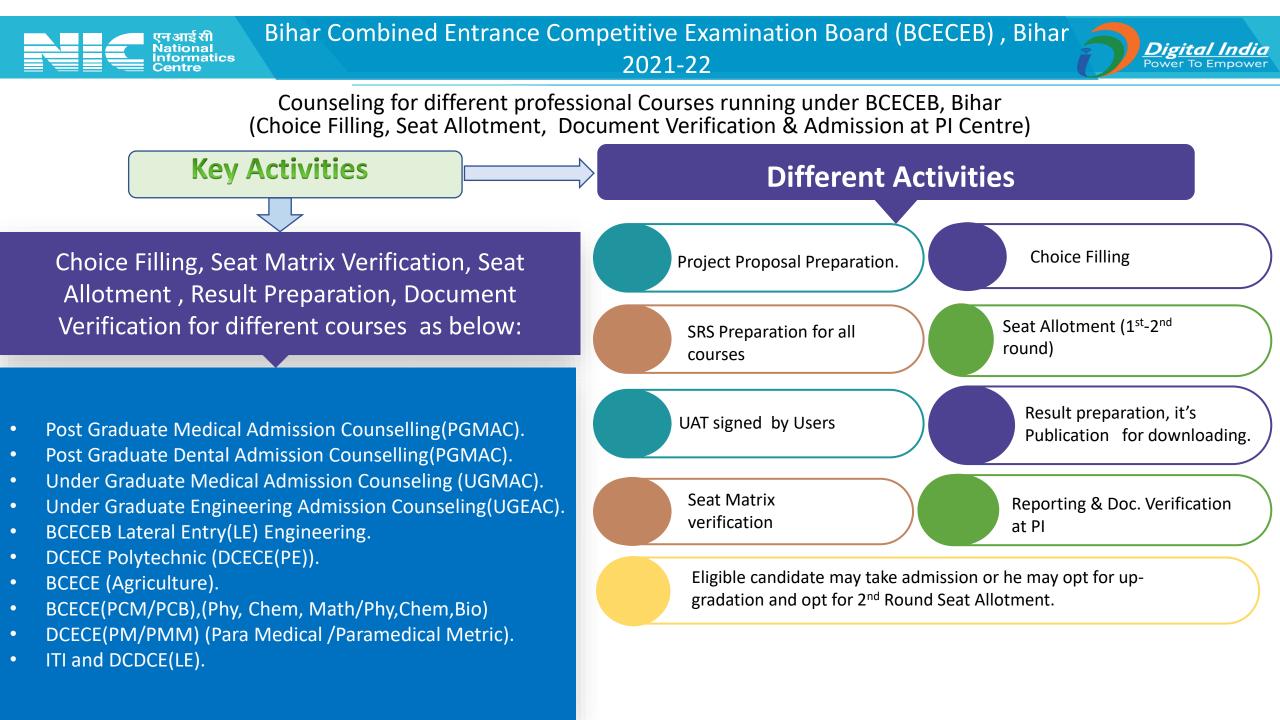
16653 live accident data has been captured by iRAD application from Bihar with the help of 38 DRMs. Usage is expected to increase with time.





Control Control Contr









Major Activity :

- ✓ Preparation of StRS,
- ✓ Seat Allotment,
- ✓ Statistical Reports

eCounselling for the following Courses (13 Courses):

UGMAC	PGMAC	PGDAC	UGEAC
BCECE-Engg	POLYTECHNIC	DLE	ITI
PCMB-Joint	Agriculture	BLE	DCECE-PM
DCECE-PMM			

In Session 2022-23

Total Counselling	Total Institutes Participated	Total no. of Choices Processed	Total Students Participated	Total Seat Allotted
13	620	1.2 Crores	253169	95748





Initiated by the Department of Land Resources, Ministry of Rural Development, Government of India

NGDRS is a common, generic and configurable application developed for registration departments across the country

Empowered citizen by enabling property valuation, online document submission, Online payment of Stamp duties and fees and online appointment to visit registration office for registration of document.

Operational in 19 states and UTs

Decided to implement NGDRS in the state in November

Most of the popular Instruments has been configured and tested.

NGDRS

National Generic Document Registration System

https://registry.bihar.gov.in

Online services for payment of Stamp duties and Fee through OGRAS and estamp have successfully been configured.

Launched in the state on 29/03/2022

Two Sub-Registry offices Halsi (Lakshisarai) and Dheng (Sitarmarhi) have been selected for pilot implementation.





Weights & Measurements Management Information System(WeMMIS)

2

1







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

Progress				
<u>Trader</u>	<u>Manufacturer</u>	<u>Dealer</u>		
111354 - Verification Certificates(VC) issued for trader.	26 – New Licenses 16 –Licenses renewal 334 – Lab Passing	41 - New Licenses 179 - License Renewal 836 - Lab Passing		
<u>Repairer</u>	Packer/Importer	Revenue Collection		
06 - New Licenses 29 -Licence Renewal.	8 – New Registration.	- ₹ 31.5 crore since 21 July 2021		
		- ₹ 8.5 crore in Apr- Jun Qtr 2022.		

- Verification and Stamping of Weights and Measures Instruments.
 - Issuance of Licence of manufacturer of weights and Measures Instruments.
- 3
- Issuance of Licence of Dealer of Weights and Measures Instruments.
- 4

5

6

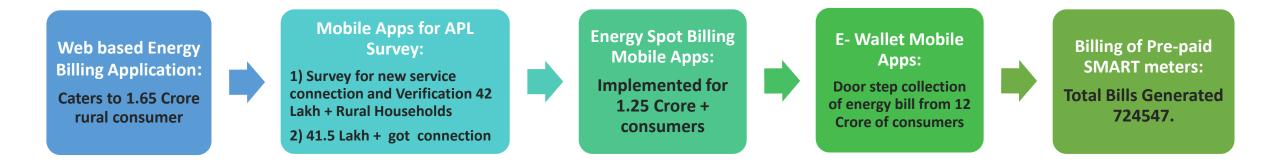
8

- Issuance of Licence of Repairer of Weights and Measures Instruments.
- Renewal Of Licence Of Manufacturer of Weights and Measures Instruments.
- Renewal Of Licence Of Dealer of Weights and Measures Instruments.
- Renewal Of Licence Of Repairer of Weights and Measures Instruments.

