

**Government of India
National Informatics Centre
West Bengal State Centre**



**West Bengal State At A Glance
September 2025**

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Integrated Financial Management System (IFMS)



PRISM ID : 3122

Production URL : <https://ifms.wb.gov.in> , <https://ifms.wb.gov.in/wbjit/login>
and UAT URL : <https://train-ifms.wb.gov.in>

Highlights

Integrated Financial Management System (IFMS)

- Solution for entire financial management system of GoWB
- 14 modules: eBantan, eBilling, CTS, GRIPS, AAFS, LFPL, NGIPF, GPF, CBMS, SBMS, HRMS, User Management, Master Management, AG Moule
- The Solution being developed targeted to replace the existing IFMS2.0 running by TCS
- Being developed in Microservices Architecture
- TR-26 Billing with User Management, e-Bantan, e-Bill, CTS are in production but implementation on hold.
- Grips 2.0, AAFS, LF/PL Module of IFMS 2.0 already available in UAT
- Rest of the modules are under development.

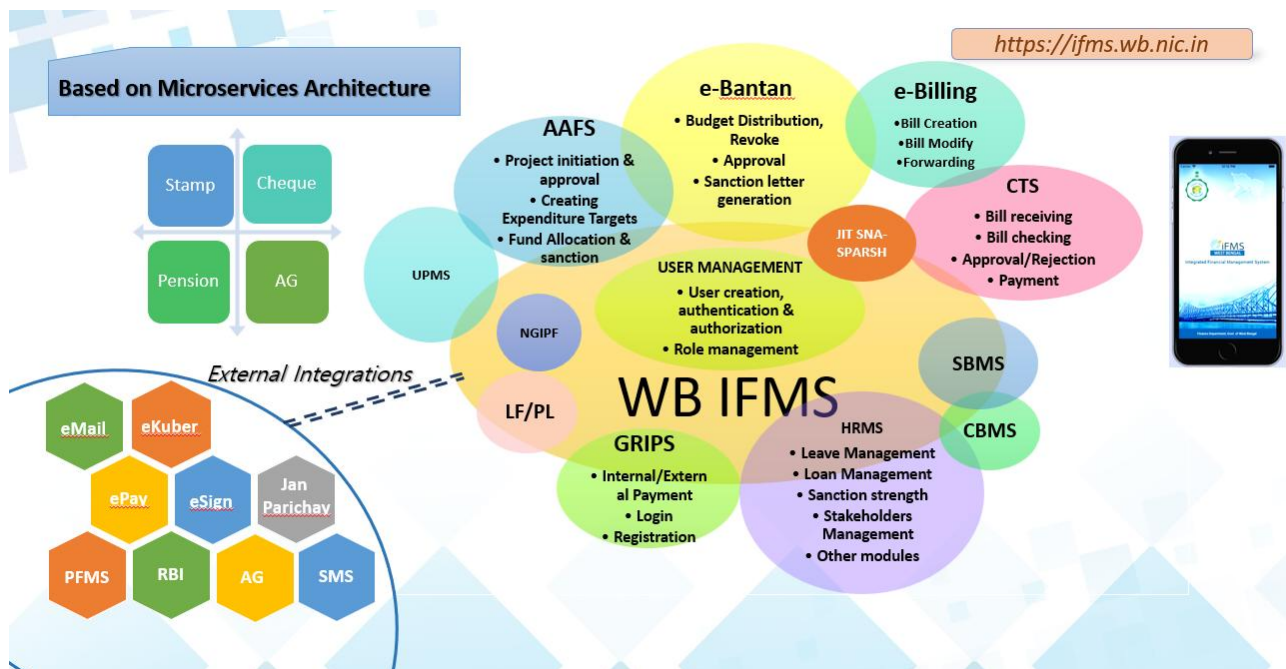
Type of Application : G2G, and G2C



Technology Stack :



Angular, Dot Net Core, Laravel , RabbitMQ, Redis, GitLab,
DevSecOps
Database : PostgreSQL



Training : Training to Agencies and DDOs in Offline and Online Mode.

Achievement: **WBJIT** Implemented Since 7th January as per Memo no. Memo No. 80-F(eGOV) Dated 06/01/2025 of Finance Department, GoWB. **Four Modules of IFMS** are in production since April'2025

Statistics Sep'2025 : Bill Voucher: 8144, Amount : Rs 608.64 Crores (Approx.), and in Current FY 25-26 : Cumulative Bill Voucher: 36461(Prev. 27216), Amount : Rs. 2328.54 (Prev. 1721.24)Crores (Approx.)

HOD : Ashis Mukherjee, Scientist-F and ASIO
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Link Officer : Sarajit Dey, Scientist-F , email : shod7-wb@nic.in

Other Officers : Krishnendu Das, Sc-D, Gaurav Basu, Sc-D, Saikat N. Bhattacharya, Sc-D, Samik Bhattacharya , Sc-D, Dipankar Bachhar, Sc-D
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HOG : Atanu Das, DDG & SIO
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PRISM ID : 3848

Production URL : <https://ifms.wb.gov.in/wbjit/login> , <https://ifms.wb.gov.in>
and UAT URL : <https://train-ifms.wb.gov.in>

Highlights

- Solution for Just-in-time Payment for Centrally Sponsored Schemes (CSS) implemented by Government of West Bengal (GoWB) following mandate of SNA-SPARSH Mandate of Government of India (GoI)
- 4 modules: User Management, WBJIT, JIT-Bill, JIT-Treasury S Development based on Microservices Architecture
- Main features are capturing mother sanction, Scheme configuration, SLS wise budget, and agencies from PFMS, and then Limit distribution and budgetary allocation, sub allotment to the agencies, generation of Fund Transfer Orders (FTOs) and Bills by the DDOs, Processing of bills at Treasury, Send to PFMS for debit of the central share, and finally payment with state share through the e-Kuber



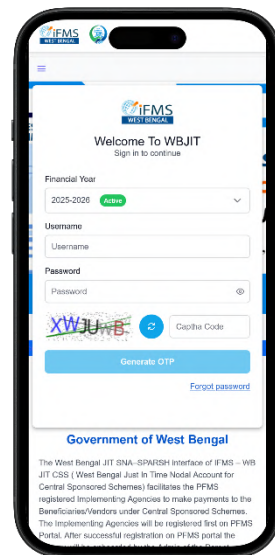
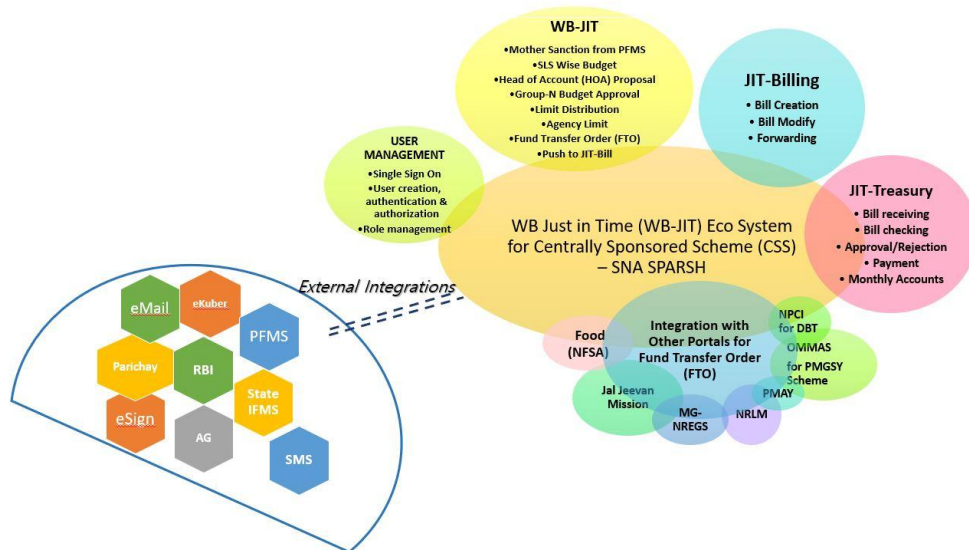
Technology Stack:



Angular, Dot Net Core, RabbitMQ, Redis, GitLab, DevSecOps

Database : PostgreSQL

Type of Application : G2G, and G2C



Training : Training to Agencies and DDOs in Offline and Online Mode.

Achievement: Implemented Since 7th January as per Memo no. Memo No. 80-F(eGOV) Dated 06/01/2025 of Finance Department, GoWB.

Statistics: During Sept-2025 , FTO prepared : 8602, Amount : Rs 572 Crores (Approx.) and for FY25-26 , FTO 47306, Amount : Rs. 2415.277 Crore (Approx)

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HOG : Atanu Das, DDG & SIO
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Unified Project Management System (UPMS)



Highlights

PRISM ID : 3158

Production URL : <https://upms.wb.gov.in>

The Unified Project management System (UPMS) web based application has been developed to cover the areas of Proposal, Requisition, Planning, Design, Estimation following Schedule of Rates (SOR) and Non Schedule Items Rates, Sanction Approval, Administrative Approval, Tender, and monitoring physical and financial progress by integrating AAFS Module of IFMS and others

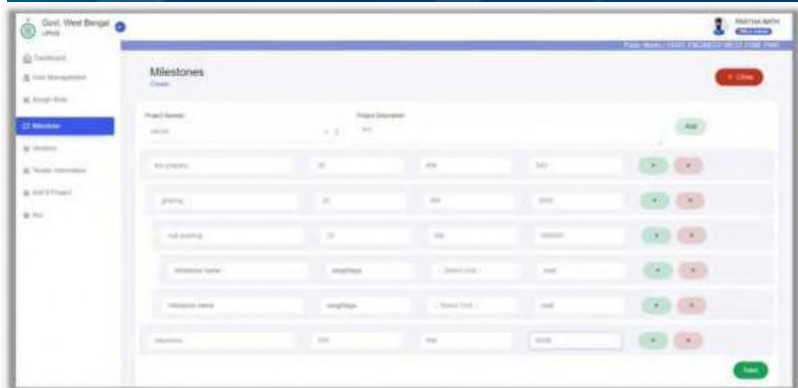
Type of Application : G2G, and G2C

Achievement:The Department of Finance, Government of West Bengal with the Memo No. 61-F(eGov) Dated 07/01/2025 and with Memo No. 232-F(eGov) Dated 17/01/2025 directed the various works department like PWD, PHE, Irrigation, WRIDD, KMDA etc to use Unified Project Management System (UPMS) portal for processing of any project for monitoring of projects (including tracking annual physical and financial progress), throughout their life cycle, from initiation to completion of the project.

Key Features

Management of all the works and nonworks related projects from inception to completion including Schedule of Rate (SOR), project estimation, DPR preparation, approval, sanction, physical and financial progress management, billing and disbursement

Stakeholders :Department of Finance, GoWB, Public Works Department, GoWB, Irrigation & Waterways Department, GoWB, Department of Urban Development & Municipal Affairs, GoWB



Training :Month Long Training Programme of PWD Engineers,Officials, and Other Department like PHE, Irrigation conducted

Technology Stack :



Laravel , RabbitMQ, Redis, GitLab, DevSecOps
Database : PostgreSQL

Aim :Monitoring of Govt. projects, throughout the life cycle of the project from initiation to completion of the project, as part of the Asian Development Bank (ADB) assisted West Bengal Public Finance Management Reforms Program

Statistics

September-2025

Number of Projects created/modified: 1077(169) ,Number of Requisitions created/modified: 1123(211), Number of Estimates created/modified: 1903(828,) Total Cost of Estimates: Rs. 3693(833.23) Crores (Approx)

Total User Activities recorded: 4516318(1611249), Total Workflows Generated: 24503(6336) **NB : Prev months' fig shown in braces**

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PRISM ID : 3052

Production URL : <https://dbt.wb.gov.in>



Highlights:

West Bengal Direct Benefit Transfer (WBDBT) Dashboard

- A Uniform State DBT Dashboard
- Serves the purpose of one uniform solution for DBT across the various departments
- The Consolidated data/ information for each scheme may be facilitated to push from this application to the Bharat DBT Dashboard as per the need of the Government
- **Accumulation of DBT information (53 parameters)**
- **Integration with Bharat DBT**

Type of Application : G2G, and G2C

Achievement : Successfully development and implemented for collection of data from various portals and push to Bharat DBT

Technology Stack:



Angular, Dot Net Core,, GitLab, DevSecOps
Database : PostgresSQL

HOD : Ashis Mukherjee, Scientist-F and ASIO
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Highlights

A scheme of GoWB, which is promised to provide monthly assistance to women in age group 25-60 years of Rs 1200 (earlier Rs 1000) who belongs to SC/ST families and Rs 1000 (earlier Rs 500) to general category families. Aadhaar has been made mandatory in place of Swasthya Sathi enrolment since 1st April'2023. A *web-based application* for capturing the applications, verification, approval and processing of applications for monthly financial release of assistance to the approved beneficiary accounts.

Achievement: Successfully development and running Lakshmir Bhandar since August'2021 with present **beneficiary around 2.20 Crore** and monthly assistance of Rs. 2127.29 Cr. (Approx) disbursed in September '2025. Able to establish an automated pipeline to push all beneficiary and transaction to the Social Registry Portal

Type of Application : G2G, and G2C



Training : Continuous Online Training to stakeholders with SOP

Key Features

- Aadhaar has been made mandatory, and requirement of Swasthya Sathi Card is waived off w.e.f. 01/04/2023
- Mandatory Bank Account for individual beneficiary
- Validation of Bank Accounts along with name validation
- Aadhaar Verification with authenticated Aadhaar through PDS (Khadya Sathi)
- De-duplication of Bank Account, Aadhaar, Mobile Number
- Maker, Checker, Approver architecture for flow of beneficiary data
- API Based Integration with SMS, Janma-Mrityu portal, track applications, CMO Grievance
- Total Approved Beneficiaries : 2.20 Crores (Approx)

Technology Stack :



Laravel ,Kafka

Database : PostgreSQL

HOD : Ashis Mukherjee, Scientist-F and ASIO
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Highlights

End-to-end ICT based solution for Monthly pension of social sectors of all departments of GoWB in Multitenant architecture. The portal used to provide Social pension of many departments

Type of Application : G2G, and G2C

Achievement Successfully development and running since March'2020 with present beneficiary around 80 Lakhs comprising schemes like Taposhili Bandhu, Jai Johar, Old Age Pension, Widow Pension, Manabik, Textile Pension, Agriculture Pension , Assistance to Lok Prasar Parishad etc. of eight departments with monthly assistance. Able to establish an automated pipeline to push all beneficiary and transaction to the registry Portal



Key Features and Statistics

- One Umbrella Social Pension portal
- Multi-tier, Multi-tenant, Scalable, Configurable & Open Source architecture Online System for Application, approval and payment Aadhar Deduplication & Bank Account Deduplication Bank Account and Bank Account Name Validation Online Payment Directly to Bank Account
- 13 Schemes and 8 Departments on board
- API Based Integration for SMS and other portals
- Integration with IFMS and Bank (SBI) for payments
- Total Approved Beneficiaries : 80.78 Lakhs (Approx)
- Amount Disbursed in Sep'2025 : Rs 581.79 Crore (Approx)

Technology Stack :



Laravel , Kafka

Database : PostgreSQL

Training : Continuous Online Training to stakeholders with SOP

HOD : Ashis Mukherjee, Scientist-F and ASIO
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HOG : Atanu Das, DDG & SIO
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Election Projects (WBEMMS and WBCEMS)



PRISM ID : 3245 and 3247

Production URL : <https://wbemms.nic.in>
, and CEMS URL : <https://wbcecms.nic.in>

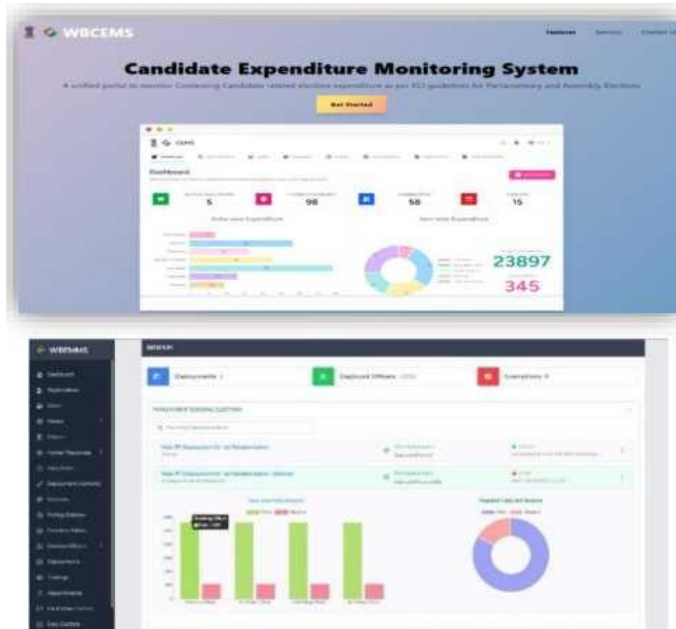
Highlights:

Election Manpower Management System (EMMS) and Candidate Manpower Management System (CEMS)

EMMS is a solution for effective online management and deployment of Election Manpower for activities such as Polling Duties, Counting Duties, Sector Duties, etc. Dynamic, Rule and Role-based, Scalable, Configurable, self- supporting solution for single/multiple/simultaneous elections like Parliament, Assembly, Bye Elections. Implemented in Parliament Election 2024 and Assembly and Parliament Elections 2024.

Whereas the CEMS provides solution for contesting candidates expenditure in the Assembly or Parliament Election and generates Shadow Observation Register (SOR) as per guideline of ECI.

- Online Collection / updation of Employee details
- Polling & Counting personnel Categorization, Randomization, Deployment
- Training Allocation
- Appointment Letter Generation
- SMS & email generation modules
- Generation of Payment files for paying remunerations of Polling / Counting Personnel and Micro Observers
- Postal Ballot & EDC
- Provision of Simultaneous Election
- Candidates Expenditure Monitoring with Shadow Observation Register



Technology Stack :



Laravel , RabbitMQ, Redis, GitLab, DevSecOps

Type of Application : G2G, and G2C

Achievement: Successfully development and implemented in the last Parliament Election'2024 and subsequent Bye-Elections held time to time. Implementation for Assembly Election'2026 already started. Office Registration is in progress.

HOD : Ashis Mukherjee, Scientist-F and ASIO
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HOG : Atanu Das, DDG & SIO
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Tourism Department Website and Mobile App of Kalimpong Tourism

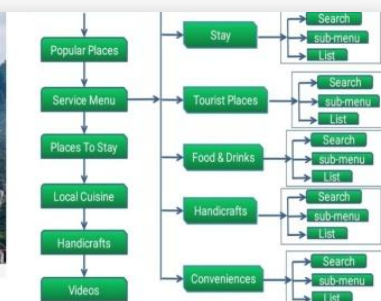


PRISM ID 3139

Production URL <https://wbtourism.gov.in>

Highlights

Integrated configurable web portal which serves as one-stop solution for Tourists. Stakeholders are allowed to enter into the system to facilitate to work as per role. The App provides a platform for on-boarding of all Stakeholders like Hotel owners, Transport Operator, Home Stay owners, restaurant and eateries owners, District Administration etc.



Technology Stack:



Laravel, Flutter, GitLab, DevSecOps
Database : PostgreSQL, Mongo DB

Type of Application : G2G, and G2C

Achievement : Successfully development and implemented

HOD : Ashis Mukherjee, Scientist-F and ASIO
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Other Officer : Krishnendu Das [email : krishnendu.d@nic.in]

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Appcoms and Dynamic Web site of West Bengal Information Commission

Highlights

PRISM ID : 2632

Production URL : <https://wbic.wb.gov.in>

Appeal and Complaint Management System for West Bengal Information Commission is a web-based application developed in line with the Central Information Commission and customised as per need.

This application facilitates online application for complaint, registration, hearing, and final order through a workflow-based mechanism.

A dynamic website for the Commission has also been developed and integrated with AppComs. To facilitate the need of the WBIC and Citizen.



Technology Stack



Key Features

- Offers a comprehensive end-to-end ICT-based solution to facilitate the mandate of WBIC to deal with RTI applications, appeal and its disposal
- Covers features of DAK entry, scrutiny, hearing, day to day case proceedings, and disposal of cases with necessary orders by the Information Commissioners
- Encompasses a Maker, Checker, and Approver architecture to facilitate the seamless flow of citizens' appeals and complaints
- A robust and user-friendly platform for G2C, and G2G services relating to Right to Information

Type of Application : G2G, and G2C

Achievement: Successfully development and implemented since the Year 2023.

