

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



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

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West Bengal Just-In-Time (WBJIT)



PRISM ID : 3848

Production URL : <https://ifms.wb.gov.in/jit>
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)
- Modules: User Management, WBJIT, JIT-Bill, JIT-Treasury, External Portal Integration, State JIT for Grant-in Aid fund. Development based on Micro service 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

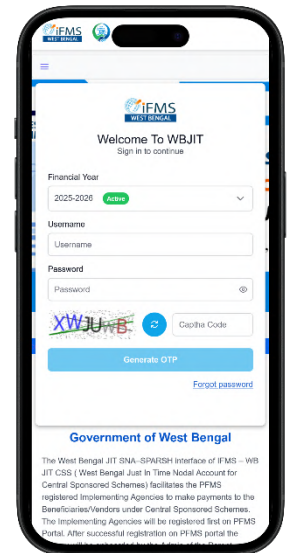
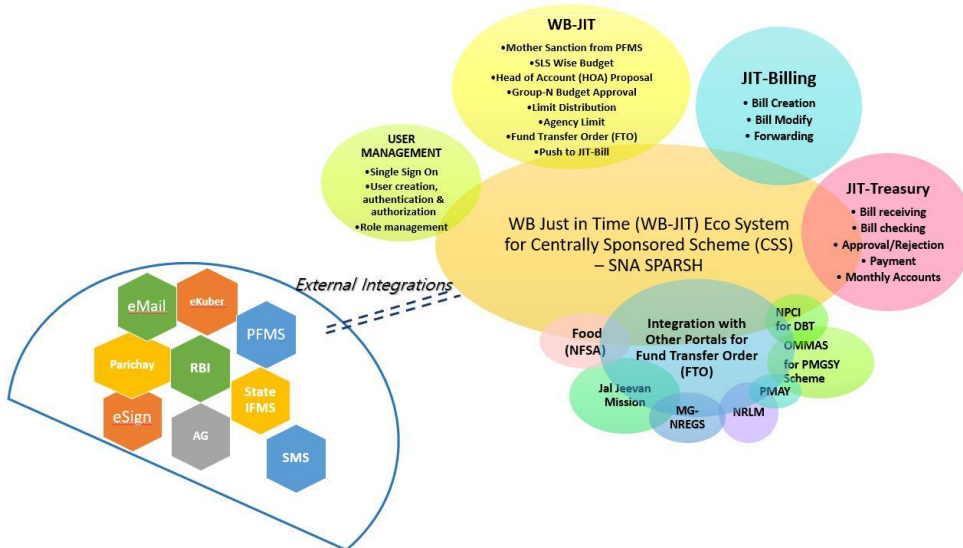


Technology Stack:



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

Database : PostgreSQL



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

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

Statistics: During March 2026, **FTO prepared : 81751, Amount : Rs 4179.36 Crores (Approx)**

HOD : Ashis Mukherjee, Scientist-F and ASIO
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HOG : Devashish Chanda, SIO
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PROJECT NAME	PRISM ID	PROJECT URL
Enhancement & Maintenance of NextGen Kanyashree Online 9.0 & NextGen Rupashree Online 3.0 and AI Enabled Services	4652	Production URL: https://wbkanyashree.gov.in Production URL: https://admin-kanyashree.wb.gov.in/ Production URL: https://rupashree.wb.gov.in/

NextGen Kanyashree Online 9.0

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 3.54 Crores unit have been enrolled under this programme throughout the state. Around 3.49 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: March, 2026

Enrolled Applications – 39,229
Sanctioned Applications – 24,771
Unique Beneficiaries – 11,112

Statistics: Since Inception (Oct 2013)

Enrolled Applications – 3.54 Crore
Sanctioned Applications – 3.49 Crore
Unique Beneficiaries – 98.75 Lakh

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SIO : Shri Devashish Chanda, Sc - F

