

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



**West Bengal State At A Glance
January 2026**

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West Bengal Just-In-Time (WBJIT)



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



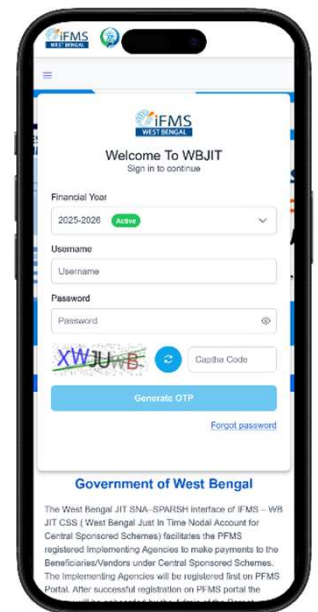
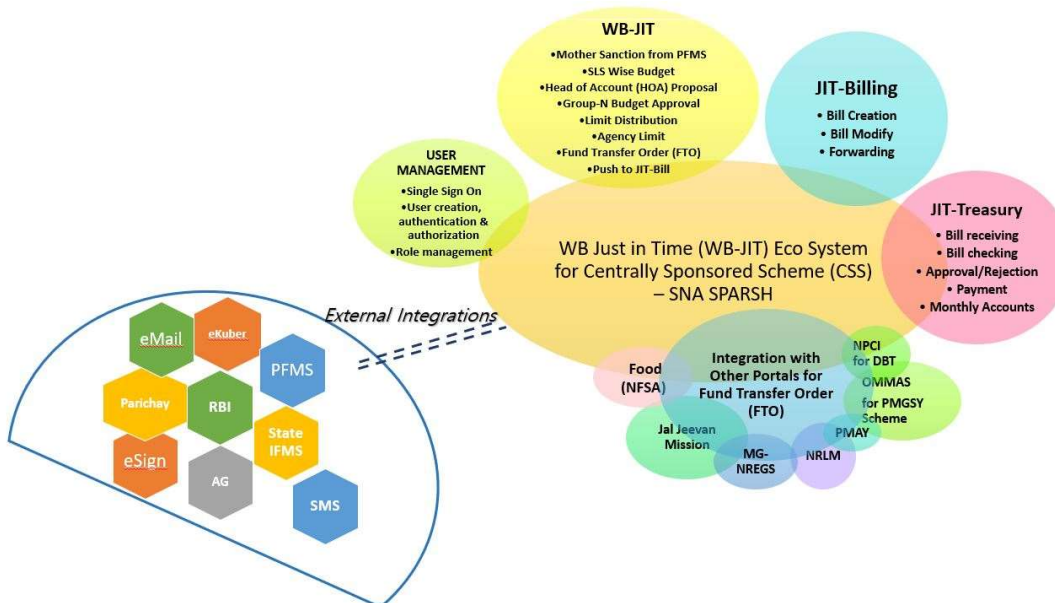
Technology Stack:



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 Dec-2025 , FTO prepared : 10786, Amount : Rs 910.87 Crores (Approx)

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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 3.53 Crores unit have been enrolled under this programme throughout the state. Around 3.47 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: January, 2026

Enrolled Applications –1,46,808
Sanctioned Applications –1,30,771
Unique Beneficiaries –64,481

Statistics: Since Inception (Oct 2013)

Enrolled Applications – 3.53 Crore
Sanctioned Applications – 3.47 Crore
Unique Beneficiaries – 98.29 Lakh

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“In West Bengal, land-related e-Governance services are provided through two key applications: eBhuchitra and Banglarbhumi”

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.

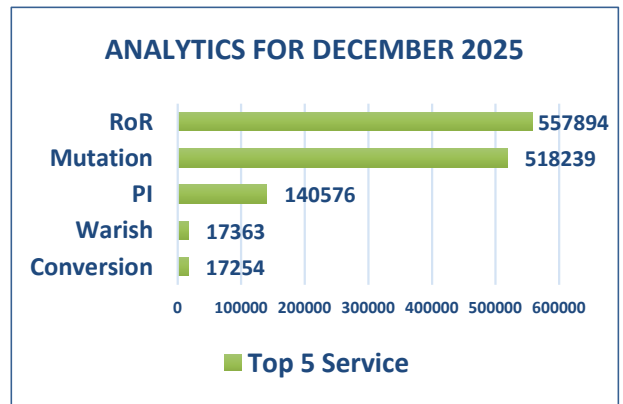
Banglarbhumi (banglarbhumi.gov.in), the official L&LR department portal, serves as a single-window platform for citizens to access services like Mutation, Conversion, ROR (Khatian), Plot Index (PI), and Plot Map requests and downloads. It features an integrated grievance redressal system, real-time status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

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



BENEFITS TO CITIZEN
“Banglarbhumi 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”

TECHNOLOGY USED



OTHER SERVICES

3775
NO DUE CERTIFICATE

2894
PLM

344
GRIEVANCE

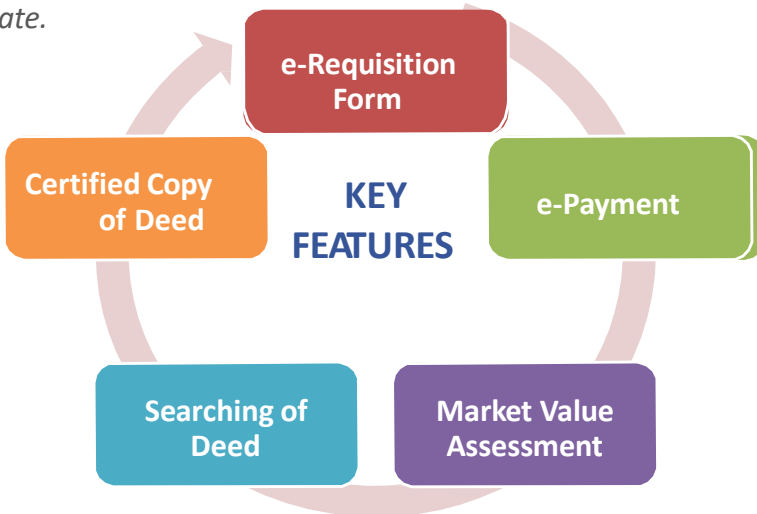


The e-Nathikaran system and the WbRegistration portal are key digital initiatives by the Directorate of Registration and Stamp Revenue (DoRSR), Government of West Bengal, aimed at modernizing the land and property registration process.

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.

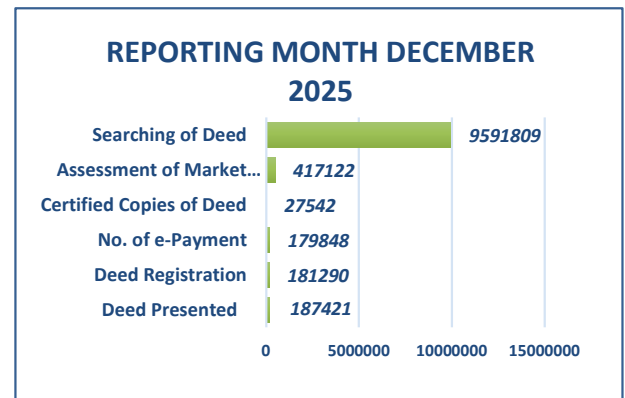
Together, these systems have enabled faster processing, secure storage, and better public access to land records, contributing significantly to e-Governance and service delivery in the state.



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



DEVELOPMENTS FOR DECEMBER 2025

- VNR Module Live
- Integration with NKDA
- IFMS Integration in e-Refund Module.
- GRIPS integration in Searching Module.



PROJECT NAME	PRISM ID	PROJECT URL
Khadyasathi - An End-to-End Public Distribution Management Solution	\	https://food.wb.gov.in

HIGHLIGHTS

- Connects **Beneficiary, FPS shops, Storage, Distribution and Paddy Procurement**
- Offers Self Service Operation for various Ration Card Services leveraging Aadhaar Authentication
- Manages key Storage, Distribution and Procurement functions
- All stake holder Billing and Payment is online



.Net Core
.Net
MSSQL DB

STATISTICS

Total Beneficiary	- 8.75 Cr
Total Transactions	- 2.59 Cr
Aadhaar Authenticated Transaction	- 99.98 %
RC Related Services	- 186335



Election Projects (WBEMMS and WBCEMS)



PRISM ID : 3245 and 3247

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

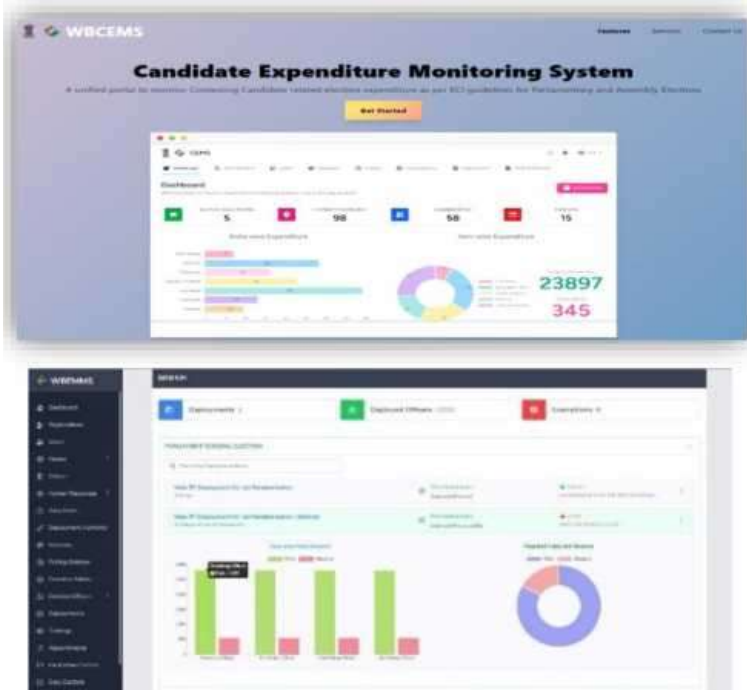
Highlights:

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.

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HOG : Atanu Das, DDG & SIO
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Lakshmir Bhandar



PRISM ID : 2632

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

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 2.21 Crore** and monthly assistance of Rs. 2116.44 Cr. (Approx) disbursed in January '2026. 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 : 2.21 Crores (Approx) Amount Disbursed : 2116.44 Cr.

Technology Stack :

Laravel ,Kafka Database : PostgreSQL

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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 Dec'2025 : Rs 623.35 Crore (Approx)

Technology Stack :

Laravel , Kafka Database : PostgreSQL

Training : Continuous Online Training to stakeholders with SOP

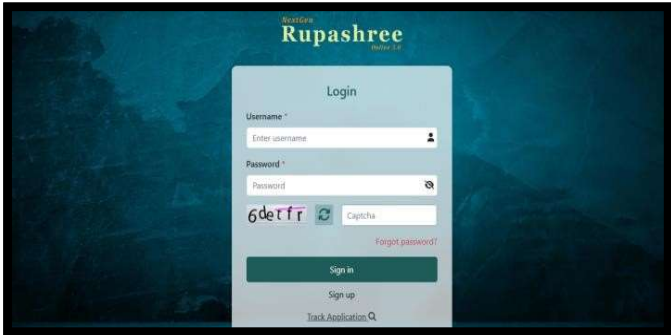
HOD : Ashis Mukherjee, Scientist-F and ASIO (email : shod5-wb@nic.in) Other Officer : Gaurav Basu, Sc-D, and Krishnendu Das [email : gaurav.basu@nic.in, and krishnendu.d@nic.in]	HOG : Atanu Das, DDG & SIO (email : sio-wb@nic.in)
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PROJECT NAME	PRISM 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 – 479
 Total Beneficiary – 21,57,209

Beneficiary – 26,192 (January, 2025)

HOD: Shri Sarat Dhara, Scientist - F	Email: hod.wcd-wb@nic.in
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HIGHLIGHTS

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

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

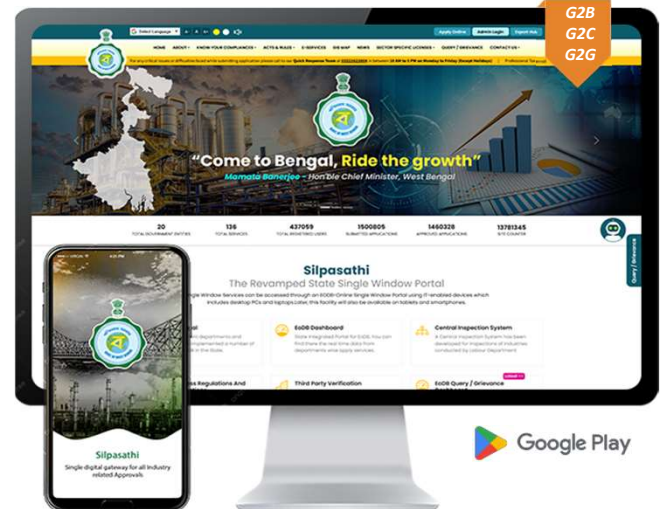
It Serves As A Digital Gateway For Providing The Necessary Statutory Compliances Under The Applicable Acts, Rules, Policies And Schemes Of The Govt Of West Bengal. Investors Can Get Certificates And Licences Required For Setting Up And Operating Business In The State In A Smooth And Time-Bound Manner, 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 ”

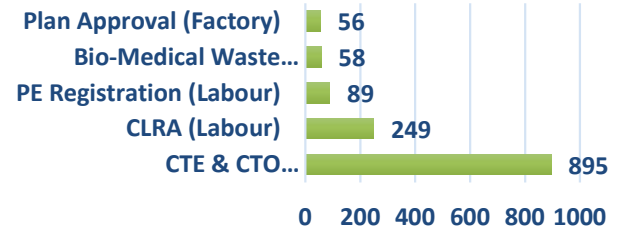
PRISM ID : 18818



TECHNOLOGY USED



Top 5 services for December 2025



- 20+ GOVT. ENTITIES
- 144+ SERVICES
- 5.36 LAKHS+ REGISTERED USERS
- 117 CRORE+ TOTAL REVENUE GENERATED
- 1905501 TOTAL LICENSES DELIVERED
- 7492 GRIEVANCES ADDRESSED

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Project Coordinator: Debdeep Guha, Scientist-F

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Unified Project Management System (UPMS)

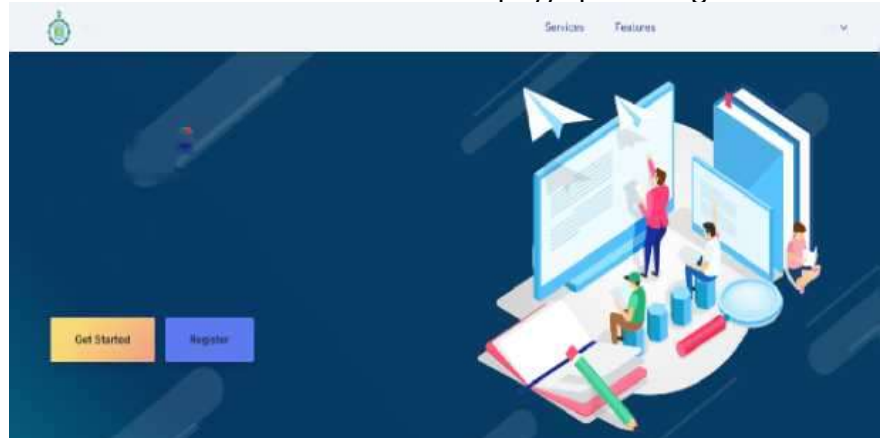


Highlights

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.



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

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

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

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

HOD : Ashis Mukherjee, Scientist-F and ASIO
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Other Officer : Saikat N. Bhattacharya, Sc-D [email : sn.bhattacharjya@nic.in]

HOG : Atanu Das, DDG & SIO
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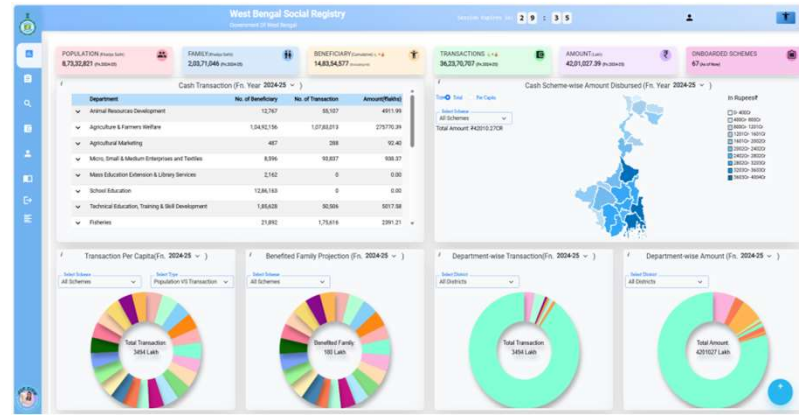


Highlights: (Prism Id:20967)

URL : <https://socialregistry.wb.gov.in>

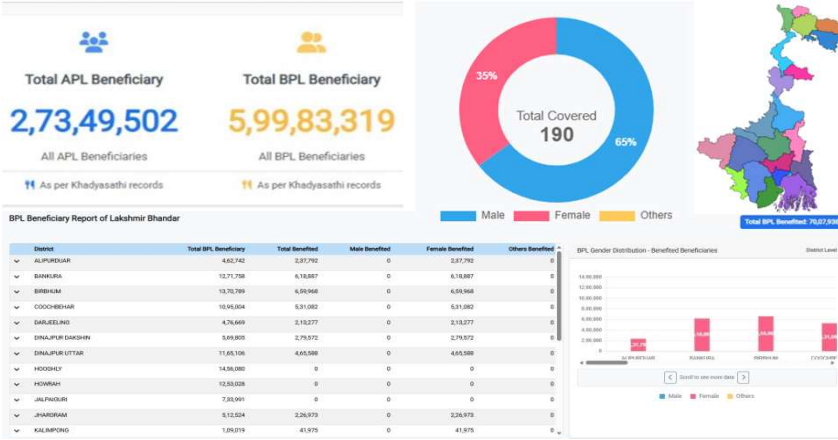
WBSRS is progressing with upcoming enhancements like beneficiary account verification, chatbot for scheme-related information, and expanded citizen welfare services. The Finance Department–managed West Bengal Social Registry System (WBSRS) continues to strengthen welfare delivery. The platform is currently integrated with 67 of 136 schemes (53 state and 14 central), using Kafka (real-time streaming), APIs (system integration), and Excel uploads (manually maintained schemes) for data synchronization

Category of application: G2G, G2C, G2E.



Slicing Dicing Reports:

Economic Status-Wise Beneficiary Distribution (APL/BPL)



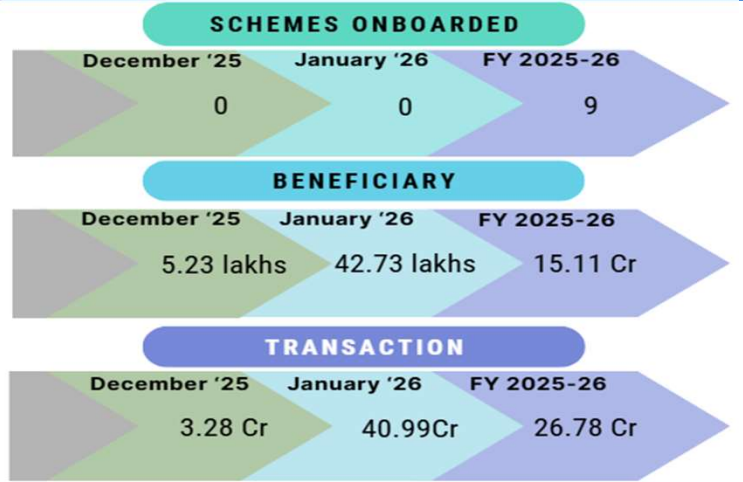
Key Features:

- Unified Brochure of 136 schemes
- Chart-based monitoring with
- GIS enabled LGD dashboards
- Khadya Sathi as Single Source of Truth
- AI chatbot for scheme info
- Secure access with MFA & role-based control
- Data exchange via Kafka, API, Excel

Recent Activities:

- Frontend Architecture & Optimization**, achieved by migration Angular architecture from module-based to standalone, along with syntactic upgrades and frontend bug fixes
- User Access & Security**: created new users with restricted and role-based access controls.
- NPCI Integration Readiness**: NPCI API testing setup completed with schedulers configured
- Database & Transaction Management** involved addition of a new database server for RC transactions and update the RC transaction details module accordingly
- System Modernization**: Security-hardened authentication implemented, Angular 20 frontend upgrade completed, and automation/load testing updated accordingly.
- Finalized File Upload API** featuring robust archiving, hash chaining, and verifiable acknowledgement mechanisms developed for inter-departmental data sharing and RC data mapping

Usage Statistics



Technology Stack:



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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.