HOD : Ashis Mukherjee, Scientist-F and ASIO
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West Bengal Bhabishyat Credit Card Scheme (WBBCCS)

Department of MSME&T, Government of West Bengal

HIGHLIGHT

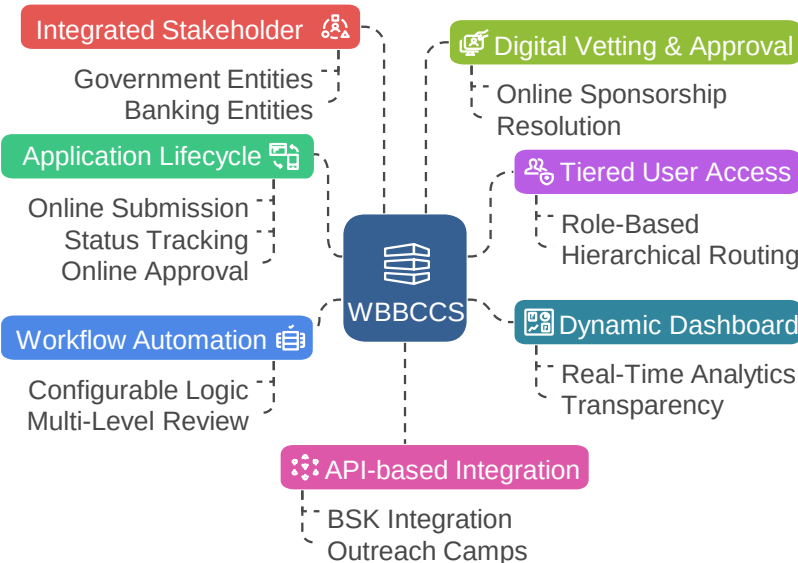
PRISM ID: 208122

bccs.wb.gov.in

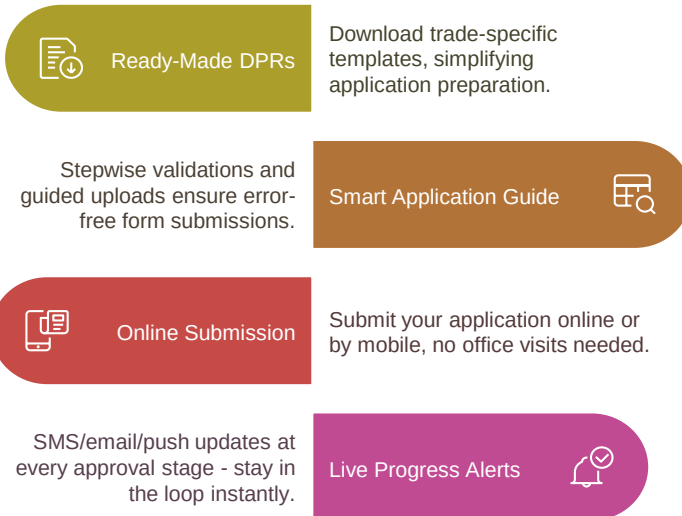
“Opportunity, Access, and Enabling Local Enterprise Growth for Aspiring Entrepreneurs”

The Bhabishyat Credit Card Scheme (BCCS) is a flagship initiative of the Government of West Bengal, designed to promote self-employment and entrepreneurial growth among the state's youth. Functionalities include mobile compatibility, intuitive system-guided workflows, and real-time application tracking, ensuring an accessible, transparent, and user-centric experience that enables aspiring entrepreneurs to navigate the loan process with confidence.

:: Key Features ::



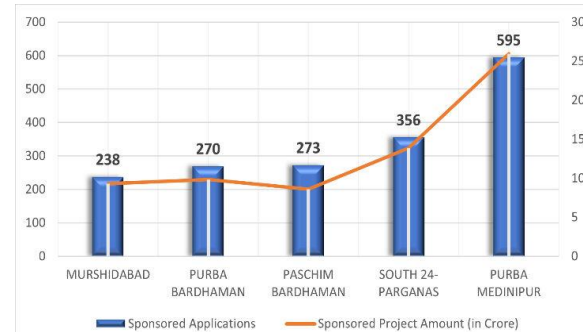
:: Benefits to Citizen ::



:: Technology Stack ::



Top 5 Districts – September 2025 :: (Sponsored Applications & Project Amount) ::



227850
TOTAL APPLICATIONS

47051
SANCTIONED APPLICATIONS

₹ 1167 Cr.
SANCTIONED AMOUNT

₹ 768 Cr.
DISBURSED AMOUNT

HIGHLIGHT

<https://silpasathi.wb.gov.in/>

“Unified Single-Window Portal For Businesses to apply for approvals, licenses & clearances Without Physical Touch-Point”

It Serves As A Digital Gateway For Providing The Necessary Statutory Compliances Under The Applicable Acts, Rules, Policies And Schemes Of The Govt Of West Bengal. Investors Can Get Certificates And Licences Required For Setting Up And Operating Business In The State In A Smooth And Time-Bound Manner, Without The Need To Visit Any Government Department Or Office. In Addition, Silpasathi Kiosks Are Available At 23 Industry Facilitation Centres (Ifcs) Located In Every District Of The State. The Ifcs Provide Handholding Support To The Investors Seeking Statutory Compliance Services From Silpasathi Portal.



BENEFITS TO CITIZENS

“Delivery of all services to citizens end to end without requirement of any physical touch point and online wizard to guide citizen for availing applicable licenses or certificate for setting up of industries ”

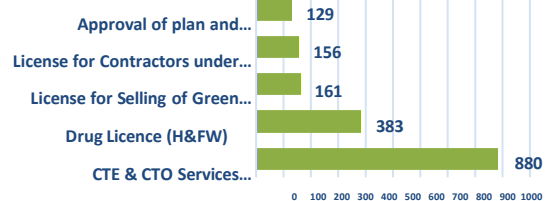
PRISM ID : 18818



TECHNOLOGY USED



Top 5 services for September 2025



20+
GOVT. ENTITIES

137+
SERVICES

4.94 LAKHS+
REGISTERED USERS

107 CRORE+
TOTAL REVENUE GENERATED

1718609
TOTAL LICENSES DELIVERED

6608
GRIEVANCES ADDRESSED

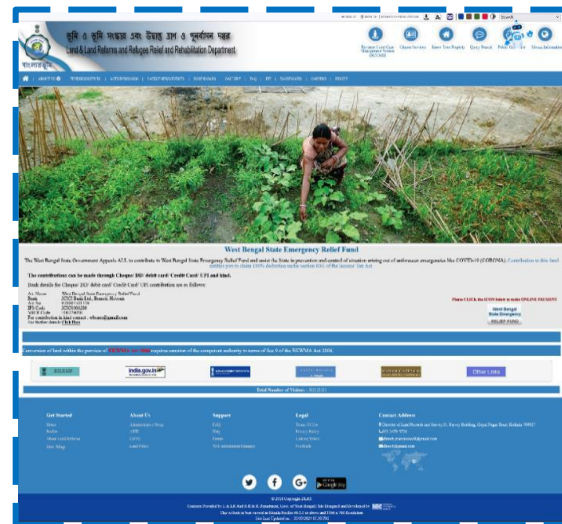


"In West Bengal, land-related e-Governance services are provided through two key applications: eBhuchitra and Banglarbhumigov.in"

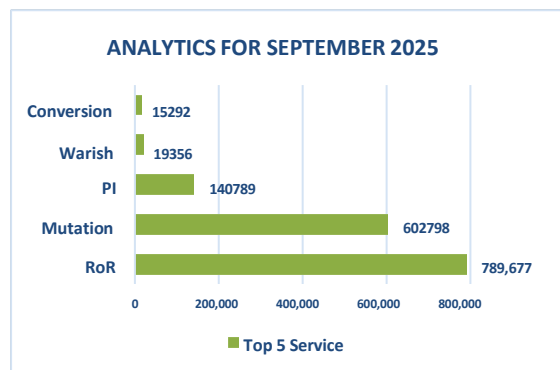
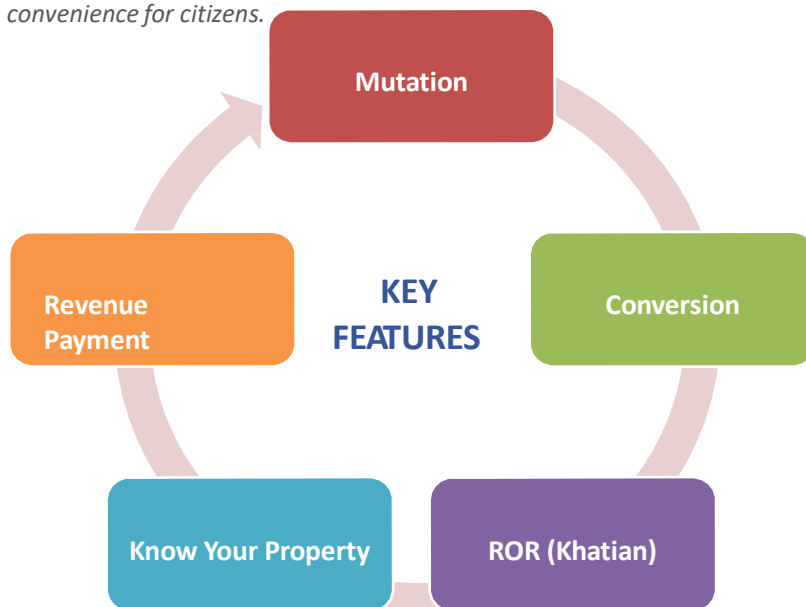
eBhuchitra is a centralized, server-based web application operating over MPLS/VPN with WBSWAN. It maintains comprehensive land records and manages key processes like Mutation, Conversion, Lease, Vesting, and Bargadar/Pattadar management. Integrated with the Registration system under DILRMP, it enables contactless, automatic mutation case generation. It is also integrated with EoDB, eDistrict, Krishok Bondhu, and Food Supply systems for efficient service delivery.

Banglarbhumigov.in, the official L&LR department portal, serves as a single-window platform for citizens to access services like Mutation, Conversion, ROR (Khatian), Plot Index (PI), and Plot Map requests and downloads. It features an integrated grievance redressal system, real-time status updates, and online payments through GRIPS.

The Jomir Tothya mobile app further enhances accessibility by offering these e-Governance services on mobile devices, ensuring transparency and convenience for citizens.



TECHNOLOGY USED



OTHER SERVICES

6097
NO DUE CERTIFICATE

2556
PLM

857
GRIEVANCE

BENEFITS TO CITIZEN

"Banglarbhumigov.in provides citizens with a faster, paperless, and secure way to access services such as Mutation, Conversion, Revenue Payment, ROR (Khatian), Plot Index (PI) & Plot Map requests & downloads—anytime, anywhere"

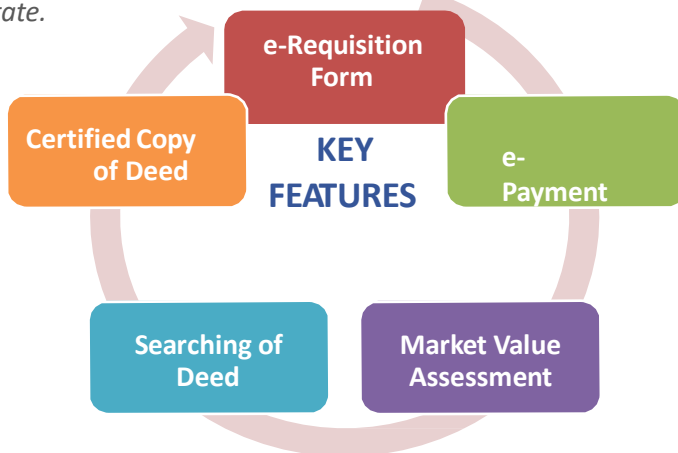


The e-Nathikaran system and the WbRegistration portal are key digital initiatives by the Directorate of Registration and Stamp Revenue (DoRSR), Government of West Bengal, aimed at modernizing the land and property registration process.

e-Nathikaran functions as a backend system used by registrar offices for secure scanning, indexing, and digital preservation of registered deeds. It supports document verification, audit trails, and role-based access, ensuring the integrity and traceability of registration records.

On the other hand, WbRegistration is a citizen-facing online platform that allows users to prepare deeds, calculate fees, pay stamp duty and registration charges, and schedule appointments with Sub-Registrar Offices. It simplifies the registration process, reduces manual intervention, and enhances transparency.

Together, these systems have enabled faster processing, secure storage, and better public access to land records, contributing significantly to e-Governance and service delivery in the state.



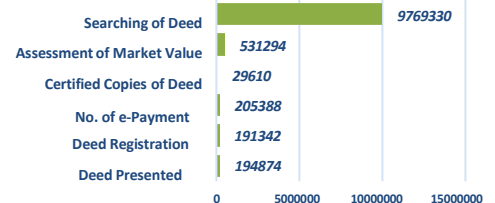
BENEFITS TO CITIZEN

“e-Nathikaran and WbRegistration provide citizens a faster, paperless, and secure way to register property, prepare e-deeds, pay fees, book appointments, and access digitally stored certified deeds anytime”

TECHNOLOGY USED



REPORTING MONTH SEPTEMBER 2025



DEVELOPMENTS FOR SEPTEMBER 2025

- Development of Nextgen Landing Page
- Online SUC Fees through GRIPS
- Receiving of Residual SUC through POS
- Revised Market Value Calculation for Apartment

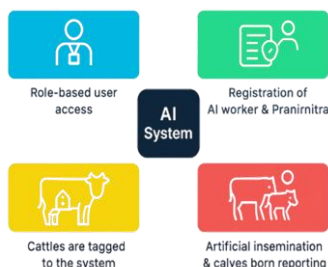


Highlights

"Empowering livestock development through digital innovation for a stronger rural Bengal."

A web application software for Department of Animal Resource Development, Govt. of West Bengal for online monitoring the Artificial Insemination Related Activity, Management of Inventory and distribution of Frozen Semen Straw, Management of Insurance Details of cattle, Fund for Insurance and Accounting for Incentive payment to A.I. Worker carried at different tier of the organization like State, District, Block and Gram Panchayat and developed a information system for smooth functioning of the department.

Key features

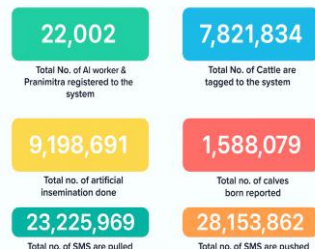


Statistical Figures/Integrations

Multitier application for collecting real time data on Artificial Insemination from village level to state and periodic service delivery to village level A.I. worker and the farmer.

Services are available through multiple modes like web portal, mobile app, smart phone version as well as through SMS services.

SMS and web based Registration of Breed able Cattle & Buffalo by user number.



Technology Used

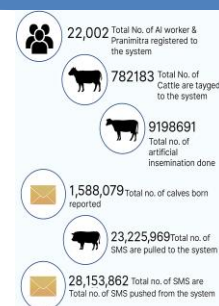


<https://pbgsbs.gov.in>

PRISM Id:
17943



Graphical representation (yearly/monthly increment)



Recent Activities

- ☐ Registration of Veterinary Centres
- ☐ First Information Reporting of Animal Diseases
- ☐ Reporting of Daily OPD Cases
- ☐ Various MIS Report
- ☐ Integration of SMS services

Summary/Training

- Regular User Training conducted for new/Changed module.
- Improved Process flow explained to user

Different Modules in the System



AI-Worker And
Pranimitra



AI Activity



Individual Monthly
Incentive Scheme



FSS & CRYO
Accessories Management



Vaccination



Livestock & Poultry
Development

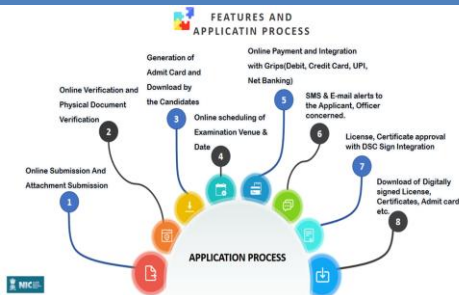
Highlights

"Powering progress with safety, innovation, and service excellence."

Directorate of Electricity (DOE), WB is a vital component of the Power Department, responsible for overseeing the efficient functioning of electricity services. With a focus on modernization and service excellence, DOE offers a range of services to meet the diverse needs of stakeholders.

Directorate of Electricity (DOE) offers three main types of services available (Lift/Escalator, Licensing Board, Inspection Services), catering to various aspects of electricity management and regulation.

Key features



Statistical Figures/Integrations



ONLINE APPLICATION AND DOCUMENT SUBMISSION

- Online Verification and Physical Document Verification
- Online Admit card generation and scheduling of Examination Venue & Date
- Online Payment. Integrated with GRIPS (Debit, Credit Card, UPI, Net Banking)
- SMS & E-mail alerts to the Applicant, Officer concerned
- License generation & Certificate approval with DSC Sign Integration

Technology Used

For tathyasathi.bangla.gov.in

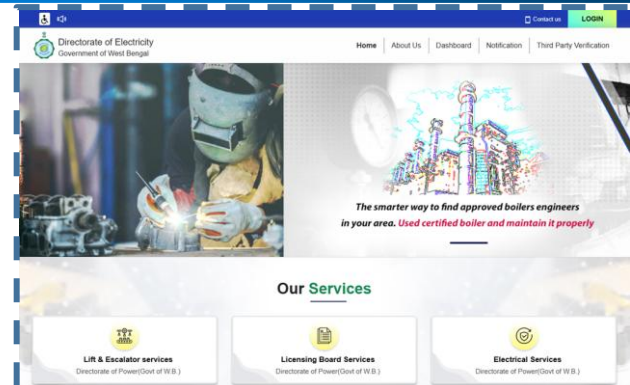


For doepower.wb.gov.in



<https://doepower.wb.gov.in>
<https://tathyasathi.bangla.gov.in>

PRISM Id:
18353



Graphical representation (yearly/monthly increment)



Recent Activities

- HOA Changes in Inspection section services
- Server migration and Audit of doepower.wb.gov.in

Summary/Training

- Regular User Training conducted for new/Changed module.
- Improved Process flow explained to user

Different Modules in the System



- Paperless/faceless Service request through EoDB portal.
- Faster, hassle free quality service delivery
- Integrated with EoDB and WBSEDCL



E-Allotment of Rental Housing Estates, Housing Department

Department of Housing, Govt. of West Bengal

Highlights

"Transforming housing services with transparency, accountability, and digital innovation."

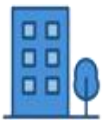
- The Department of Housing, West Bengal, manages 13,800 RHE flats across 23 districts.
- The e-Allotment portal streamlines the process from application to release of flats.
- Integrated with HRMS for secure authentication and accurate data fetching.
- Features include automated cancellations and QR-enabled license generation.
- Ensures a transparent, efficient, and citizen-friendly housing service experience.

Key features

- End to end online workflow
- HRMS based secure Authentication
- Auto Fetch applicant details from HRMS
- Online Flat Allotment based on Allotment Rules
- Auto Cancellation of Offer and Licenses for allotted flat
- QR code in License
- Special Recommendation for allotment

Statistical Figures/Integrations

GOVERNMENT RHEs AVAILABLE FOR ALLOTMENT



35

Government RHEs of types A, B, C, D, and VIP in Kolkata region are available for allotment

✓ Out of 13,800 RHE flats, there are 35 Government RHEs of types A, B, C, D, and VIP in the Kolkata region are available for allotment.

Technology Used



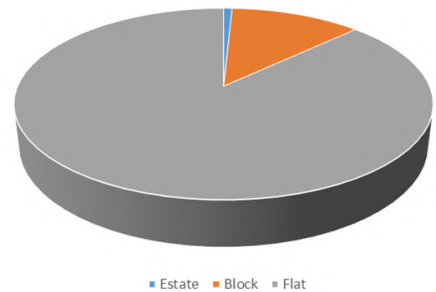
<https://rhe.wb.gov.in>

PRISM Id:
20968



Graphical representation (yearly/monthly increment)

Chart Title



Recent Activities

- ☐ Authenticate through the WBIFMS Portal via HRMS API integration
- ☐ Delivered regular presentations to senior departmental officials showcasing the developed and implemented modules

Summary/Training

- Regular User Training conducted for new/Changed module
- Improved Process Flow explained to Departmental Senior Officers

Different Modules in the System

- ✓ Login through IFMS portal with HRMS ID



Modified West Bengal Textile Incentive Scheme (WBTIS)

The Department Micro, Small and Medium Enterprises and Textiles, Govt. of West Bengal

Highlights

"Empowering small enterprises today to build a stronger economy tomorrow."