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

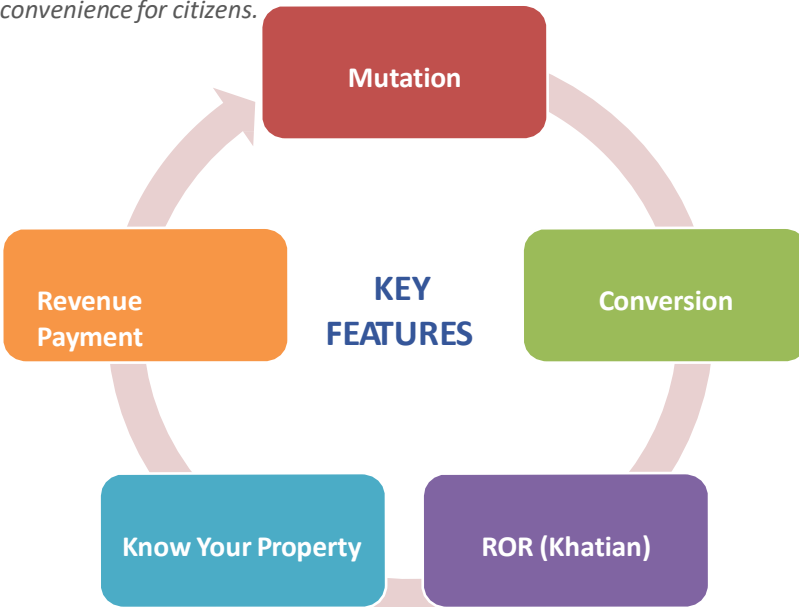
eBhuchitra is a centralized, server-based web application operating over MPLS/VPN with WBSWAN. It maintains comprehensive land records and manages key processes like Mutation, Conversion, Lease, Vesting, and Bargadar/Pattadar management. Integrated with the Registration system under DILRMP, it enables 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 Tothya mobile app further enhances accessibility by offering these e-Governance services on mobile devices, ensuring transparency and convenience for citizens.



G2C
G2G



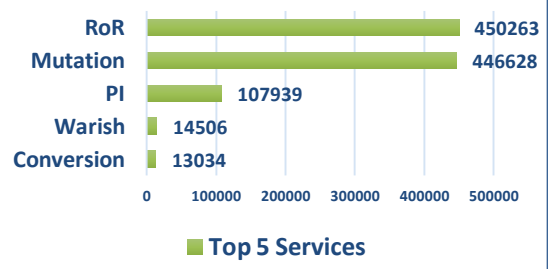
BENEFITS TO CITIZEN

“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



ANALYTICS FOR MARCH 2026



OTHER SERVICES

3527
NO DUE CERTIFICATE

2470
PLM

499
GRIEVANCE

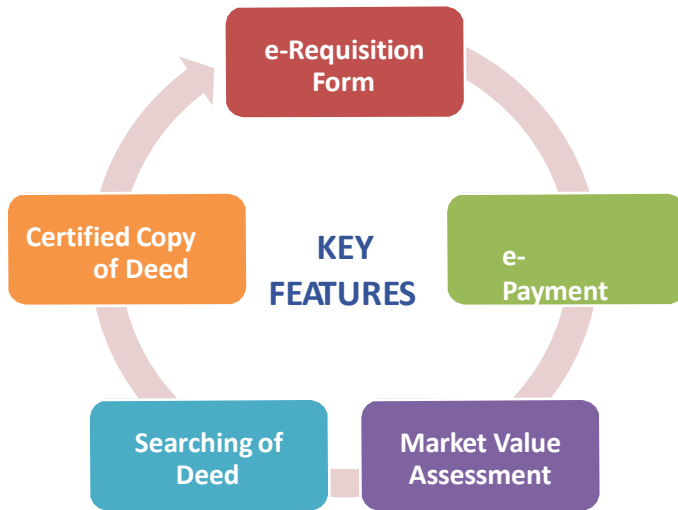


The e-Nathikaran system and the WbRegistration portal are key digital initiatives by the Directorate of Registration and Stamp Revenue (DoRSR), Government of West Bengal, aimed at modernizing the land and property registration process.

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.

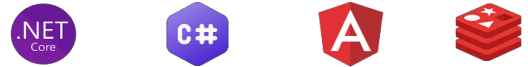
Together, these systems have enabled faster processing, secure storage, and better public access to land records, contributing significantly to e-Governance and service delivery in the state.