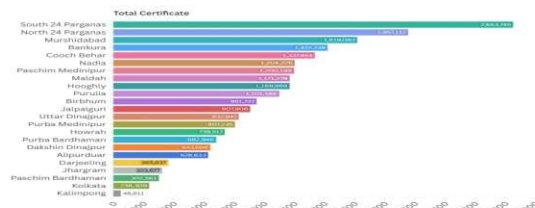
KEY FEATURES

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

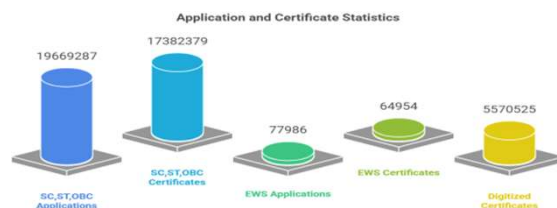
TECHNICAL STACK

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

GRAPH



STATISTICS





PROJECT NAME	PRISM ID	PROJECT URL
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.

The screenshot displays the Banglar Shiksha portal dashboard with the following data:

Number of Schools			Number of Classroom	
Total School	Rural	Urban	Primary (incl. PP)	Secondary
95490	83302	12188	337175	227736

Student-Classroom Ratio		Pupil-Teacher Ratio	
Primary (incl. PP)	Secondary	Primary (incl. PP)	Secondary
18	53	21	46

Enrolment and CWSN Enrolment		Functional Drinking water facility		
Enrolment	CWSN Enrolment	Total School	Having Water	Percentage
18004764	110436	95490	94123	98.57 %

NUMBER OF SCHOOLS			TOTAL TEACHER		TOTAL STUDENT	
95490	Boys	Girls	555834	Male	Female	18004764
	900	2760		310219	245615	
		10819				Boys
						859627
						Girls
						9065137

Technology logos shown: CSS, HTML, JS, PHP, Bootstrap, CodeIgniter, jQuery, PostgreSQL, Apache, Redis.

HOD: Shri Manoj Kumar Biswas, Scientist F

Email: manoj.biswas@nic.in

Other Officers:

Shri Tapan Kumar Sarkar, Scientist E

Shri Joyshankar Rakshit, Scientist B

SIO : Shri Aniruddha Pal, Scientist F

Email: sio-wb@nic.in

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

HIGHLIGHTS

The **Unified District Information System for Education Plus (UDISE+)** is a flagship Management Information System (MIS) implemented by the School Education Department, Government of West Bengal. Fully operational as an online platform since the academic year 2019–20, UDISE+ serves as a comprehensive digital system for the real-time collection and management of data from all recognized schools across the state, covering classes from Pre-Primary to Class XII.

The system plays a pivotal role in educational planning, resource allocation, programme implementation, and performance monitoring. By maintaining a robust and reliable school-level database, UDISE+ enables the government to undertake evidence-based decision-making and effectively monitor key performance indicators (KPIs).



- ✓ We have also started working on the new Laravel framework for the UDISE application.
- ✓ We are working on the new school insertion and approval process in CI framework of the application.
- ✓ We shared bulk data with the BBSK project after filtering it from the live server.

Total School - 93068

Total Teaching Staff - 580313

Total Non Teaching Staff - 35286

Having Toilet - 92234

Having Electricity - 89749

Having Ramp - 64385

Having Drinking Water - 92290



CodeIgniter



PostgreSQL



jQuery

HOD: Shri Manoj Kumar Biswas, Scientist-F
Other Officers: Shri Tapan Kumar Sarkar, Scientist E
Shri Joyshankar Rakshit, Scientist B
SIO : Shri Aniruddha Pal, Scientist F

Email: manoj.biswas@nic.in

Email: sio-wb@nic.in



PROJECT NAME

PRISM ID

PROJECT URL

SWAMI VIVEKANANDA MERIT-CUM-MEANS SCHOLARSHIP

17937

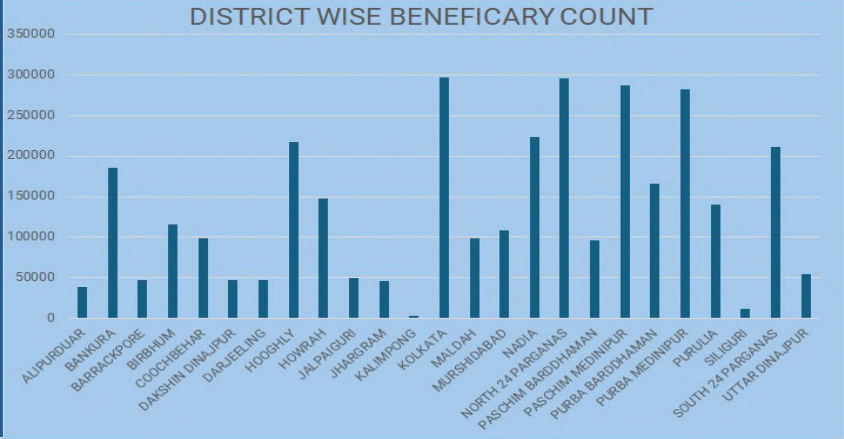
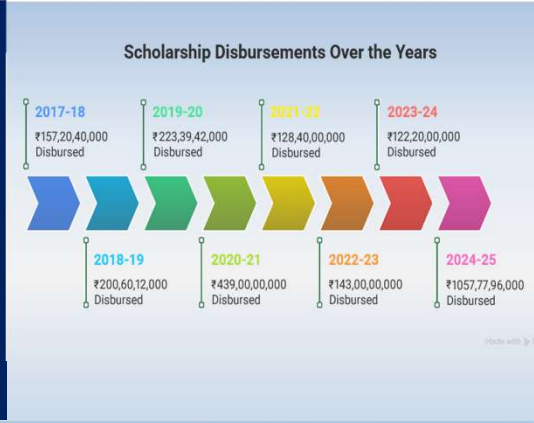
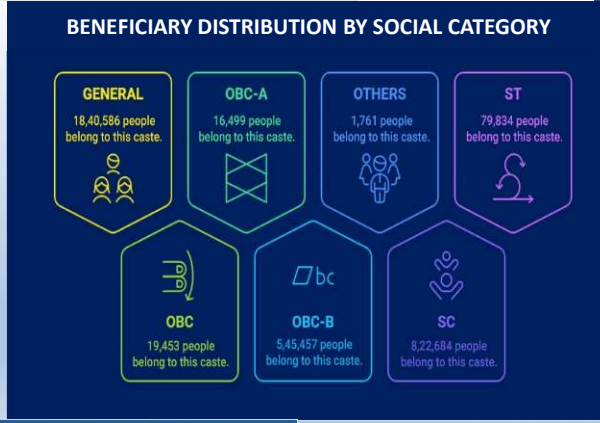
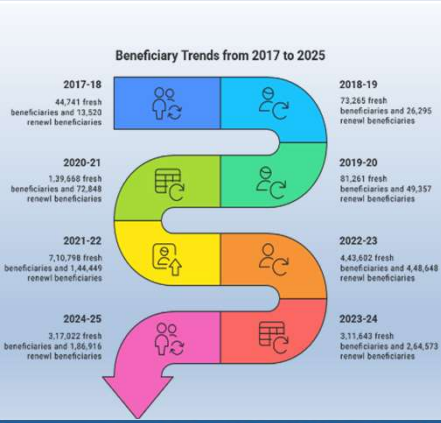
<https://svmcm.wb.gov.in/>

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 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 through 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

The screenshot shows the SVMCM portal interface. At the top, there are navigation links: Home, About, How to Apply, Downloads, Contacts, and Weblinks. A user login section is visible with 'Administrator Login' and 'Screen Reader' options. Below the navigation, there's a banner with the quote 'Education is the manifestation of the perfection already in the man.' by Swami Vivekananda. A flowchart shows the educational path: Engineering and General Degree Universities, Medical and Nursing Institutions, General Degree Colleges, Degree Engineering Colleges, Polytechnic Colleges and Institutions, and Higher Secondary Schools. A 'Welcome To SVMCM Portal' message is displayed. Two main service buttons are shown: 'About SVMCM' and 'Grievance Registration'.

TECHNOLOGIES





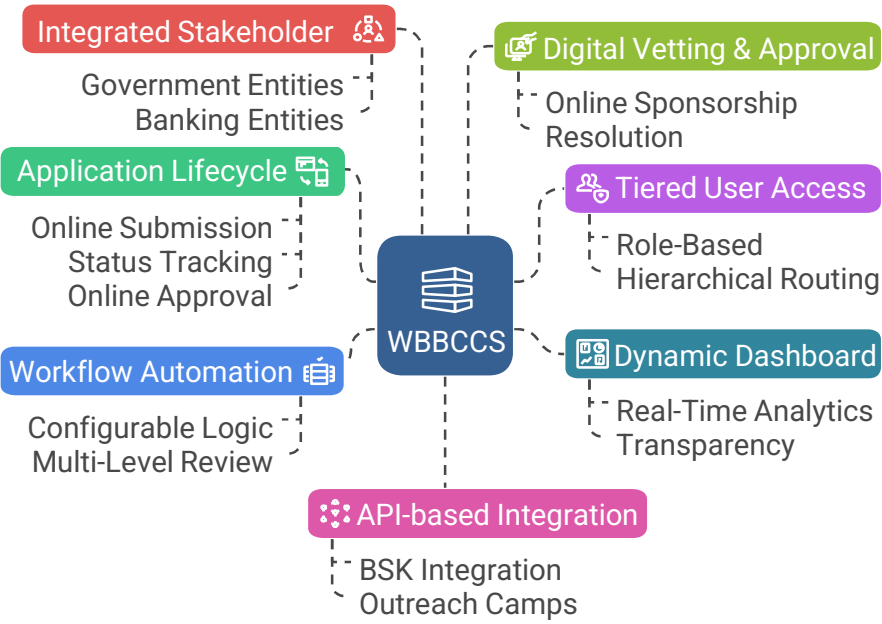
HIGHLIGHT

PRISM ID: 208122 www.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.

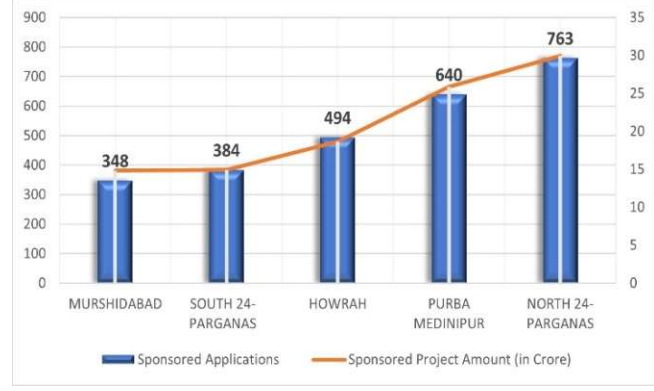
::: Key Features :::



::: Technology Stack :::



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



::: Benefits to Citizen :::

- Ready-Made DPRs**: Download trade-specific templates, simplifying application preparation.
- Smart Application Guide**: Stepwise validations and guided uploads ensure error-free form submissions.
- Online Submission**: Submit your application online or by mobile, no office visits needed.
- Live Progress Alerts**: SMS/email/push updates at every approval stage - stay in the loop instantly.

240239
TOTAL APPLICATIONS

51054
TOTAL SANCTIONED APPLICATIONS

₹ 1289.05 Cr.
TOTAL SANCTIONED AMOUNT

₹ 869.67 Cr.
TOTAL DISBURSED AMOUNT

HOD: Debdeep Guha, Scientist-F
Project Coordinator: Debdeep Guha, Scientist-F
SIO: Shri Atanu Das, DDG & Sc-G

shod8-wb@nic.in ✉
shod8-wb@nic.in ✉
sio-wb@nic.in ✉



West Bengal Direct Benefit Transfer (WBDBT)



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

Technology Stack:

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



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

HOD : Ashis Mukherjee, Scientist-F and ASIO
(email : shod5-wb@nic.in)
Other Officer : Krishnendu Das [email : krishnendu.d@nic.in]

HOG : Atanu Das, DDG & SIO
(email : sio-wb@nic.in)



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

HIGHLIGHTS

The iOSMS Portal is an online system created by the School Education Department, Government of West Bengal.

The platform enables core services such as:

- Salary preparation
- Increment processing
- Arrear management
- Bonus computation
- Bill submission to IFMS
- Maintenance of employee details in a completely paperless system

It supports DPSCs, DDOs, circles, schools, and senior authorities by:

- Streamlining and automating payroll processes
- Ensuring timely release of salaries
- Maintaining accurate and updated employee records

It is designed to provide smooth, efficient, and transparent management of salary-related operations for school staff across all.

PROJECT PICTURE



STATISTICS

Employees of Primary Schools

No. of Primary School Teachers: **184,819**

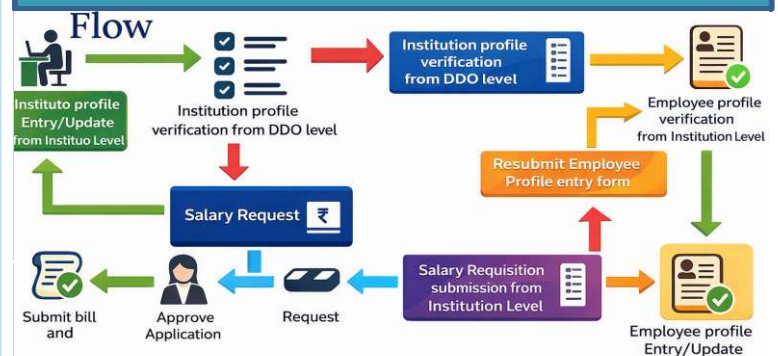
Monthly salary disbursement : **Rs 885 Cr (net salary)**

Employees of Secondary Schools

No. of Secondary School Teachers: **192,076**

Monthly salary disbursement : **Rs 1297 Cr (net salary)**

PROCESS FLOW



TECHNICAL STACK





PROJECT NAME

PRISM ID

PROJECT URL

WEST BENGAL STUDENT CREDIT CARD

18764

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

HIGHLIGHTS

Launched on June 30, 2021, the West Bengal Student Credit Card (WBSCC) Scheme provides collateral-free educational loans of up to ₹10 lakh at a subsidized 4% simple interest for students up to the age of 40 for studies in India or abroad. Digitally Delivered by NIC, this end-to-end paperless, automated, and transparent system streamlines processes from student registration to loan disbursement. 88,948 Loan application has been sanctioned worth ₹3,245.95 Cr till now [data : 19-05-2025].

WBSCC
Department of Higher Education
Govt. of West Bengal

1800-102-8014
contactwbcc@gmail.com
support-wbccc@bangla.gov.in

Administrator Login SR A+ A- A-

Home About the Scheme How to Apply Gallery Downloads FAQ User Manual Grievance Contact Us **Student Registration** Student Login

Student Credit Card Scheme

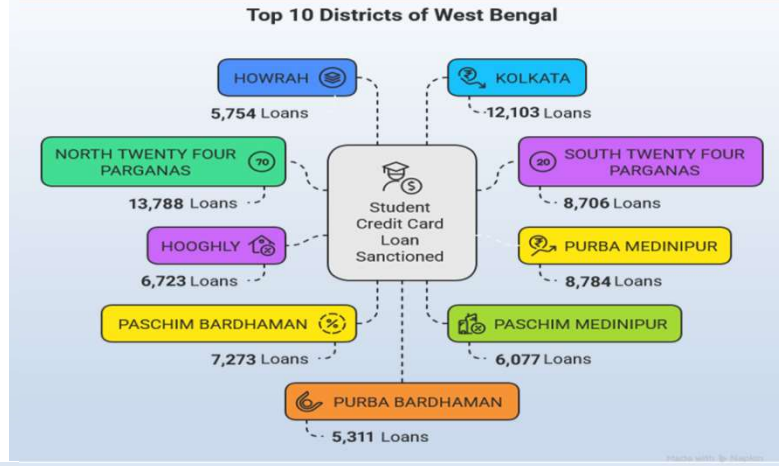
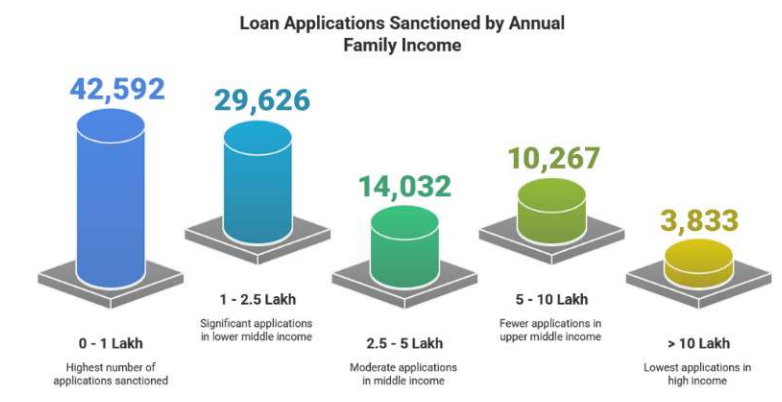
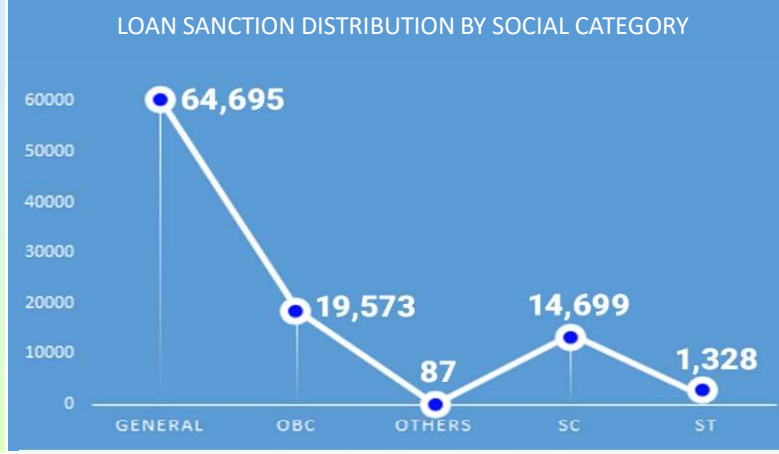
Collateral security free loan up to ₹10 Lakhs @ Nominal Simple Annual Interest.

About WBSCC

Under the visionary leadership of Mamata Banerjee, Hon'ble Chief Minister, West Bengal, The Higher Education department, Government of West Bengal has introduced the Student Credit Card Scheme for the students of West Bengal to enable them to pursue education without having any financial constraints. This scheme is designed to support the students to pursue secondary, higher secondary, madrasah, undergraduate and post graduate studies including professional degree and other...[Read More](#)

- Collateral security free loan up to ₹10 Lakhs
- For any query / difficulty, contact State Help Line No. 18001028014 or send mail to

TECHNOLOGIES



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

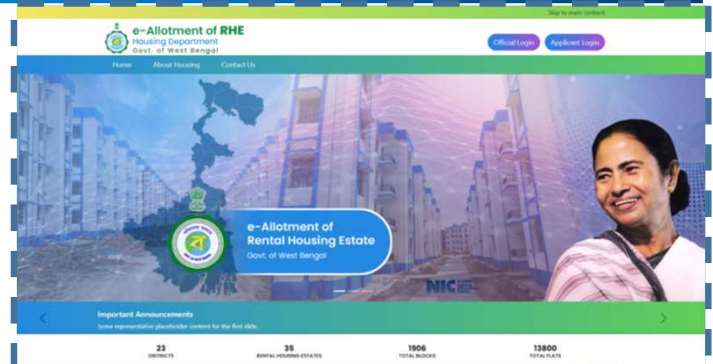
✓ Out of 13,800 RHE flats, there are 35 Government RHEs of types A, B, C, D, and VIP in the Kolkata region are available for allotment.