- The scheme provides fiscal incentives to encourage entrepreneurs.
- Aims at balanced development of Micro, Small & Medium Enterprises across the state.
- Focuses on creating a sustainable ecosystem for MSME growth.
- Promotes optimal resource utilization and employment generation.
- Aspires to position West Bengal as a leader in the MSME sector nationwide.

Key features



Automated Subsidy Calculator



Realtime Application status

Technology Used



Statistical Figures/Integrations



Total Registrations
135



Application Approved
23



Total Applications
157



Approved Amount
1758.648



<https://textiles.wb.gov.in>

PRISM Id:
20747



Graphical representation (yearly/monthly increment)



Recent Activities

- ☐ Maintain Legacy portal
- ☐ Testing and fixing bugs in the new portal for Audit.
- ☐ Change in GMDIC User in legacy portal.

Summary/Training

- Regular User Training conducted for New/Changed module.
- Improved Process flow explained to user.

Different Modules in the System



Manages subsidy disbursement for eligible powerloom



Provides targeted financial support to handloom enterprises



API integration with WBDE



Web Application of the Department of Power

The Department of Power, Govt. of West Bengal

Highlights

"Empowering the people, energizing the state."

- The Department oversees electricity generation, distribution, and utilization across West Bengal, ensuring power for the public good.
- It formulates and enforces state policies and regulations under the Electricity Act of 2003, coordinating with entities like the Western Bengal Electricity Regulatory Commission and other utilities.
- The Department also plans and monitors power infrastructure projects, supports rural electrification, and promotes energy efficiency and renewable energy sources.

Key features

- ❖ Content Storage & Organization
- ❖ Content Publishing & Workflow

Statistical Figures/Integrations



1972 – Department of Power established



1.8 Crore+ Consumers across West Bengal



4 Major Utilities – WBSEDCL, WBSETCL, WBPDCCL & CEI

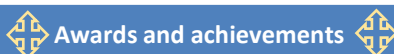


100 MW+ renewable energy projects under implementation



Statewide ERP & IT systems improving efficiency

Technology Used

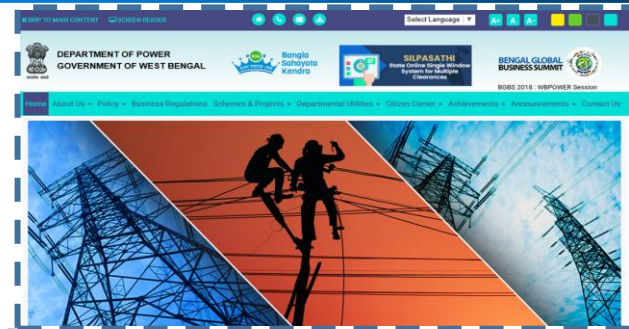


- ❖ IPPAI Award, 2020
- ❖ IPPAI Award, 2019



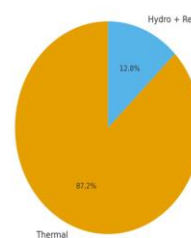
<https://wbpower.gov.in/>

PRISM Id: 21204

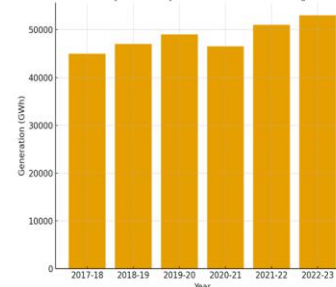


Graphical representation (yearly/monthly increment)

Installed Power Capacity in West Bengal (2024)



Yearly Electricity Generation in West Bengal



Recent Activities

- ☐ Start of audit for this project.
- ☐ Start revamping of this project.

Summary/Training

The portal acts as a transparent, user-friendly digital interface, reflecting the Government of West Bengal's commitment to efficient governance of in the power sector.

Different Modules in the System



Highlights

"Igniting youthful energy and sporting spirit across Bengal."

- The Department promotes youth development through sports infrastructure, training academies, cultural activities, and talent scouting across the state.
- Its vision includes nurturing employability, scientific thinking, and character building in youth via moral development, sports, and cultural platforms.
- The Department operates under the Sports & Youth Affairs Ministry led by Aroop Biswas, who has served since 18 November 2015

Key features

Update of senior officials and board members and key personnel	Update of contents on website
Add new notices, tenders, other documents, and removal of old documents on website	Update of stadium details and latest events
Add / Remove event images	

Statistical Figures/Integrations

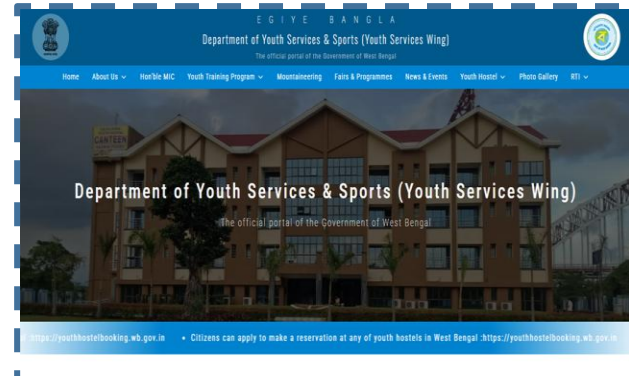
No. of youth computer training centres: 986	No. of advanced diploma courses: 3
No. of certificate courses: 9	No. of vocational training centres: 14
No. of diploma courses: 7	No. of mountaineering courses: 6

Technology Used



<https://sportsandyouth.wb.gov.in>

PRISM Id:
17887



Recent Activities

- ☐ Constantly improving UI / UX through consultation of relevant department
- ☐ Securing the CMS backend application through security audit
- ☐ Presentations of developed application to department heads

Summary/Training

1.A comprehensive CMS to manage contents of both West Bengal Sports and Services wings. User can manage images to display, events, key members of the department and display information in a chronological order etc.

Different Modules in the System

Add/Edit/Remove department key personnel	Add/Edit/Remove events and images	Add/Edit/Remove sports personnel
Add/Edit/Remove stadium details	Publish/Remove notices, tenders, news etc.	

Highlights

"Weaving tradition with opportunity, empowering handloom for a sustainable future."

- The Marketing Incentive Scheme strengthens West Bengal's handloom sector with sales support and competitiveness.
- Funded jointly by GoI and GoWB (50:50), it provides 10% incentive on average turnover for 3 years.
- It helps cooperatives modernize infrastructure, attract buyers, and ensure sustainable growth.

Key features



Beneficiary
Registration & Log-in



Multi-Role User
Management



Claim
Submission



Back for correction &
Registration details
Updating



Workflow and
Verification



Recommendation



Dashboard &
Monitoring



Certificate
Generation



Reports &
Analytics

Technology Used



<https://tantibandhu.wb.gov.in>

PRISM Id:
21211



Recent Activities

1. Audit Compliance

- 3rd Audit cycle completed.

3. Completed Changes

- ☐ Add Recommendation Insert Section for three specific roles
- ☐ Revise About Us section
- ☐ Modify Acts and Rules section
- ☐ Upload section for a particular role for B8
- ☐ View section of the new incorporate data
- ☐ Add upload section in user end for rectified application
- ☐ Upload and view section in administrative end (UC, sanction order state, sanction order central)
- ☐ Separate the backlog respected to the DOH
- ☐ Modify report section

Summary/Training

- Regular User Training conducted for new/Changed module.
- Improved Process flow explained to user

Different Modules in the System



Registration
& Login



Claim



SLPC



News Post



Report



Official Creation
& Updation



Role wise
Action



MARRIAGE REGISTRATION IN WEST BENGAL

YEAR WISE CERTIFICATES GENERATED

MARREG portal has been introduced on and from 01.12.2018 for registration of marriages under Special Marriage Act 1954 and Hindu Marriage Act 1955 through online mode. The Govt. of West Bengal has made this marriage registration mandatory through online portal on and from 01.06.2019. Till date **668745** nos. of marriages under Special Marriage Act 1954 and **427232** nos. of marriages under Hindu Marriage Act 1955 has been registered through this portal. The introduction of the portal has benefitted the parties to the marriages and registration to register their marriages seamlessly. They can apply online themselves from their desktop or even using their mobile phone. They can choose the appropriate Marriage Officer properly, as per their choice avoiding any middle man. By the introduction of this online marriage registration; Bigamy, Polygamy and child marriages have been intercepted successfully. Now by capturing biometric detail through the portal; administration is trying to identify properly the parties and the witnesses of the respective registration. So that the above-mentioned goals can be attend more effectively.

Year	Certificate Generated
2019	89932
2020	149754
2021	189217
2022	183961
2023	168948
2024	171447
2025(till 04-07-2025)	141055

গণপ্রজাতন্ত্রী বাংলাদেশ
সরকার
পশ্চিমবঙ্গ
সংসদ
সচিবালয়

GOVERNMENT OF WEST BENGAL
Law Department
Registrar General of Marriages

পশ্চিমবঙ্গ সরকার
সংসদ
সচিবালয়

MARREG

পশ্চিমবঙ্গ সরকার
সংসদ
সচিবালয়

পশ্চিমবঙ্গ সরকার
সংসদ
সচিবালয়

Special Marriage Act, 1954
(Under Section 18)

This Act of Marriage, Application Can Be
To Marriage Officer At Least After 30days
Date Of Marriage. Objection Period 30days
In Date Of Received Application. Marriage
Registered Within 15 Calendar Months From
The Date Of Received Application.

ALL MARRIAGE REGISTRARS WHO HAVE BEEN ALLOWED BY NOW TO REGISTER MARRIAGES ONLINE SHOULD IMMEDIATELY START USING

আমরা বিশ্বাস পশ্চিমবঙ্গের আইন ও আইনগত তত্ত্বাবধায় লগ্নি প্রদান করে।

নারীস্বত্বের দ্রুত প্রদান করার জন্য 'ম্যারেজ' অ্যাডমিনিস্ট্রেশনটি সম্পূর্ণরূপে ইলেকট্রনিক্সে পরিণত করা হয়েছে।

সংগঠিত কোনো অর্থনৈতিক বাস্তবায়ন থেকে ইলেকট্রনিক্সে পরিণত করার মাধ্যমে ব্যবহার করা যেতে পারে বলে এটি বিবাহ নিবন্ধকরণের ক্ষেত্রে দ্রুত প্রদান করতে পারে।

'ম্যারেজ' ও জন্ম নিবন্ধনা ও নিবন্ধনা সীলনকে বাস্তবায়িত হয় তা নিশ্চিত করার জন্য সামগ্রিক সফটওয়্যার ও অন্যান্য প্রকল্পের মাধ্যমে পশ্চিমবঙ্গ সরকারের ডিজিটাল রেকর্ডের অংশ ম্যারেজের অধিনেত্রী উপর দেয়া হয়েছে।

বিবাহ নিবন্ধকরণ প্রক্রিয়াটি সম্পূর্ণরূপে ইলেকট্রনিক্সে পরিণত করার জন্য সমস্ত প্রয়োজনীয় আদার সনাক্তিত হয়ে ফলাফল বিবাহ থেকে উদ্ধৃত্ত কোনো বিবাহ থেকে একটি আদার বিবাহ পাওয়া যেতে পারে যেমন -

- অর্থনৈতিক / অর্থনৈতিক (একই উল্লেখ্য অর্থনৈতিক একই আদার বাস্তবায়িত প্রদান)
- আর্থনৈতিক
- নারীস্বত্ব প্রদান
- অন্যান্য আইনগত ও সামাজিক সীলন

We register marriages.

We add value to marriages.

We devise innovative service delivery model for registration of marriages to benefit the citizen.

Register Your Marriage

Dashboard

About Us

Services

Payments

Public Info

Login

Contact Us

Overview of Transactions

Certificates Generated from 1st January of Current Year

114460

Certificates Generated from 1st of Current Month

159

Online MD

287

Visitors Count

6618190

Displaying data from 01/01/2025

Applications Submitted (Special Marriage Act u/s 13)	91626	Applications Submitted (Special Marriage Act u/s 16)	10613	Applications Submitted (Hindu Marriage Act)	64312
Applications Accepted (Special Marriage Act u/s 13)	84886	Applications Accepted (Special Marriage Act u/s 16)	8946	Applications Accepted (Hindu Marriage Act)	55077
Marriage Registered (Special Marriage Act u/s 13)	79779	Marriage Registered (Special Marriage Act u/s 16)	8230	Marriage Registered (Hindu Marriage Act)	54534
Certificate Generated (Special Marriage Act u/s 13)	79848	Certificate Generated (Special Marriage Act u/s 16)	8249	Certificate Generated (Hindu Marriage Act)	54614

Directorate of Commercial Taxes (eComTax) GoWB - End-to-end ICT solutions of Commercial Taxes

End-to-end ICT solution is provided for transparent, efficient, easily accessible services to the citizens for good governance covering all business functionalities under West Bengal State Tax, Value Added Tax, Central Sales Tax, Entry Tax, Goods & Service Tax <https://wbcomtax.gov.in>. Presented below is a brief of achievements and data for September 2025.

KEY SERVICES

G2C - Return Filing (WBST, VAT, CST, Entry Tax)

G2C - Statutory Form Generation, Uploading Forms by outside States

G2C - Appeal-Revision-Review

G2G Services for Revenue monitoring

GST Analytics system - GST PRIME

G2G Services for better Office Administration

IMPACT

- Service availability anytime & anywhere
- Increased Tax collection & Tax base
- Better detection of Tax Evasion, Revenue Leakage & Frauds

Active Tax payers as on 31st Mar 25	4,38,333
Total Revenue Collection During Financial Year 2024-2025	1,33,785 Cr.

KEY FEATURES

API based Data Consumption from GSTN	On-line 'Settlement of Disputes'	SMS & Email Integration	Online appeal / revision facility
Court Case Monitoring facility	Monitor allotment of fund and Expenditure Statement	Integration with GRIPS	Quick Grievance Redressal

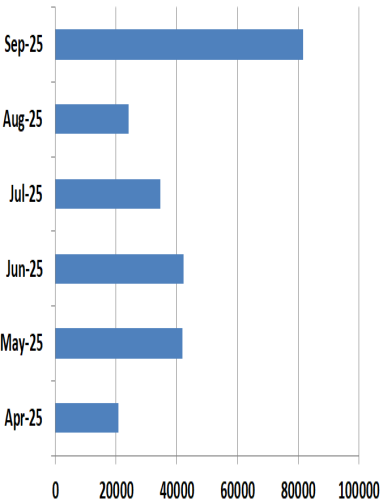
eFiling of Return (VAT, CST, WBST, Sales Tax Deducted at Source- STDS)	Statutory Forms (C, F, EI, EII, F)	Assessment	Tax Recovery	Appeals	Forms uploaded from outside states
19	220	4	0	15	9

The Government of West Bengal is using NIC eProcurement platform since 2009. Earlier it was funded under eProcurement Mission Mode Project.

Since 2018, State Govt. is funding the project implementation on Capex and Opex basis for an estimated load of 1,00,000 (One lakh tenders per annum)

Since Sep 2023, regular huge increase in numbers of tenders floated per month was witnessed around 40-50,000 per month from an estimated average of 10,000 tender per month. This was a result of the State Govt's decision to extend electronic tendering feature to all Zilla Parishads. This exponential rise in tenders has been handled efficiently by the GePNIC team so that the decision could be honoured.

Month Wise No. of
Tenders published for the
Financial Year 2025-26



During September
2025

#Value -₹6,35,617.01 Lakh	#Tenders 81,682
---------------------------------	--------------------

Cumulative Since Inception

#Value -₹ 7,19,15,876.30 Lakh	#Tenders 20.12 Lakh
-------------------------------------	------------------------

Cumulative Since Inception

#Bidders/Contr actors 82265	#Departmental Users 19194
-----------------------------------	------------------------------

Active registered Organizations: 8968

TRAINING SESSIONS IN SEPTEMBER 2025
1 Training Program was held in the month of September 2025 with 18 participants on WB GePNIC Software, its different modules & workflow, Prerequisites and requirements for onboarding, complete eTender process flow and BoQ types

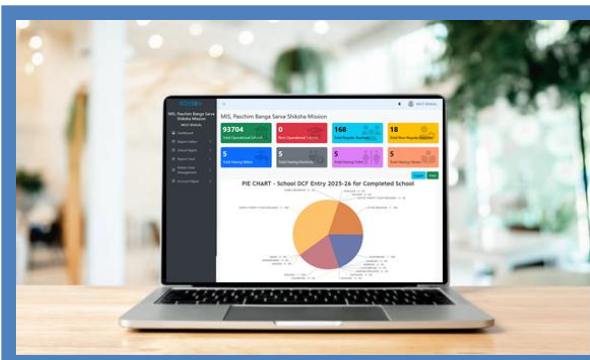


PROJECT NAME	PRISM ID	PROJECT URL
UDISE	17651	https://schoolinfo.banglarshiksha.gov.in/

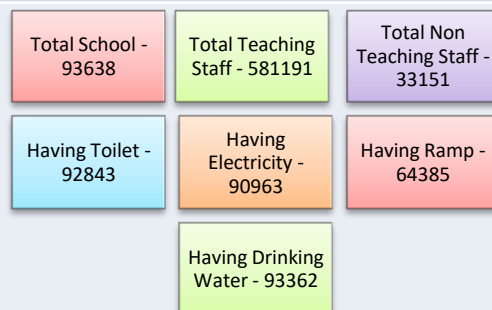
HIGHLIGHTS

Unified District Information System for Education Plus (UDISE+) is a flagship **Management Information System (MIS)** initiated by the **School Education Department, Government of West Bengal**. Fully operational online since the **2019–20 academic year**, UDISE+ facilitates **real-time data collection** from all recognized schools, covering classes from **Pre-primary to Class XII**.

The platform plays a vital role in **planning, resource allocation, program implementation, and performance monitoring**. By maintaining a comprehensive and reliable **school-level database**, UDISE+ enables **evidence-based decision-making** and supports the monitoring of **key performance indicators (KPIs)** to drive continuous improvement in school education across the state.



- ✓ DCF Data Entry (2025–26) has started from 22nd September, 2025.
- ✓ Report section development is in progress based on the new DCF data entry.
- ✓ An auto-scheduler for the New School Insertion API is being created.



PROJECT NAME	PRISM ID	PROJECT URL
BANGLAR SHIKSHA	18406	https://banglarshiksha.wb.gov.in

HIGHLIGHTS

The platform is designed to facilitate efficient data management and academic monitoring across all levels of school education, ranging from Pre-Primary to Class XII.

The Banglar Shiksha portal ensures real-time, accurate data flow between schools and education authorities.

Head of Institution (HOI):

Responsible for student data entry and academic record maintenance. Manages class-wise enrolment for all grades, from Pre-Primary to Class XII. Oversees data submission for various types of schools: Government schools, Government-aided schools, Private schools.

Sub-Inspector of Schools (SI):

Supervises academic and administrative activities at the cluster level. Monitors data submitted by schools within their jurisdiction. Ensures timely updates and data validation in the system.

District Inspector of Schools (DI):

Coordinates with Sub-Inspectors and HOIs at the district level. Reviews and verifies district-wide school data for planning and reporting.

Directorate of School Education (DSE):

Analyses data trends for decision-making at the state level. Integrates feedback and monitoring mechanisms into the system.





PROJECT NAME	PRISM ID	PROJECT URL
Integrated Online Salary Management System	18407	https://banglarshiksha.wb.gov.in/iosms

HIGHLIGHTS

Streamlined Salary Processing:

Automated payroll system directly integrated with the Integrated Financial Management System (IFMS).

Digital Service & Pension Records:

Safe and accessible online storage of employment history and pension details.

Teacher Transfers & Pay Slip Access:

Easy online transfer process with instant availability of pay slips.

Salary Increments: Timely and accurate application of salary revisions.

Online Income Tax Management:

Convenient management of tax submissions and related activities.

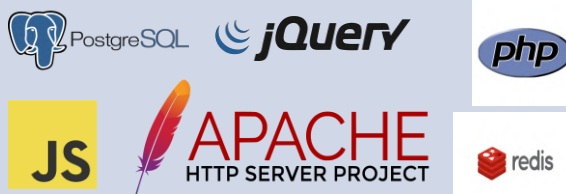
Employee Profile Management:

Secure and user-friendly updates of personal and professional records.