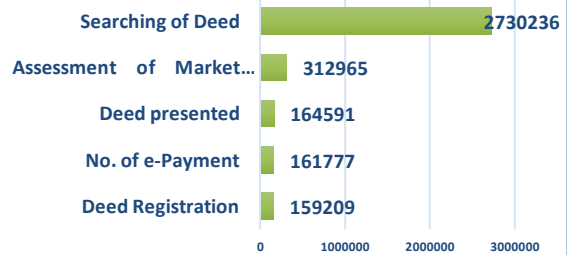
BENEFITS TO CITIZEN

“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



TOP 5 SERVICES FOR MARCH 2026



DEVELOPMENTS FOR MARCH 2026

- Pilot of Bulk Searching Feature
- API for Phase -II legacy deed transfer
- Completion of Face RD Audit.



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

HOD: Supratim Lodh
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SIO : Shri Devashish Chanda

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Election Projects (WBEMMS and WBCEMS)



PRISM ID : 3245 and 3247

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

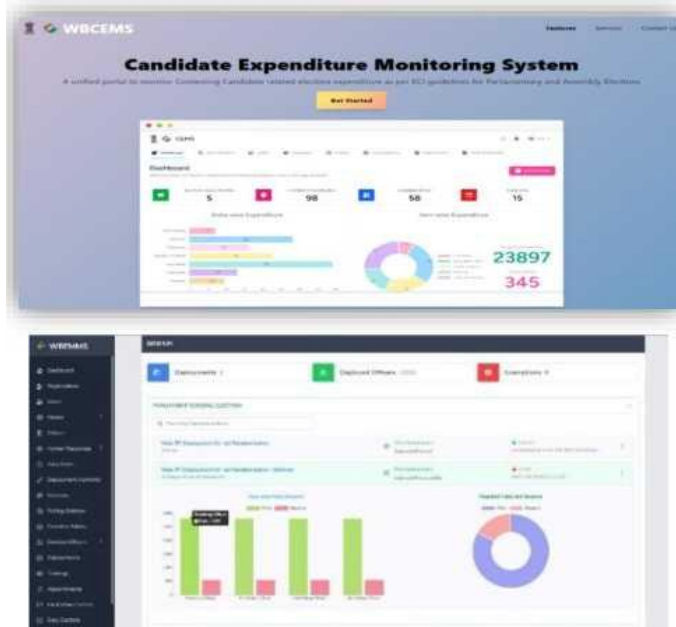
Highlights:

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 and in operational for General Assembly Election'2026. It was also successfully implemented during last Parliament Election'2024.

HOD : Ashis Mukherjee, Scientist-F and ASIO (email : shod5-wb@nic.in)
Other Officer : Saikat N. Bhattacharya, Sc-D , and Samik Bhattacharjee, Sc-D [email : sn.bhattacharjya@nic.in]

HOG : Devashish Chanda, SIO (email : sio-wb@nic.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 2.40 Crore** (approx.) 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 : 2.40 Crores (Approx) Amount Disbursed in last month : 3403.10 Cr.

Technology Stack :

Laravel ,Kafka Database : PostgreSQL

HOD : Ashis Mukherjee, Scientist-F and ASIO
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HOG : : Devashish Chanda, SIO
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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
- Toatl Approved Beneficiaries :82.06 Lakhs (Approx)
- Amount Disbursed in last month: Rs 755.79 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 : Devashish Chanda, SIO (email : sio-wb@nic.in)
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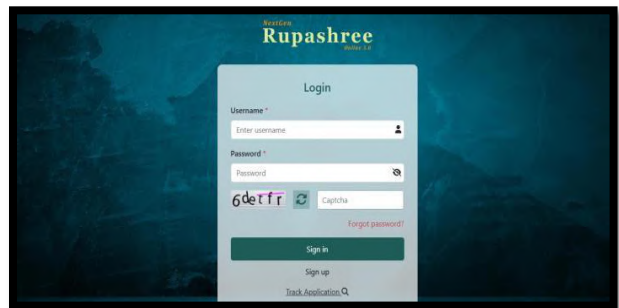


PROJECT NAME	PRISM ID	PROJECT URL
Enhancement & Maintenance of NextGen Kanyashree Online 9.0 & NextGen Rupashree Online 3.0 and AI Enabled Services	4652	Production URL: https://wbkanyashree.gov.in Production URL: https://admin-kanyashree.wb.gov.in/ Production URL: https://rupashree.wb.gov.in/