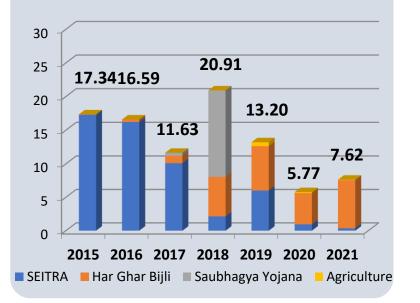
Registration of Manufacturer / Importer of Package Commodities



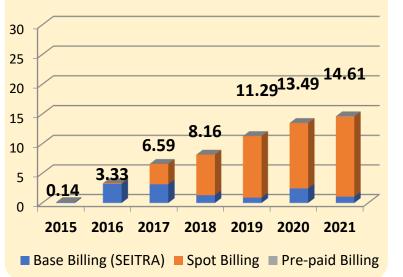




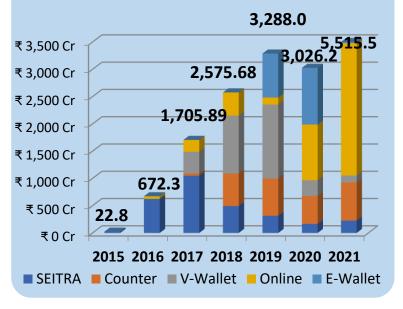
New Connection (in Lakh)



Bill Generation (in Crore)



Revenue Collection (in Crore)

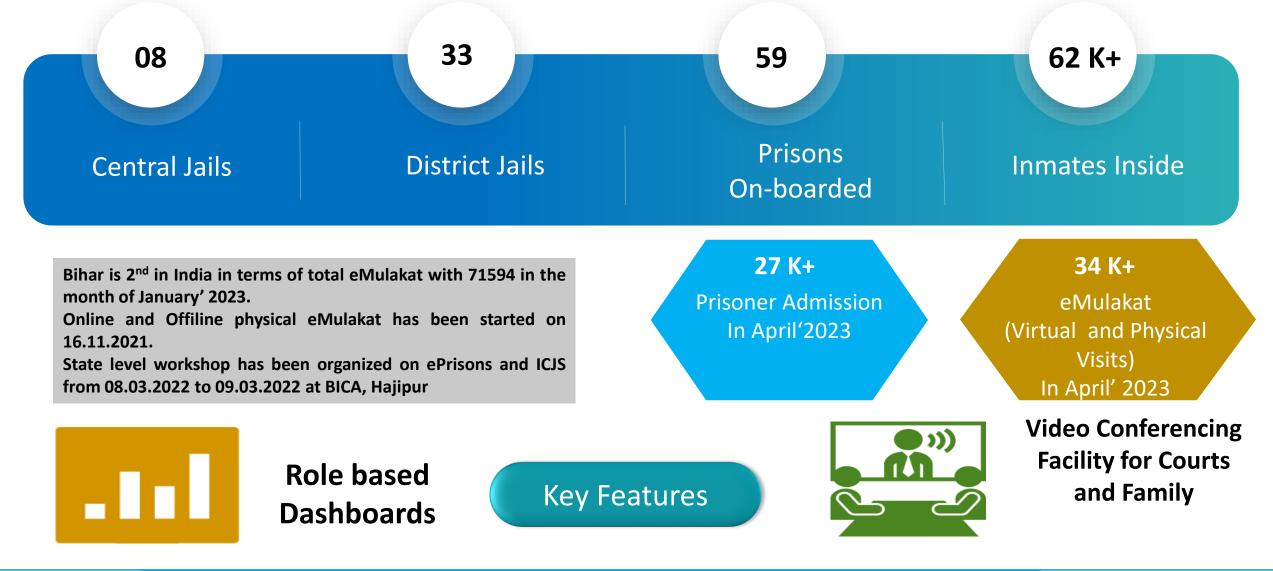




E-Prisons



Digital Innovation in Correctional Homes



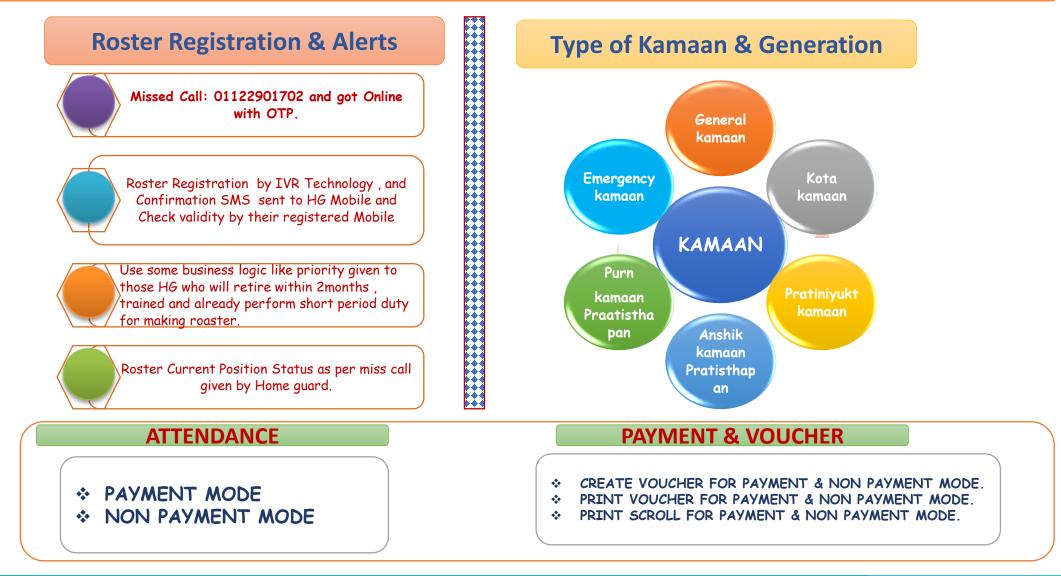


e-Kamaan Services



Home Guard

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





CHANAKYA



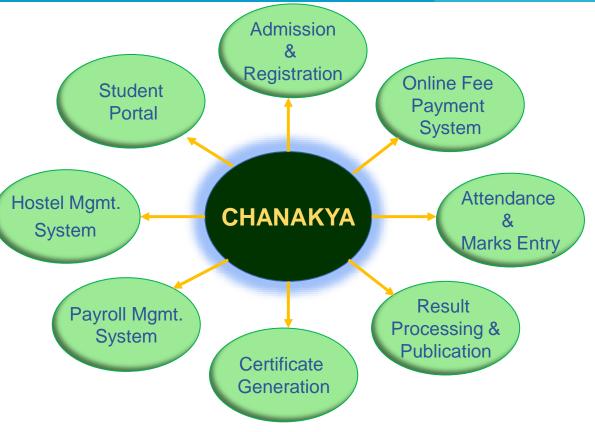
- **Chanakya** is a web enabled application for computerization of
- all the pre & post examination activities of universities/institutions
- along with Payroll and Pension management, Fee **Management & Hostel Management system**
 - Chanakya project is also under the process of implementation at:

NIT-PATNA

NIT

Patna

- Bihar Paramedical/Paradental Examination Committee
- ➢ Bihar Engineering University
- Bihar Health Science University





NIT

Durgapur



BASU

Patna



MMHA & PU **KSDSU** Darbhanga

Patna



MMBU

Agartala

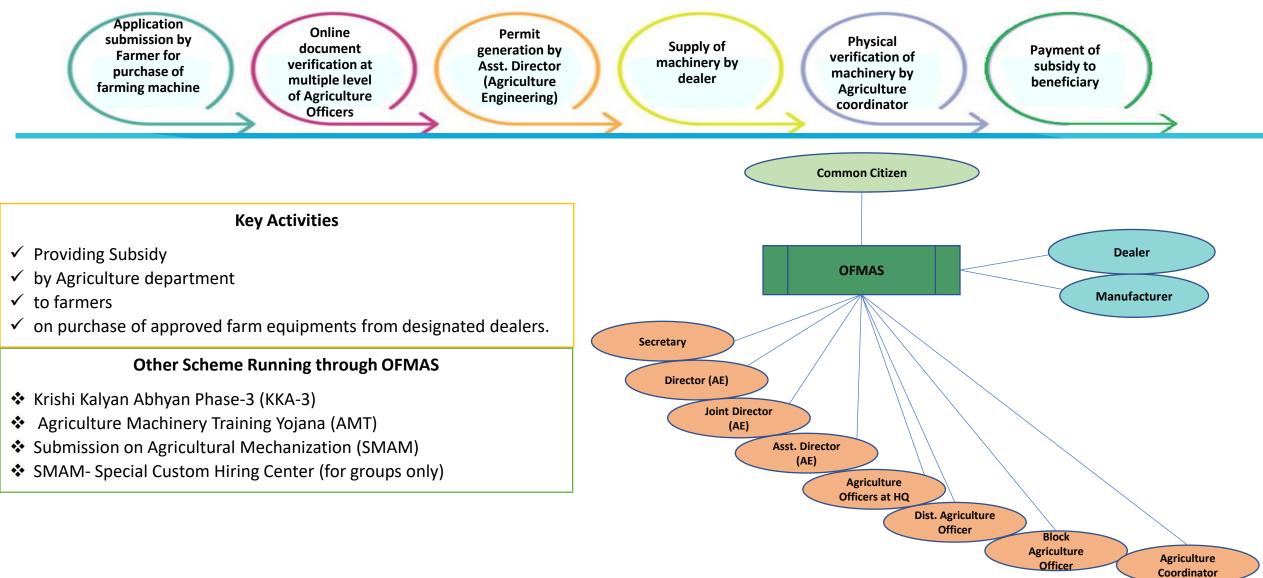






Online Farm Mechanization Application Software

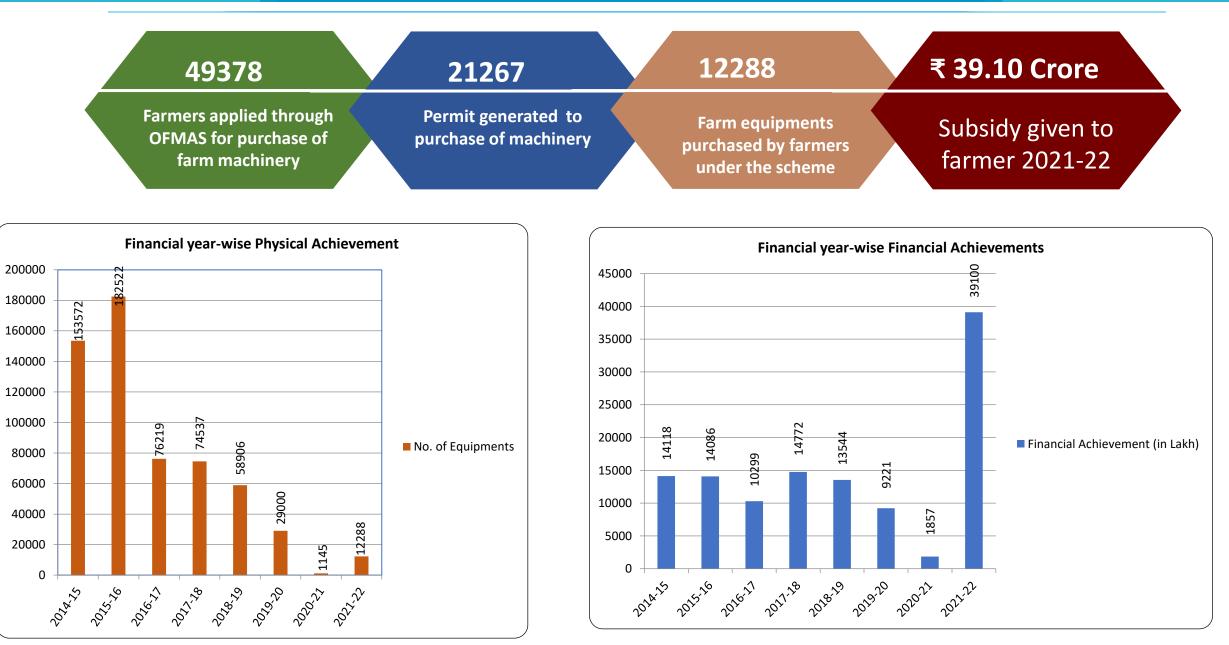
(Solution for Disbursement of Input Subsidy on Farm Machinery)





OFMAS Transactions in Financial Year (2021-22)









Transactional status under different schemes through OFMAS FY 2022-23

Agriculture Machinery Training Yojana (AMT)

- ✓ Application Received : 1920
- ✓ Training Approved : 398

State Plan, NFSM, NFSM-Oil Seed, BGREI Plan

- ✓ Application Received : 150331
- ✓ Permit Generated : 57591
- ✓ Implement Supplied to Farmer : 33024
- ✓ Physical Verification : 29344
- ✓ Subsidy Released : 17021 (₹ 41.6 Crore)

Submission on Agricultural Mechanization (SMAM) –Custom Hiring Center

- ✓ Application Received : 1615
- ✓ Permit Generated : 78

Krishi Kalyan Abhiyan Phase-3 (KKA-3)

- ✓ Application Received : 27
- ✓ Permit Generated : 14
- ✓ Implement Supplied to Farmer : 7
- ✓ Physical Verification : 7
- ✓ Subsidy Released : 3 (₹ 24 Lakh)



Portal is dedicated to render separate dynamic informatics web page of each Temple, Monastery, Dharamsala registered under Bihar state board of religious trust. It is designed to show its images, address, Mahant's details, property details along with encroachment, illegal transfer, etc., and many more.