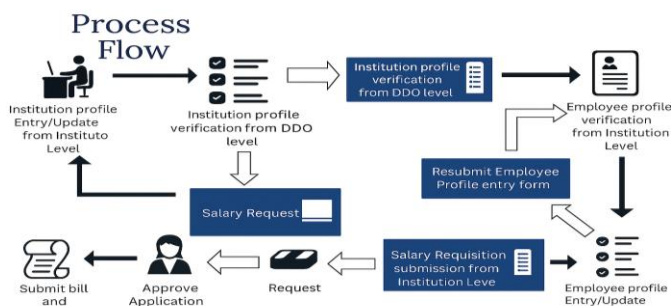
PROJECT PICTURE



TECHNICAL STACK



PROCESS FLOW



STATISTICS

Employees of Primary Schools

No. of School: 49,146

Monthly salary disbursement : Rs 753,48,15,474

Employees of Secondary Schools

No. of school: 13,196

Monthly salary disbursement : Rs 1300,63,14,154



PROJECT NAME	PRISM ID	PROJECT URL
SWAMI VIVEKANANDA MERIT-CUM-MEANS SCHOLARSHIP	17937	https://svmcm.wb.gov.in/

HIGHLIGHTS

Swami Vivekananda Merit-cum-Means scholarship Scheme is introduced to provide scholarship to meritorious but poor students studying class XI/XII, UG, PG, M.Phil. or Ph.D. course in General Degree, Medical, Technical etc. category in the state of West Bengal. More than 31L students are benefitted since the inception of this web portal and more than Rs.5400 Cr are disbursed though the SVMCM-IFMS integrated portal to the scholarship beneficiaries. There are nearly 10000 institutions come under this portal. Yearly scholarship amounts range from ₹12,000 to

Swami Vivekananda Merit-cum-Means Scholarship (V.2)

Government of West Bengal

Administrator Login | Screen Reader | A- | A+ | A

Home | About | How To Apply | Downloads | Contacts | Webinars | WB State Emergency Relief Fund

Applicant Login | Registration

1800-102-8014 | helpdesk.svmcm-wb@gov.in

"Education is the manifestation of the perfection already in the man."
- Swami Vivekananda

Medical and Nursing Institutions

Engineering and General Degree Universities

General Degree Colleges

Polytechnic Colleges and Institutions

Degree Engineering Colleges

Higher secondary Schools

Welcome To SVMCM Portal

About SVMCM

Do you know about SVMCM Scholarship? This section leads you to know about the scheme and process for applying the scheme.

Grievance Registration

Are you facing any trouble to get benefit from SVMCM? You can register your any kind of grievance from this section.

TECHNOLOGIES

Beneficiary Trends from 2017 to 2025

2017-18

44,741 fresh beneficiaries and 13,520 renewal beneficiaries

2020-21

1,99,888 fresh beneficiaries and 72,888 renewal beneficiaries

2021-22

7,10,798 fresh beneficiaries and 1,54,485 renewal beneficiaries

2024-25

2,84,319 fresh beneficiaries and 97,206 renewal beneficiaries

2018-19

72,288 fresh beneficiaries and 26,295 renewal beneficiaries

2019-20

81,251 fresh beneficiaries and 49,357 renewal beneficiaries

2022-23

4,43,802 fresh beneficiaries and 4,48,848 renewal beneficiaries

2023-24

3,11,891 fresh beneficiaries and 2,64,104 renewal beneficiaries

BENEFICIARY DISTRIBUTION BY SOCIAL CATEGORY

GENERAL

17,67,024 people belong to this caste.

OBC-A

14,183 people belong to this caste.

OTHERS

1,592 people belong to this caste.

ST

77,687 people belong to this caste.

OBC

18,871 people belong to this caste.

OBC-B

5,24,192 people belong to this caste.

SC

7,97,939 people belong to this caste.

Scholarship Disbursements Over the Years

2017-18

₹157,20,40,000 Disbursed

2019-20

₹223,39,42,000 Disbursed

2021-22

₹128,40,00,000 Disbursed

2023-24

₹122,20,00,000 Disbursed

2018-19

₹200,60,12,000 Disbursed

2020-21

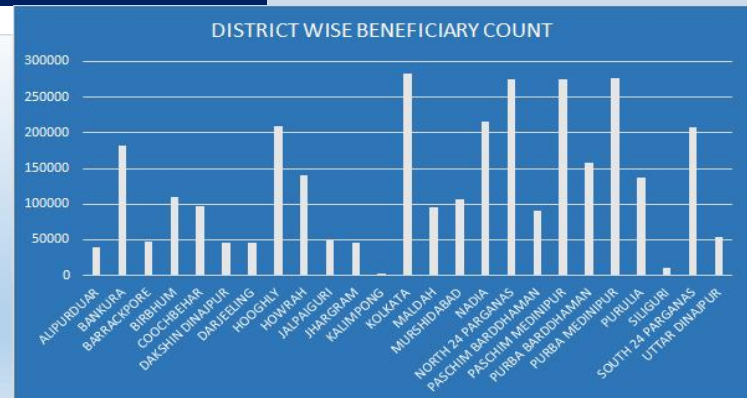
₹439,00,00,000 Disbursed

2022-23

₹143,00,00,000 Disbursed

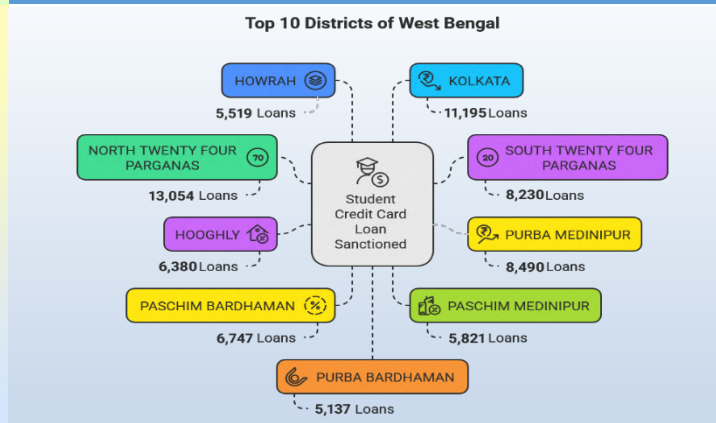
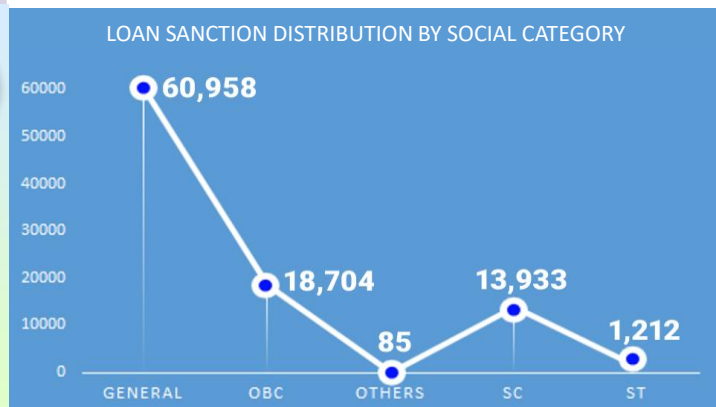
2024-25

₹874,98,65,000 Disbursed





HIGHLIGHTS



PROJECT NAME	PRISM ID	PROJECT URL
COALRR (Consolidation Of Accountable Land Resettlement & Rehabilitation)	2639	https://eccoalrr.in/

HIGHLIGHTS

Honorable Chairman Coal India inaugurated the portal on 18/09/2025 in the presence of apex officials of CIL and all its subsidiaries and Officials of NIC.

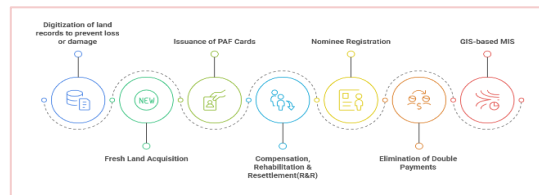
The portal aims to simplify the land acquisition process and establish a transparent and accountable digital platform.

It helps to eliminate the risk of data loss and prevent multiple payments of compensation for the same land.

It helps to visualize the information using interactive GIS maps.

Compensation, Employment modules helps the citizens to monitor their claims.

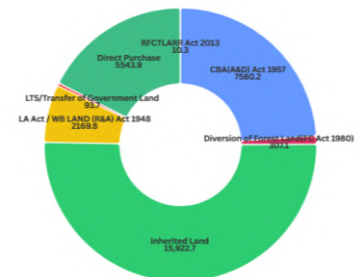
KEY FEATURES



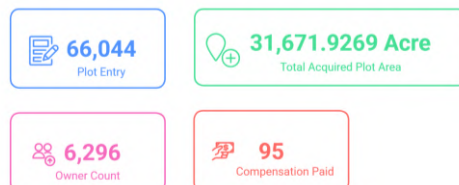
TECHNICAL STACK

Laravel, jQuery, PostgreSQL, PostGIS, MongoDB, QGIS, Leaflet.js, GeoServer, Git, Redis

Acquisition Mode-wise Area Acquired



STATISTICS



PROJECT NAME	PRISM ID	PROJECT URL
OSCAR	2161	https://castcertificatewb.gov.in

HIGHLIGHTS

The Backward Classes Welfare Department, a Department under the Govt. of West Bengal is working towards sustainable development of the persons belonging to the Scheduled Castes, Scheduled Tribes and Other Backward Classes of West Bengal.

The main aim of the Department is to improve the quality of life of these socially and economically backward classes and enhancement of capability of the people belonging to these communities , so that they can be very much part & parcel of the mainstream of the Society.

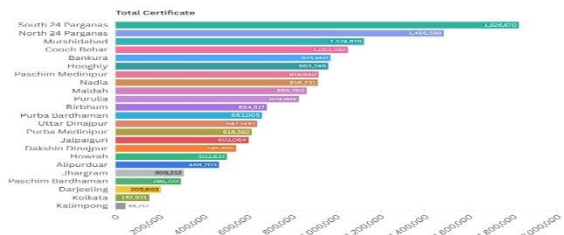
KEY FEATURES

1. Digitally sign Caste and EWS certificate
2. Online Digitization of Old Manual Certificate
3. QR Code Based Certificate Verification
4. Online Backend Processing of Applications
5. Online Application for Citizen Services.
6. Certificates are Available at Digilocker
7. 7 API Publish through NAPIX

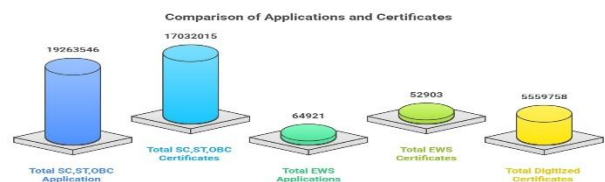
TECHNICAL STACK

1. React
2. PHP
3. Laravel
4. Node JS
5. PostgreSQL
6. Java
7. Apache

GRAPH



STATISTICS



PROJECT NAME	PRISM ID	PROJECT URL
NextGen Kanyashree Online 9.0	2505	Production URL: https://wbkanyashree.gov.in Production URL: https://admin-kanyashree.wb.gov.in/

HIGHLIGHTS

Kanyashree is a unique ICT driven Conditional Cash Transfer programme which aims at improving lives of millions of adolescent girls having poor socio-economic background by empowering the Girl Children with Educational Empowerment, Financial Empowerment and Social Empowerment. Kanyashree Online is the e-Governance programme of the scheme. Recently, the software stack of the programme has been upgraded to NextGen Kanyashree Online v9.0.

Impact: Around 3.45 Crores unit have been enrolled under this programme throughout the state. Around 3.35 Crores unit of Scholarships have been sanctioned so far.

Enhanced value to citizen: Single-window & end-to-end ICT enablement application for Kanyashree.



Technical Stack

Laravel 10, PHP 8.1, Apache2.4, PostgreSQL 17

Statistics: September 2025

Enrolled Applications – 2,75,483
Sanctioned Applications – 2,46,416
Unique Beneficiaries – 1,05,523

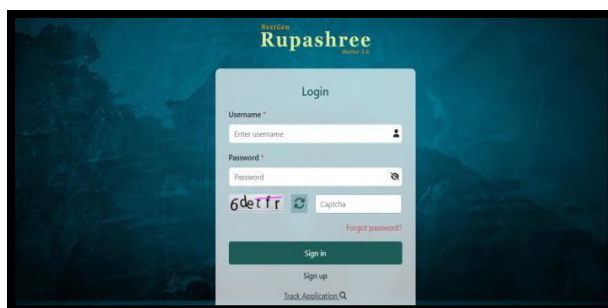
Statistics: Since Inception (Oct 2013)

Enrolled Applications – 3.45 Crores
Sanctioned Applications – 3.35 Crores
Unique Beneficiaries – 94.5 Lakh

PROJECT NAME	PRISM ID	PROJECT URL
NextGen Rupashree Online 3.0	2528	Production URL: https://rupashree.wb.gov.in

HIGHLIGHTS

“Rupashree Prakalpa” is a flagship programme of GoWB for economically stressed families to provide cash assistance is Rs.25,000 at the time of their adult daughters’ marriages. Rupashree Online is the e-Governance mechanism of the scheme which provides end-to-end ICT enablement from beneficiary enrolment to direct benefit transfer.



Technical Stack

Laravel 10, PHP 8.1, Apache2.4, PostgreSQL 17

Statistics since inception

Covered District – 24
Covered Block/Municipality – 473
Total Beneficiary – 19,27,554
Beneficiary – 10,002 (September 2025)

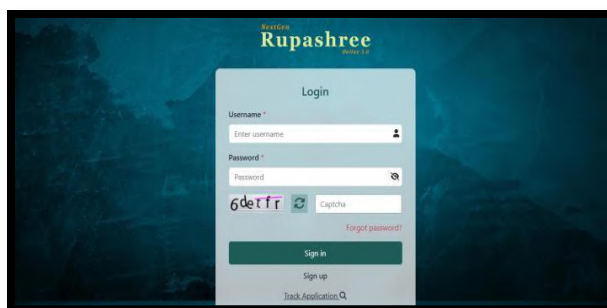
PROJECT NAME	PRISM ID	PROJECT URL
Child Marriage Reporting and Tracking System	2814	Production URL: https://cmrts.wb.gov.in

HIGHLIGHTS

CMRTS portal has been developed for reporting and recording Child Marriage cases in West Bengal.

Impact:

Total No. of Interventions reported in CMRTS portal: 11029 Enhanced value to citizen:
End-to-end ICT enabled solution



Technical Stack

CodeIgniter 3, PHP 7.4, Apache2.4, PostgreSQL 13

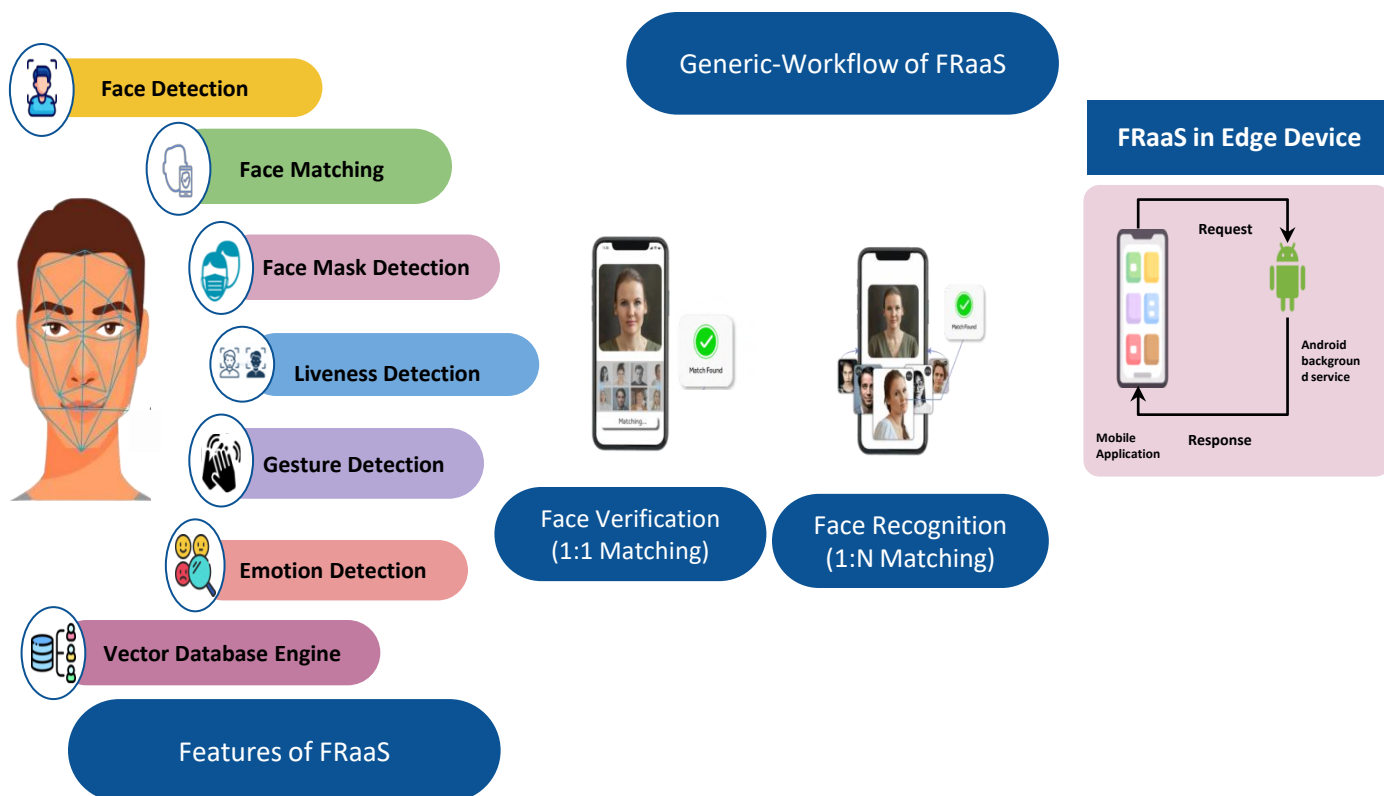
Statistics since inception

Intervention Reported –11029
Home Enquiry Done –9673
Follow-up Done –36318

Statistics: September 2025

Intervention Reported – 550
Home Enquiry Done – 582
Follow-up Done – 2659

PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata Face Recognition as a Service		



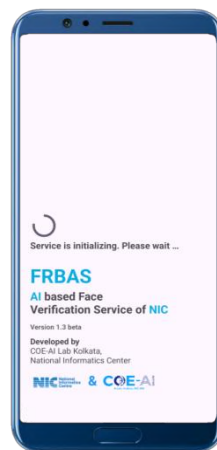
PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata Face Recognition based Attendance System (FRBAS)		



FRBAS - PBSSD



FRBAS - School (Proposed)



FRBAS (offline) - Agristack



FRBAS – Employee Attendance



FRBAS - Anganwadi (Proposed)



FRBAS - ARD (Proposed)

PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata FRBAS - Utkarsh Bangla (Technical Education Dept)		



FRBAS-PBSSD



Sl No	Trainee Code	Trainee Name	Group Attendance Time	Difference in Meter
1	[REDACTED]	[REDACTED]	2022-03-10 16:20:46.592102	20.287210190321
2	[REDACTED]	[REDACTED]	2022-03-10 16:20:46.676073	20.287210190321