Technology Used

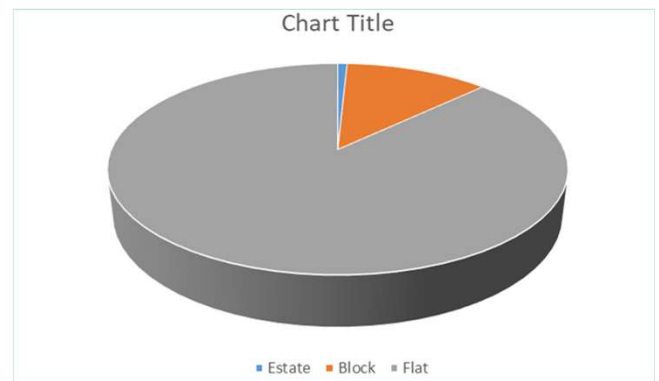


<https://rhe.wb.gov.in>

PRISM Id: 20968



Graphical representation (yearly/monthly increment)



Recent Activities

- Project revamping in progress.
- Modifications to the current Drupal project to support user and departmental requirements.
- The project has been uploaded to NIC GitLab.

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

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 October 2025.

KEY SERVICES

G2C - Return Filing (WBST, VAT, CST, Entry Tax)		G2C - Statutory Form Generation , Uploading Forms by outside States		1 .	Active Tax payers as on 31st Mar 25	4,38,333
G2C - Appeal-Revision-Review		G2G Services for Revenue monitoring				
GST Analytics system - GST PRIME		G2G Services for better Office Administration				
				2 .	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
37	83	2	0	1	14



Project Name	Prism Id	Project URL
e-Transport (SARATHI)		https://sarathi.parivahan.gov.in/sarathiservice/stateSelectBean.do

Highlights

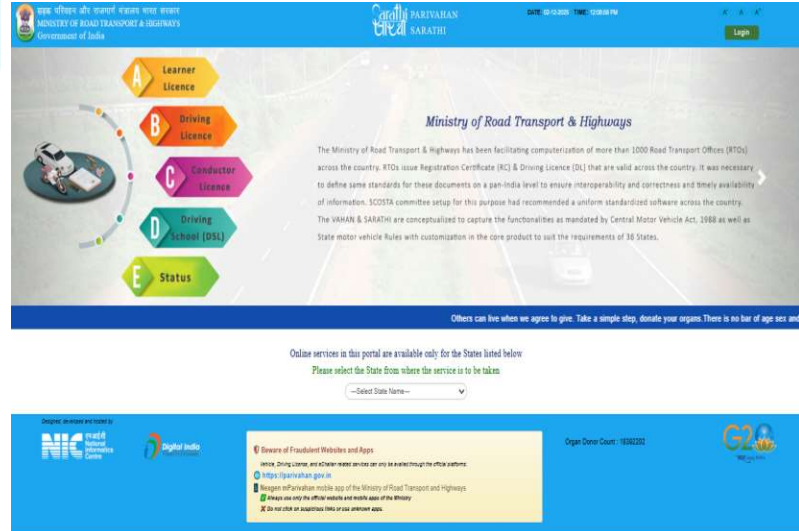
The SARATHI Project covers the core activities :

- 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.
- Citizen may submit application and may deposit prescribed fees through online fees payment facility without visiting RTO/ARTO.



Implementation / Benefits of Citizen:

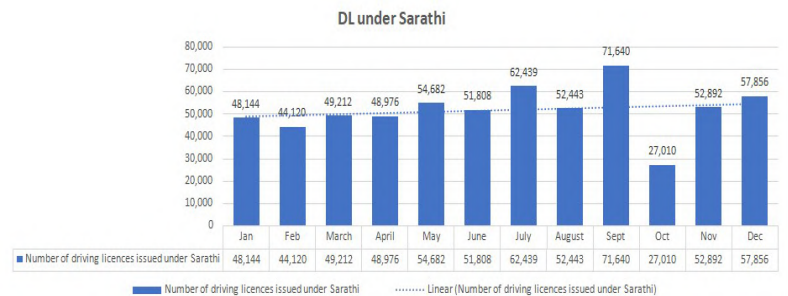
- ✓ All type of licence detail is available through web site and provide facility to verify from anywhere without visiting RTO/ARTO.
- ✓ As the portal is compatible for Work from Home, so citizen may apply from the comfort of his home.



Technical Stack

Centrally developed

Graph



Statistics

- ✓ No. of transactions (SARATHI) Dec’2025 :10,49,531
- ✓ No. of transactions (SARATHI) cumulative :3,95,26,057
- ✓ No. of DL issued (SARATHI) Dec’2025 :57,856
- ✓ No. of DL issued (SARATHI) cumulative :1,00,44,685

Other Officers: Surath Mukherjee, Scientist D

HoD : Manas Kumar Bhattacharya , Scientist -F

SIO : Shri Atanu Das, DDG & SIO WB

Email: surath.mukherjee@nic.in

Email: shod10-wb@nic.in

Email: sio-wb@nic.in



Project Name	Prism Id	Project URL
e-Transport (VAHAN)		https://vahan.parivahan.gov.in/vahan/vahan/ui/login/login.xhtml

Highlights

The VAHAN Project covers the core activities :

- 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.



Implementation / Benefits of Citizen:

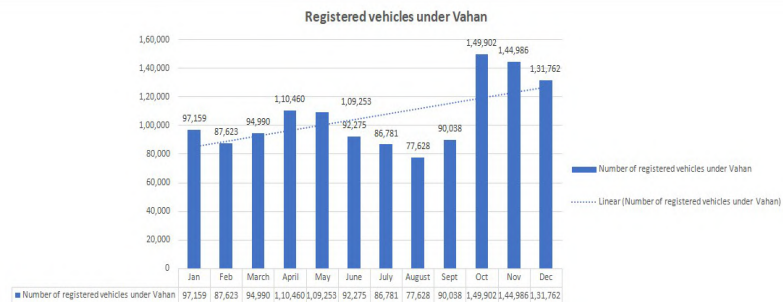
- ✓ The citizen of West Bengal can print their Vehicle Registration Certificate and No Objection Certificate without going to Arto/Rto
- ✓ Vahan offers various e-services to citizens, including applying for fancy number plates and checking vehicle registration status.



Technical Stack

Centrally developed

Graph



Statistics

- ✓ No. of transactions (VAHAN) Dec'2025 :4,59,172
- ✓ No. of transactions (VAHAN) cumulative :12,78,91,013
- ✓ Vehicle Registration (VAHAN) Dec'2025 :1,31,762
- ✓ Vehicle Registration (VAHAN) cumulative :1,80,17,606

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SIO : Shri Atanu Das, DDG & SIO WB

Email:sio-wb@nic.in



Tourism Department Website and Mobile App of Kalimpong Tourism

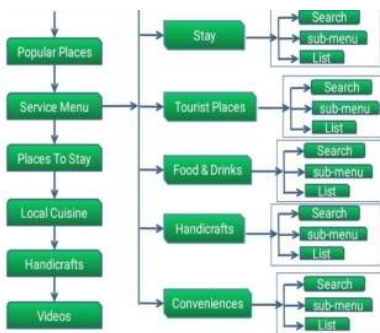
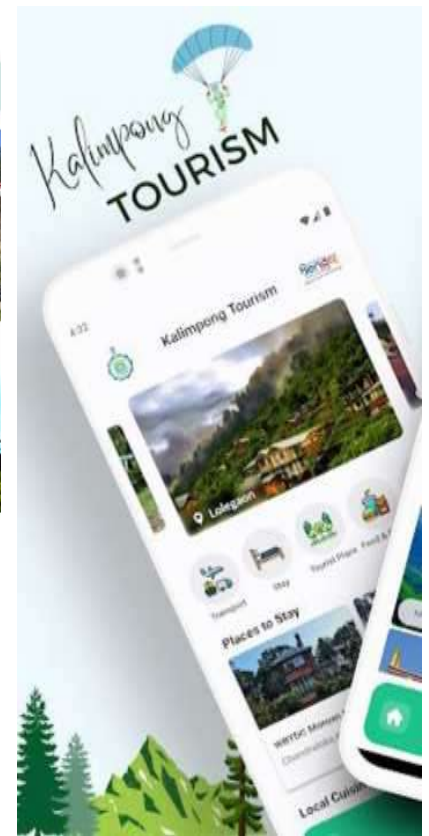


PRISM ID 3139

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 system to facilitate to work as per role. The App provides a platform for onboarding 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
(email : shod5-wb@nic.in)

HOG : Atanu Das, DDG & SIO
(email : sio-wb@nic.in)

Other Officer : Krishnendu Das [email : krishnendu.d@nic.in]

PROJECT NAME	PRISM ID	PROJECT URL
eGovernance Portal of Govt. Polytechnics	17832	https://polytechnic.wbtetsd.gov.in

HIGHLIGHTS

This is comprehensive portal for all Govt. Polytechnics under Dept of Technical Education, Training & Skill Development, Govt of West Bengal. It is one stop place for citizens, students, faculty and administration to find relevant information about Polytechnic Colleges of West Bengal. Various information about colleges including contact details, notices, courses, admission procedure, examination, campus facilities etc. are available in the portal. Principals of each College has the Administrator privilege to upload necessary information about the polytechnics.

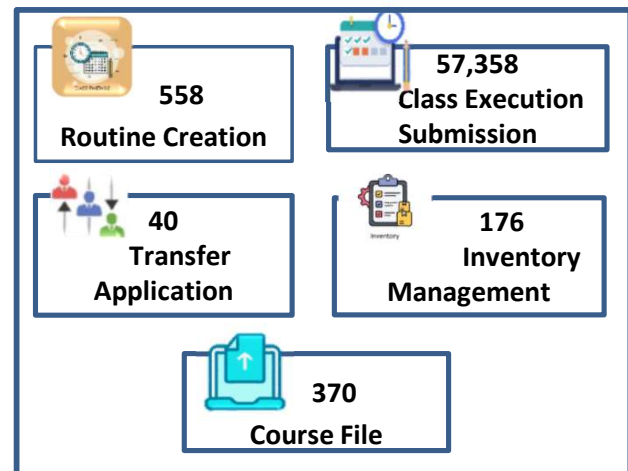
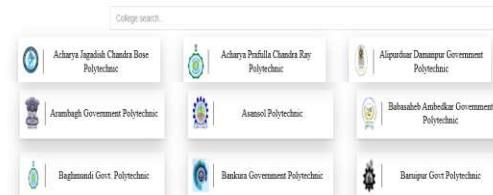
- ❖ **Centralized information System:** Provides a unified platform for managing academic, and administrative activity of Govt. Polytechnics.
- ❖ **Staff and Faculty Management:** Enable digital profiles, workload distribution and performance tracking for teaching staffs.
- ❖ **Real-time Analytics and Reports:** Dashboards for monitoring institutional performance, student outcomes, and resource utilization.



Government Polytechnics

[Registration for Placement Drive](#)

This is comprehensive portal for all Govt. Polytechnics under Dept of Technical Education, Training & Skill Development, Govt of West Bengal. It is one stop place for citizens, students, faculty and administration to find relevant information about Polytechnic Colleges of West Bengal. Various information about colleges including contact details, notices, courses, admission procedure, examination, campus facilities etc. are available in the portal. Principals of each College has the Administrator privilege to upload necessary information about the Colleges.

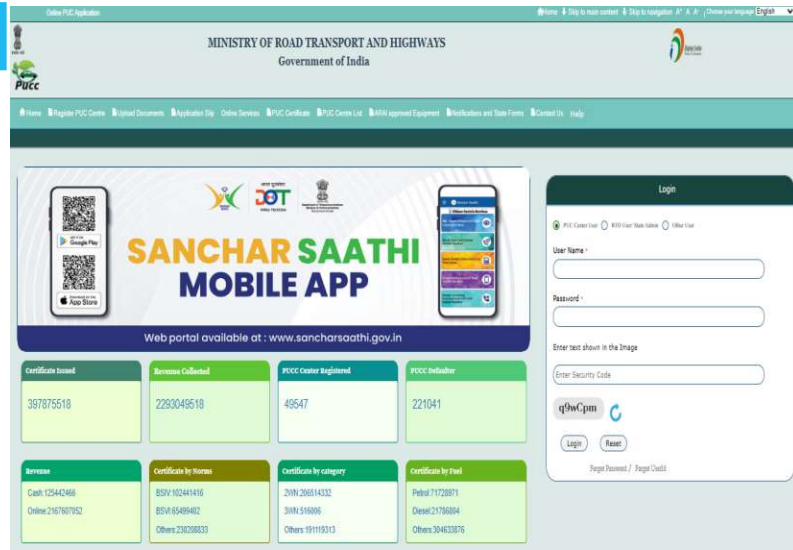


Project Name	Prism Id	Project URL
e-Transport (PUC)		https://puc.parivahan.gov.in/puc/

Highlights

The PUC Project covers the core activities :

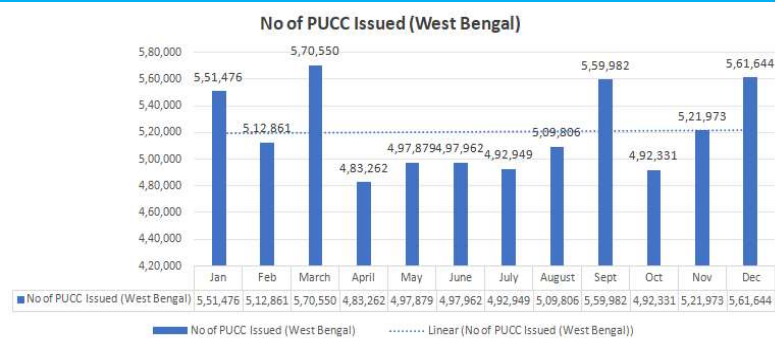
- Pollution Under Control Certificate (PUC) is a centralized application designed to connect all Vehicle Pollution Checking Centres which issues Pollution Under Control Certificates to vehicles as per Motor Vehicle Act. It facilitates mandatory linking of PUC status of vehicles with the Centralized Vahan 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, PUC 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 PUC 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



Graph



Statistics

- ✓ No. of PUC issued (All India) Dec'2025 :90,93,066
- ✓ No. of PUC issued (All India) cumulative :40,69,68,586
- ✓ No. of PUC issued (West Bengal) Dec'2025 :5,61,644
- ✓ No. of PUC issued (West Bengal) cumulative: 3,20,50,041



Implementation / Benefits of Citizen:

- Completely online certificate issuance process ensures compliance with current emission norms, data accuracy, transparency as well as efficiency.
- ✓ Citizen, and all other stakeholders' concerns have been incorporated in the system to make it more user-friendly and transparent.



Project Name	Prism Id	Project URL
e-Transport (Content Management System)	3586	In development phase

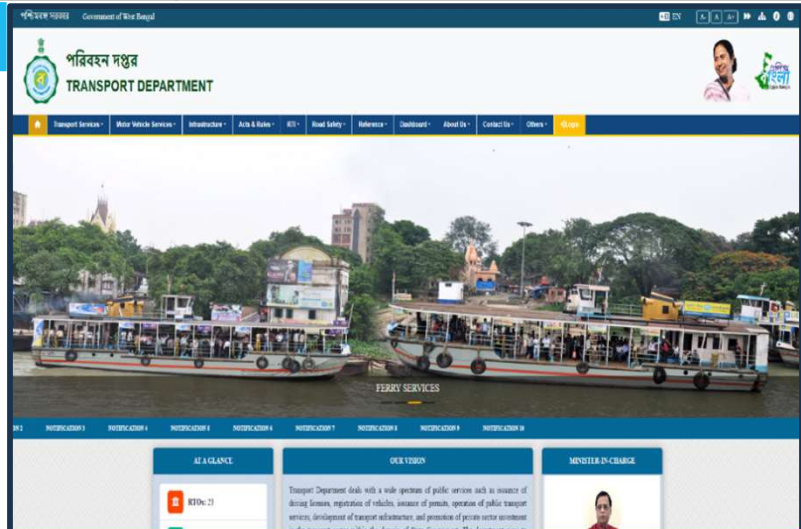
Highlights

The CMS Project covers the core activities :


- 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


Implementation / Benefits of Citizen:


- ✓ In development stage





Technical Stack



 Laravel


 Bootstrap


 jQuery
3.6.0


 Postgre
SQL


 Highchart


 Java
script

Graph

In development stage

Statistics

- ✓ In development stage

Other Officers: Surath Mukherjee, Scientist D
 HoD : Manas Kumar Bhattacharya , Scientist -F
 SIO : Shri Atanu Das, DDG & SIO WB

Email: surath.mukherjee@nic.in
 Email: shod10-wb@nic.in
 Email:sio-wb@nic.in

Project Name	Prism Id	Project URL
e-Transport (e-Detection)		https://vahan.parivahan.gov.in/eDetection

Highlights

The e-Detection Project covers the core activities :

- 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

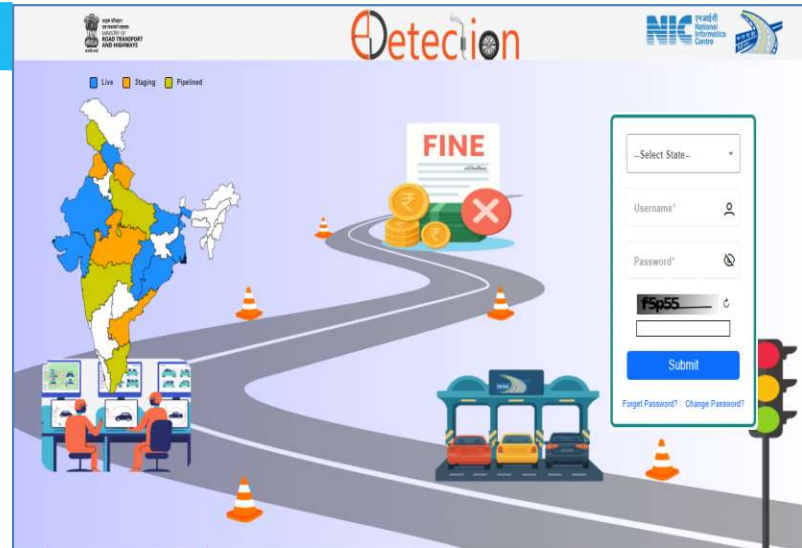
➤ Flow of actions:

- i) Vehicles passing through toll plazas
- ii) Passing vehicles data of toll plazas fetched through e-detection portal
- iii) Motor vehicle inspector inward challan for all default vehicles through e-detection
- iv) Vehicle owners can pay challan amount through echallan portal.



Implementation / Benefits of Citizen:

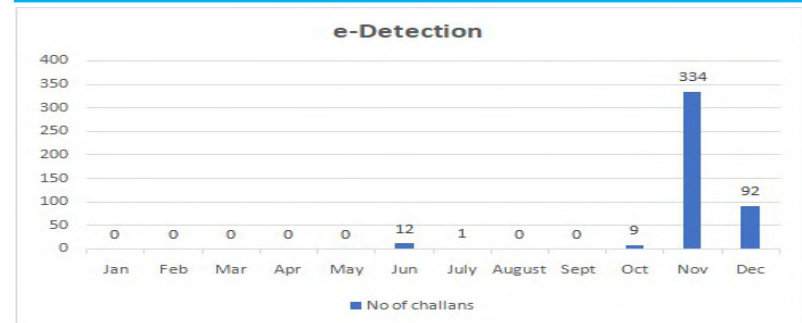
- ✓ Enhances enforcement efficiency and revenue collection by automating detection of defaulting vehicles



Technical Stack

Centrally developed

Graph



Statistics

- ✓ No. of challans (e-Detection) Dec'2025 : 92
- ✓ No. of challans (e-Detection) cumulative : 448

Other Officers: Surath Mukherjee, Scientist D

HoD : Manas Kumar Bhattacharya , Scientist -F

SIO : Shri Atanu Das, DDG & SIO WB

Email: surath.mukherjee@nic.in

Email: shod10-wb@nic.in

Email: sio-wb@nic.in

Project Name	Prism Id	Project URL
e-Transport (iRAD)		https://irad.parivahan.gov.in/

Highlights

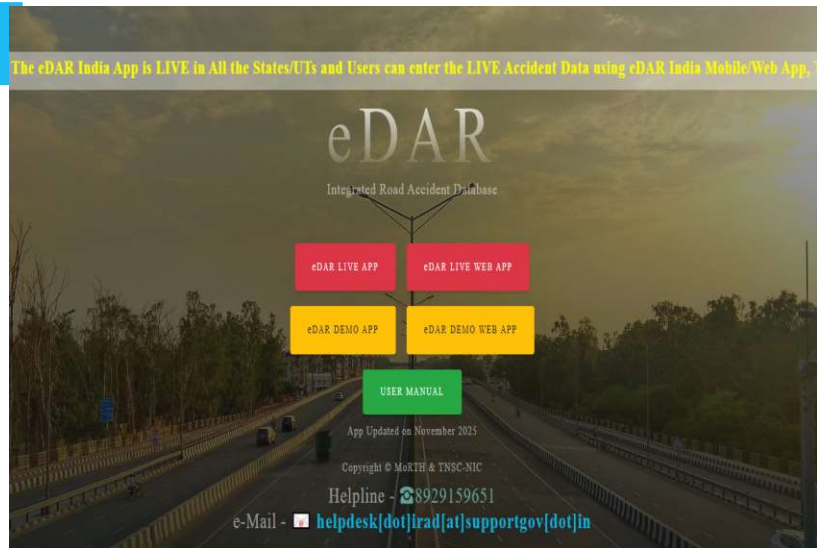
The iRAD Project covers the core activities :

- 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.