✓ Security Audited & hosted at Bihar state Data Center. http://bsbreligioustrust.bihar.gov.in/

Total Religious Institutions on Platform:1232Land Recorded for Religious Institution:4010 Acre







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 implement planning program 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 163806

- Pregnant Women's Registration in Reporting Month 156294
- Children Registration in Reporting Month 180101
- Eligible Couple cumulative since implementation 19531768
- Pregnant Women's cumulative in FY 2022-23 1383110

Children cumulative since implementation 2022-23 **1344437**





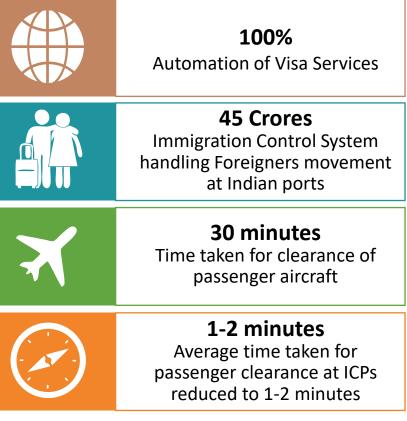
State Home Department - Bihar

Immigration Check Posts Gaya Airport, Raxaul and Jogbani

Special Branch - Bihar

Foreigners Registration Offices (FROs)-40





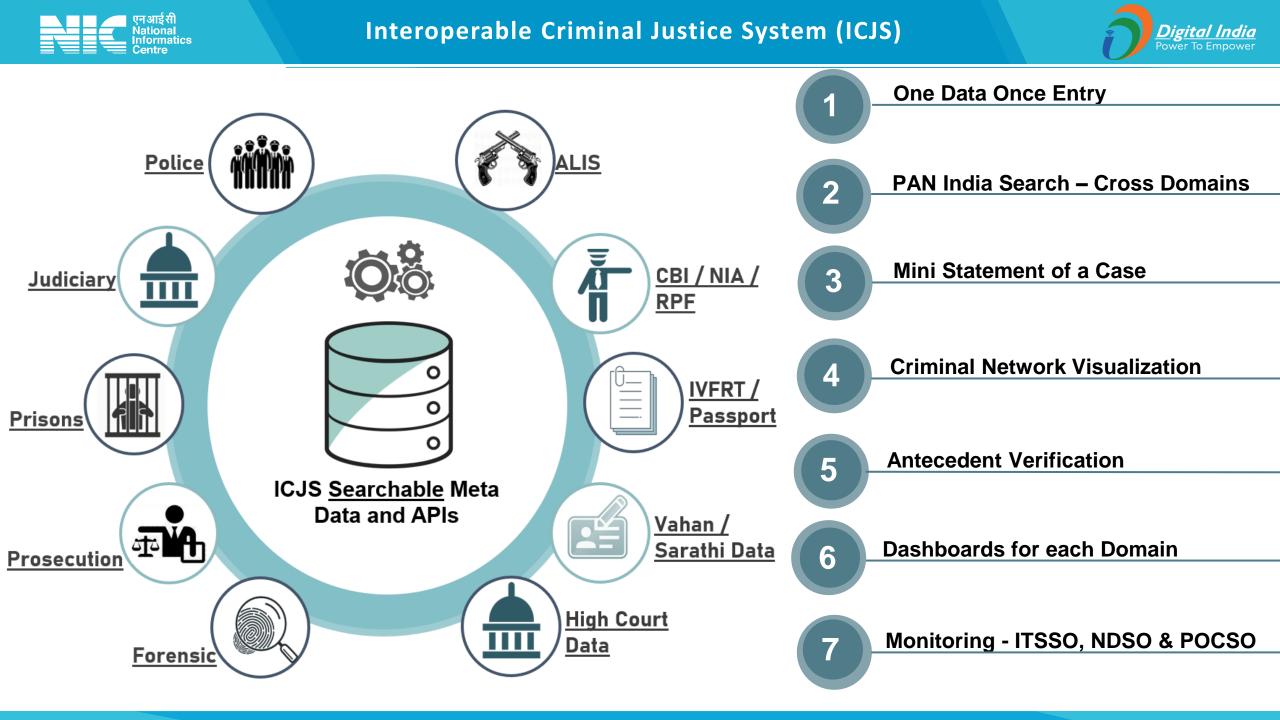
Registration of foreigners and automated updation of the particulars at touch points

Improved tracking of foreigners by near real-time information sharing with security agencies Travellers authentication at various touch points through intelligent document scanners and biometrics

Centralized system for sharing of information across all concerned stake holders

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, ebusiness etc.









Integration process with CFMS is going on

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

> Implementation Support to Central Govt. offices of Bihar

I have submitted my Digital Life Certificate on Jeevan Pramaan

a

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

Implementation Support to offices of Bihar State Govt.





Election Personnel Management Information System (EPMIS) web application is for deployment of Polling Personnel on booth through randomization process during Election and ICT solutions was implemented across all 38 Districts of Bihar. Role based web application for creation of online employee database and Personnel deployment through randomization technique including use of mobile app for Photo Capture and Training Attendance.

EPMIS-Features

- Distributed Data Entry
- Employee Photograph Collection and Modification
- District Wise Deployment
- Generation of orders for the Deployment
- Intimation through SMS
- Communication Plan

EPMIS-Functionalities

- Deployment of polling personnel at polling stations is the major
 functionality of the software. Polling personnel are categorized in 6 (six) major categories.
 - Presiding Officers
 - Polling Officer-1
 - Polling Officer-2
 - Polling Officer-3
 - Patrolling Magistrates
 - Micro-Observers
- Randomization Process(Online) for the Polling Personnel Deployment
- Randomization Process for the Counting Party Deployment

Benefits, Impacts & Achievements

- Centralized Database
- Centralized Support
- Centralized as well as distributed backup plan
- Multiple reports
- Poll-day Communication Plan
- Distributed Monitoring mechanism
- District level and State Level Dashboard
- 24 * 7 Availability
- Assembly Bye-Election 2022 (91-Bochahan, 101-Gopalganj, 178-Mokama)
- 2. Bihar Nagar Palika General Election-2022 conducted successfully using this application.