Group Attendance

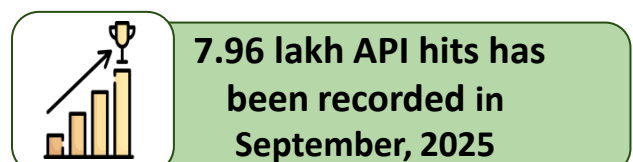
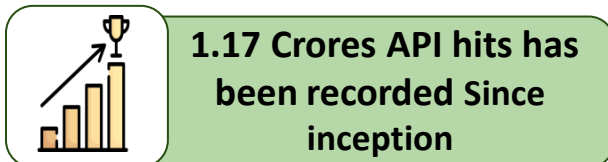
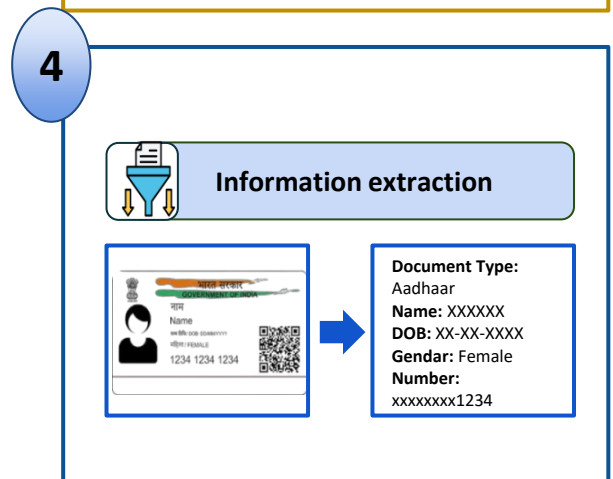
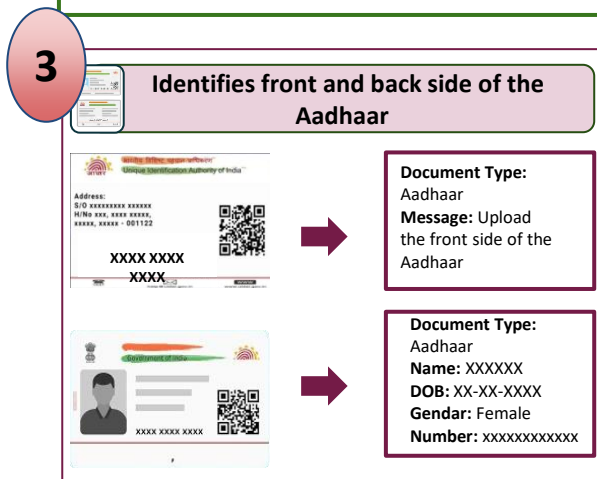
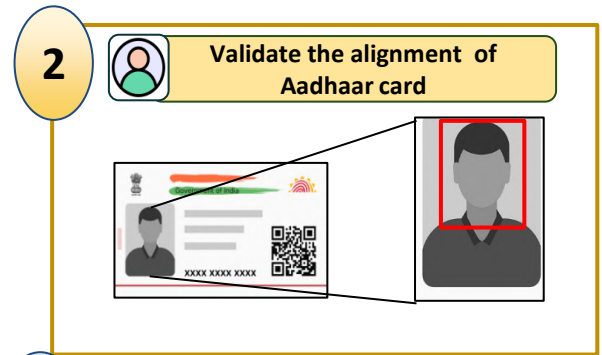
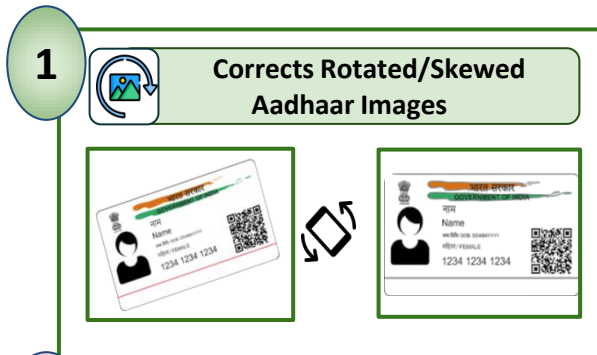
 **3,58,649 Trainers and Trainees Registered**

 **3401 Skill Development Training Centre On-boarded**

 **8.66 crore API hit Generated for capturing Attendance since inception**

 **70.93 lakh API hit Generated for marking Attendance in September, 2025**

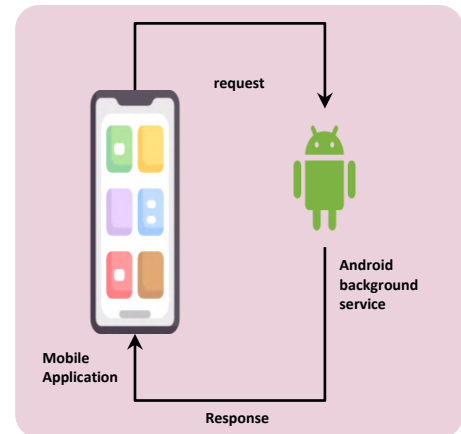
PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Abhigyan - AADHAAR (Specialized Service for Information Extraction from Aadhaar Card)		



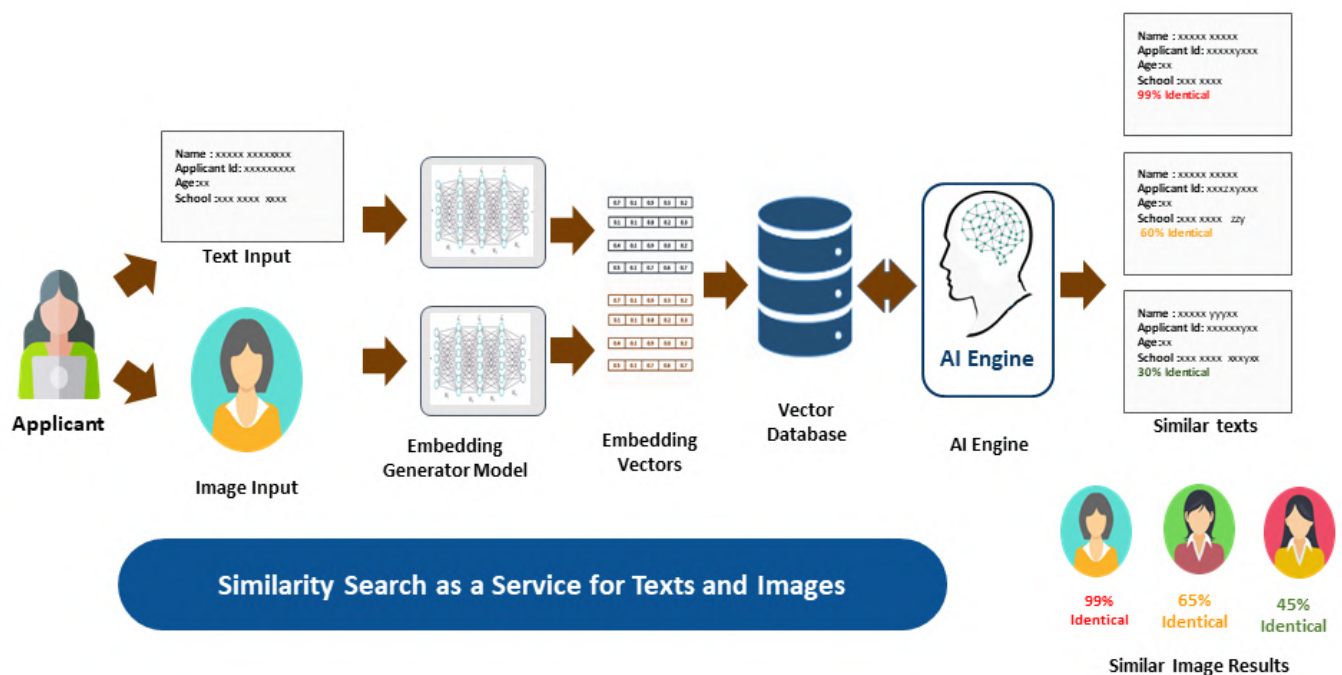
PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Shirshankh AI-Enabled Person Count Services of NIC		

HIGHLIGHTS

Being implemented in NREGA Mobile Monitoring System (NMMS) under the MGNREGA Project, initiated by the Ministry of Rural Development in both online & offline mode.



PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI enabled beneficiary de- duplication service		



Statistics since inception

AI Transaction in Kanyashree – 3.19 Crores

AI Transaction in Rupashree – 59 Lakhs

Statistics September 2025

AI Transaction in Kanyashree – 1,30,834

PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Enabled Cardamom Leaf Disease Classification		

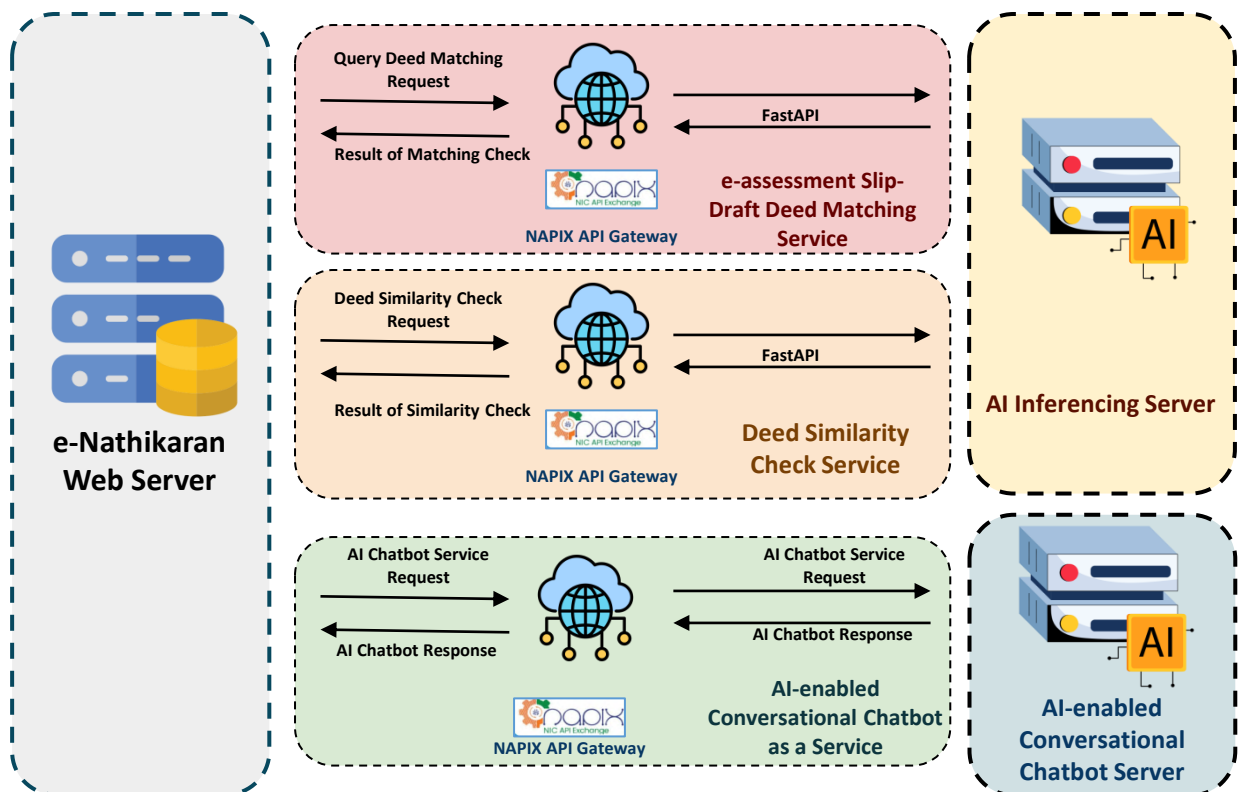


Predicted class: **Colletotrichum Blight**
Confidence score: **98%**

MoU has been signed with Spices Board (Ministry of Commerce and Industry, Government of India) on 03/07/2024



PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Services for e-Nathikaran	3792	



PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Sanlaap Conversational AI-based Multimodal Multilingual Chatbot Framework of NIC		



Multilingual

- English
- Bengali
- Hindi



Multimodal

- Text to Speech
- Speech to Text
- Translation
- Transliteration



Hybrid Architecture

- Knowledge-base Based
- RAG Based
- Rule Based



Customizable Knowledge Base (KB)



Knowledge Base Creation using RAG



Hybrid Answering system : RAG and KB



Rule based customized chat features



Statistical Report



Feedback

WCD & SW

EoDB

Proposed to

SRS

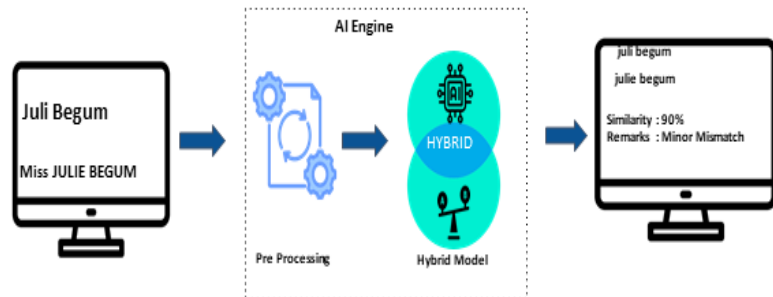
DORSR

PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Anurup AI-based Beneficiary Name Matching of NIC		

Traditional Approaches

Common key, list-based, edit distance (e.g., Levenshtein)

No understanding of context or minor errors



Word Embedding

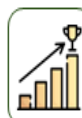
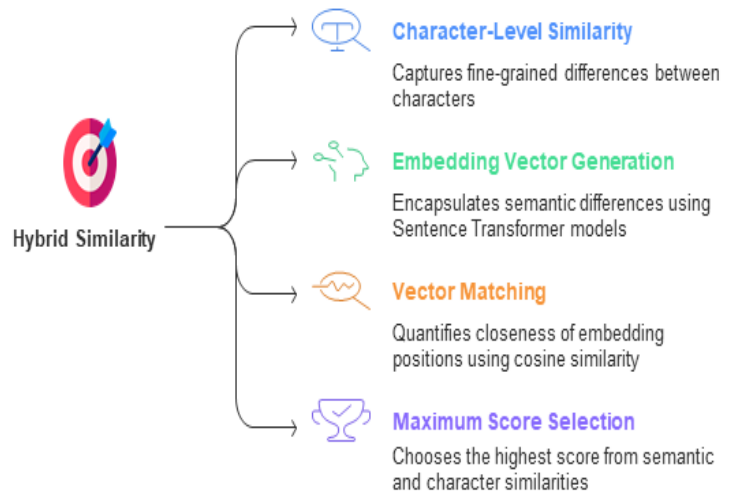
Numeric representation of names

Captures basic context

Transformer-Based Methods (LLMs)

Understands semantics, transliterations, and variants.

Robust to surface-level differences



30,060 Name similarity found in July, 2025
(Used for KP, RP, Lakshmir Bandar & Jai Bangla)

Proposed to





PROJECT NAME	PRISM ID	PROJECT URL
eCHALLAN		https://echallan.parivahan.gov.in/

HIGHLIGHTS

- e-Challan is a sophisticated software application comprising Android based mobile app and web interface, developed for the purpose of providing a comprehensive solution for Transport Enforcement Officers and Traffic Policemen. This app-cum application is integrated with Vahan and Sarathi applications and provides a number of user-friendly features while covering all major functionalities of Traffic Enforcement System.
- One Nation One Challan Android based mobile app and web application for issuing e-Challans.
- Comprehensive solution for transport and traffic enforcement officers.
- End-to-end automated system with customizable digital interface for all the stakeholders.
- The application introduces a novel concept of using mobile based app for issuing eChallan. The mobile based access to the system is available only to enforcement officers through android smart phones.



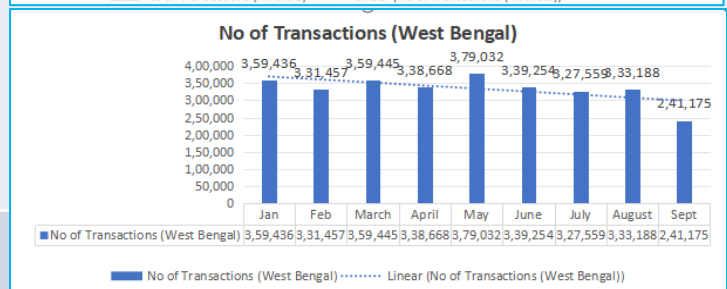
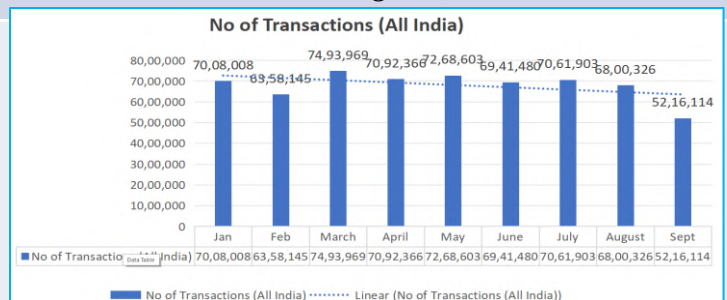
TECHNICAL STACK

Frontend - Angular 1.3.15, Bootstrap 5.3.3, jQuery 3.6.0

Backend - PHP 5.6 with Zend 1.0 Framework

Database - PostgreSQL 15.3

GRAPH-



STATISTICS

No of Challan: Reporting Month- All India total challan- 52,16,114. Cumulative- 30,52,57,377

No of Challan West Bengal- Reporting Month- 2,41,175, Cumulative-87,78,989

PROJECT NAME	PRISM ID	PROJECT URL
iRAD	\	https://irad.parivahan.gov.in/

HIGHLIGHTS

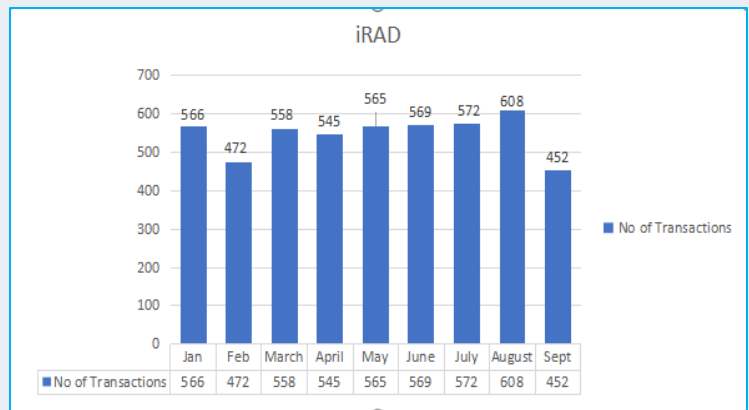
- The Integrated Road Accident Database (iRAD) Project is an initiative of the Ministry of Road Transport and Highways (MoRTH), Government of India. The purpose of iRAD project is to provide mechanism to collect and analyse road accident data from all over West Bengal State to understand the causal factors of the accident and formulate new interventions and policies to facilitate reduction in the number of road accidents thereby enhancing road safety in India.
- The data is fetched from VAHAN and SARATHI Portal into iRAD Application for accident entries. iRAD Application will be integrated with CCTNS Server for FIR details soon.
- iRad/eDAR enhances the value proposition for citizens by making the road accident claims process more efficient, transparent, and less burdensome, ultimately leading to a better experience for those affected by road accidents.



TECHNICAL STACK

Centrally Developed

GRAPH-



STATISTICS

iRAD-Number of Accidents recorded Reporting Month- 452.
Cumulative-14,879

PROJECT NAME	PRISM ID	PROJECT URL
PUCC		https://puc.parivahan.gov.in/puc/

HIGHLIGHTS

- Pollution Under Control Certificate (PUCC) is a centralized application designed to connect all Vehicle Pollution Checking Centres which issues Pollution Under Control Certificates to vehicles as per Motor Vehicle Act. It facilitates mandatory linking of PUCC status of vehicles with the Centralized Vahan Database for vehicles as per Supreme Court Guidelines.
- The application captures smoke parameter through API provided by the manufacturer, vehicle number plate through webcam, and sends OTP to the vehicle owner.
- Subsequently, PUCC is issued to the vehicle owner if the pollution emitted by the vehicle (Petrol, Diesel, four/ two-wheeler, transport/ non-transport, etc.), is as per norms.
- Completely online certificate issuance process ensures compliance with current emission norms, data accuracy, transparency as well as efficiency.
- Centralised monitoring of individual PUCC Centres and Devices.
- A completely work-flow based application, ensuring less paperwork in RTOs due to automation of processes and availability of all the information online, resulting in substantial reduction of paper-work.
- Deployed in Cloud environment (VM provisioning from the National Data Centre of NIC), ensuring minimal infrastructure/ hardware requirement.