NextGen Rupashree Online 3.0

HIGHLIGHTS

“Rupashree Prakalpa” is a flagship programme of GoWB for economically stressed families to provide cash assistance of 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 – 22,13,831

Beneficiary – 22,884 (March, 2026)

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SIO : Shri Devashish Chanda, Sc - F

Email: sio-wb@nic.in

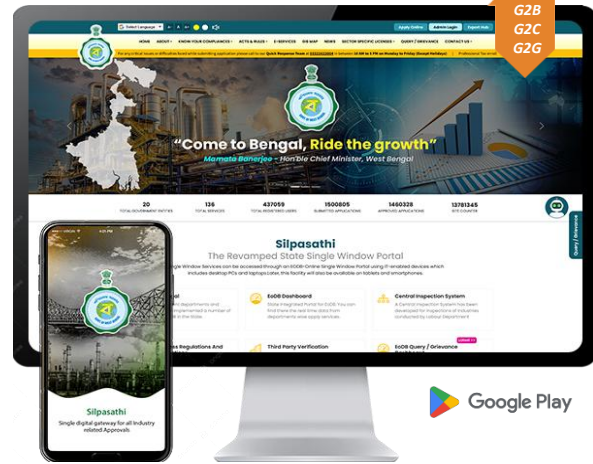
HIGHLIGHTS

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

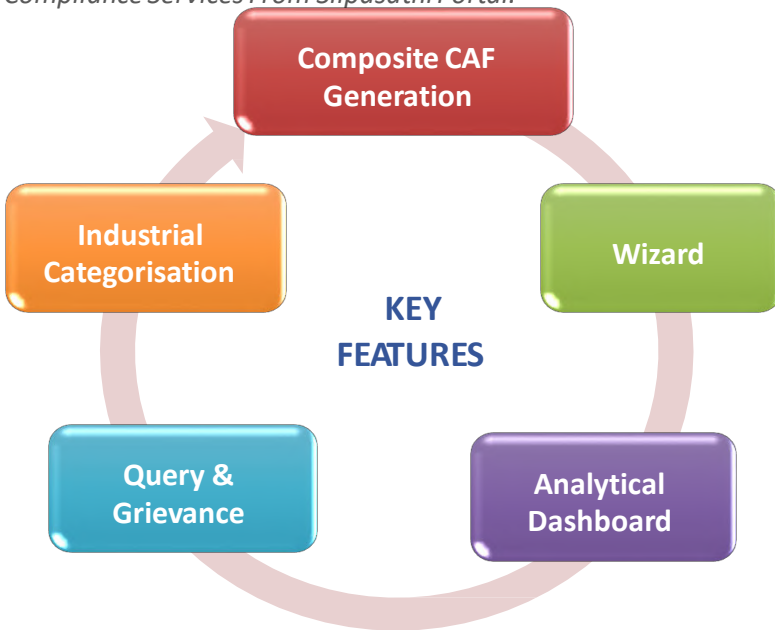
“Unified Single-Window Portal For Businesses to apply for approvals, licenses & clearances Without Physical Touch-Point”

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.

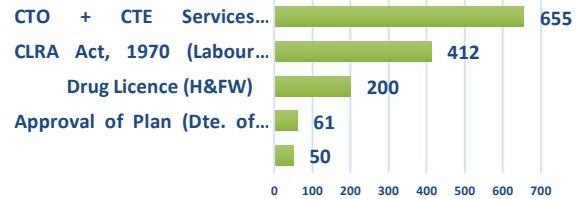
PRISM ID : 18818



TECHNOLOGY USED



TOP 5 SERVICES FOR MARCH 2026



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 ”

- 20+ GOVT. ENTITIES
- 144+ SERVICES
- 5.74 LAKHS+ REGISTERED USERS
- 126 CRORE+ TOTAL REVENUE GENERATED
- 2076913 TOTAL LICENSES DELIVERED
- 8296 GRIEVANCES ADDRESSED



Unified Project Management System (UPMS)