Implementation / Benefits of Citizen:

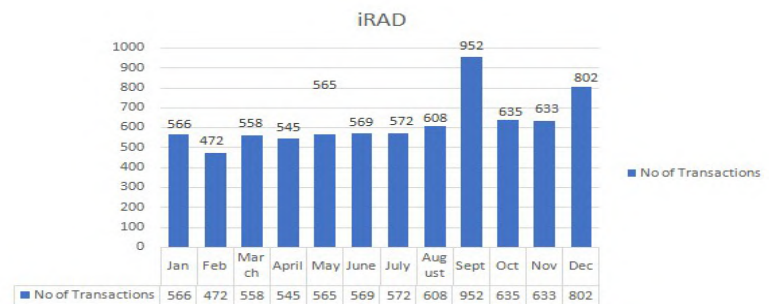
- The insights gained from iRAD are used to inform policy decisions, road safety campaigns, and engineering improvements aimed at reducing accidents.
- iRad/eDAR enhances the value proposition for citizens by making the road accident claims process more efficient, transparent, and less burdensome, ultimately leading to a better experience for those affected by road accidents.



Technical Stack

Centrally Developed

Graph



Statistics

- ✓ No. of accidents recorded Dec'2025 : 802
- ✓ No. of accidents cumulative :17,449

Other Officers: Surath Mukherjee, Scientist D

HoD : Manas Kumar Bhattacharya , Scientist -F

SIO : Shri Atanu Das, DDG & SIO WB

Email: surath.mukherjee@nic.in

Email: shod10-wb@nic.in

Email:sio-wb@nic.in

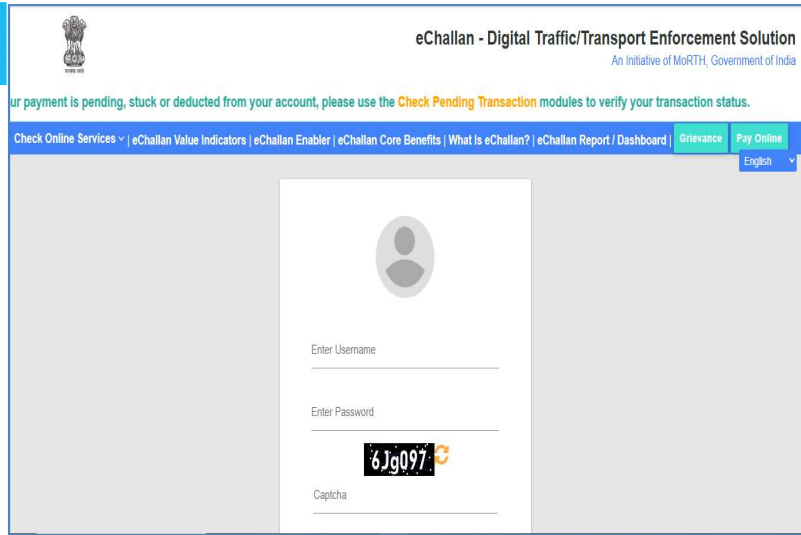


Project Name	Prism Id	Project URL
e-Transport (e-Challan)		https://echallan.parivahan.gov.in/

Highlights

The e-Challan Project covers the core activities :

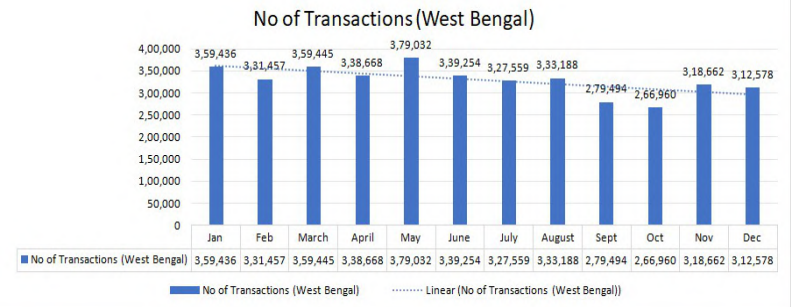
- e-Challan is a sophisticated software application comprising Android based mobile app and web interface, developed for the purpose of providing a comprehensive solution for Transport Enforcement Officers and Traffic Policemen. This app-cum application is integrated with Vahan and Sarathi applications 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

Angular	Bootstrap	jQuery 3.6.0	PostgreSQL	php	Zend

Graph



Statistics

- ✓ No. of e-Challans Dec'2025 (All India) :73,04,460
- ✓ No. of e-Challans cumulative (All India) : 35,62,78,179
- ✓ No. of e-Challans Nov'2025 (West Bengal) :3,12,578
- ✓ No. of e-Challans cumulative (West Bengal) : 1,00,19,453



National Projects Implemented in WB E-COURTS

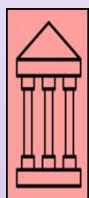


Objective

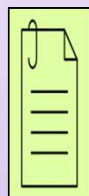
- To develop, install and implement decision support system in courts
- To automate judicial processes to provide transparency in accessibility of information to its stakeholders
- To enhance judicial productivity both qualitatively and quantitatively
- To make justice delivery system affordable, accessible, 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): **10042742**



Court Establishments: **277**



Orders: **14354172**

High Court at Calcutta

Bench	Institution (in Dec. 2025)	Disposal (in Dec. 2025)
Principal Bench , Original Side	510	470
Principal Bench , Appellate Side	2332	5965
Circuit Bench at Jalpaiguri	922	460
Circuit Bench at Port Blair	70	115



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

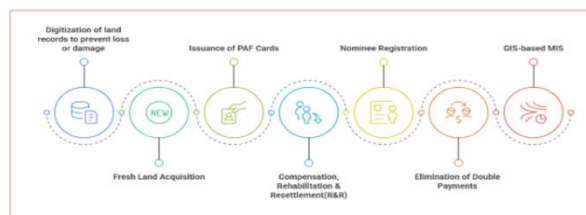
The portal aims to simplify the land acquisition process and establish a transparent and accountable digital platform.

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.

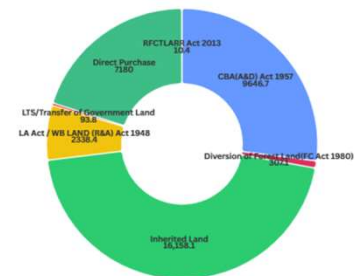
KEY FEATURES



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
Medical Counselling (West Bengal)	PG Medical & Dental UG Medical Dental & Ayush PG Ayush	Prism ID: 2884 Prism ID: 3601 Prism ID: 3130

Highlights

The Counselling Project covers the core activities of WBMCC:

- Centralized Medical Counselling Platform
- Real Time Merit Based seat Allotment
- Streamlined registration & Application Process
- Document verification and Eligibility validation
- Dynamic Seat matrix and vacancy update
- Multi-Round Counselling Workflow
- Institution wise and course wise Reporting dashboard
- Automated Allotment letter & Admission Status
- Offers timely support and resolution through Helpdesk integration, FAQs and user Guidance documentation.

INTRODUCTION

Online Counselling and admission to various Post-Graduate (PG) and Under-Graduate (UG) courses in Medical, Dental and AYUSH at the State level are being conducted by West Bengal Medical Counselling Committee (WBMCC), formed by the Department of Health and Family Welfare, Government of West Bengal under the chairmanship of the Director of Medical Education, GoWB.



Implementation / Benefits of Citizen:

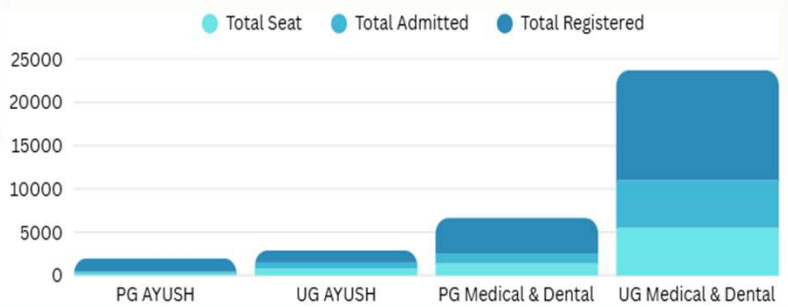
- ✓ Ensures fare and real time allocation of medical seats through a centralized , rule –based system, eliminating manual errors
- ✓ Enables student to complete registration, choice filling, document verification, and admission tracking entirely online – saving time and travel
- ✓ Providing dynamic vacancy updates, allotment and 24X7 support through helpdesk for smooth Counselling experience.

HoD: : Sh. Manas Kr Bhattacharya, Scientist -F
 Other officers : Smt. Rupa kar, Scientist -E (Project Co-Ordinator)
 : Sh. Rahul Gupta , Scientist -C
 SIO: : Sh. Atanu Das, Scientist -G

Email Id: shod10-wb@nic.in
 Email Id : rupa.kar@nic.in
 EMail Id : rahul.gupta94@nic.in
 Email Id: sio-wb@nic.in

Technical Stack

Graph



Statistics

- ✓ No. of Counselling Projects: 5
- ✓ Total Seats : 8,589
- ✓ Total candidates : 26.44 Lakhs
- ✓ Total Registered Candidates: 20,363
- ✓ Total Revenue: 3.78Cr.
- ✓ Total Admitted: 7,719



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, WBPDC & CEI

100 MW+ renewable energy projects under implementation

Statewide ERP & IT systems improving efficiency

Technology Used



Awards and achievements

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

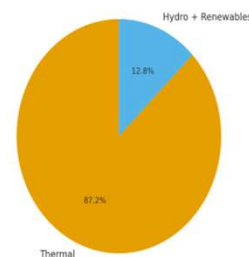
<https://wbpower.gov.in/>

PRISM Id: 21204

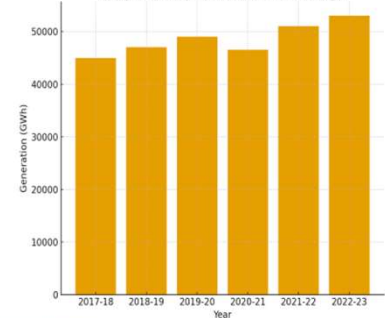


Graphical representation (yearly/monthly increment)

Installed Power Capacity in West Bengal (2024)



Yearly Electricity Generation in West Bengal



Recent Activities

- The audit has been completed, and the site is now live on power.wb.gov.in.
- Revamping activities for this website are currently in progress.
- NIC Gitlab related work

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





Portal for Youth Services and Sports

Department of Youth Services and Sports,
Govt. of West Bengal



Highlights








<https://sportsandyouth.wb.gov.in> PRISM Id: 17887

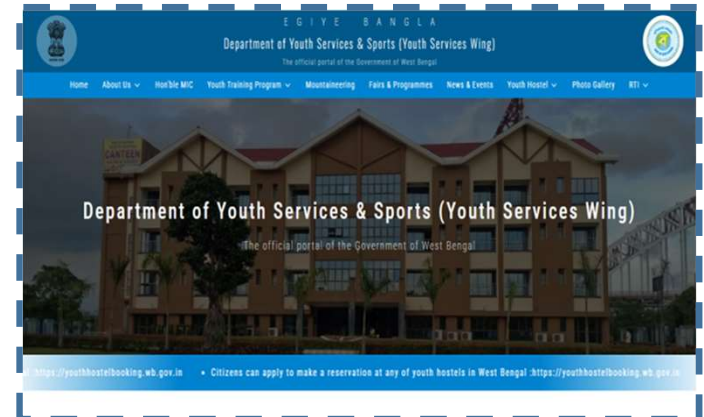
"Igniting youthful energy and sporting spirit across Bengal."

- 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









Recent Activities

- Fine tuning production app
- Debug
- Training client
- NIC Gitlab related work (creating repository, altering application)

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.

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: 1
 No. of diploma courses: 7	 No. of mountaineering courses: 6

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.	

Technology Used



HOD : Uditendu Sarkar, Sc-F
SIO : Shri Atanu Das, DDG& Sc-G

E-mail : uditendu.sarkar@nic.in
E-mail : sio-wb@nic.in



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

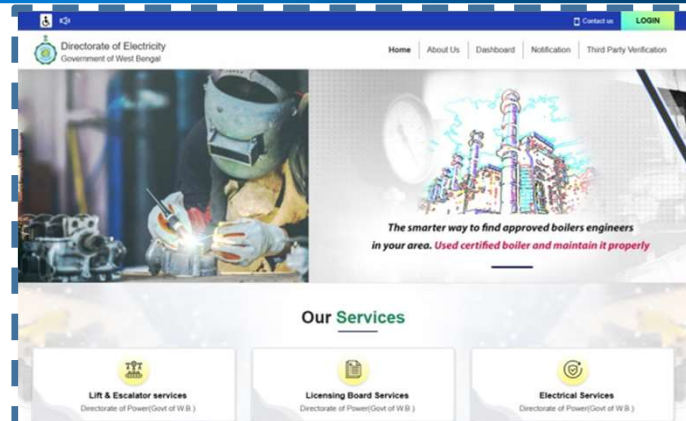
Technology Used

For tathyasathi.bangla.gov.in For doepower.wb.gov.in

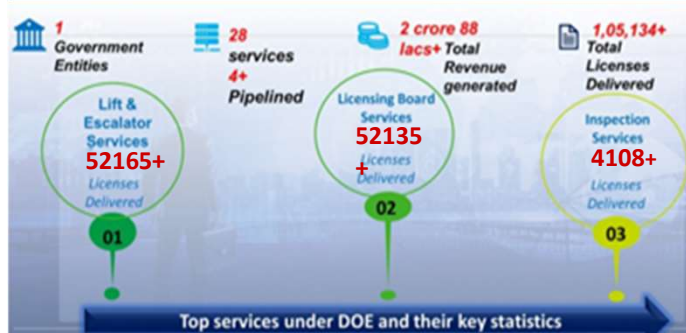


https://doepower.wb.gov.in
https://tathyasathi.bangla.gov.in

PRISM Id: 18353



Graphical representation (yearly/monthly increment)



Recent Activities

- Modifications done for One officer log as per the requirement.
Reports generated as per the requirements.

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-Services of Marketing Incentive

Directorate of Textile (Handloom etc.), Govt. of West Bengal



Highlights

<https://tantibandhu.wb.gov.in> PRISM Id: 21211

"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 Gol 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

Recent Activities

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

- ❖ Some issues identified in the Marketing Incentive project due to mapping changes were resolved
- ❖ Discrepancies in the calculation logic were identified and corrected to ensure accurate processing of incentive data.
- ❖ The updated project code has been uploaded to the NIC GitLab repository

Summary/Training

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

Technology Used

Different Modules in the System



Registration & Login	Claim	SLPC	News Post
Report	Official Creation & Updation	Role wise Action	



Highlights



<https://pbgsbs.gov.in>

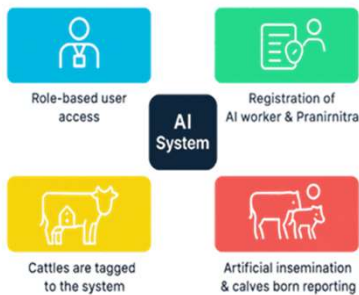
PRISM Id: 17943

"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.



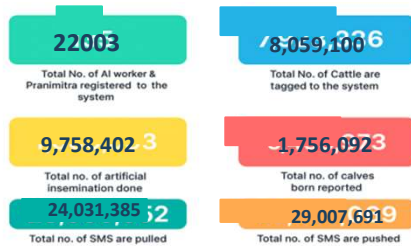
Key features



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.

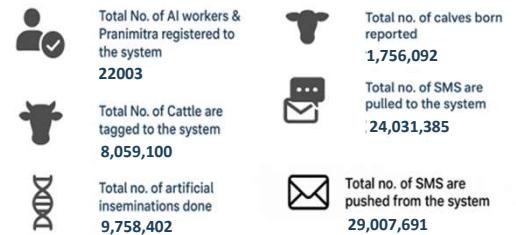
SMS and web based Registration of Breed able Cattle & Buffalo by using ear tag having 12 digit unique number.



Technology Used



Graphical representation (yearly/monthly increment)



Recent Activities

- Prepare and upload report to Social Registry on beneficiary and transaction of 2 schemes for session 2025-26 (Upto October 2025)
- ePBGSBS setup in gitlab.
- Base Template modification is done and uploaded in Live minor update is going on as per suggestion.
- Modification done on incentive form, summary entry from, AI-Worker Approve & block, fss used form & indent management.
- Prepare Departmental reports & other work.

Summary/Training

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

Different Modules in the System





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.

Key features



Automated Subsidy Calculator



Realtime Application status

Technology Used



Statistical Figures/Integrations



Total no. of Registered Users

13
5



Total no. of Approved Application

2
3



Total no. of Applications

15
8



Total no. of Approved Amount

1746.0162 lakh



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

PRISM Id: 20747



Graphical representation (yearly/monthly increment)



Recent Activities

- Creating new feature for the new portal
- Generating MIS reports
- Fixing bug for production and staging server

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 WBDED



MARRIAGE REGISTRATION IN WEST BENGAL

<https://rgmwb.gov.in>

AWARD AND ACHIEVEMENT



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 **696615** nos. of marriages under Special Marriage Act 1954 and **441892** 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 attained more effectively.

Displaying data from 01/01/2025

114898	Applications Submitted (Special Marriage Act u/s 13)	13106	Applications Submitted (Special Marriage Act u/s 16)	75892	Applications Submitted (Hindu Marriage Act)
106420	Applications Accepted (Special Marriage Act u/s 13)	10996	Applications Accepted (Special Marriage Act u/s 16)	64361	Applications Accepted (Hindu Marriage Act)
93921	Marriage Registered (Special Marriage Act u/s 13)	9788	Marriage Registered (Special Marriage Act u/s 16)	62672	Marriage Registered (Hindu Marriage Act)
93966	Certificate Generated (Special Marriage Act u/s 13)	9810	Certificate Generated (Special Marriage Act u/s 16)	62748	Certificate Generated (Hindu Marriage Act)



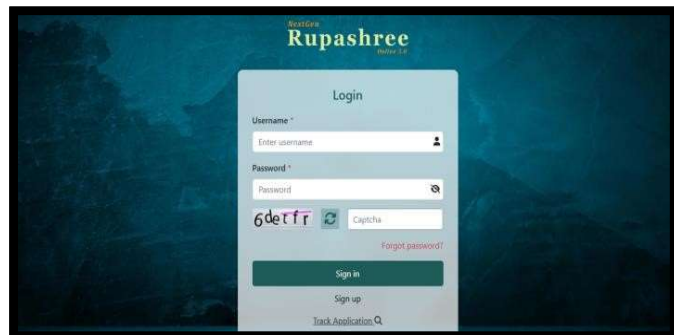
PROJECT NAME	PRISM ID	PROJECT URL
Child Marriage Reporting and Tracking System	3152	Production URL: https://cmrts.wb.gov.in

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: 13,076 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 –13,076
Home Enquiry Done –10,665
Follow-up Done –43,810

Statistics: January, 2026

Intervention Reported – 474
Home Enquiry Done – 166
Follow-up Done – 1,595

HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E

Email: hod.wcd-wb@nic.in
Email: officer1.wcd-wb@nic.in

SIO : Shri Atanu Das, DDG & Sc.G

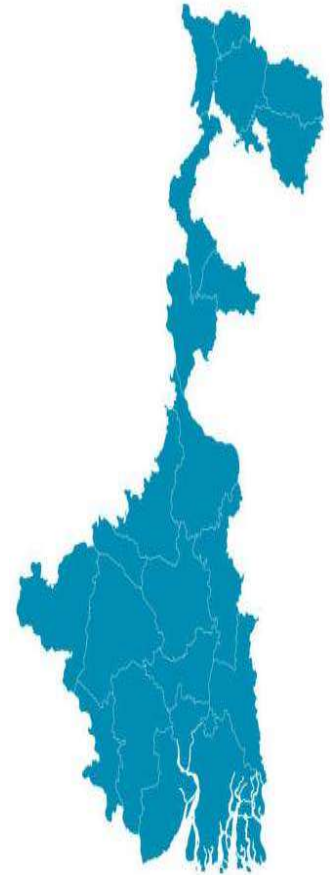
Email: sio-wb@nic.in

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

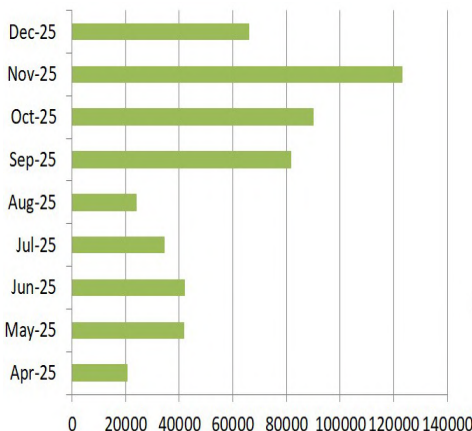
Since 2018, the government is funding the project implementation on Capex and Opex basis for an estimated load of 1,00,000 (One lakh tenders per annum)

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.