TECHNICAL STACK

Web Application

Frontend - JSF 2.x, UI Library-Primefaces, HTML5, CSS3 and Javascript

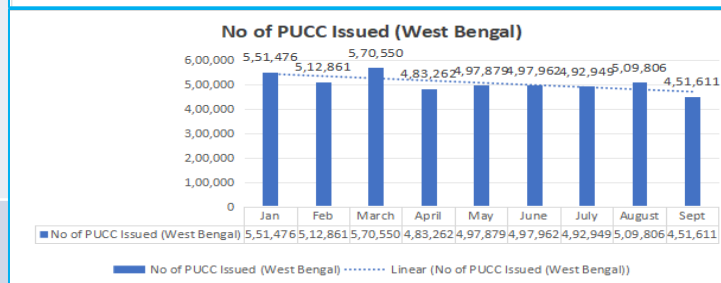
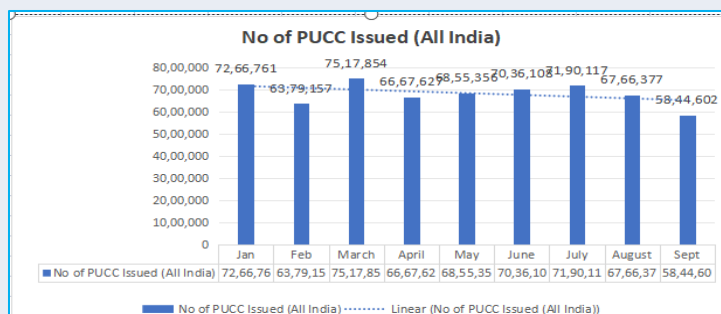
Backend - JSF, JDK 17 and Spring boot 3.4.1

Database - PostgreSQL 15.3

Android App:

Frontend - Kotlin 1.8 , Java 8 and XML

GRAPH-



STATISTICS

Number of PUCC issued All India. Reporting Month- 58,44,602. Cumulative- 38,18,47,172

Number of PUCC issued West Bengal- Reporting Month- 4,51,611, Cumulative-3,03,65,722



PROJECT NAME	PRISM ID	PROJECT URL
SARATHI		https://sarathi.parivahan.gov.in/sarathiservice/stateSelectBean.do

HIGHLIGHTS

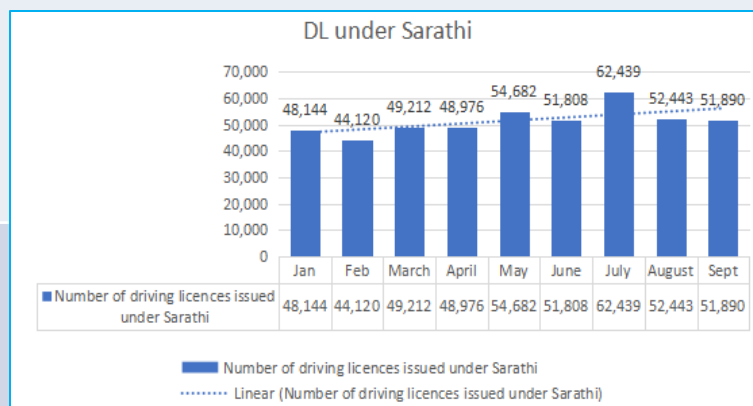
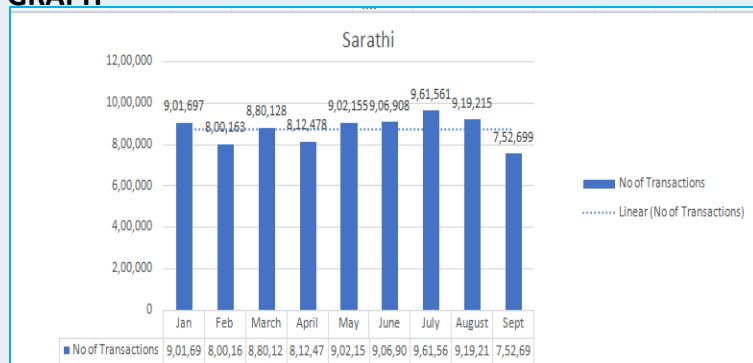
- SARATHI 4.0 is currently providing services throughout 56 RTO/ARTO of 24 districts in West Bengal, for issue of Learner's Licence, issue of Driving License, issue of Conductor License and issue of Driving School Licence. All the services related with Learner's Licence, Driving Licence, Conductor Licence and Driving School Licence are available through Citizen Centric Service portal to avail services from convenient location.
- SARATHI-4 has been integrated with West Bengal state service portal (BSK) and providing four services related with driving licence and two services related with conductor licence.
- SARATHI-4 has been integrated with eChallan which makes easy to get offence(s) lodged against driving licence.
- SARATHI-4 is providing BRAP(EoDB) Statistics in order to track end-to-end service wise delivery statistics in transparent way.
- Citizen may submit application and may deposit prescribed fees through online fees payment facility without visiting RTO/ARTO.



TECHNICAL STACK

Centrally Developed

GRAPH-



STATISTICS

Number of Transactions under Sarathi- Reporting Month- 7,52,699. Cumulative- 3,68,06,820
 Number of driving licences issued under Sarathi- Reporting Month- 51,890, Cumulative-98,87,177

PROJECT NAME	PRISM ID	PROJECT URL
VAHAN		https://vahan.parivahan.gov.in/vahan/vahan/ui/login/login.xhtml

HIGHLIGHTS

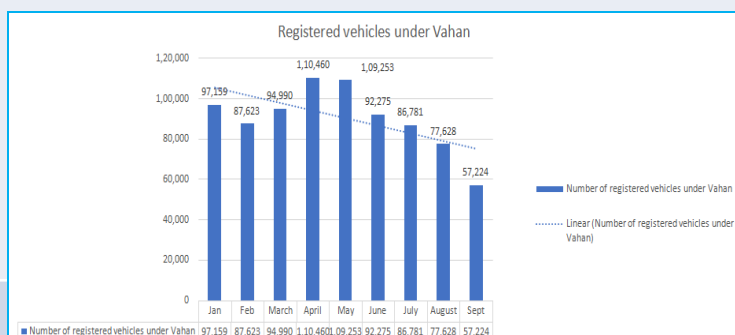
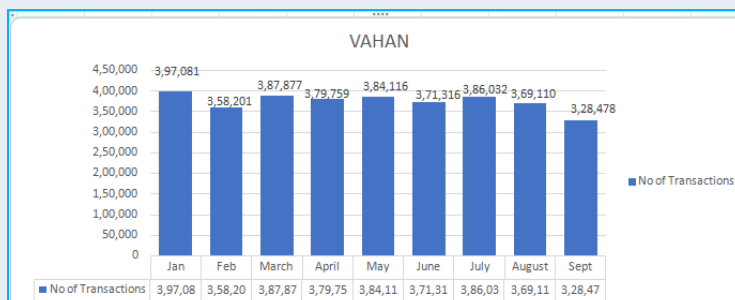
- VAHAN is a highly flexible and comprehensive system that takes care of all the burdensome activities of Vehicle Registration, leaving the Transport Department to deal with more important business issues. The software enables the processes at RTO/ARTO involving Vehicle Registration, Fitness, Taxes, Permits & Enforcement to get computerized.
- The State Transport Department is governed by both Central Motor Vehicle Regulation (CMVR) and state specific Motor Vehicle Regulation (State MVR). Consequently, VAHAN was conceptualized as a product that would capture the functionalities as mandated by CMVR as well as state MVRs.
- VAHAN offers various e-services to citizens, including applying for fancy number plates and checking vehicle registration status.
- The citizen of West Bengal can print their Vehicle Registration Certificate and No Objection Certificate without going to Arto/Rto In Inter State Permit Buses can move from West Bengal to Other State for five years.
- In Special Permit Passenger Vehicle can ply for certain no of days within source and destination places.
- Dealer can apply for Trade Certificate without going to Arto/Rto.



TECHNICAL STACK

Centrally Developed

GRAPH-



STATISTICS

No of Transactions under Vahan- Reporting Month- 3,28,478.
Cumulative- 12,65,32,636
Number of registered vehicles under Vahan- Reporting Month- 57,224, Cumulative- 1,75,58,142



PROJECT NAME	PRISM ID	PROJECT URL
e-Detection		https://vahan.parivahan.gov.in/eDetection/#/login

HIGHLIGHTS

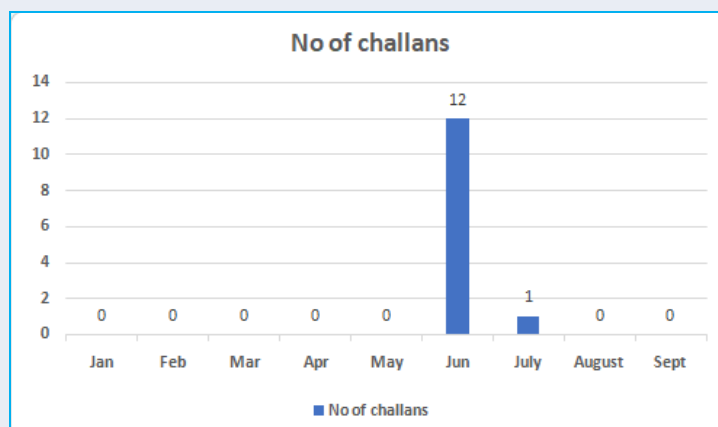
- e-Detection portal detects defaulters (Tax, fitness of vehicle, Insurance) vehicles while passing through toll plaza and then take necessary actions by Transport Department. In West Bengal pilot project has been just started (June-2025) at Debra toll plaza and inaugurated by West Bengal Transport Officials along with NIC officials.
- Enhances enforcement efficiency and revenue collection by automating detection of defaulter vehicles
- Flow of actions:
 - Vehicles passing through toll plazas
 - Passing vehicles data of toll plazas fetched through e-detection portal
 - Motor vehicle inspector inward challan for all default vehicles through e-detection
 - Vehicle owners can pay challan amount through echallan portal.



TECHNICAL STACK

Centrally Developed

GRAPH-



STATISTICS

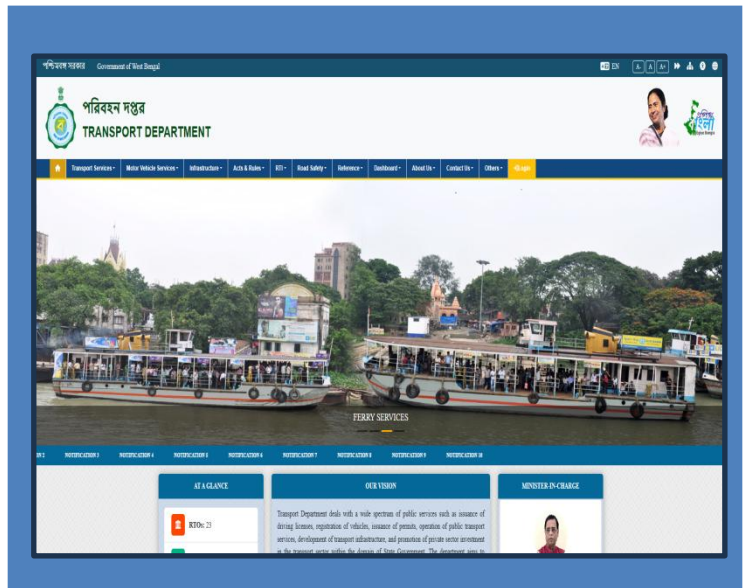
e-Detection-Number of challans recorded
Reporting Month- 0.
Cumulative-13



PROJECT NAME	PRISM ID	PROJECT URL
CMS Portal(CONTENT MANAGEMENT SYSTEM & REPORTING)	3586	At present in a development phase

HIGHLIGHTS

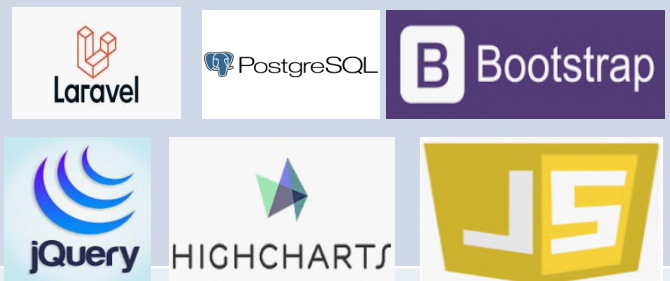
- User Authentication and Authorization
- Form based Entry and Update of Schemes
- Entry of Scheme Status
- Reporting Workflow
- Report Compilation at State Level
- Data Visualization and Analysis
- Notifications and Alerts
- User Management
- Data Export
- Security Features
- Reporting Categories and Templates
- Data Quality Checks
- Demonstration to The Transport Department



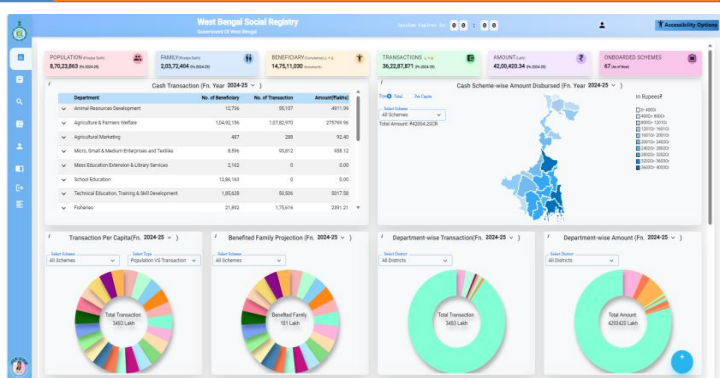
TECHNICAL STACK

Laravel PostgreSQL, Bootstrap jQuery, Highcharts JS

TECHNOLOGY USED

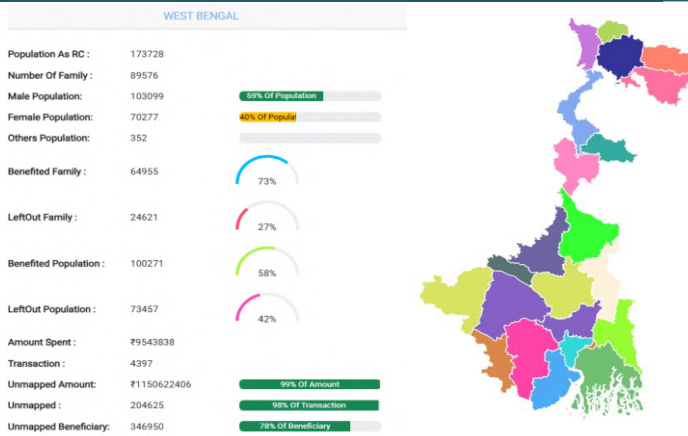


The West Bengal Social Registry System (WBSRS) is a centralized platform developed to streamline welfare scheme delivery across the state. Managed by the Finance Department, it currently hosts **67** of **135** schemes—including **53** state and **14** central schemes. Data integration is enabled via Kafka (real-time streaming), APIs (system integration), and Excel uploads (for manually maintained schemes), ensuring flexible and comprehensive coverage. Category of application: G2G, G2C, G2E.



GIS-powered Statistical Profile

Key Features:



- 01 Unified brochure of 135 schemes
- 02 Chart-based monitoring with regular updates
- 03 GIS-enabled LGD dashboards
- 04 Khadya Sathi as single source of truth
- 05 AI Chatbot for scheme info
- 06 Secure access with MFA & role-based control
- 07 Data exchange via Kafka, APIs & Excel

Recent Activities:

Usage Statistics:

- Compliance of Level-I Security Audit issues.
- Login Session management from server side only.
- Improvements in System Performance.
- Improvements in Dashboard features.
- Single and exclusive login
- Implementation of Bhashini Translation Plugin, Open Project & APISIX initiated.
- Session Expiry Timer implemented.
- Advanced RAG-based chatbot in development.

Available Data	August 2025	September 2025	Total FY:25-26
Schemes On-boarded	0	1	9
Beneficiary	20 Lakh	2.80 Lakh	14.75 Cr
Transaction	10.37 Cr	4.69 Cr	15.36 Cr

Technology Stack:


HOD: Shri Sarajit Dey, Scientist-F
Project Coordinator: Shri Arnab Pal, Scientist-D
SIO: Shri Atanu Das, DDG & Scientist-G

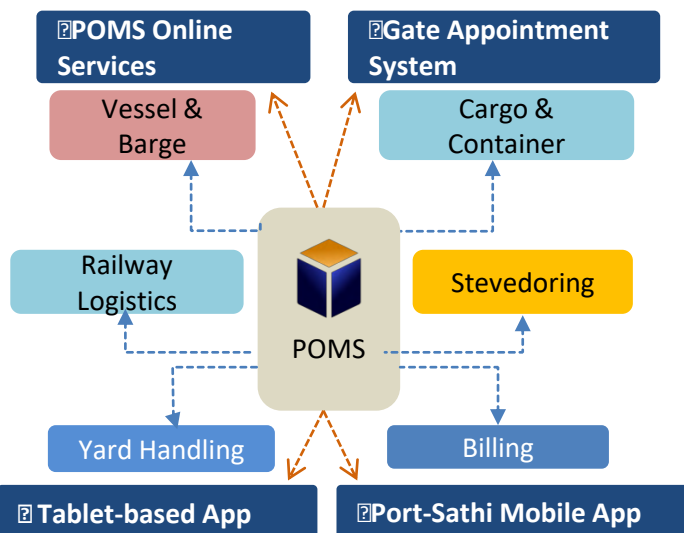
✉: shod7-wb@nic.gov.in, s.dey@nic.gov.in
✉: arnab.pal@nic.gov.in
✉: sio-wb@nic.gov.in

Highlights: (Prism Id:20880)

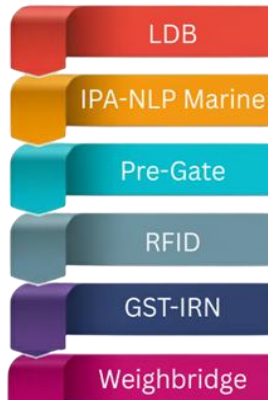
: <https://kdseodb.smporkolkata.in>

Port Operations Management System (POMS) was developed in 2007 and implemented in 2010 for Syama Prasad Mookerjee Port, Kolkata (Kolkata Dock System), to streamline and support various port operations. Despite challenges like the COVID-19 pandemic, POMS has operated continuously and evolved through regular upgrades to meet modern port business needs.

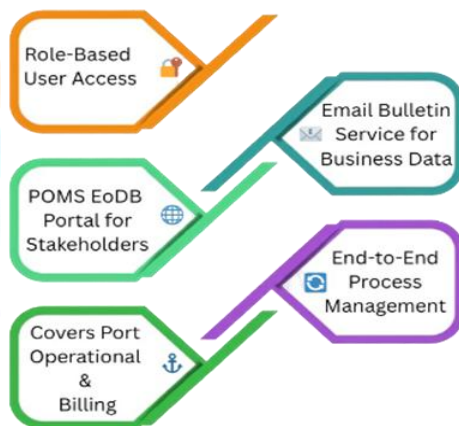
Key Functionalities:



Integrations



Key Features:



Recent Activities:

API Integration: 4 inbound and 8 outbound messages ready for APSEZ-SMPK testing.

Charges & Rebates: Foreign container composite box charges now include rebates. Garbage removal charge added to POMS billing. New container rebate added in GST code.

Billing Enhancements: Dy. CAO-III's digital signature added to GST invoices. Royalty billing module developed for Century Port Limited.

Rate Revisions: Updated rates in Weighbridge modules at KPD-I (East) and Coal Dock.

Usage Statistics:

Key entity	August' 2025	September' 2025	FY-2025-26
Vessel	95	72	506
Rake	317	315	1769
Vehicle	30057	27183	175649
Container	58731	48857	316001
Consignment	16986	13462	92284
Sagar Setu Messages	126635	105678	756389
Invoice Count	17475	15031	95365

Technology Stack:



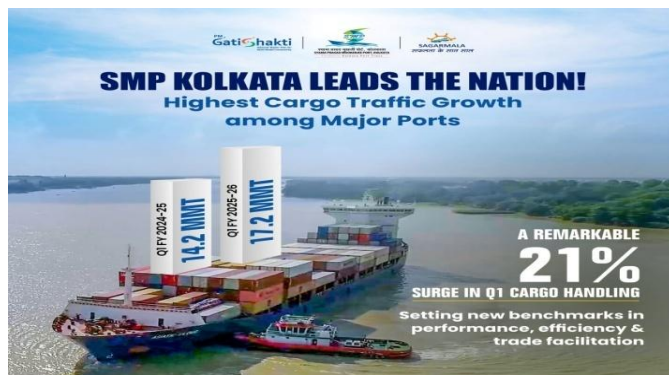
Highlights: (Prism Id:20883)

In 2000, NIC/NICSI initiated a turnkey project at Haldia Port, resulting in the development of the Enterprise Business Application Software (EBAS), covering five operational and five functional divisions. Implemented in July 2003, EBAS has been continuously maintained and upgraded to meet evolving business needs, including Ease of Doing Business (EoDB), GST integration, Logistics Data Bank (LDB), Haldia International Container Terminal (HICT), IPA-NLP Marine, and a Mobile App, further strengthening its capabilities.