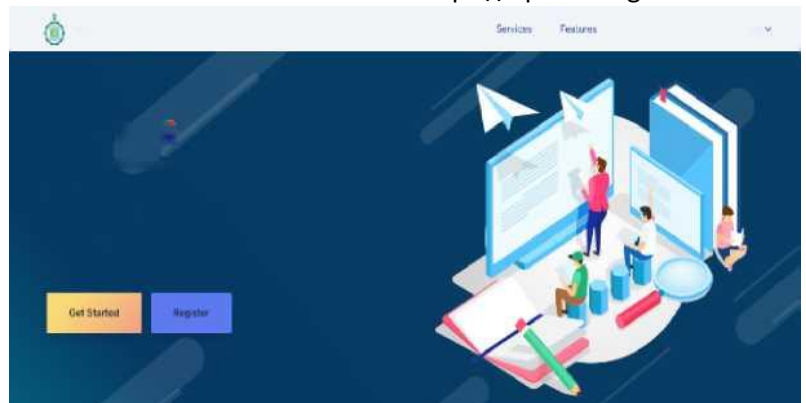


Highlights

PRISM ID : 3158

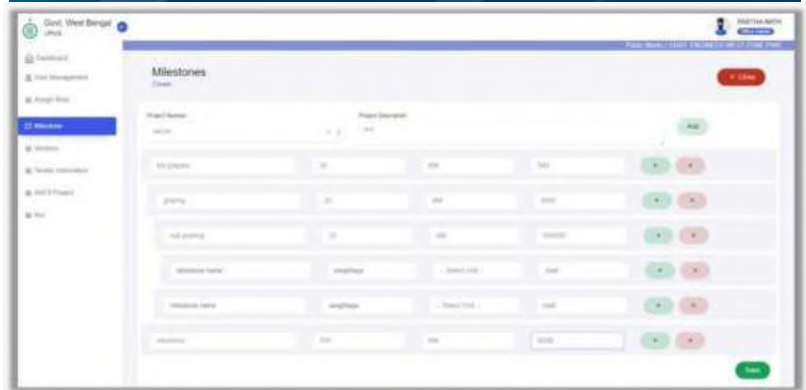
Production URL : <https://upms.wb.gov.in>

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 : : Devashish Chanda, SIO
(email : sio-wb@nic.in)



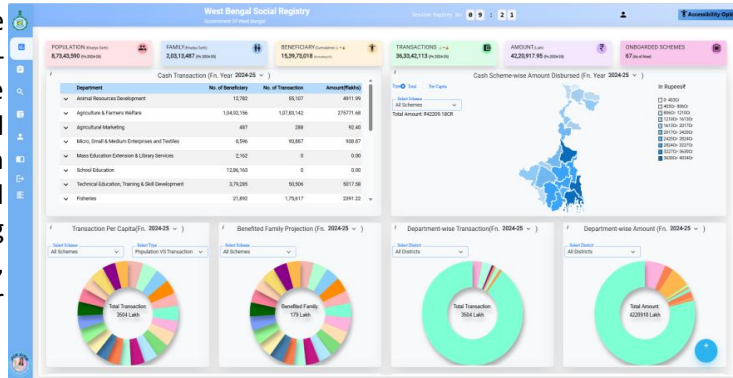
Highlights:

(Prism Id:20967)

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

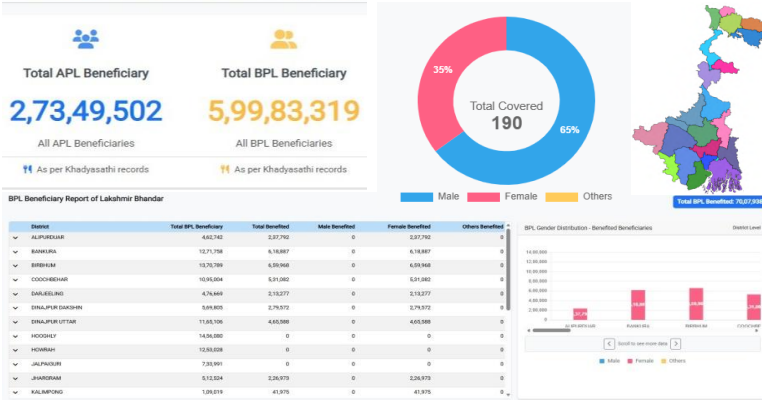
WBSRS is progressing with upcoming enhancements like beneficiary account verification, chatbot for scheme-related information, and expanded citizen welfare services. The Finance Department–managed West Bengal Social Registry System (WBSRS) continues to strengthen welfare delivery. The platform is currently 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)