The system automates the process of movement of forces for different phases of elections, reporting of home-guards, deployment of state forces to booths and PCCP, reporting from booth, SMS alerts at various stages of deployment. The system is a web-based online software which integrates functions of various stakeholders such as SP Office, Commandant of Home Guards office, Election Office, Vehicle Cell, Reporting Cell, Command Distribution Centre, Enquiries and Helpdesk etc.

Force Deployment - Features

- Online workflow based system
- Identifying each designated polling staff by an unique serial no
- Online sharing/movement of Police personnel database for different phases of elections by concerned Police Administrations.
- Monitoring of Force movement/arrival against allotment to the district.
- Standardized application for Parliament and Assembly Elections with capability to support local elections to Nagar palika, Panchayat (Local Bodies Election) etc.
- Preparation of Force Identity Card, used during poll duty.
- Generation of Command letters with photograph & deputed Force Identity Card.
- Automated deployment of police force on election booth for free and fair elections.
- Helpdesk and Online Search facility for duty of Police Personnel and Home guards & SMS alert.

Functionalities

- Deployment of forces (DAP, SAP, CID etc) and Home guards on Booths Building, PCCP with randomization technique.
- First step is to master data entry/ updating for Police offices and nodal officer, Police personnel and Booth buildings from district level.
- Phase wise movement plan is entered by the state nodal of Police HQ.
- Donner districts select the forces officers and constables and send to recipient districts. Transfer SMS is sent to concerned police personnel.
- CAPF entry
- Recipient district receives the data and lock it and starts randomization process.
- Before staring the process no. of strength in a party is filled. In case of female police constable it is mandatory to deploy at least two in a party. Select the strength from districts and randomized. Command and duty slip is generated.
- After randomization in case of PCCP, magistrate and police officers data is exchanged online from EPMIS and then PCCP command generates.



Home



Benefits, Impacts & Achievements

- Centralized Database
- Centralized Support
- Centralized as well as distributed backup plan
- Multiple reports
- Poll-day Communication Plan
- Distributed Monitoring mechanism
- District level and State Level Dashboard
- 24*7 Availability



PCCP Details Outgoing Personnel View Allotment List Duty Slip Booth Building Transfer Back of Transferred Personnel Unlock Individual Party Role Categor Summary CAPF View & Lock Incoming Personnel Allotment Summary Transfer Rep Uodate Party Formation View & Unlock Incoming Personnel Generate Alloted PCCP XML for Elecon Deputation R IFSC Code Entry Uodate Outooing Personnel Role Send Duty SMS Command Pr Uodate Incoming Personnel Role Exclude Transferred Officer Search Your		OFFICE IELECTORAL Master Entry	Contraction of the second second		PAT Log Out Change P	>
AC Setup Police Personnel Transfer To District View Allotment List Duty Slip PCCP Details Outgoing Personnel Unlock Individual Party Role Categor CAPF View & Lock Individual Party Allotment Summary Transfer Rep Uodate Party View & Unlock Incoming Personnel View & Unlock Deputation Rep Send Enrollment SMS View & Unlock Send Duty SMS Allotment Deputation Rep IFSC Code Entry Uodate Outooing Personnel Role Send Duty SMS Command Pr Uodate Incoming Personnel Role Exclude Search Your Search Your Exclude Transferred Officer Generate PIN of Search Your Search Your	Nodal Officer	Office Entry	Generate PIN Text	Randomize	Check List	•
PCCP Details Outgoing Personnel Duty Slip Booth Building Transfer Back of Individual Party Role Categor CAPF View & Lock Individual Party Transfer Rep Uodate Party Formation View & Lock Generate Alloted Deputation R Send Enrollment SMS View & Unlock Send Duty SMS Allotment Deputation R IFSC Code Entry Uodate Outooing Personnel Role Send Duty SMS Command Personnel Summary Rep Uodate Incoming Personnel Election Voting Related Search Your Generate PIN of Generate PIN of Search Your	AC Setup	Police Personnel	Transfer To District	Police Personnel	Exclusion Report	
Booth Building Transfer Back of Transferred Personnel Individual Party Role Categor Summary CAPF View & Lock Individual Party Allotment Summary Uodate Party Formation View & Unlock Generate Alloted Deputation R Send Enrollment SMS View & Unlock Send Duty SMS Allotment Def IFSC Code Entry Uodate Outooing Personnel Role Send Duty SMS Command Pr Uodate Incoming Personnel Role Election Voting Related Search Your Generate PIN of Transferred Officer Generate PIN of Transferred Officer Search Your		PCCP Details	Outgoing Personnel	View Allotment List	Duty Slip	•
View & Lock Alotment Summary Transfer Rep Uodate Party Incoming Personnel Generate Aloted Deputation R Send Enrollment SMS View & Unlock Send Duty SMS Allotment De IFSC Code Entry Uodate Outooing Personnel Role Summary Re Uodate Incoming Personnel Role Election Voing Related Exclude Transferred Officer Generate PIN of Transferred Officer					Role Category Summary	
Formation Incoming Personnel Generate Alloted Deputation R View & Unlock Incoming Personnel Send Duty SMS Allotment Def IFSC Code Entry Uodate Outooing Send Duty SMS Command Pr Uodate Incoming Personnel Role Summary Re Summary Re Exclude Transferred Officer Search Your Search Your			View & Lock	Allotment Summary	Transfer Report	•
Send Enrollment SMS View & Unlock Incoming Personnel Send Duty SMS Allotment Dell IFSC Code Entry Update Outooing Personnel Role Send Duty SMS Command Pr Update Incoming Personnel Role Update Incoming Personnel Role Election Voting Related Exclude Transferred Officer Search Your			_		Deputation Report	•
IFSC Code Entry Ubdate Outcoing Personnel Role Ubdate Incoming Personnel Role Exclude Exclude Transferred Officer Generate PIN of Transferred Officer		Send Enrollment SMS			Allotment Details	
Update Incoming Personnel Role Election Voting Related Exclude Transferred Officer Search Your Generate PIN of Transferred Officer		IFSC Code Entry		Sond Baty Sind	Command Prints	•
Personnel Role Voting Relate Exclude Transferred Officer Generate PIN of Transferred Officer			Personnel Role		Summary Report	
Transferred Officer Generate PIN of Transferred Officer					Election Voting Related	•
Transferred Officer					Search Your Duty	
Police Personnel Transfer Strength			Police Personnel Transfer Strength			