Category of application: G2G, G2B, G2E.

Usage Statistics:

Operation Statistic	August 2025	September 2025	Total FY-2025-26
Vessel	173	172	1029
Rake	869	910	5160
Vehicle	5099	5140	27724
Consignment	18724	20339	96595
Tax Invoice	4293	4793	23297
Sagar-Setu Messages	156501	155853	926721



Technology Stack:



HOD : Shri Sarajit Dey, Scientist-F

Project Coordinator: Shri Aniruddha Pal, Scientist-F

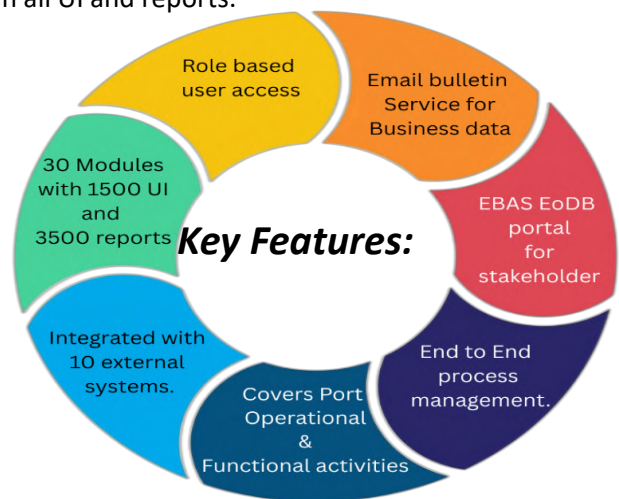
SIO: Shri Atanu Das, DDG & Scientist-G

URL : <https://hdceodb.smporkolkata.in>



Recent Activities:

- Foreign Trade data relevant to Container & Marine prepared for the Directorate General of Foreign Trade (DGFT).
- Arrear charges functionality adopted in electricity bill for consumer.
- The revised Scale of Rate implemented for electricity module.
- The existing "Remission" bill generation application modified.
- The Gate Receiving of Containers UI modified to fetch VGM weight from COPRAR.
- The "Strategic Plan Data Entry" for Berths 4A & 12 developed to meet port business need.
- The revised attendance abbreviations implemented in all UI and reports.



✉: shod7-wb@nic.gov.in, s.dey@nic.gov.in

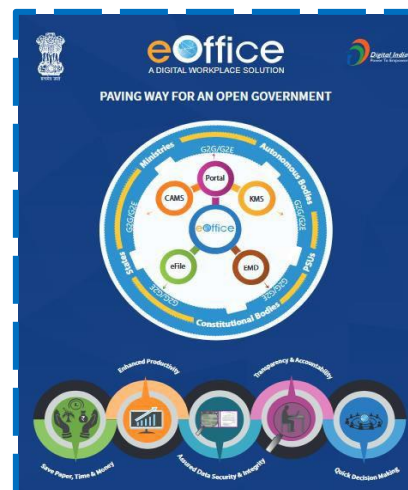
✉: anipal@nic.gov.in

✉: sio-wb@nic.gov.in

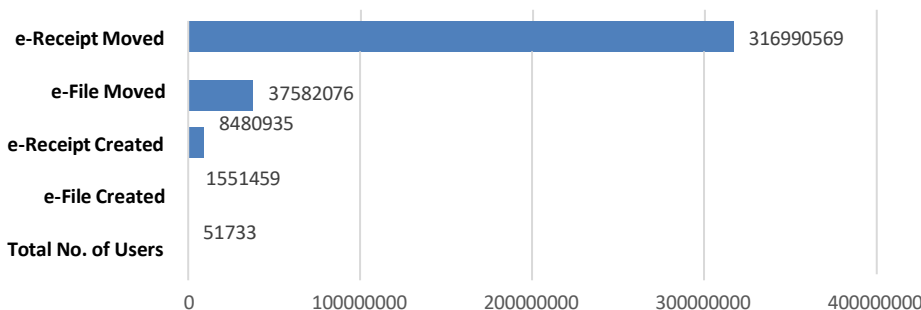
Impact and

<https://eoffice.wb.gov.in>

- ✓ Currently, all 54 departments, 237 directorates/parastatals, all 22 districts, 39 sub-divisions are working in eOffice with around 40,000 files transacted daily.
- ✓ After implementation of eOffice, as per user experience, the file disposal rate has become 10 times than the older conventional physical file system. Instantly any number of files are sent and received without requiring any help of any peon etc and the recipients get SMS/email alert messages on receiving any file.
- ✓ Any file in any department can be traced immediately.
- ✓ Apart from saving stationaries, it is saving significant amount of government revenue and valuable time as files are now not required to transport from departments at different locations to Finance, Home department etc.
- ✓ As anyone can work from anywhere and anytime, even from home, it adds to the productivity manifold. During Covid situation the productivity is file



EOFFICE STATISTICS SEPTEMBER 2025 GOVERNMENT OF WEST BENGAL



Future Road Map

- ✓ It has been decided by GoWB to implement eOffice in all the directorates of all the secretariat departments. Works are in progress to achieve the target.
- ✓ In the next phase extend eOffice to all Sub-division and Block level. This would make West Bengal as a unique state to achieve complete eGovernance.
- ✓ It is also planned to have a Disaster Recovery (DR) setup in different geographic location for ensuring safety of data and also a Business Continuity Plan (BCP) to ensure availability of eOffice.

DEPARTMENT UNDER CENTRAL GOVERNMENT

- ✓ Coal India
- ✓ Damodar Valley Corporation
- ✓ AIIMS Kalyani
- ✓ Tea Board India
- ✓ Geological Survey of India
- ✓ Indian Army Eastern Command
- ✓ AIH&PH
- ✓ National Atlas & Thematic Mapping Organisation (NATMO)
- ✓ National Council of Science Museums (NCMSM)
- ✓ Bureau of Mines
- ...and more.

HIGHLIGHT

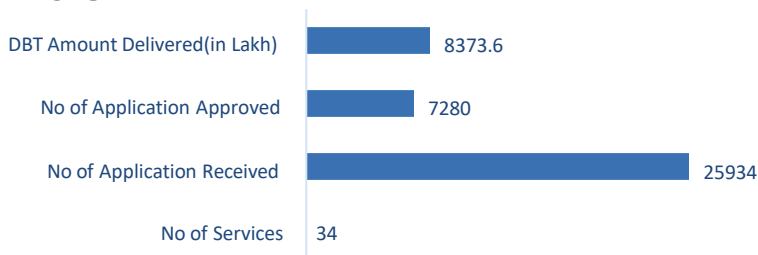
<https://serviceonline.gov.in>
<https://tathyasathi.bangla.gov.in>

All-in-one citizen engagement platform, used by State Government and Tea Board of India in West Bengal

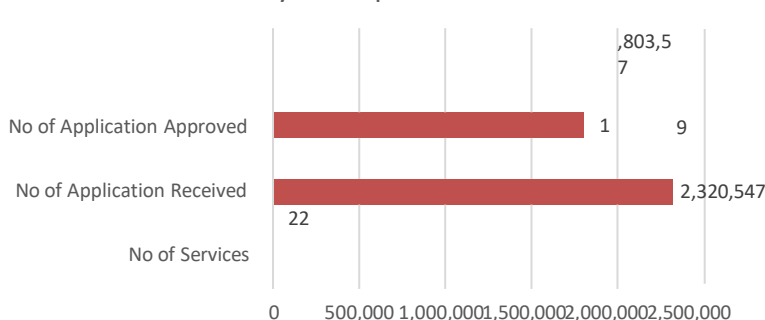
“Make all Government services accessible to the common man in his locality, through common service delivery outlets, and ensure efficiency, transparency, and reliability of such services at affordable costs to realize the basic needs of the common man”

- **Regulatory Approval Services** : The services like Issuance of Electricity Permission, festival permission, idol immersion are given to the citizens.
- **E-Governance Services** : Around 34 no of e-governances including DBT are being delivered for various schemes of Tea Board of India.
- **Issuance of Certificates Services** : Various certificates like income certificate, Residential Certificate, legal heir certificates etc being generated for Govt of West Bengal.

Central Government Journey for September 2025

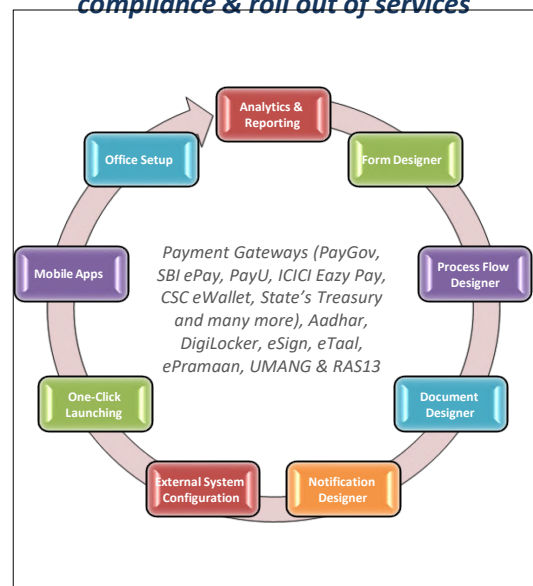


State Government Journey for September 2025



Features

Powerful in-built tools enable rapid design, easy configuration, security compliance & roll out of services





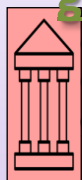
National Projects Implemented in WB

E-COURTS

Objective

- To develop, install and implement decision support system in courts
- To automate judicial processes to provide transparency in accessibility of information to its stakeholders
- To enhance judicial productivity both qualitatively and quantitatively
- To make justice delivery system affordable, accessible, cost effective, predictable, reliable and transparent
- To make policy for managing caseloads for effective court management and case load management.
- To provide interoperability and compatibility with systems like Interoperable Criminal Justice System.
- Installation of video conferencing facility and recording of witness through VC
- Connecting all courts in the country to [National Judicial Data Grid \(NJDG\)](#)
- Providing citizen-centric services through various platforms for service delivery such etc. as [web portal](#), [Mobile App](#), [judicial service center](#), [kiosks](#), [SMS](#), [automated emails](#).

District Courts at a glance



Court Complexes:
92



Cases in DB
(pending & disposed):
9740066



Court Establishments:
277



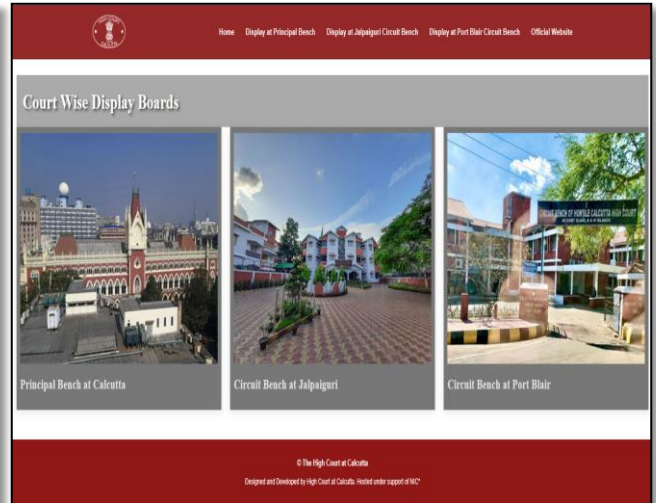
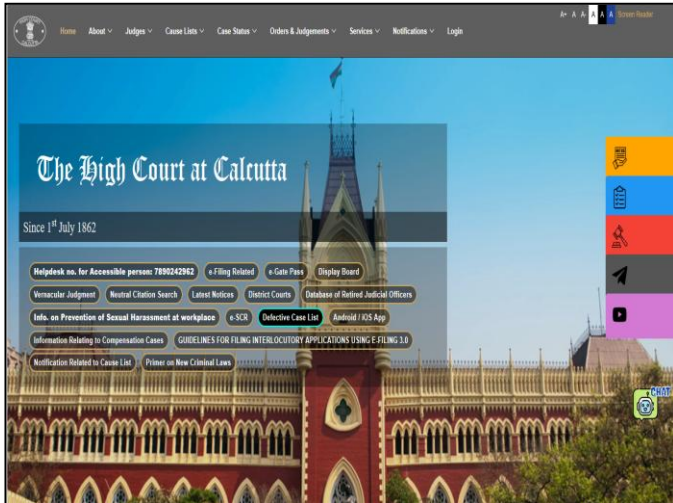
Orders:
13749682



Bench	Institution (last month)	Disposal (last month)
Principal Bench , Original Side	509	410
Principal Bench , Appellate Side	3050	7214
Circuit Bench at Jalpaiguri	631	594
Circuit Bench at Port Blair	46	57

E-filing count (Sept.,2025): 519 (Hon'ble High Court at Calcutta)

IT initiatives at Calcutta High Court



Calcutta High Court Website
(<https://calcuttahighcourt.gov.in>)

Display board of Calcutta High Court
(<https://display.calcuttahighcourt.gov.in>)



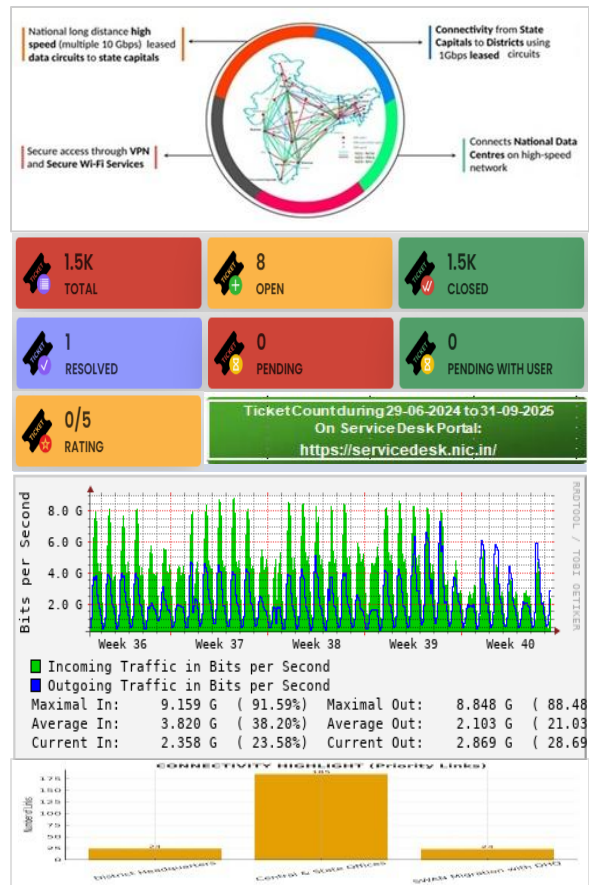
Periphery applications based upon CIS at Calcutta High Court



PROJECT NAME	PRISM ID	PROJECT URL
NICNET (Internet & Intranet Backbone for Government Machinery)	\	https://www.nic.in/service/nicnet

HIGHLIGHTS

The National Informatics Centre (NIC) has established a robust Information and Communication Technology (ICT) network known as NICNET, which connects all Central and State Government Ministries, Departments, Union Territories, and District administrations across India. NICNET has played a key role in driving e-Governance across multiple levels of government, improving transparency, efficiency, and accountability. In West Bengal, NICNET has been operational since 2003, connecting over 320 government offices and serving as the primary backbone for data sharing within the state government. The network also facilitates fast access to various services through peering with BSNL, PGCIL, Railtel, and international content delivery networks like Google, Microsoft, and Akamai.



HOD: Shri Dipankar Sarkar
Other Officers:

Email: hod.nknvcs-wb@nic.gov.in

SIO : Shri Atanu Das

Email: sio-wb@nic.in



PROJECT NAME	PRISM ID	PROJECT URL
VIDEO CONFERENCING SERVICES (PRAGATI)	\	URL: https://reserve.nic.in

HIGHLIGHTS

NIC West Bengal Video Conferencing facility plays a vital role in supporting the hierarchical departments of the Government of West Bengal i.e. Governor, Chief Minister Office, Chief Secretary Office, Council of Ministers, Departments, Secretariat, Directorate, District Administration, Co-District Commissioner Office, Block and Panchayat Level.

In September'2025, total 71 No. of VCs has been conducted where 275 sites participated with 533 studio hours

Out of 71 VCs, we have conducted 30 VCs on Bharat VC platform where 268 participants joined through link.

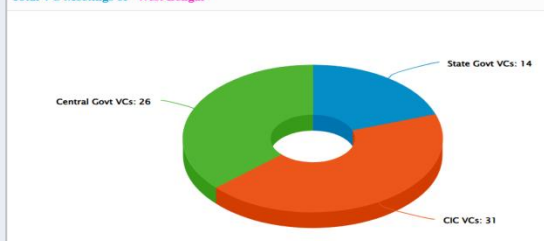
Additionally, Prime Minister 01 VC, Cabinet Secretary 01 VC, Secretary, Govt. of India 07 VCs, Election Commission 03 VCs has been conducted successfully.



Summary

	No of VC meetings	Studio hours	Site Participated
VC meetings of State Govt.	14	464	197
VC meetings of Central Govt.	26	56	26
VC meetings of CIC	31	12	52
Total	71	533	275

Total VC Meetings of West Bengal



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Email: sio-wb@nic.in

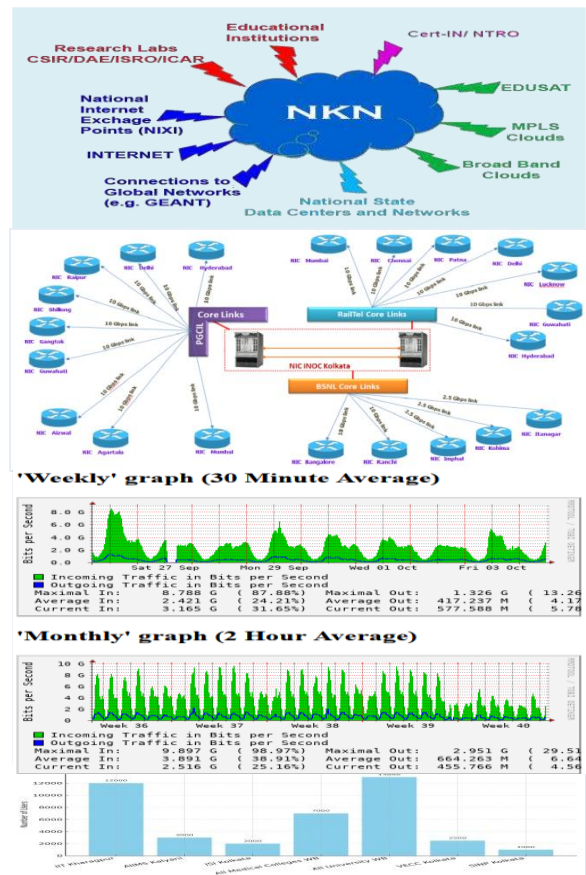


PROJECT NAME	PRISM ID	PROJECT URL
National Knowledge Network (NKN)		URL: https://nkn.gov.in

HIGHLIGHTS

The National Knowledge Network (NKN) project is designed to create a secure and reliable high-speed network across India, connecting universities, research institutions, and healthcare and agricultural institutions. In West Bengal, NKN has been operational since 2010, linking 91 premier educational and research organizations, including IIT Kharagpur and AIIMS Kalyani, IIM Kolkata, VECC, SINP, ISI to facilitate knowledge sharing, collaborative research, and advanced distance education. NKN Kolkata has maintained zero central downtime since its inception, and it connects to other states via 21 core links with 10/2.5 Gbps bandwidth.

State-of-the-Art NKN Central Super Core PoP at West Bengal with a total 187.5 Gbps backbone bandwidth with High Availability (HA) and ISO Compliant infrastructure backed up by proper power backup.