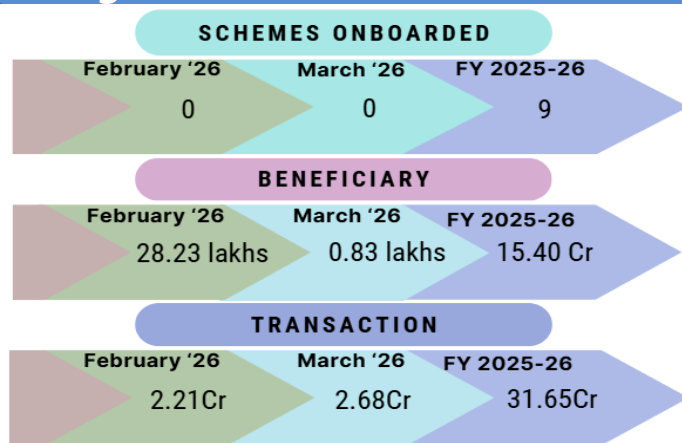
Key Features:

- Unified brochure of 135 schemes
- Chart-based monitoring with regular updates
- 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, APIs & Excel

Recent Activities:

- User Management Module Implementation:** Designed and implemented a new User Management module for Admin and DM roles
- DBT Enhancement using ELK Stack:** Enhanced DBT reporting by implementing the ELK Stack for improved data processing, log analysis, monitoring, and performance insights
- Home Page UI/UX Redesign:** Revamped the home page design and layout to improve usability, navigation flow, and overall user experience.
- Performance Optimization of Pending Reports:** Optimized left-out reports by addressing performance bottlenecks, resulting in faster data retrieval and improved reliability.
- User Maintenance Functionality Enhancement:** Implemented edit, update, and deactivate user features to strengthen access control, improve user lifecycle management, and enhance system security.

Usage Statistics



Technology Stack:



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 Project Coordinator: Shri Arnab Pal, Scientist-D
 SIO: Shri Devashish Chanda, Scientist-F & SIO

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 ✉: sio-wb@nic.gov.in



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.

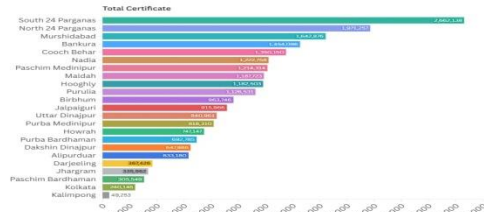
KEY FEATURES

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

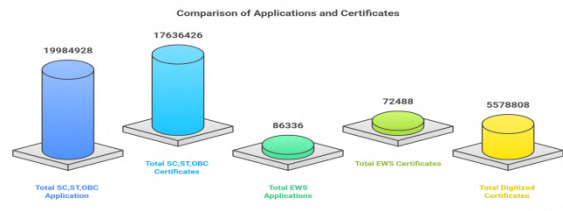
TECHNICAL STACK

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

GRAPH



STATISTICS



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Email: sio-wb@nic.in



सत्यमेव जयते



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
95551	83360	12191	337175	227736

Student-Classroom Ratio		Pupil-Teacher Ratio	
Primary (incl. PP)	Secondary	Primary (incl. PP)	Secondary
18	54	21	47

Enrolment and CWSN Enrolment		Functional Drinking water facility		
Enrolment	CWSN Enrolment	Total School	Having Water	Percentage
18543706	113258	95551	94123	98.51 %

NUMBER OF SCHOOLS			TOTAL TEACHER		TOTAL STUDENT	
95551			556413		18543706	
Boys	Girls	Others	Male	Female	Boys	Girls
919	2762	2943	310569	245844	9213175	9330531

Technical logos shown include: CSS, HTML, JS, PHP, Laravel, CodeIgniter, jQuery, PostgreSQL, Apache, and 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 Devashish Chanda, Scientist F