Description	wbtenders.gov.in	tenders.wb.gov.in
Tender Value December 2025 (in ₹ Crores)	6106	3181
Cumulative Value Since Inception (in ₹ Crores)	741272	3181
Number of Tenders	66,027	39664
Number of Tenders (Cumulative Since Inception) (in Lakhs)	22.92	0.39
Bidders/Contractors (Cumulative Since Inception)	85114	80358
Departmental Users (Cumulative Since Inception)	19669	18655
Active Registered Organisations	9063	9063



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



TRAINING SESSIONS IN DECEMBER 2025

1. Training Program was held in the month of December 2025 with 29 participants on WB GePNIC Software, its different modules & workflow, Prerequisites and requirements for onboarding, complete eTender process flow and BoQ types.

In order to ensure effective execution of two Schemes namely, "[Amader Para Amader Samadhan](#)" (APAS) and "Pathashree" in a time bound manner, the Tender Inviting Authorities, vide Finance Department memo [no. 4253-F\(Y\) dt. 03.12.2025](#), are allowed to invite tender either in the existing e-tender platform or using a new e-tender platform in the name of <https://tenders.wb.gov.in> after observing all rules and formalities



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.

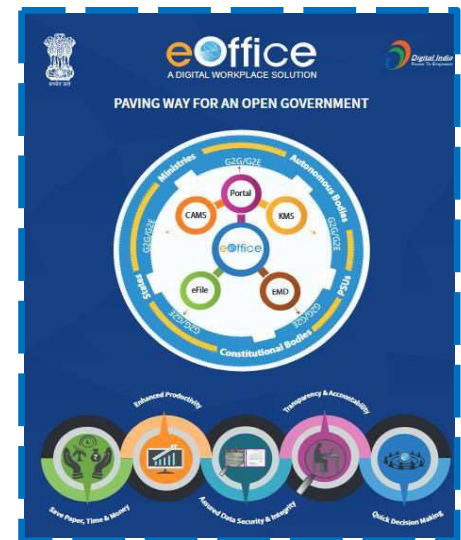
HOD : Ashis Mukherjee, Scientist-F and ASIO
(email : shod5-wb@nic.in)

HOG : Atanu Das, DDG & SIO
email : sio-wb@nic.in

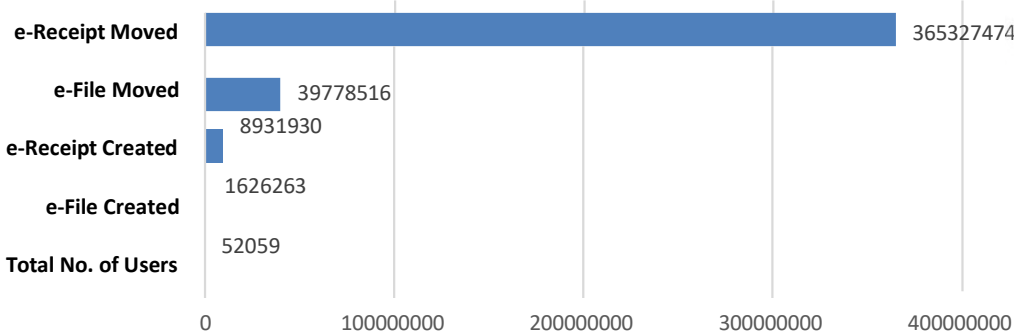
Impact and Benefits

<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 in file-works was not very much impacted due to eOffice only.



EOFFICE STATISTICS DECEMBER 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(NCSM)
- ✓ Indian Bureau of Mines
...and more.

Project Name	Prism Id	Project URL
eAbkari (NCT Delhi)	3490	https://eAbkari.delhi.gov.in

Highlights

The eAbkari Project covers the core activities of eAbkari:

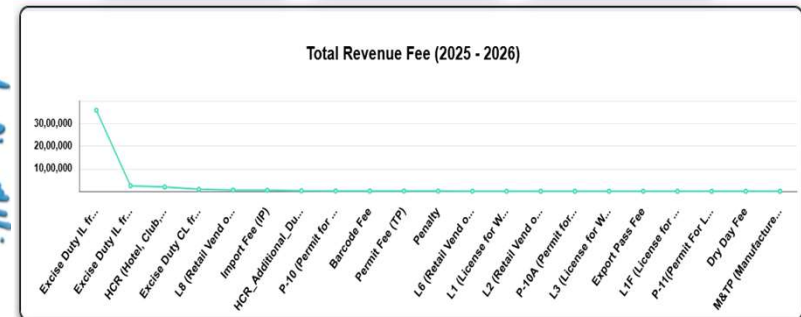
- Ensuring public health through Regulation and intelligence, Enforcement Measures.
- Excise License Management to render 360 Degree profile of Excise Licenses.
- Minimum consumption maximum revenue ensured
- Inventory management at all Excise Nodes.
- Excise Revenue Management
- Excise Licensing creation and Renewal.
- Label Registration of Packaged Liquor.
- Issuance of NOC/Permit / Passes / EVCs with status tracking at all hierarchal levels.
- Supply Chain management using QR Code based EAL on Bottle / Cases.



Technical Stack



Graph



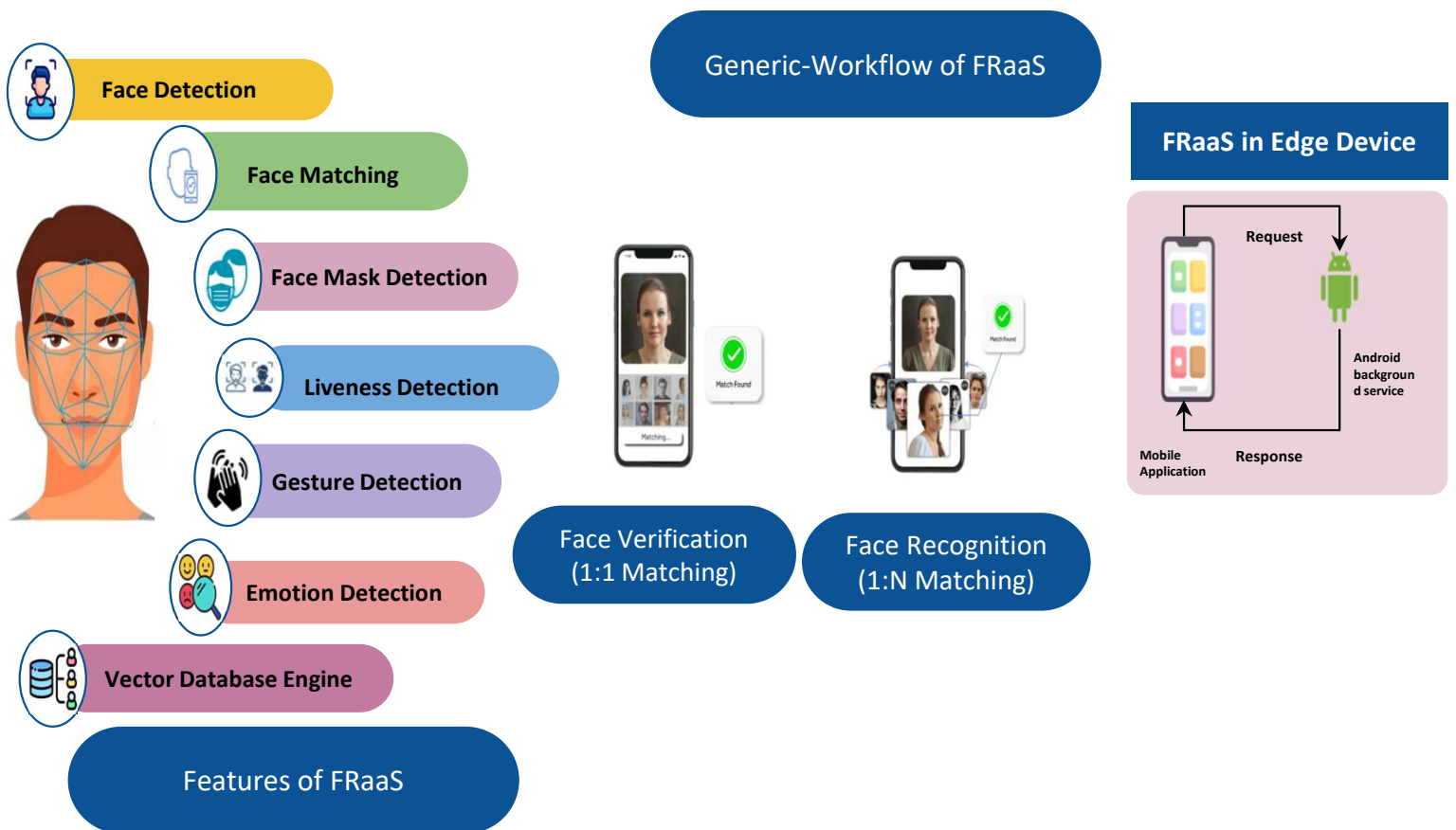
Implementation / Benefits of Citizen:

- ✓ Execute better Enforcement management for safeguarding public health from spurious liquor.
- ✓ Increase in Excise Revenue arresting revenue leakage points through reconciliation of every drop of spirit imported or manufactured and curbing sale of non-duty paid, illicit and spurious liquor.
- ✓ Timely supply of life-saving medicines.

Statistics

- ✓ No. of Licensees: 4,165
- ✓ No. of Permits : 17,35,619
- ✓ Corporation Bottle Sold : 62.94 Cr.
- ✓ HCR Bottle sales : 5.07 Cr.
- ✓ Country Liquor sales: 2.25 Cr.
- ✓ Total Revenue : 7,152.92 Cr.

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



HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E
SIO : Shri Atanu Das, DDG & Sc.G

Email: hod.wcd-wb@nic.in
Email: officer1.wcd-wb@nic.in
Email: sio-wb@nic.in

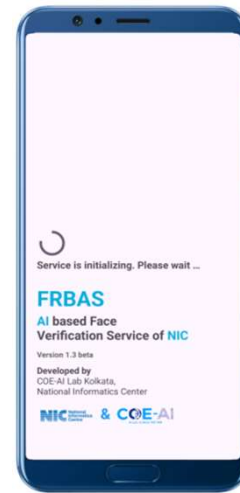
PROJECT NAME	PRISM ID	PROJECT URL
<p>CoE AI Lab, Kolkata</p> <p>Face Recognition based Attendance System (FRBAS)</p>		



FRBAS - PBSSD



FRBAS - School (Proposed)



FRBAS (offline) - Agristack



FRBAS – Employee Attendance



FRBAS - Anganwadi (Proposed)



FRBAS - ARD (Proposed)

HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E

Email: hod.wcd-wb@nic.in
Email: officer1.wcd-wb@nic.in

SIO : Shri Atanu Das, DDG & Sc.G

Email: sio-wb@nic.in

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

12.23 crore API hit Generated for capturing Attendance since inception

86.89 lakhs API hit Generated for marking Attendance in January, 2026


HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E


Email: hod.wcd-wb@nic.in
Email: officer1.wcd-wb@nic.in


SIO : Shri Atanu Das, DDG & Sc.G

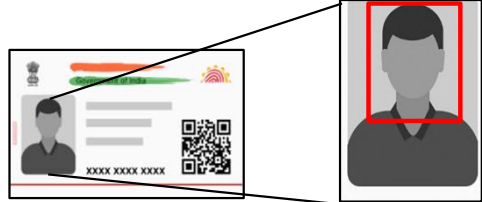
Email: sio-wb@nic.in


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

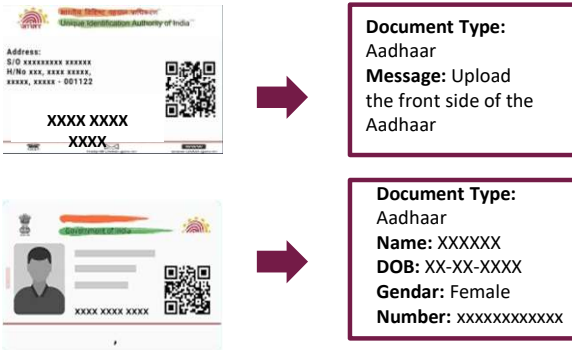
1  **Corrects Rotated/Skewed Aadhaar Images**



2  **Validate the alignment of Aadhaar card**




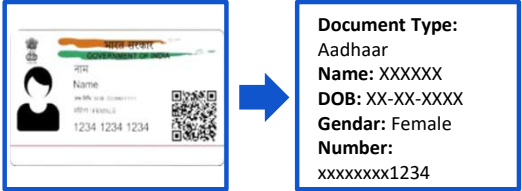
3  **Identifies front and back side of the Aadhaar**



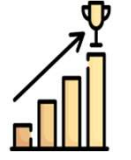
Document Type: Aadhaar
Message: Upload the front side of the Aadhaar


Document Type: Aadhaar
Name: XXXXXX
DOB: XX-XX-XXXX
Gender: Female
Number: xxxxxxxxxxxx

4  **Information extraction**



Document Type: Aadhaar
Name: XXXXXX
DOB: XX-XX-XXXX
Gender: Female
Number: xxxxxxxx1234

 **1.34 Crore API hits recorded Since inception**

 **2.78 lakh API hits recorded in January, 2026**

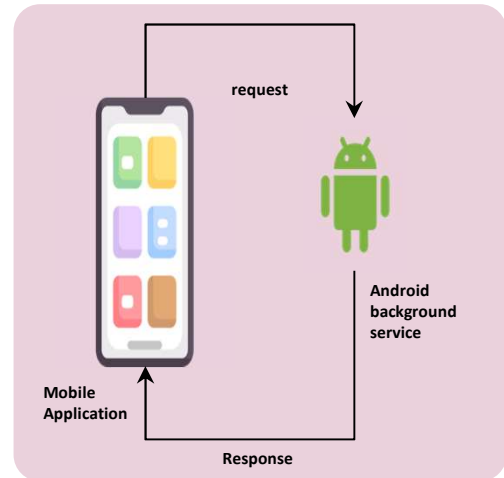
HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E
SIO : Shri Atanu Das, DDG & Sc.G

Email: hod.wcd-wb@nic.in
Email: officer1.wcd-wb@nic.in
Email: sio-wb@nic.in

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.



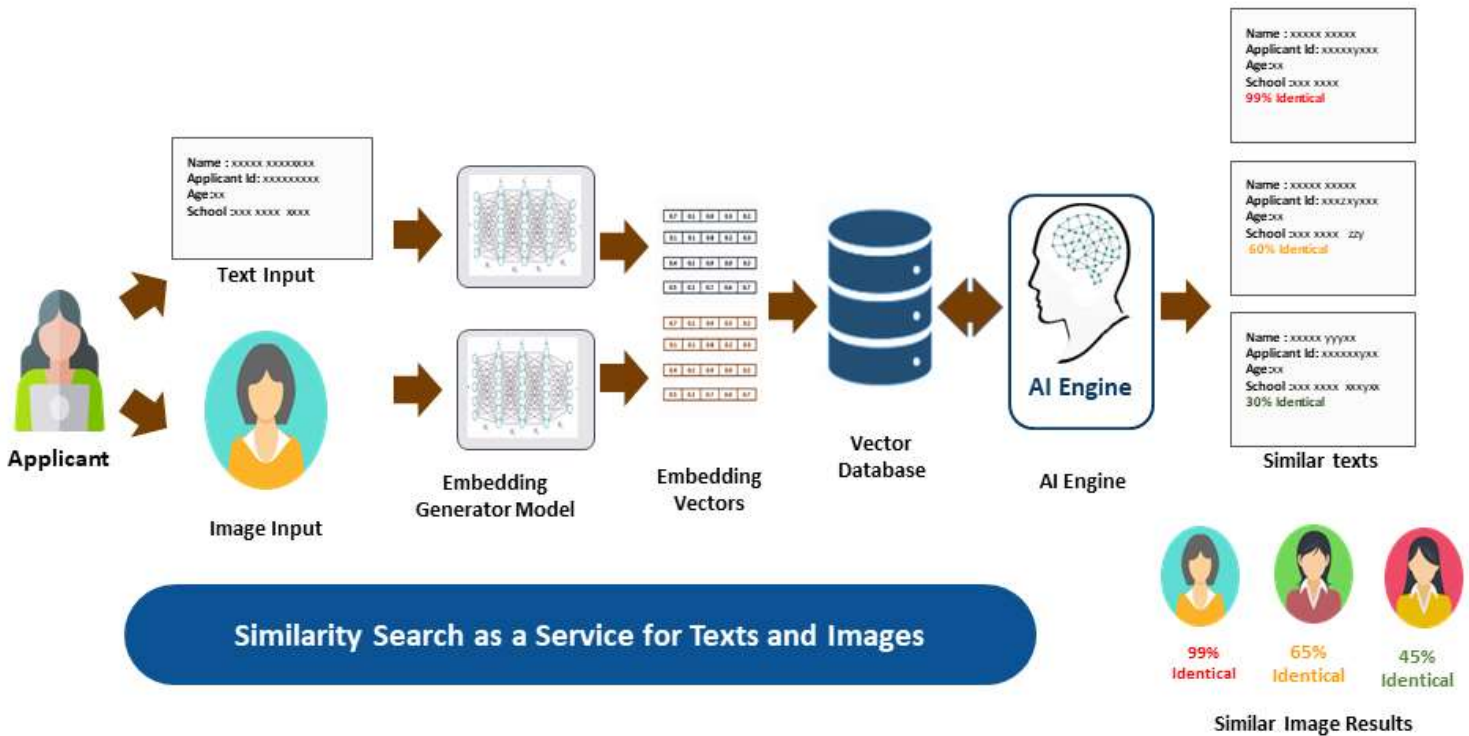
HOD: Shri Sarat Dhara, Scientist - F
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 Email: officer1.wcd-wb@nic.in

SIO : Shri Atanu Das, DDG & Sc.G

Email: sio-wb@nic.in

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



Statistics since inception

AI Transaction in Kanyashree – 3.26 Crores
 AI Transaction in Rupashree – 59 Lakhs