Modules-District login



GIS based Solutions for State Election Commission, Bihar



A web and GIS based portal has been created which shall not only assist in providing the Election related service in the state but also act as a decision support system to plan and execute election related activities. The portal shall help State Election Team in monitoring and allow to generates reports to the concerned authorities.

http://164.100.37.22/EleBooth/Default.aspx (Web Portal) https://gis.bih.nic.in/DEPTS/secb.aspx (GIS Portal) Ele-Booh Application & Mobile Apps

ns

Key Features

- ✓ GIS Layers for ULB, Ward, Booth and important Places of the Bihar
- ✓ Streamline Election Management
 - It Helps Coverage and Proximity of Thana, Vulnerability Mapping, Preparation of Route Charts for Force Traversal for the State Election Commission of Bihar.
 - Officials coordinate a wide range of factors, like inspecting polling places, securing voting systems, registering absentee or provisional ballots and communicating with members of the public.
 - Election officials can either share the information in real-time during voting hours or analyze the data post-election to inform

Key Statistics

- ✓ Web User 300
- ✓ ULB Ward Boundary Created 246
- ✓ Booth Location Approved 11805
- Booth E-Roll Updated 8258

Ele-Booth mobile App has proved to be a simple and easy solution for real-time location, multimedia and attribute data collection right within your mobile platform in the field. According to Ele-Booth, everything you need right in the field to achieve real-time data collection and upload to the server is provided in the app.

https://play.google.com/store/apps/details?id=in.nic.bih.boo thlocator

Key Features

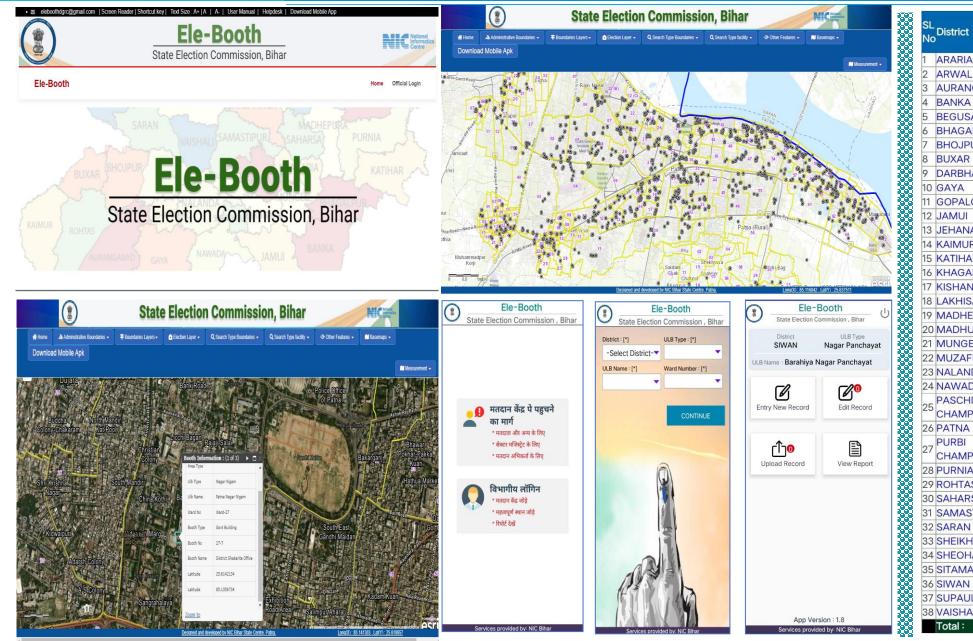
- Offline data capture
- ✓ Media (photos) enriched location information
- Dropdowns, lists and input boxes based on custom forms
- ✓ Review data attributes directly in the app
- ✓ Real time GPS location
- Situating polling places in easily accessible locations to reduce the need for voters to travel long distances.
- ✓ Available on Google Play Store

Key Statistics

- ✓ Mobile User Registered (Official & Public) 3120
- ✓ Booth Location Captured 16264
- ✓ Important Places Captured 23590

GIS based Solutions for State Election Commission, Bihar





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nformatics

SL No ^{District}		Total Booth Location	Booth Approved	Booth Pending	ERoll Updated	ERoll Pending	Total Important Places
1 ARARIA		273	228	45	230	43	381
2 ARWAL		66	54	12	66	0	148
3 AURAN	GABAD	198	198	0	198	0	379
4 BANKA		140	90	50	90	50	363
5 BEGUS	ARAI	540	0	540	322	218	621
6 BHAGA	LPUR	650	559	91	309	341	724
7 BHOJPU	JR	396	387	9	381	15	684
8 BUXAR		194	0	194	157	37	383
9 DARBH	ANGA	551	551	0	193	358	1034
10 GAYA		661	629	32	650	11	924
11 GOPAL	GANJ	219	185	34	185	34	745
12 JAMUI		102	100	2	86	16	272
13 JEHANA	ABAD	197	197	0	197	0	445
14 KAIMUF	२	174	141	33	109	65	251
15 KATIHA	R	348	348	0	347	1	483
16 KHAGA	RIA	300	300	0	300	0	503
17 KISHAN	IGANJ	169	156	13	156	13	367
18 LAKHIS	ARAI	247	0	247	0	247	213
19 MADHE	PURA	240	5	235	0	240	277
20 MADHU	JBANI	157	76	81	39	118	178
21 MUNGE	R	409	287	122	287	122	921
22 MUZAF	FARPUR	567	467	100	157	410	773
23 NALANI	DA	644	629	15	566	78	1249
24 NAWAD	A	298	298	0	247	51	226
25 PASCHI		432	428	4	428	4	625
26 PATNA		3579	1844	1735	0	3579	3198
27 PURBI CHAMP	ARAN	427	354	73	0	427	732
28 PURNIA	ν.	504	499	5	491	13	871
29 ROHTAS	S	539	539	0	523	16	1032
30 SAHAR	SA	483	157	326	157	326	538
31 SAMAS	TIPUR	616	525	91	0	616	1044
32 SARAN		490	486	4	486	4	516
33 SHEIKH	PURA	174	174	0	174	0	372
34 SHEOH	AR	48	48	0	0	48	1
35 SITAMA	703103 874	321	301	20	301	20	818
36 SIWAN	1997 199	351	326	25	184	167	518
37 SUPAU	1	195	195	0	195	0	372
38 VAISHA	24.6	365	44	321	47	318	409
				100000-01		10000	23590
38 VAISHA Total :	LI	365 16264	44 11805	321 4459	47 8258	l	

Integrated Mining Management Information System

IMMIS is proposed to be implemented at Mining department. This is a web based platform for bringing efficiency and transparency to mineral administration in the State. There are many critical business processes involved in various level of activities related to mineral production and consumption by the consumers. To ensure end to end mapping of mining regulatory and monitoring process, field visits and interviews of variety of stakeholders was done. The difficulties faced day-to-day by the Government were mapped.