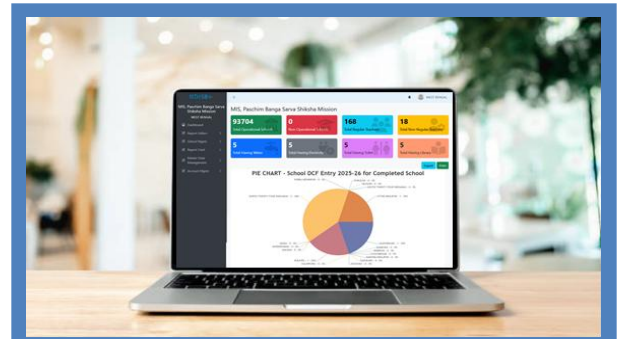
Email: sio-wb@nic.in

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

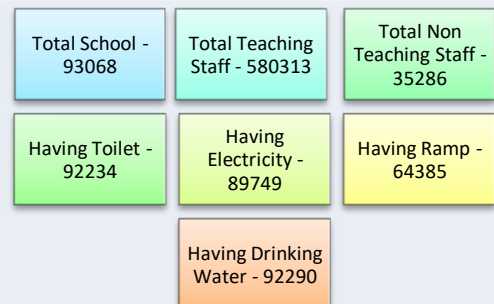
HIGHLIGHTS

The **Unified District Information System for Education Plus (UDISE+)** is a flagship Management Information System (MIS) implemented by the School Education Department under the 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 make evidence-based decisions and effectively monitor key performance indicators (KPIs).



- ✓ We are working on master data checking between the UDISE portal and the BSP portal to ensure data accuracy and consistency.
- ✓ We are tracking the approval process that is entered through Circle-level and District-level logins in the application.
- ✓ We are working on the development of the application using the Laravel framework to improve security and performance.



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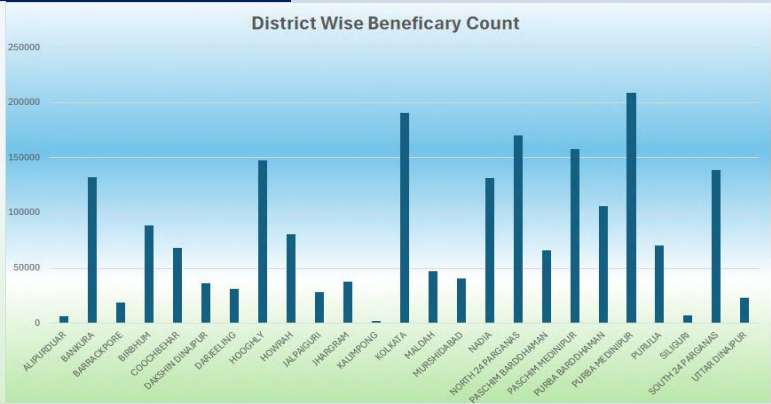
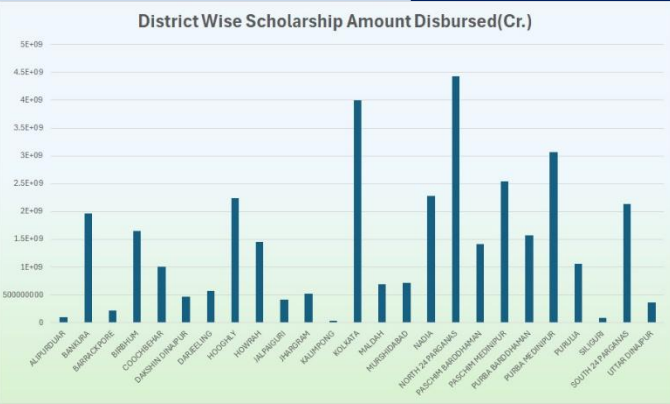
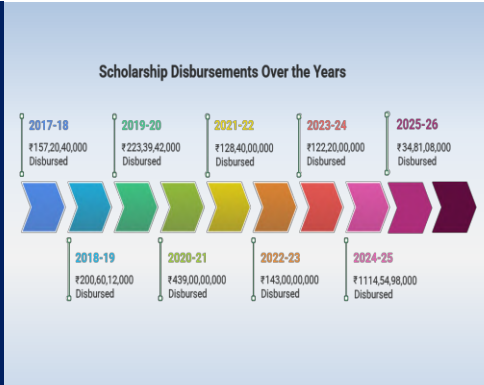
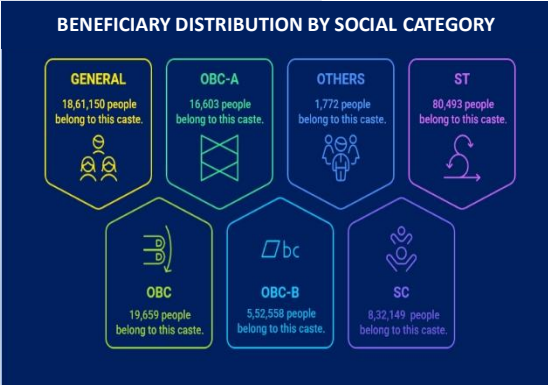
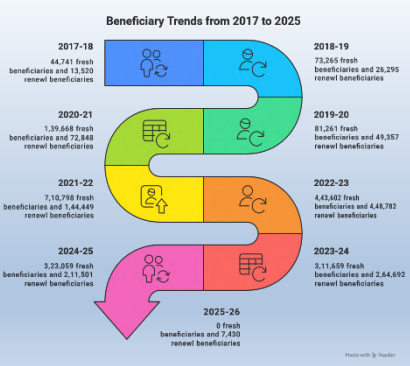
PROJECT NAME	PRISM ID	PROJECT URL
SWAMI VIVEKANANDA MERIT-CUM-MEANS SCHOLARSHIP	17937	https://svmcm.wb.gov.in/