HOD: Shri Dipankar Sarkar
Other Officers:

Email: hod.nknvcs-wb@nic.gov.in

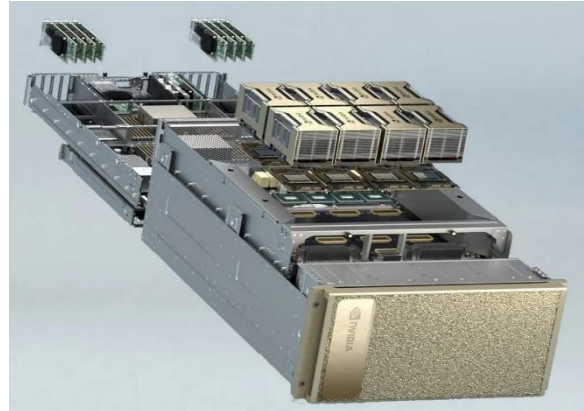
SIO : Shri Atanu Das

Email:sio-wb@nic.in

PROJECT NAME	PRISM ID	PROJECT URL
AI Supercomputing Platform – DGX A100 Integrated	\	

HIGHLIGHTS

- DGX A100 GPU node deployed at NIC Kolkata Mini Data Centre
- Integrated with Kubernetes for container orchestration
- Part of AI infrastructure stack under Mini-DC deployment
- Supports scalable AI-driven services for government departments
- Provides high-performance computing (HPC) backend
- AI Abhigyan, AI Nibhrit & AI based Similarity search, RAG based Multi modal Chatbot etc application are running.
- MIG based 22 Pods are running all over India for AI/ML model training
- More than 20+ POC application hosted.
- Total 70+ POD running



TECHNICAL STACK

- **AI Compute:** NVIDIA DGX A100
- **Orchestration:** Kubernetes Master Node & Worker Node
- **Network & Integration:** Mini-DC high-speed network
- **Deployment Environment:** NIC Kolkata Mini DC

STATISTICS

- AI Compute Node: 1 x DGX A100
- Kubernetes Cluster: Master + DGX Worker Node
- Deployment Location: NIC Kolkata Mini Data Centre
- Application Category: AI Infrastructure / HPC

PROJECT NAME	PRISM ID	PROJECT URL
West Bengal Data Center (Mini-Cloud/Data Center)	\	▪ statecloud.nic.in

HIGHLIGHTS

- West Bengal Mini-Cloud delivers IaaS & PaaS to GoWB & NIC projects
- 410 VMs, 34 cloud accounts, 94 backup services, 70 public IPs provisioned
- Hosting 46 departmental websites, with 11 still active (September 2025)
- Built on 12 physical servers with 6 TB RAM & 210 TB storage
- High-speed connectivity of 10G / 25G / 40G across services
- Supports backend hosting, DevSecOps CI/CD, code repositories & development environments
- Ensures high availability, scalability & secure hosting for citizen-facing services



TECHNICAL STACK

- Application Servers: Apache 2.4.62, IIS 8/10, Nginx 1.25
- Database Servers: PostgreSQL 12/13/15/16, SQL Server 2008 R2/2012/2019, MariaDB 10.3/10.5/10.11
- Operating Systems: AlmaLinux 8.5/8.10, CentOS 7.9/8 Stream, Ubuntu 18.04/20.04, Windows Server 2012



STATISTICS

Total Websites hosted: 46
 Active Websites (still running): 11
 Total VMs provisioned: 410
 Cloud Accounts: 34
 Backup Services: 94
 Public IPs: 70
 Load Balancers: 6



PROJECT NAME	PRISM ID	PROJECT URL
WB NAPIX Gateway & Analytics		

API Calls Received 7.55+ crore since inception.

API calls for the month of September, 2025: 83 Lacks

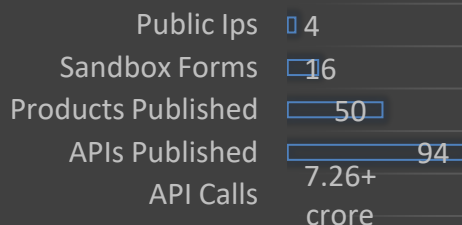
HIGHLIGHTS

- 94 APIs and 50 products published in production environment
- Deployed on 3 public IP-enabled Gateway servers with a Sandbox environment
- ElasticSearch 3-node cluster for log storage; Kibana dashboards for real-time analytics
- Logs retained for 3 months
- Enables secure communication between SDC and external clients
- Centralized API management and monitoring for efficient digital service delivery



TECHNICAL STACK

- API Gateway & Infrastructure: WB NAPIX Gateway
- Analytics & Monitoring: ElasticSearch (3-node cluster), Kibana dashboards
- Networking: Public IPs for secure external access
- Integration: Backend SDC systems. NICNET



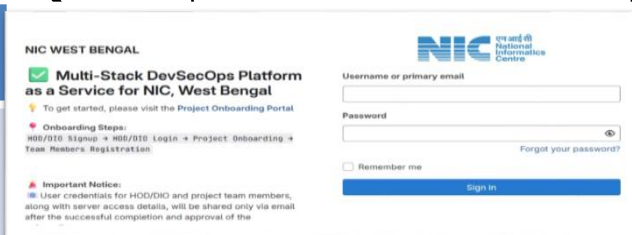
STATISTICS

API Calls Received	7.26+ crore
APIs Published (Production)	94+
Products Published (Production)	50
Sandbox Tenant Forms Received	16+
Public IPs Allocated	4 (3 Gateway + 1 Sandbox)

PROJECT NAME	PRISM ID	PROJECT URL
Unified DevSecOps Framework for Secure, Multi-Stack CI/CD Automation		register-gitlab.wb.nic.in

HIGHLIGHTS

- 2 Project groups have been onboarded using technology stack JavaScript,PHP,Python,Java
- One AI application deployed to Kubernetes platform
- Centralized DevSecOps platform for all NIC WB application teams
- Secure, multi-stack CI/CD automation using GitLab (HA), Kubernetes, Docker, and Container Registry
- Pre-configured technology-specific CI/CD templates (Python, PHP, Java, .NET, React)
- Integrated security tools (e.g., SonarQube) for code quality & compliance
- Centralized infrastructure provisioning (App/DB servers, runners)
- Dedicated onboarding portal: register-gitlab.wb.nic.in
- Supports GitOps (ArgoCD) for automated deployments



TECHNICAL STACK

- Version Control & CI/CD: GitLab (HA), GitOps (ArgoCD)
- Containerization & Orchestration: Docker, Kubernetes
- Security & Quality: SonarQube, integrated DevSecOps tools
- Infrastructure & Templates: App/DB servers, runners, pre-configured CI/CD templates for multiple stacks

STATISTICS

GitLab High-Availability Instances: 2+
 Kubernetes Worker Nodes: Multiple (Mini-DC integrated)
 Container Registry S3-compliant
 CI/CD Templates Available: 5+ (Python, PHP, Java, .NET, React)
 HODs/DIOs Onboarded via Portal: Ongoing / Dedicated portal
 Integrated Security Tools: SonarQube, etc.

West Bengal District Project 2025

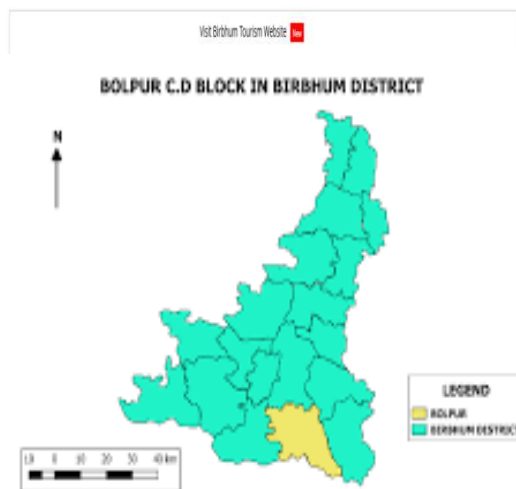
District : Birbhum, September

The area now known as Birbhum was inhabited from pre-historic times. The name Birbhum comes probably from the term 'land' ('bhumi') of the 'brave' ('bir') . Another theory says that the district bears the name of [Bagdi](#) king [Bir Malla](#), who ruled in the area from 1501 to 1554 CE. *Bir* in the [Santali language](#). Birbhum could also mean a "the land of red soil". Birbhum is the northernmost District of the Burdwan Division. It lies between 23° 32' 30" and 24° 35' 0" north latitude and 88° 1' 40" and 87° 5' 25" east longitude.

<https://birbhum.gov.in>

District Specific Activities:

- Official District Website regularly updated (S3WAAS)
- E-office active in all section of district administration with ongoing support. Provided consultancy & ICT Support to District Administration.
- Support for flagship schemes
- Email Create/Update Technical Support
- iRAD Technical Support
- Video Conference Support



District Administrative setup

The present district of south 24 Parganas came into existence on 1st March 1986 with five sub divisions viz. Alipore(Sadar), Baruipur, Canning , Diamond Harbour and Kakdwip, 29 Blocks, 7 Municipalities, 31 Assembly Constituencies, 5 Parliamentary Constituencies and one Municipal corporation

District Specific Activities

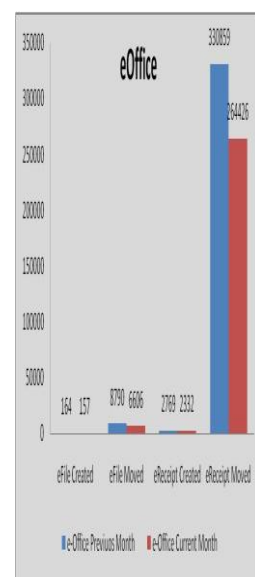
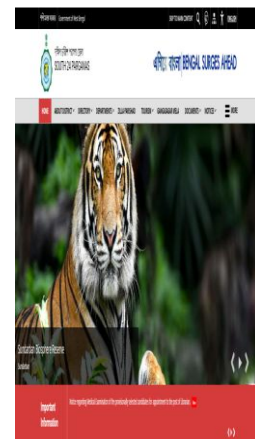
- 1) e-Office is implemented in 84 Departments/Section under District Administration with total 750276 no of e-File moved till date which is highest among the districts of west Bengal.
- 2) Implemented District Official Website in S3WAAS platform with separate webpage for more than 26 departments till date for information regarding details of citizen centric schemes offered by corresponding department.
- 3) Service Plus framework used for digitalization of RTI Case monitoring for Land Acquisition cases and currently in UAT.
- 4) Necessary technical support provided to various National level e-Governance Project ie. e-Tender, GeM, ICJS, iRAD, email Services, NDAL & ALIS , SPARROW, e-Vahan, e-Sarathi , CAA Portal, e-GramSwaraj Portal, APAS Portal etc.
- 5) Necessary technical support provided to various State Level e-Governance Project ie Jaibangla Portal, Lakkhir Bhandar, OSCAR Portal for issuance of Cast Certificate , Field Inspection and Monitoring & Supervision Portal etc.
- 6) Total 9 nos of Video Conference Session conducted through NIC VC setup
- 7) NICNET services provided to district administration with maximum bandwidth utilization more than 233 Mbps (in) / 85 Mbps (out).
- 8) Visit of NIC State Coordinator WB, SIO WB, NIC District Coordinator WB for meeting with District Magistrate, South 24 Parganas regarding recent NIC e-Governance initiative on 16/09/2025.

9) State Project Activities

- 1) Involved in development of ePanchayet Portal using open source-based tool for Dot Net Core Development environment.

Summery / Training

- 1) Training conducted on various National and State Level e-Governance initiative ie. EMMS, E-Tender, GeM, ICJS, APAS Portal, Field Inspection and Monitoring Portal, iRAD etc.



West Bengal District project SEPTEMBER 2025

District :JALPAIGURI,

Jalpaiguri District website

Highlights

Jalpaiguri is a district in northern West Bengal, situated in the scenic Dooars region. It is known for its lush tea gardens, forests, and rivers like Teesta and Karala. The district shares borders with Bhutan and Bangladesh. It has rich biodiversity and popular tourist spots like Gorumara. Jalpaiguri is also a hub for agriculture, tourism, and digital governance initiatives.

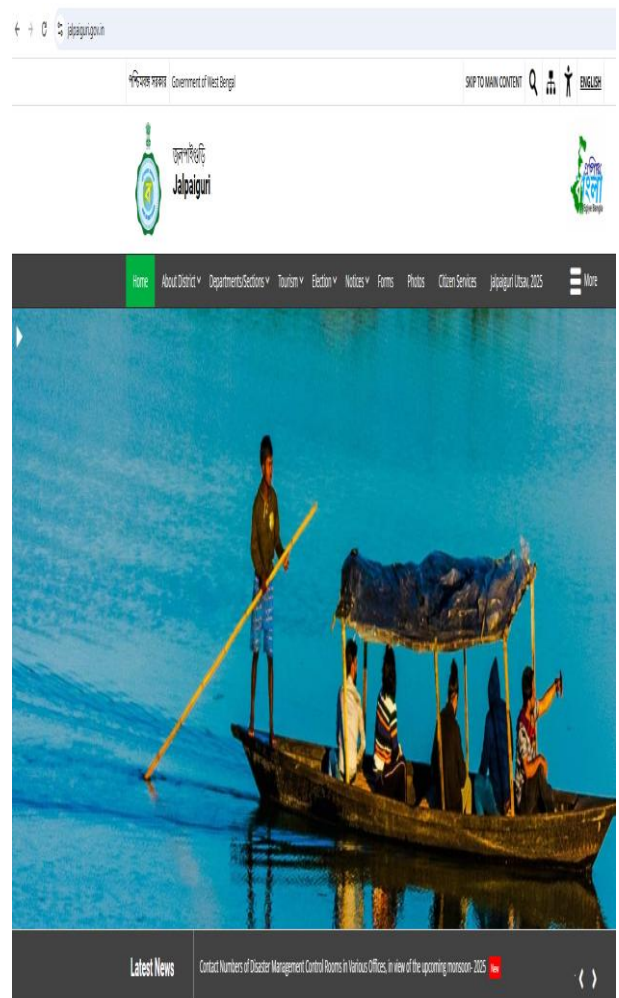
District Specific Activities

- Official District Website regularly updated (S3WAAS).
- E-office active in all section of district administration with ongoing support.
- Provided consultancy & ICT Support to district Administration.
- Technical help for E-Prosecution, eVahan, Sarathi.NDAL & ALIS
- Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree etc.
- Support for e-Tendering & e-Auction systems.
- Technical support for OBC SC/ST certificate (OSCAR).
- Email Create/Update Technical Support.
- IRAD Technical Support
- Coordination with members of Citizenship Amendment Act (CAA).
- VC Support
- NICNET Support:
 1. 122 nodes at Office of the District Magistrate, Jalpaiguri
 2. Circuit Bench of Kolkata High Court at Jalpaiguri
 3. Office of SSB SHQ Panga Sahebbari
 4. Office of 17 SSB SHQ Falakata
 5. IVFRT Project Haldibari

Summary/Training

- 1.Regular User Training conducted for new/Changed module.
- 2.Updated process flow explained to user.

<https://jalpaiguri.gov.in/>



<https://purbamedinipur.gov.in/>

Purba Medinipur District

Highlights NIC service providing to District Administration:

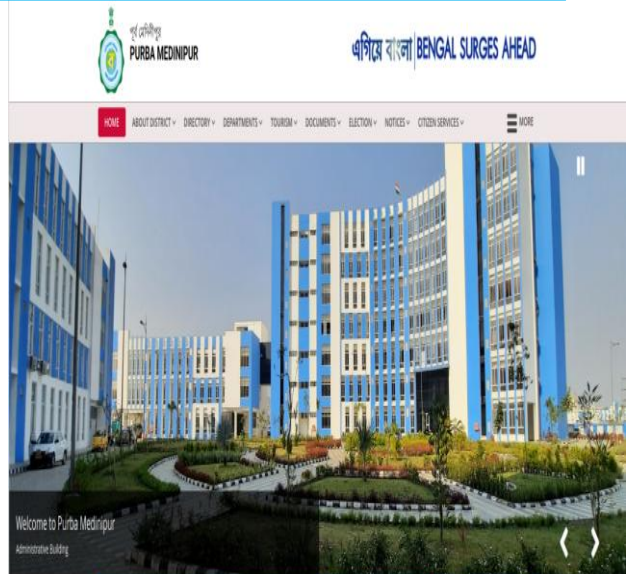
In the district, the work covers advising departments on ICT projects, supervising and managing them through their lifecycle, and handling day-to-day operations, maintenance, and hardware support. It also includes project planning, analysis, design, development, and testing. Key activities involve implementing e-Governance projects, conducting training and workshops, engaging with the community, supporting video conferencing, monitoring government schemes, and providing ICT consultancy. Support is also given to the administration in elections, recruitment processes, and in developing new projects.

District Specific Activities

- Online Festival Permission (Service Plus) with training.
- District website (S3WAAS) updated, e-Office Technical Support.
- Support for GEM, e-Prosecution, eVahan, Sarathi, NDAL & ALIS, IRAD
- Flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree, APAS, Field inspections app.
- e-Tendering, e-Auction, OSCAR (OBC/SC/ST), IRAD.
- Email services & regular Video Conferencing support.

Summary/Training

- 1.Regular User Training conducted for new/Changed module.
- 2.Improved Process flow explained to user



West Bengal District project

District:Murshidabad,September 2025

Murshidabad District website

Highlights

NIC Murshidabad is providing ICT infrastructure to district administration to support e-Governance services through pan india communication network (NICNET), LAN, Videoconference, Webcast facility etc. District Administration with support from NIC is executing and implementing e-governance and Digital India initiatives to the grass root level in achieving transparent, efficient and responsive governance.

District Specific Activities

- Maintenance of Official District Website regularly (S3WAAS) platform
- VC Support of NIC, State and District level meeting.
- IRAD Technical Support for all stake holders.
- E-office active in various departments with ongoing support.
- Technical help for E-Prosecution, Vahan, Sarathi.
- Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- Technical help for field inspection app.
- Technical support for OBC SC/ST certificate (OSCAR).
- Email Create/Update Technical Support.
- Technical support for AASAN integrated Puja Permission Portal.
- It support of Circuit House.
- Technical support for Amader Para Amader Samadhan

<https://murshidabad.gov.in>



Murshidabad Map



<https://nadia.gov.in/>

Nadia District

Highlights:

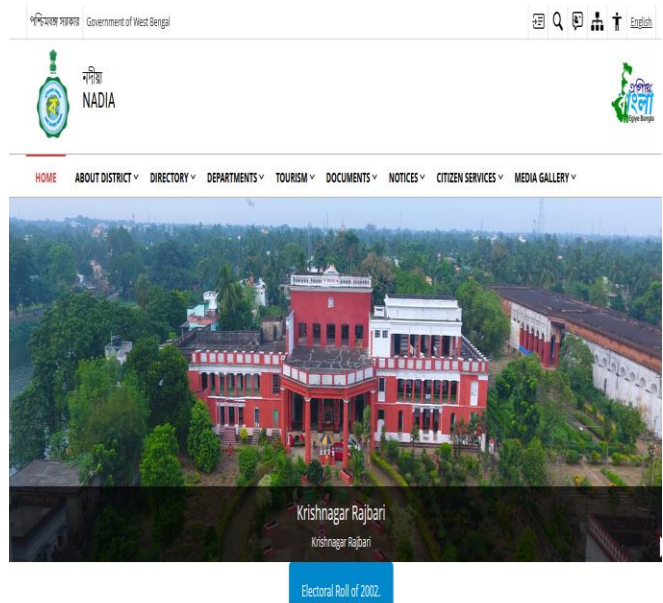
Coordinated with AIIMS Kalyani IT Team and Delhi VC Support team for Video Conferencing Setup for Prime Ministers VC on 17th September.

District Specific Activities

District website (S3WAAS) updated as per requests from District Officials. Coordination with OC-PP for upcoming election. Regular Video Conferencing support.

Provided technical support for the online conduction of lottery of suppliers of Nadia Zilla Regulated Market Committee in front of ADM(Gen),Nadia.

Conducted trainings, doubt clearance and provided technical support for the new election web application.



West Bengal District project

District : Jhargram

September 2025

Jhargram District website

Highlights

Jhargram is a district in the state of West Bengal, India. It was formed on 4 April 2017, after splitting from the Paschim Medinipur district as the 22nd district of West Bengal. The district has its headquarters at Jhargram. Jhargram is famous for its wooded beauty and topography culminating in the hill ranges of Belpahari, Kankrajhor to the north and Subarnarekha to the south. It is a favorite destination for people who love forests. The ancient temples, royal palaces, and folk tunes and rhythms make this area attractive.

Jhargram district covers an area of 3,037.64 km² and had a population of 1,136,548 in the 2011 census. 96.52% of the total population was rural and only 3.48% was urban population. 20.11% of the total population belonged to scheduled castes and 29.37% belonged to scheduled tribes.

District specific activities

- Official District Website regularly Upload and update notices and web pages.
- Update EMD and provided technical support for Jhargram eOffice.
- Technical support and training for i-RAD , e-Prosecution etc.
- NIC VC and NICNET connectivity.
- NIC Email Create/update Technical Support.
- Support for flagship schemes: Jai Bangla, Lakshmir Bhandar , Duare Sarkar, Kanyashree, etc.