IMMIS-Features

- Multi-channel accessibility via web and mobile interfaces.
- Single window to the G2B, G2G and G2C services.

- Mobile Applications are provided for collection of data at source.
- Responsive Design
- 24/7 Accessibility.
- Content personalization and Content management.
- Multifactor Authentication
- 24/7 Accessibility

IMMIS-Deliverables

- Dashboard for the Department
- User Registration, Authentication and Profile Management
- Master Creation of Rivers, Ghats, Settlee profile, Stockiest Profile.
 - Vehicle Registration and validation of vehicle details with Transport Department data through API.
- Online e-Challan Generation by settlee / stockist using his/her credential.
- Mobile Application for Field Level functionaries for Challan verification.
- Facility to apply online for K-License and Online issuance of K-License.
- Online e-payment facility.
- Capacity building and Change Management Statewide Rollout.
- GIS Layers for Mines areas for Bihar.
- Geo-tagged repository of available resources.

IMMIS-Benefits, Impacts & Achievements

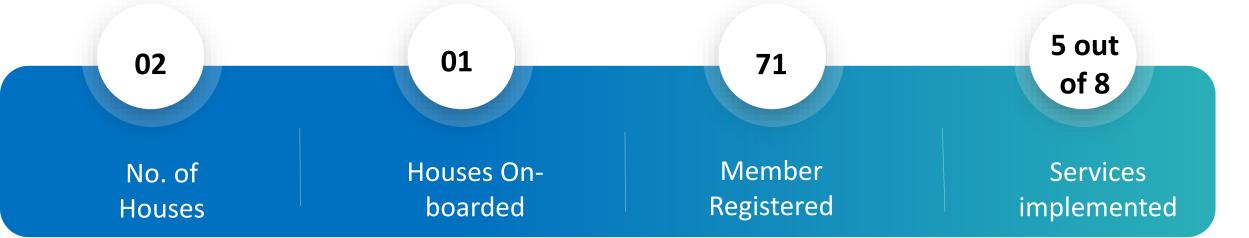
Digital India

- Strengthen mineral administration.
- Enforcement of mineral laws and rules.
- User friendly screens to update mining statutes time-to-time.
- Monitoring transporters activity involved in mineral dispatch.
- Monitoring of processes through IT based systems
- Facilitate Mining Department to curb the issuing of fake challan.
- Proper control mechanism of Challan Generation :-
 - With Ghat /District wise target of Mineral Extraction .
 - With Installment wise payment of royalty by settlee.
 - ➢ With Lease validity of Settlee.
- Adoption of ICT tools for delivery of services

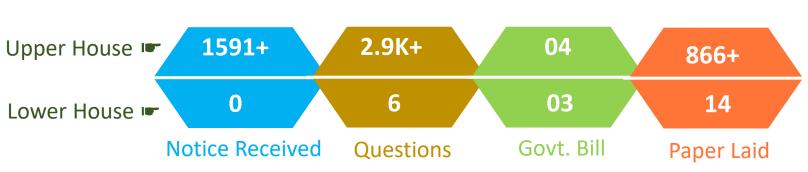


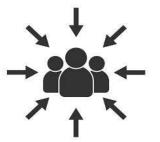


One Nation One Application



Bihar Legislative Council become the 1st digital house of the country where 199th session has been carried out through National eVihadn 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 17th Bihar Legislative Assembly -5th session and 200th session of Bihar Legislative Council has done by NIC.





Device Neutral Member centric

Key Features





GST Prime



GST Prime NIC-GST Analytical System

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







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 their and ultimate repatriation and rehabilitation. The TrackChild portal is dedicated to the cause of tracking missing and children. vulnerable 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 -201 Children Recovered - 42 Matched Out of Missing -7 Still Missing – 194 Match Out of Recover -8 Recovered but Family Untraced -34





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भौतिक निरीक्षण

्याचे प्रगति रिपोर्ट बार्ड-दोश की लिगी



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	
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	40/9 50
Aangan Bihar	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	जल-जीवन-हरियाली नागरिक लॉग
ePACS Bihar Grains	Helps PACS/Vyapar Mandals in procurement of Paddy from Farmers to ensure MSP.	Social Development	मोसाईल गम्बर
ePACS Bihar Payment	Used by Co-operative Banks for payment to PACS/VMs based paddy procurement figures.	Rural	प्रांशगर्ड सॉग इन करे
Disaster Management	Helps in capturing the damages to households from a Disaster	Rural	यासवर्त प्राप्त करें
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	ऐ य का वर्जन2.8
e-Peyjal	This app is for pipe water supply monitoring for Public Health Engineering Department of Govt. of Bihar	Rural	Services provided by: NiC Dihar
LSBM INSPECTION	This application is developed for surveying the toilet data of 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
कारी जान विभाग 🎲	e-Niwas	This app has been developed to inspection of Vacant & allotted flat under e-Niwas with Geo-tag image. Department -Environment & Forest	Housing
पायती राज विभाग ayat Ra Department, Govt. of Bihar 🕍 लॉग इन	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
लॉय इन	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
p Version : 1.3 (000000) vices provided by: NIC Bihar	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