Statistics January, 2026

AI Transaction in Kanyashree – 1,20,787

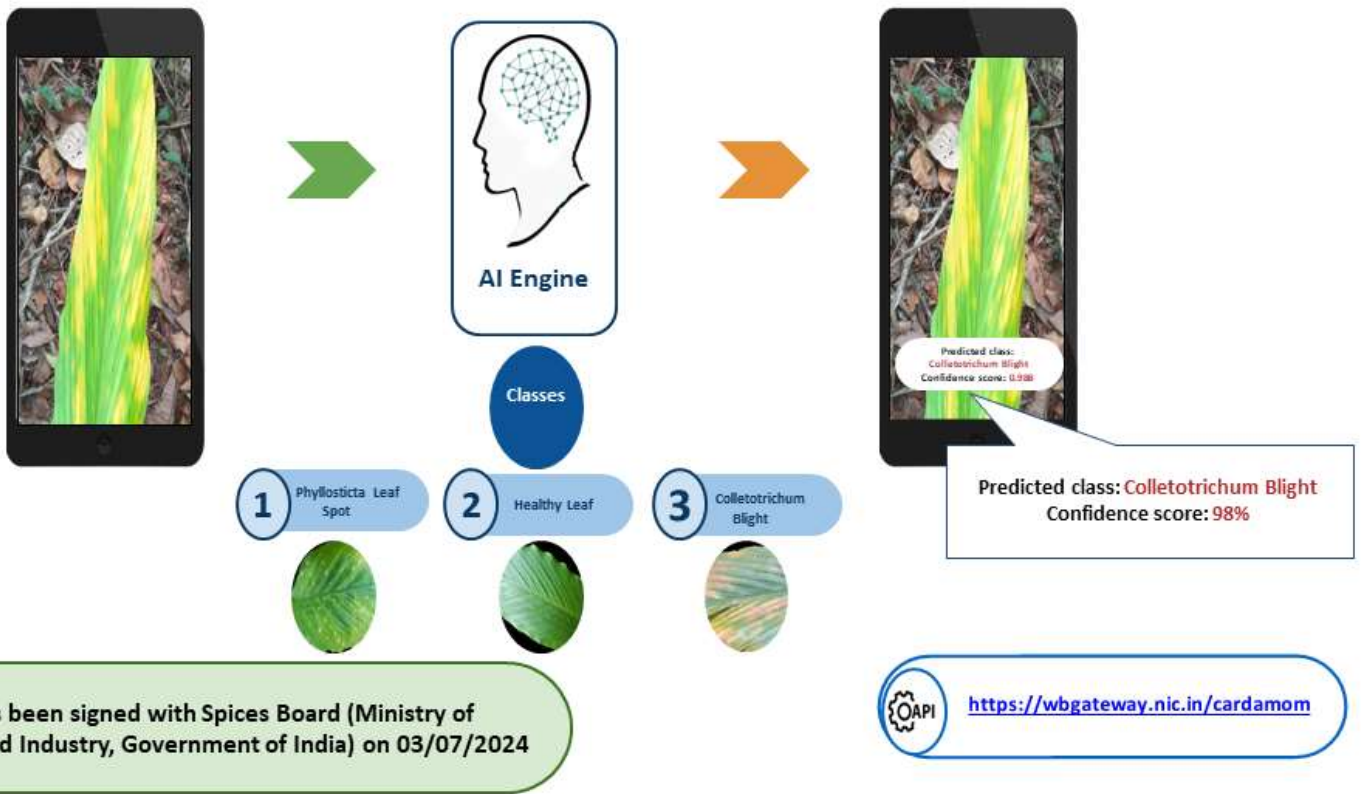
HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E

Email: hod.wcd-wb@nic.in
Email: officer1.wcd-wb@nic.in

SIO : Shri Atanu Das, DDG & Sc.G

Email: sio-wb@nic.in

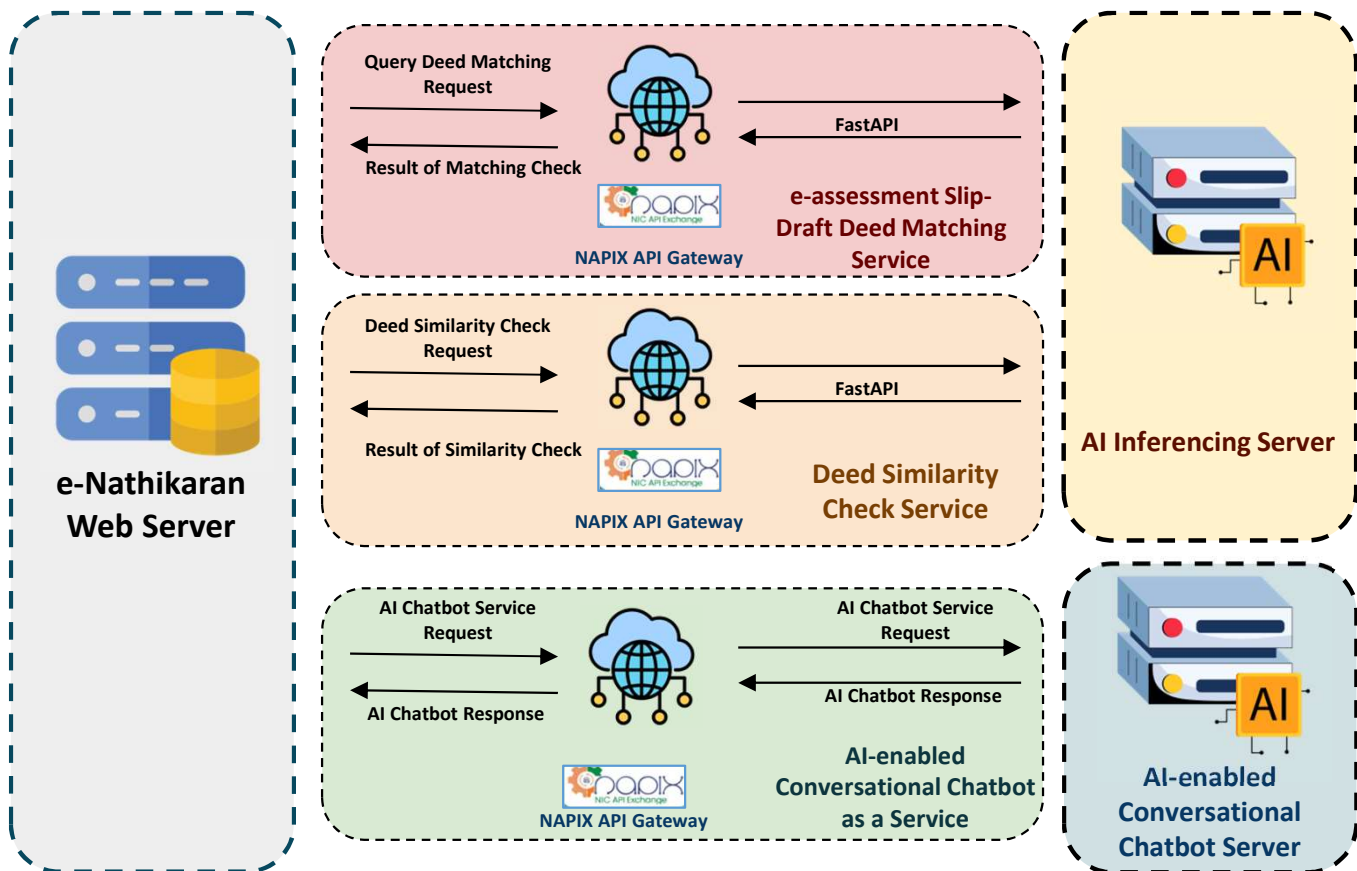
PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Enabled Cardamom Leaf Disease Classification		



HOD: Shri Sarat Dhara, Scientist - F
 Project Coordinator: Dr. Subrata Roy Gupta, Sc – E
 SIO : Shri Atanu Das, DDG & Sc.G

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 Email: officer1.wcd-wb@nic.in
 Email: sio-wb@nic.in

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



HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E
SIO : Shri Atanu Das, DDG & Sc.G

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Email: sio-wb@nic.in



PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata AI Sanlaap Conversational AI-based Multimodal Multilingual Chatbot Framework of NIC	4808	



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

HOD: Shri Sarat Dhara, Scientist - F
 Project Coordinator: Dr Subrata Roy Gupta, Sc – E
 Other Officers: Shri Sandip Pramanik, Sc D
 Smt Shila Rani Sahoo, Sc D
 Shri Badal Kumar, Sc B
 SIO : Shri Atanu Das, DDG & Sc-G

Email: hod.aimlwb-wb@nic.in
 Email: officer1.aimlwb-wb@nic.in
 Email: officer1.nicmdck-wb@nic.in
 Email: shila.sahoo@nic.in
 Email: badal.kumar@nic.in
 Email: sio-wb@nic.in

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

Traditional Approaches

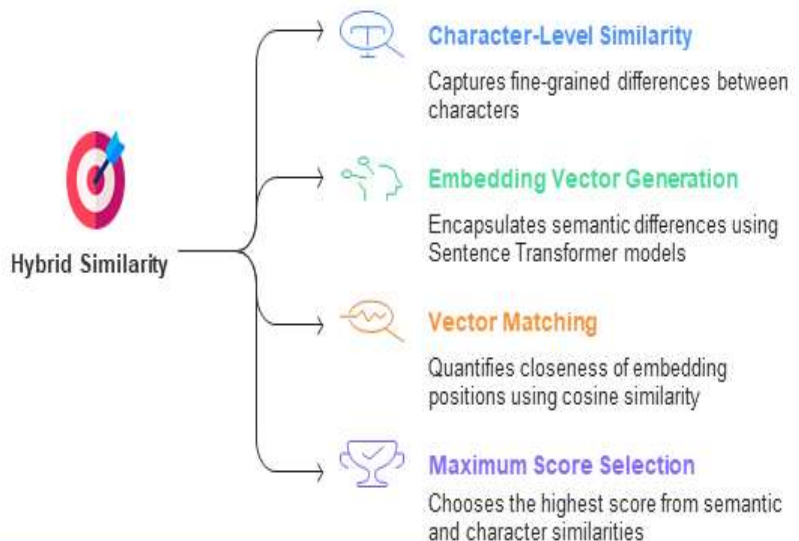
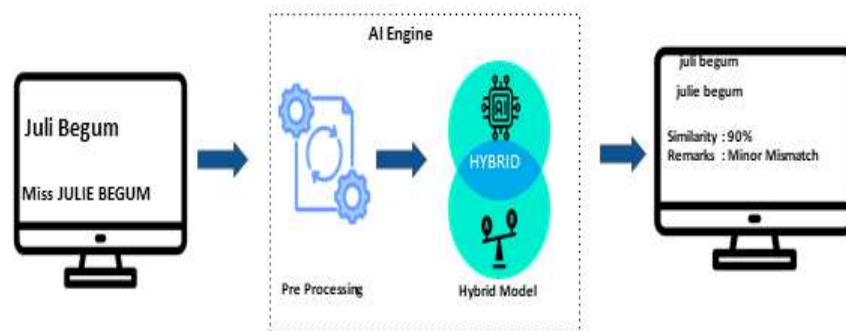
Common key, list-based, edit distance (e.g., Levenshtein)
 No understanding of context or minor errors

Word Embedding

Numeric representation of names
 Captures basic context

Transformer-Based Methods (LLMs)

Understands semantics, transliterations, and variants.
 Robust to surface-level differences



30,305 no of API hits recorded in January, 2026
 (Being used for KP, RP, Lakshmir Bandar & Jai Bangla)

Proposed to

KP

RP

HOD: Shri Sarat Dhara, Scientist - F
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 SIO : Shri Atanu Das, DDG & Sc.G

Email: hod.wcd-wb@nic.in
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 Email: sio-wb@nic.in

HIGHLIGHT

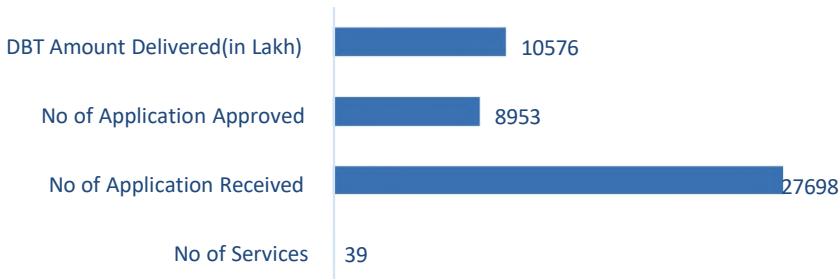
<https://serviceonline.gov.in>
<https://tathyasathi.bangla.gov.in>

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

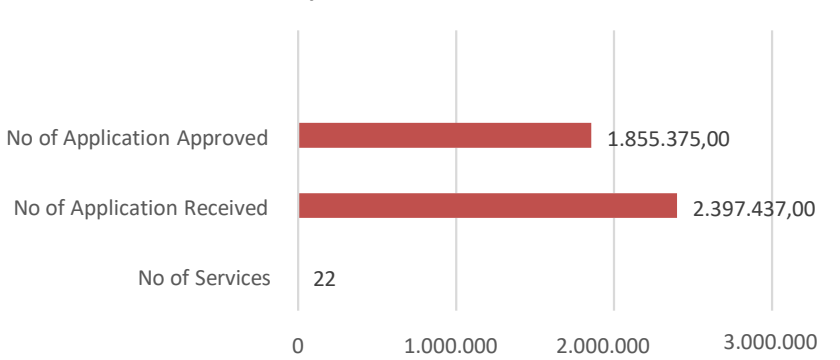
“Make all Government services accessible to the common man in his locality, through common service delivery outlets, and ensure efficiency, transparency, and reliability of such services at affordable costs to realize the basic needs of the common man”

- **Regulatory Approval Services** : The services like Issuance of Electricity Permission, festival permission, idol immersion are given to the citizens.
- **E-Governance Services** : Around 39 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 December 2025

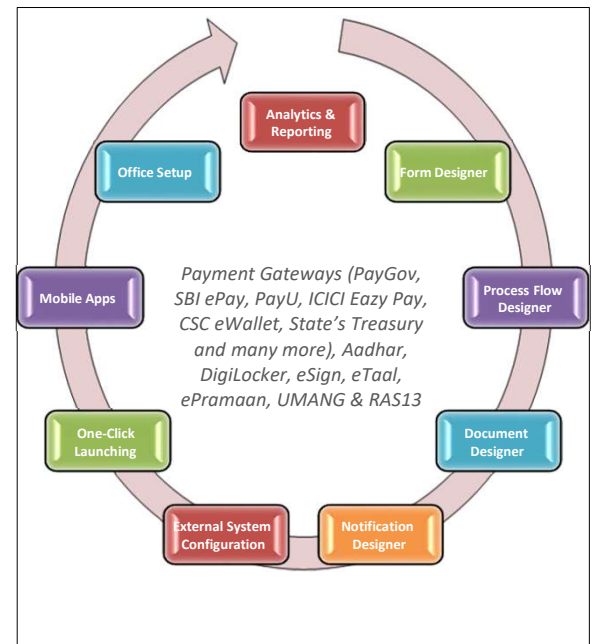


State Government Journey for December 2025



Features

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

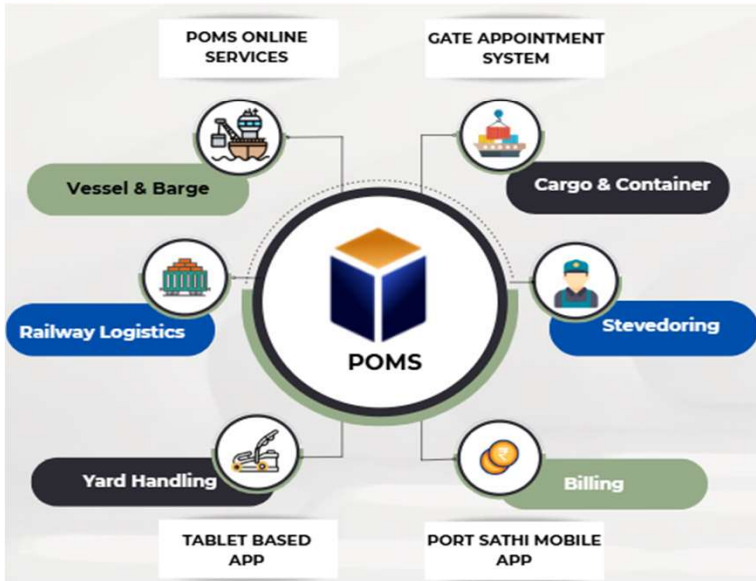


Highlights: (Prism Id:20880)

: <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). It has continuously supported port operations, including during COVID-19. With evolving technologies and business needs, it is planned for a NextGen upgrade aligned with Government of India's ONOP initiatives to enhance efficiency, transparency, service delivery, and support future port growth.

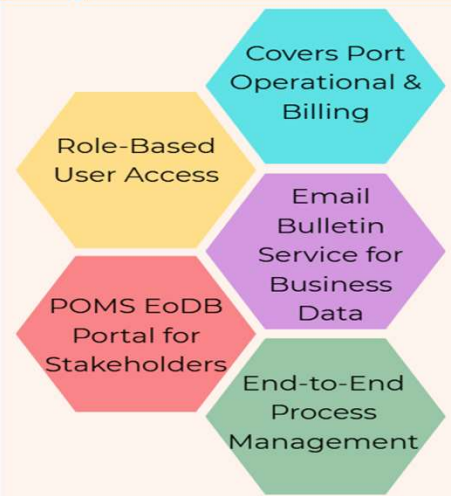
Key Functionalities:



Integrations

- LDB
- IPA-NLP Marine
- Pre-Gate
- RFID
- GST-IRN
- WeighBridge

Key Features:



Recent Activities:

- API Integration:** Developed and deployed inbound/outbound message exchanges for APSEZ-SMPK (4 inbound, 8 outbound) and CPL-POMS (7 inbound, 6 outbound) integrations on the testing server
- Production Deployment-** GIS-based plot management module ready for deployment. Successfully moved the multi-berth productivity calculation for APSEZ into the production environment
- Traffic Data Analytics:** Completed the study and preparation of NTRS traffic data to support port operational analysis
- Billing Module Development:** Conducting active studies and development on new license billing, miscellaneous D2K-based billing reports, and specific billing modules for Century Port operations at KPD berths [6, 7, 8]
- Strategic Research & Initiatives -** Progressing with the "One Nation One Port" (ONOP) initiative study and ongoing POMS Online Revamp.

Usage Statistics:

Key entity	December 2025	January 2026	FY: 2025-26
Vessel	109	117	914
Rake	298	278	2880
Vehicle	30646	32880	295903
Container	55313	58669	538624
Consignment	14291	14414	152465
Sagar Setu Messages	130708	134380	1265870
Invoice Count	15777	16263	159286

Technology Stack:



HOD: Shri Aniruddha Pal, Scientist-F & ASIO (State)
Project Coordinator: Shri Sarajit Dey, Scientist-F
SIO: Shri : Sh. Atanu Das, DDG & Scientist-G

✉: shod6-wb@nic.gov.in, anipal@nic.gov.in
✉: shod7-wb@nic.gov.in, s.dey@nic.gov.in
✉: sio-wb@nic.gov.in

Highlights: (Prism Id:20883)

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

Developed by NIC/NICSI and implemented in 2003, EBAS at Haldia Port supports key operational and functional divisions. Continuously upgraded, it is now planned for a NextGen overhaul aligned with Government of India's ONOP initiatives to boost efficiency, integration, and future growth through modern technology and streamlined processes

Key Features:



Integrations:



Usage Statistics:

Key entity	December 2025	January 2026	FY: 2025-26
Vessel	189	203	1776
Rake	596	830	8180
Vehicle	8343	6731	55424
Container	22167	23782	181557
Consignment	4603	5751	42285
Sagar Setu Messages	173458	177963	1601081
Invoice Count	22437	26049	275955

Recent Activities:

- ONOP Developments:** Completed two key developments including CISF intimation for export bulk cargo and related application/report creation
- Module & Interface Enhancements:** Developed 6 interfaces. Documentation for the Land & Estate module, deployed a new module for rail-bound container delivery notifications to HICT and CHA for Nepal-bound shipments
- Mobile Application Upgrade:** Designed and launched a new mobile app version with iOS support and added bill download functionality
- Rate & Dashboard development:** Developing an application for concessional composite rates on foreign container landing and reshipment at Haldia-Kolkata feeder service. Successfully deployed a new dashboard at HDC for tracking NLP-M messages.
- Trade Circular Application:** Working on applications and reports for a new trade circular offering concessions on vessel-related charges for container feeder vessels making double calls at HDC within a single voyage.

Technology Stack:



HOD: Shri Aniruddha Pal, Scientist-F & ASIO (State)
Project Coordinator: Shri Sarajit Dey, Scientist-F
SIO: Shri Atanu Das, DDG & Scientist-G

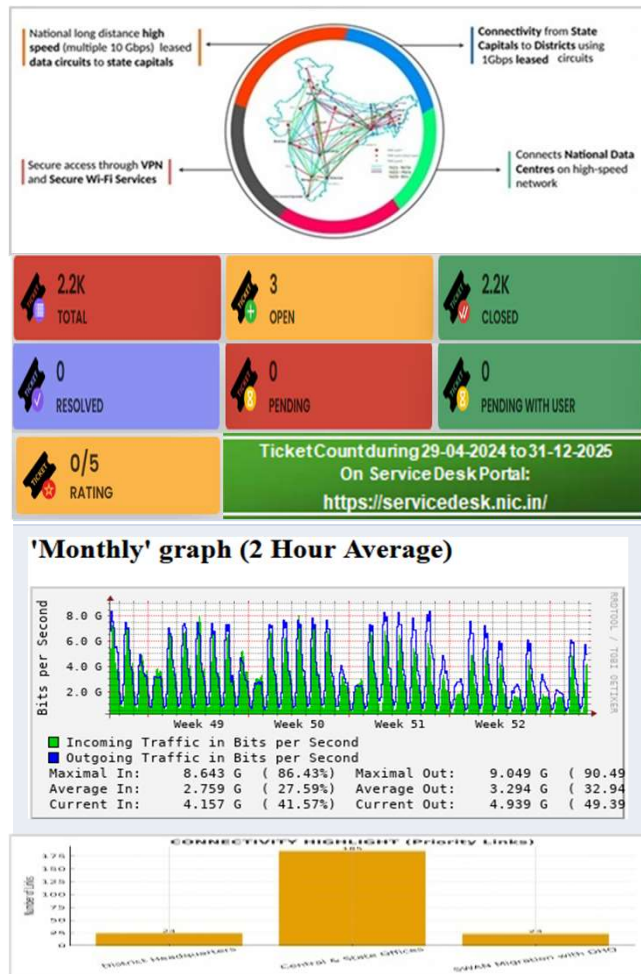
✉: shod6-wb@nic.gov.in, anipal@nic.gov.in
✉: shod7-wb@nic.gov.in, s.dey@nic.gov.in
✉: sio-wb@nic.gov.in



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 325 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:

SIO : Shri Atanu Das

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

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 December'2025, total 65 No. of VCs has been conducted where 288 sites participated with 436 studio hours

Out of 65 VCs, we have conducted 44 VCs on Bharat VC platform where 1160 participants joined through link.

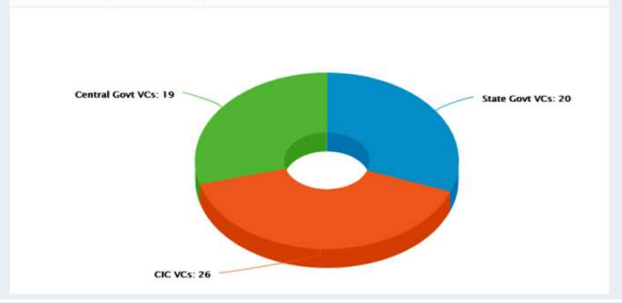
Additionally, Prime Minister 01 VC, Cabinet Secretary 01 VC, Chief Secretary 01 VC, Govt. of India 19 VCs, Election Commission 36 VCs has been conducted successfully.



Summary

	No of VC meetings	Studio hours	Site Participated
VC meetings of State Govt.	20	401	236
VC meetings of Central Govt.	19	27	20
VC meetings of CIC	26	7	32
Total	65	436	288

Total VC Meetings of West Bengal



HOD: Shri Dipankar Sarkar	Email: hod.nknvcs-wb@nic.gov.in
Other Officers:	
SIO : Shri Atanu Das	Email: sio-wb@nic.in

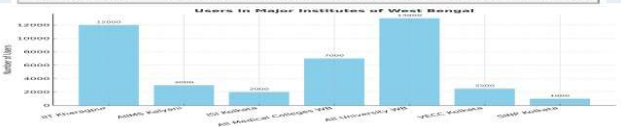
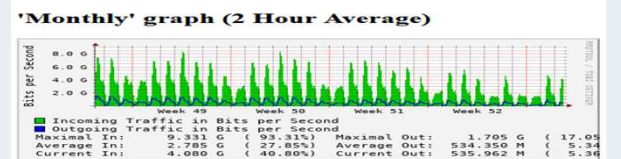
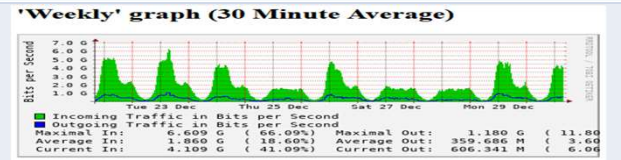
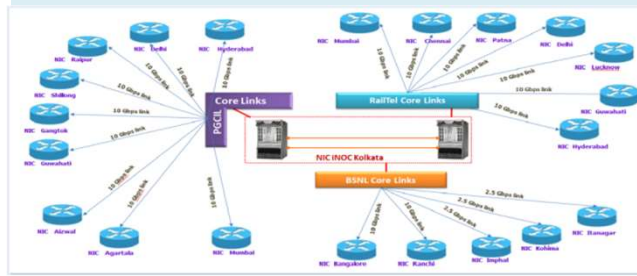


PROJECT NAME	PRISM ID	PROJECT URL
National Knowledge Network (NKN)	\	URL: https://nkn.gov.in

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.

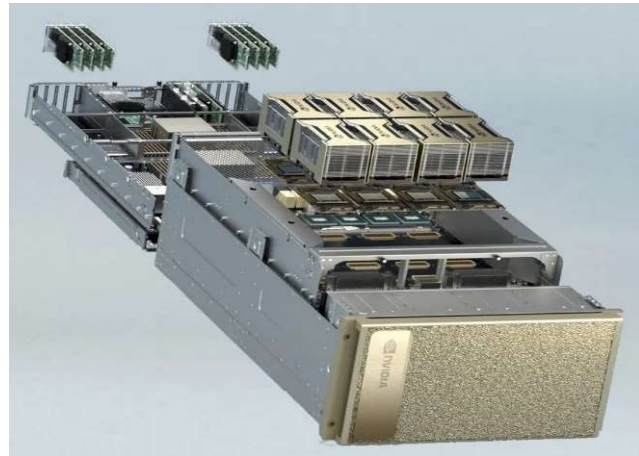


<p>HOD: Shri Dipankar Sarkar Other Officers:</p> <p>SIO : Shri Atanu Das</p>	<p>Email: hod.nknvcs-wb@nic.gov.in</p> <p>Email: sio-wb@nic.in</p>
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PROJECT NAME	PRISM ID	PROJECT URL
AI Supercomputing Platform – DGX A100 Integrated		

C

- 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 Similaraty searh, RAG based Multi modal Chatbot etc application are running.
- MIG based 22 Pods are ruing 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

HOD: Shri Sarat Dhara, Scientist-F

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SIO : Shri Atanu Das, DDG & SC-G

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Email:officer1.nicmdck-wb@nic.in

Email:sio-wb@nic.in

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, 23 backup services, 70 public IPs provisioned
- Hosting 46 departmental websites, with 5 still active (January 2026)
- 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): 5
Total VMs provisioned: 410
Cloud Accounts: 34
Backup Services: 23
Public IPs: 70
Load Balancers: 6

HOD: Shri Sarat Dhara, Scientist-F
Other Officers: Shri Sandip Pramanik, Sc-D
SIO : Shri Atanu Das, DDG & SC-G

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Email:sio-wb@nic.in

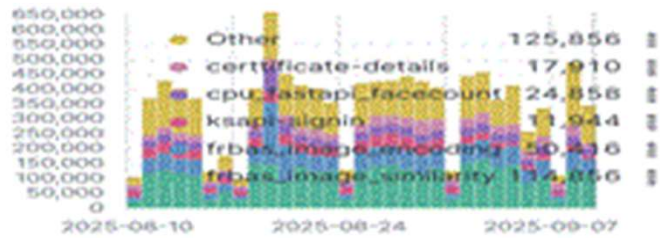


PROJECT NAME	PRISM ID	PROJECT URL
WB NAPIX Gateway & Analytics		

API Calls Received 14.58 crore since inception.
API calls for the month of January, 2026: 1.09 crore.

HIGHLIGHTS

- 110 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

Public Ips	4
Sandbox Forms	16
Products Published	50
APIs Published	110
API Calls	14.58 crore

STATISTICS

API Calls Received	14.58 crore
APIs Published (Production)	110+
Products Published (Production)	50
Sandbox Tenant Forms Received	16+
Public IPs Allocated	4 (3 Gateway + 1 Sandbox)

HOD: Shri Sarat Dhara, Scientist-F Other Officers: Shri Sandip Pramanik, Sc-D SIO : Shri Atanu Das, DDG & Sc-G	Email:sarat.dhara@nic.in Email:officer1.nicmdck-wb@nic.in Email:sio-wb@nic.in
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PROJECT NAME	PRISM ID	PROJECT URL
Unified DevSecOps Framework for Secure, Multi-Stack CI/CD Automation	4805	register-gitlab.wb.nic.in

HIGHLIGHTS

- 42 Groups have been onboarded using technology stack JavaScript,PHP,Python,Java,.Netcore
- 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.

HOD: Shri Sarat Dhara, Scientist-F

Other Officers: Shri Sandip Pramanik, Scientist-D
Smt. Shila Rani Sahoo, Scientist-D

SIO : Shri Atanu Das, DDG & Sc-G

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PROJECT NAME	PRISM ID	PROJECT URL
Inference Server- AI Inferencing		

Highlights

- Dedicated AI Inference Infrastructure deployed at NIC Kolkata Mini Data Centre
- 2 × GPU-based Inference Nodes (Tyrone Camarero SDI200C2G-424)
- 2 × Login Nodes (Tyrone Camarero SDI200A3N-212) for secure access and control
- Kubernetes-integrated platform for containerized inference workloads
- Optimized for AI/ML model serving and real-time inference
- Low-latency, high-throughput AI service delivery
- Dedicated GPU-powered inference layer
- Centralized and secure access through login nodes
- Designed for high availability and scalable operations



TECHNICAL STACK

AI Inference: 2 × Tyrone Camarero SDI200C2G-424 (NVIDIA L4)
 Login: 2 × Tyrone Camarero SDI200A3N-212
 Orchestration: Kubernetes
 OS: Ubuntu 24.04.3 LTS

STATISTICS

Total Servers: 4 (2 Inference, 2 Login)
 Compute CPUs: 8 × Intel® Xeon® Platinum
 GPUs: 8 × NVIDIA L4
 Total Memory: ~2 TB RAM
 Inference Storage: ~44 TB usable

HOD: Shri Sarat Dhara, Scientist-F

Email: sarat.dhara@nic.in

Other Officers: Shri Sandip Pramanik, Sc-D **Email: officer1.nicmdck-wb@nic.in**

SIO : Shri Atanu Das, DDG & SC-G

Email: sio-wb@nic.in

West Bengal District project

District:Murshidabad,January 2025

Murshidabad District website

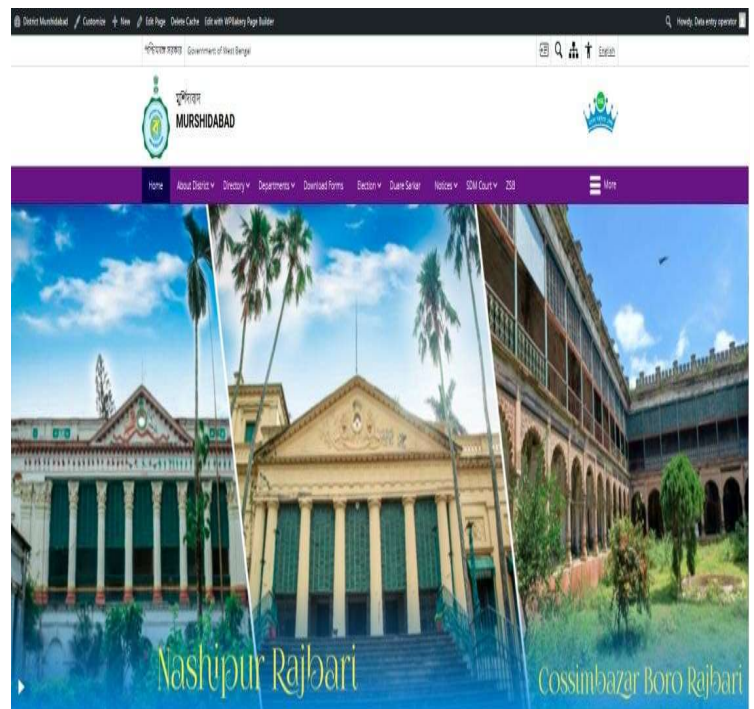
<https://murshidabad.gov.in>

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.
- Technical help for E-Prosecution, Vahan, Sarathi
- IRAD Technical Support for all stake holders.
- Emms Portal support.
- Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- E-office active in various departments with ongoing support.
- Technical help for field inspection app.
- It support of Circuit House.
- Technical support for SIR (Special Intensive Revision)
- DA Admin support and follow up for Admin creation
- Email migration support for district Officers.

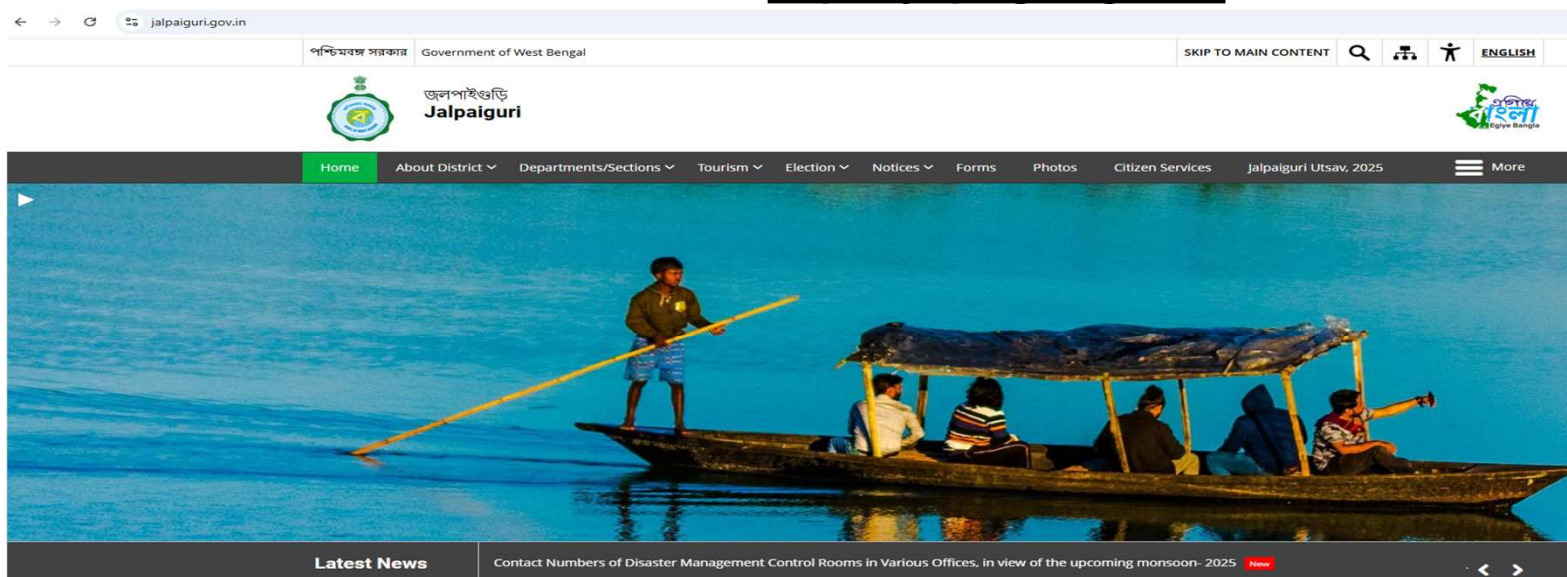


Murshidabad Map



West Bengal District project District :JALPAIGURI, JANUARY 2026

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



[District at a glance](#)

[Welcome to Jalpaiguri](#)

[DM Profile](#)

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.

District Informatics Officer (DIO) , ICT consultant and District level Coordinator of several Projects (G2G,G2C, G2E,G2B) across Sectors :-

Project :-

Impact :-

- ❖ iRAD/eDAR : 1905 accident cases captured till date.
- ❖ eProsecution : 15573 Court Cases Digitalized under this project.
- ❖ eOffice : Users : 430 Transactions : 54097
- ❖ Arms License Issuance System : approx. 1600 Gun License data digitalized.
- ❖ Vahan-Sarathi : 2800 DL & 3293 Vehicles registered in Jan,26.
- ❖ IVFRT : Indian & Foreigner data Arrival: 26587 , Exit:26709
- ❖ Jaybanga portal, Laxmir Bhandar Duare Sarkar Camps, Kanyashree : Lakhs of citizen getting services at their door step.
- ❖ Election Manpower Management System : **Office Reg., Verification and Emp Verified**

100%, 99% & 94%. Amongst the Toppers in the State.

(<https://emms.wb.gov.in>).

ERMO data processing and appointment letter generation i.c.w SIR 2026.

- ❖ eForms, eMails : Support to Users for profile update and Migration.
- ❖ Campus LAN : approx. 300 nodes are connected and network traffic is being transferred through our 1G NICNET Router as Primary Link.
LAN extended to a new section under DP&RDO Office.
- ❖ CAA Hearings : Applications 2500. Hearing Conducted approx. 600.
- ❖ Other eGov Projects CAA,OSCAR, OASIS, Mplads, GEM, eProcurement, Recruitment, Amader Para Amader Samadhan (APAS), VPN/DSC etc. **Karmayogi iGOT** capacity building Courses Completed.
- ❖ Video Conferences arranged : (Total : **42** during Jan, 2026)

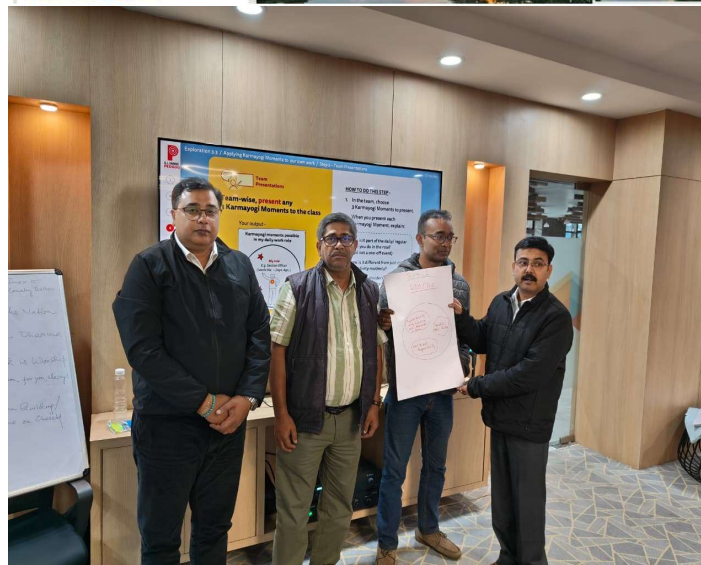
Training & Others :

- Went to Verify the Asset of NIC, Dakshin Dinajpur on 18th Jan, 2026.
- Written a Report on evolution of this Centre i.c.w **the Golden Jubilee of NIC, 2026.**
- Training imparted to stakeholders on Online Citizenship Portal <http://10.249.156.36>

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



DISTRICT AT A GLANCE Area: 3142 sq km Literacy Rate: 60.13% Villages: 1316 Police station: 09	TOURIST GUIDE How to reach Accommodation Tourist Places	FIND SERVICES Certificates Pay Bill Know your property License Agriculture	Social Security Tax Payment Social Welfare Know Your Caste Status
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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

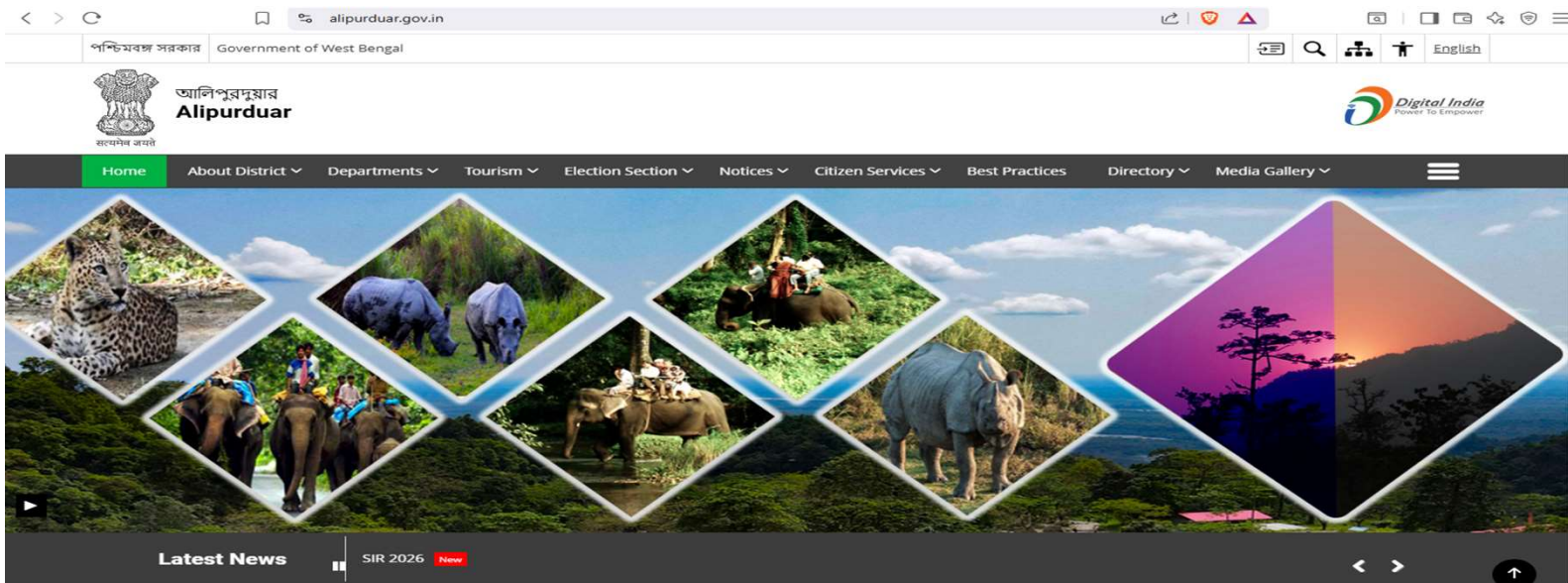
- Online Festival Permission (Service Plus) with training.
- District website (S3WAAS) updated, e-Office Technical Support.
- Support for GEM, e-Prosecution, eVahan, Sarathi, NDAL & ALIS, IRAD
- Flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree, APAS, Field inspections app.
- e-Tendering,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

Summary/Training

1. Regular user training conducted for new or modified modules.
2. Improved process flow explained to users.
3. Training conducted for DA Admin.
4. Completion of Vidyakosh TDP and MDP courses.
5. Training provided to block-level officials on EMMS.