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
D· 전 않았 ‱ 《게 35% #	e-Sahkari	The Government is helping farmers by providing subsidies to procure machinery to improve farm input and farm power availability. The Application has been developed to monitor the procurement of subsidized machinery.	Agriculture
	AHMS	Advertisement Hoarding Management System is for the management and maintenanace of hoardings placed by Government.	State Government
Bhar Parichuy	Ele - Booth	This App is for departmental use of Chief election officers for Capturing the location of Booth & Major Utilities.	CEO, Bihar
	Post Matric Scholarship	The application has been developed to support the functionality of web portal. With the help of app, a student can enroll himself/herself for scholarship, Institute can verify that student and proceed their application for further process.	Education
1 1 District	EOC Reporting App	The app has been developed for Disaster Management (Government of Bihar) for the inspection of the condition of loss caused by natural hazards like flood.	Disaster
a ne	Grih Darshan	The app has been developed for The GIS mapping of major utilities and offices under home department.	Home Department
Important	Disaster Rescue & Relief	The app has been developed for tracking the movement of SDRF, NDRF team assigned for different Relief and Rescue operation performed during the occurrence of any disaster.	Disaster
Offices	Prak	The app has been developed for BC/EBC department, Govt. Of Bihar for the training purpose of the of BC/EBC candidate for different competitive examination. This application will mark the attendance of such candidates who will participate in the training.	Social Welfare Department
	Kala Sanskriti Darshan	This app has been developed for Youth Art and Culture Department of Bihar.	Youth Art and Culture Department
	Janta Ke Darbar me Mukhyamantri	The App has been developed for the Chief Minister Bihar, to establish direct communication with the people of the state, to be aware of their problems and grievances and to establish an effective system for their speedy redressal.	Chief Minister Office



NIC @NICMeity · May 8

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संसदीय राजभाषा समिति ने पटना मे राष्ट्रीय सूचना विज्ञान केंद्र, बिहार राज्य केंद्र, पटना के साथ निरीक्षण बैठक की। इस दौरान समिति ने मंत्रालय एवं विभाग के वरिष्ठ अधिकारियों की उपस्थिति मे हो रहे राजभाषा हिन्दी के कार्यों का अवलोकन किया। #NICMeitY #SecondsubCommitte

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NIC 🤣 @NICMeity · Jan 13

Hon'ble Minister of Industries, Bihar selected the beneficiaries from the applications received under 'Mukhya Mantri Udyami Yojana', through 'eLottery', the computerized randomization system developed by NIC which randomly selects the beneficiaries.

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Ministry of Electronics & IT and 6 others

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A State Level Seminar & Workshop was organized by Weights & Measures Division of Agriculture Dept, Govt. of Bihar in coordination with NIC Bihar State Centre on eMaaptaul. Deputy Director, #NICMeitY briefly highlighted all the important functionalities/key features of eMaaptaul.



State Level Workshop Organized for Legal Metrology on eMaaptaul





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Ministry of Electronics & IT and 6 others



आईएएस-सह-जिलाधिकारी, पटना ने जिला गेस्ट हाउस ऑनलाइन बुकिंग ऐप्लिकेशन districtguesthousepatna.bihar.gov.in का उद्घाटन किया। एनआईसी द्वारा विकसित यह प्रणाली गेस्ट हाउस के आनलाइन बुकिंग और रद्दीकरण में सहायक है। #NICMeitY





The Chief Secretary of Bihar released Civil List 2023 of Bihar Cadre, through Sewa Itihas portal. Developed by NIC, the portal manages Govt officers' details - Service Cadre, Pay Scale, Grade, and Working Status with complete service history. sewa-itihas.bih.nic.in

#NICMeitY



Ministry of Electronics & IT and 6 others

5:09 PM · Mar 3, 2023 · 1,184 Views

6 Retweets 35 Likes

NIC 🥝 @NICMeity · Mar 28

NIC

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Jal Jeevan Hariyali Portal and Post Matric Scholarship Portal by @NICMeity for Bihar received the #eGovernance Awards at the 20th CSI SIG eGovernance Awards 2022 ceremony, in New Delhi. #NICMeitY

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NIC 🤣 @NICMeity · Mar 31

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Advocate General of Bihar, in presence of Pr. Secy IT and ACS Home, inaugurated Court Cases Monitoring System Portal in the State. It aims to streamline the entire process of court case management & establish effective communication among all stakeholders. ccms.bih.nic.in

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NIC 🤣 @NICMeity · 3h

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Hon'ble CM, Bihar launched website of Bihar Engineering University. The website developed by NIC enlists all the affiliated engineering colleges of the state and provides information such as academic program, board of studies, syllabus and organization structure. #NICMeitY

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Launch of Bihar Engineering University Website by Hon'ble Chief Minister of Bihar

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NIC 🥝 @NICMeity · Apr 13

Medha Soft Portal (medhasoft.bih.nic.in/medhaint2023) facilitates transferring of financial assistance via DBT to the beneficiaries of Mukhyamantri Balika (Intermediate +2) Protsahan Yojana 2023. The portal an initiative of NIC, has been launched by Addl. Chief Secy, Education Dept, Bihar.

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Additional Chief Secretary, Education Department, Govt. of Bihar launched the online portal

https://medhasoft.bih.nic.in/medhaint2023

DGRC

🚓 www.nic.in 😋 @NICMeity 🚺 @NICIndia 💿 National Informatics Centre, Meity 🙆 @nicmeity 🤔 @NIC 👄 @NICMeitY Ministry of Electronics & IT and 5 others

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NIC 🥝 @NICMeity · 13m

BIHAR

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The MedhaSoft Bihar portal enables students to avail scholarship benefits being offered by Education Department, Bihar. NIC in Bihar has developed the centralized portal integrated with e-Labharthi platform to enable DBT of different scholarship schemes. **#NICMeitY** #NICInStatesUTs



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Medha Soft

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STATES/ UT

🚓 www.nic.in 💙 @NICMeity 🚯 @NICIndia 🕲 National Informatics Centre, Meity 🔞 @nicmeity 🔔 @NIC 🚥 @NICMeitY Ministry of Electronics & IT and 8 others

NIC @NICMeity · Apr 21

#eChallan, the Digital Traffic/Transport Enforcement Solution, an initiative of @MORTHIndia has been launched in Patna, Bihar. Training on the use of e-Challan in handheld devices was also imparted to 150 Police Officials at Sardar Patel Bhawna, Patna. #NICMeitY

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Ministry of Electronics & IT and 9 others

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Hon'ble Chief Minister of Bihar, in the august presence of Hon'ble Deputy CM and Hon'ble Minister of Building Construction Department, Government of Bihar inaugurated NIC Bhawan (the 5 Storied Building of NIC-Bihar State Centre), in Patna. #NICMeitY

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Lectronics & IT and 5 others

5:24 PM · Jun 7, 2023 · 895 Views

1 Retweet 17 Likes

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.@NICMeity organized a training program for @bihar_police on the #eChallan system, at Bihar State Police Headquarters, Sardar Patel Bhawan, Patna. The training was imparted to police officers for effective implementation of eChallan across all the Districts of Bihar. #NICMeitY

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Ministry of Electronics & IT and 5 others

1:58 PM · Aug 9, 2023 · 312 Views

2 Reposts 10 Likes 1 Bookmark









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