West Bengal District project JANUARY 2025

District : ALIPURDUAR,
<https://alipurduar.gov.in/>



Alipurduar District website

Highlights

Alipurduar is home to a diverse range of ethnic communities, including the Rajbanshi, Dukpa, Bhutia, Tamang, Gurung, Lepcha, Sherpa, Bhujel, Kami, Damai, Mangar, Newar, Khas, Chettri, Sarki, Rabha, Mech, Santhal, Madasia, Bodo, Toto, and Oraon communities, among others. This cultural diversity adds to the rich tapestry of the district.

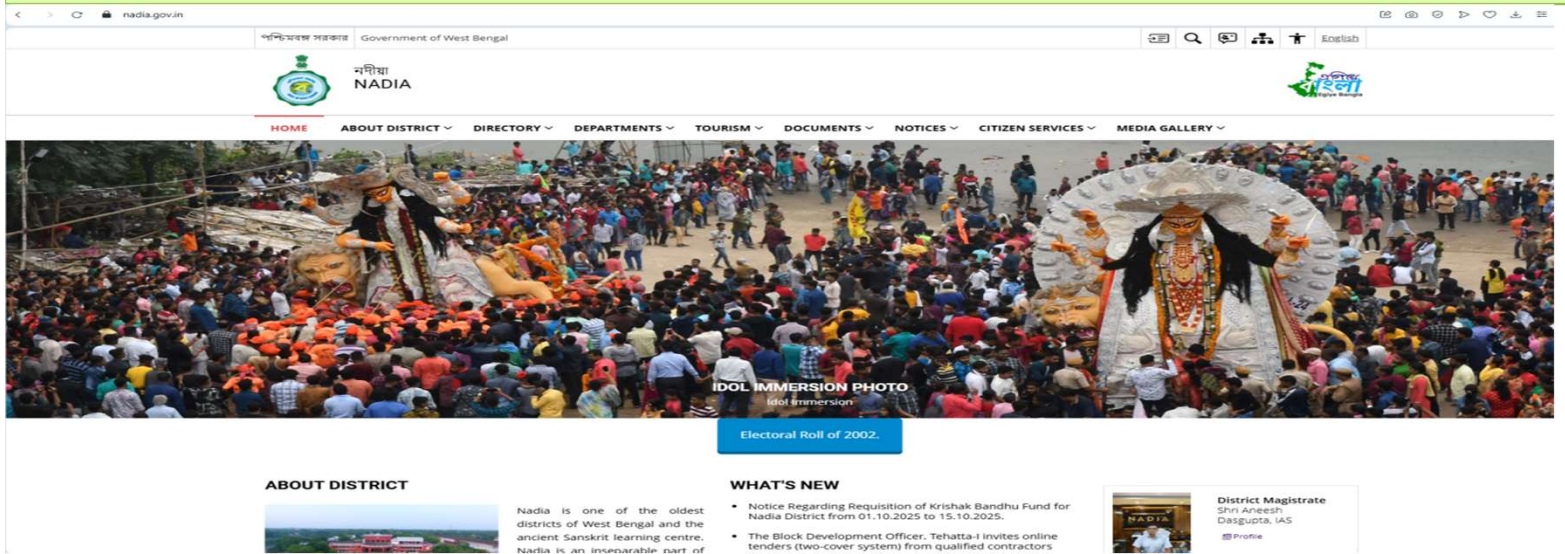
Geographically, Alipurduar is a landlocked district, bordered by Jalpaiguri to the west, Assam to the east, and Cooch Behar to the south. To the north, it shares an international border with Bhutan. The district's landscape is characterized by rivers, streams, hills, tea gardens, and forests. The major rivers flowing through the district include the Torsa, Raidak, Kaljani, Sankosh, Jayanti, Dima, Mujnai, and Gadadhar.

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:

Summary/Training

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



Nadia District

District Specific Activities

Managing the District Website (S3WAAS) content based on requests received from District Officials and various Departments.

Facilitating regular video conferencing, covering both general and election-related meetings. Generation of Micro Observer (MO) appointment letters for the ongoing SIR-2026.

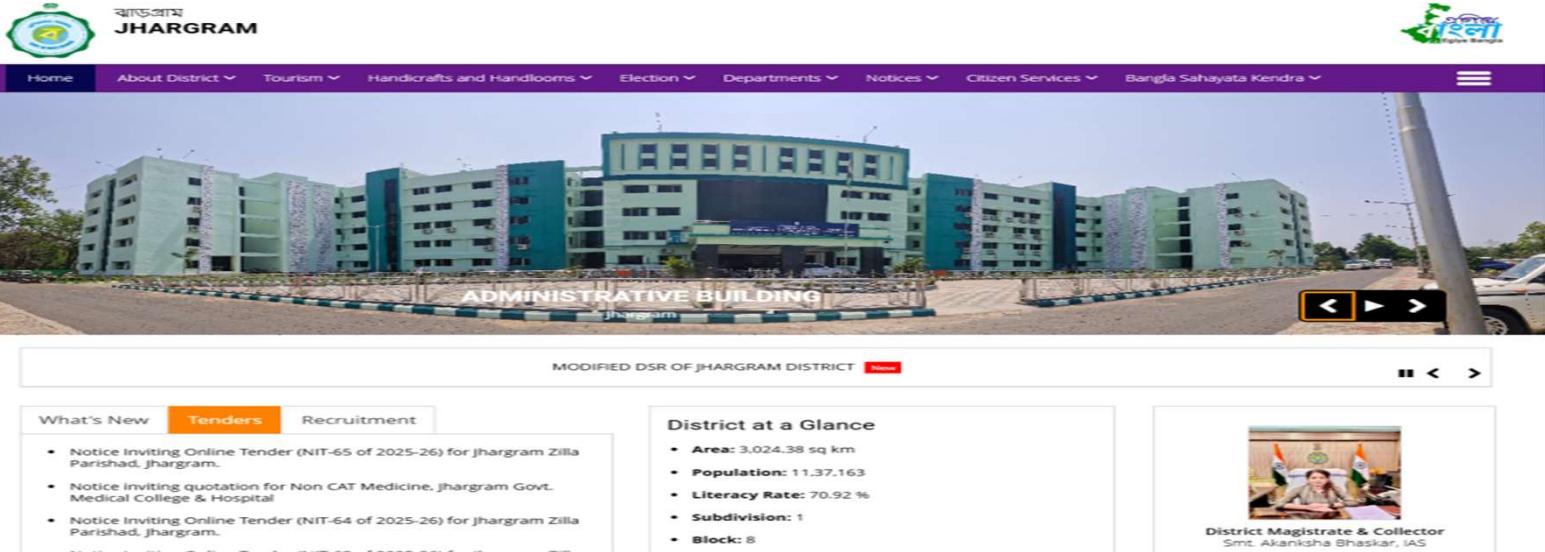
Coordinating with the OC–Polling Personnel for the operation of the EMMS 2.0 software for the upcoming election. Providing doubt-clearance and technical support for all election-related software queries. Conducting training sessions for all BDO and SDO offices on the use of the EMMS 2.0 software.

District NIC provided uninterrupted IT support, effective coordination, and timely deployment of equipment during the ASL activities and the Hon'ble Prime Minister's visit, including the provision of two Wi-Fi enabled computers and two multifunction printers (Fax/Print/Scan/Copy).

West Bengal District project 2025

District : Jhargram , January 2025

<https://jhargram.gov.in>



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.



Kolkata District

Highlights NIC service providing to District Administration:

The administrative structure of Kolkata is quite different from that of other districts in West Bengal, rather than as a conventional district with a typical district administration.

Within this administrative framework, the district-level responsibilities include providing end-to-end application support for major electoral processes, including the West Bengal General Elections to the Legislative Assembly and the Parliamentary Elections. Additionally, the work involves developing and maintaining the Kolkata district websites on the S3WAAS platform, as well as undertaking comprehensive project activities—such as planning, analysis, design, development, and testing—for various ICT initiatives implemented by both the State and Central governments.

District Specific Activities

• **TAIGA- Open Source Project Management Platform**

- Taiga has been integrated with the NIC-WB DevSecOps platform to support structured and efficient project management across teams. As an open-source agile project management tool, Taiga enables project teams to plan, track, and manage tasks, sprints, and backlogs using Agile methodologies such as Scrum and Kanban. This integration enhances collaboration between development and operations teams, improves visibility into project workflows, and streamlines monitoring of deliverables, thereby significantly improving productivity and timely execution of software development projects.

• **eAbgari - End-to-End Online Solution for Comprehensive Transformation of State Excise**

- An end-to-end online platform for the comprehensive transformation of the State Excise system is being already developed. Ongoing activities include the implementation of change requests in the Country Liquor and M&TP modules, integration of Object Storage across all project modules, and provision of necessary support for system stabilization. Final User Acceptance Testing (UAT) approval from the department remains in progress.

• **DevSecOps- Multi-Stack DevSecOps Platform as a Service for NIC, West Bengal**

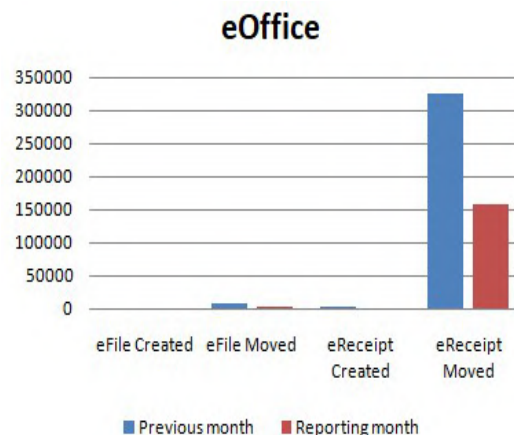
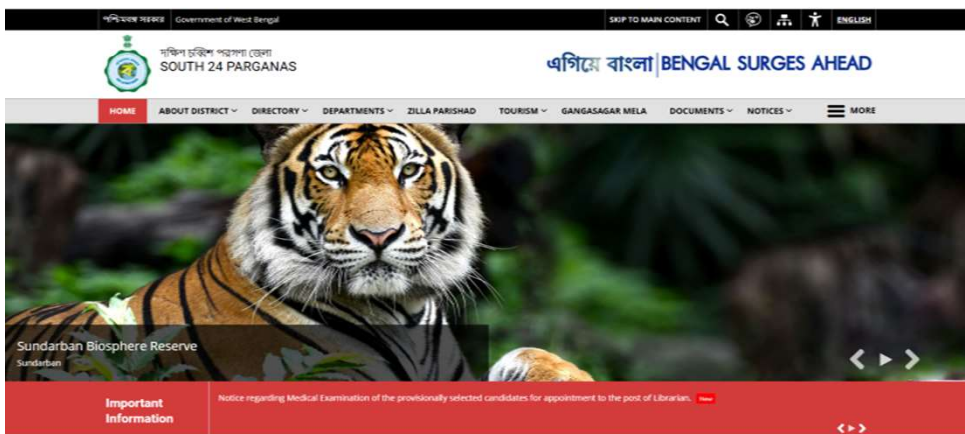
- Further onboarding of HODs, their teams, and projects onto the NIC-WB DevSecOps platform is ongoing and many projects have already been on boarded. Continuous support and handholding are being extended to enable initial deployments for UAT within the NIC-WB Mini Data Centre infrastructure.

• **CEMS – Candidates Expenditure Management System**

- All identified security gaps and vulnerabilities have been addressed. The security audit has been successfully completed, and the certification has been received from the audit team. User departments are currently working on the modalities for implementation.

• **ERMOs – Training & Deployment of Electoral Roll Micro Observers (ERMOs)**

- The multiphase generation of Training and Deployment Letters for Electoral Roll Micro Observers (ERMOs) for CEO office is being undertaken by Kolkata North District on a priority basis as an ongoing process in connection with SIR, or as and when notified by the CEO office. Also DA-Admin onboarding for new Zoho email platform is in progress for Kolkata North Election Office.



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 11 nos of Video Conference Session conducted through NIC VC setup
- 7) NICNET services provided to district administration with maximum bandwidth utilization more than 236 Mbps (in) / 105 Mbps (out).

Other Significant Activities

- 1) Involved in assisting district administration for preparation of RFP documents for various IT initiative regarding GS Mela- 2026.

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 January 2025

District : Paschim Medinipur,

<https://paschimmedinipur.gov.in>



Paschim Medinipur District website

Highlights

Paschim Medinipur district, commonly known as West Midnapore district, is a district in West Bengal, India, that was founded on January 1, 2002, after the Partition of Midnapore into Paschim Medinipur and Purba Medinipur. It is the second-largest district in the state in terms of geographical area (9,295.28 km²), after South 24-Parganas (9,960 km²). It is followed by South 24-Parganas (5.82 million) and Murshidabad (5.13 million) in terms of rural population (4.58 million). In 2011, it placed fourth in terms of tribal population percentage (14.87), after Jalpaiguri (18.87), Purulia (18.27), and Dakshin Dinajpur (16.12).

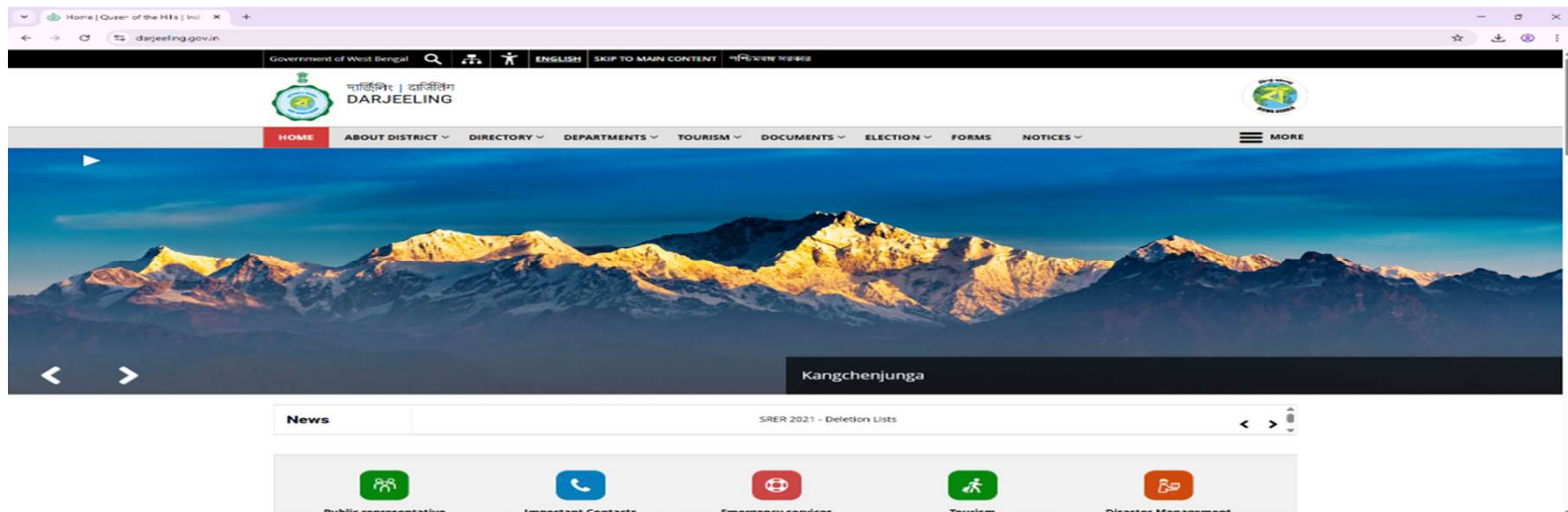
Apart from this, Paschim Medinipur district is recognized to have the maximum number of villages than any other popular districts. The 2011 census lists Paschim Medinipur as having an approx. of 8,694 villages, of which 7,600 are populated, and 1,094 are uninhabited.

District Specific Activities

- Official District Website regularly updated (S3WAAS).
- E-office active in 48 departments with ongoing support.
- IT support for admin review meetings provided.
- Technical help for E-Prosecution, Vahan, Sarathi.
- Support for flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- Technical support for OBC SC/ST certificate (OSCAR).
- Email Create/Update Technical Support.
- IRAD Technical Support
- VC Support

West Bengal District project District : DARJEELING, JANUARY 2026

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



Darjeeling District website

Highlights

Darjeeling District is the northernmost district of the state of West Bengal in eastern India in the foothills of the Himalayas, in the eastern Sivalik Hills. The district is famous for its hill station, Darjeeling tea and tourism. Darjeeling, Kurseong, Siliguri and Mirik, major towns in the district, are the subdivisional headquarters of the district. The district shares international borders with Nepal and Bangladesh. The economy of Darjeeling hill area depends on **tourism**, tea production, horticulture, agriculture and forestry.

District Specific Activities.

- Supported in EMMS related technical issues at field level.
- District Website updated regularly (S3WAAS).
- E-office support to users of District Administration.(along with Siliguri municipal corporation)
- Technical support for Email Creation/Update along with support for DA Admin Console.
- Provided consultancy & ICT Support to District Administration
- Active VC Support Given to DM Office for NIC VC, Bharat VC and others VC Platforms (Google Meet, Zoom, Webex etc.)
- Provided Support to GTA in e-Office and email related activity.
- Support for flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree etc.
- Support for e-Tendering & e-Auction systems.
- Given support to district for Election related activities/BLO etc.
- IRAD Technical Support and Trainings to Police Stations and other stakeholders.
- NICNET Support:
 1. 220 nodes at Office of the District Magistrate, Darjeeling
 2. Office of the Jalapahar Cantonment Board (Ministry of Defence, DGDE)
 3. Office of the Lebong Cantonment Board (Ministry of Defence, DGDE)

Contribution in State project: e-Panchayet Project (PRISM ID : 3661)

Enhanced UI-UX of e-Panchayet portal using DBIM Guidelines.

Summary/Training:

- Training regarding Employee updation and verification on EMMS Portal..