HIGHLIGHTS

Swami Vivekananda Merit-cum-Means scholarship Scheme is introduced to provide scholarship to meritorious but poor students studying class XI/XII, UG, PG, M.Phil. or Ph.D. course in General Degree, Medical, Technical etc. category in the state of West Bengal. More than 31L students are benefitted since the inception of this web portal and more than Rs.5400 Cr are disbursed 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's a header with the Swami Vivekananda Merit-cum-Means Scholarship (V.2) logo and Government of West Bengal. Navigation links include Home, About, How To Apply, Downloads, Contacts, Webinars, and WB State Emergency Relief Fund. There are also links for Administrator Login, Screen Reader, and Registration. A prominent quote by Swami Vivekananda reads: "Education is the manifestation of the perfection already in the man." Below this, a flowchart shows the educational path from Higher Secondary Schools to Degree Engineering Colleges. The main content area features 'Welcome To SVMCM Portal', 'About SVMCM' (explaining the scheme and process), and 'Grievance Registration' (for reporting issues).

TECHNOLOGIES





HIGHLIGHT

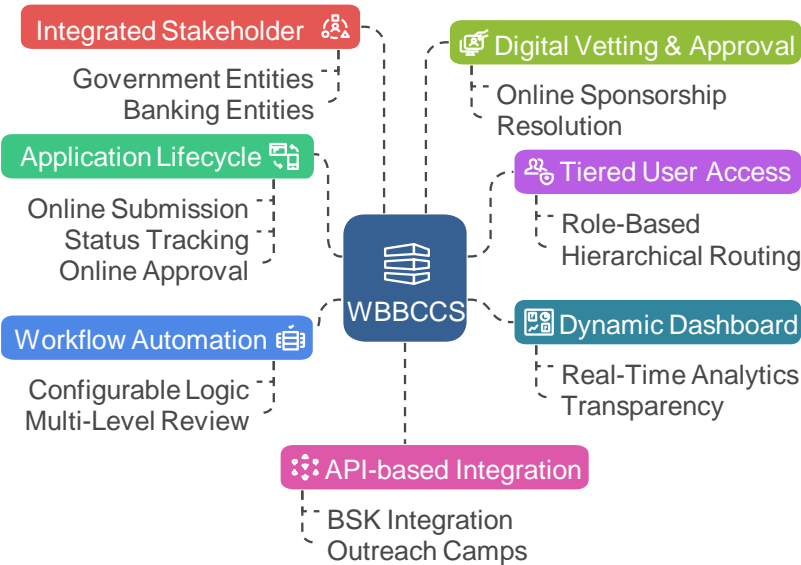
PRISM ID: 208122

bccs.wb.gov.in

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

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

Key Features



Benefits to Citizen

- 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.

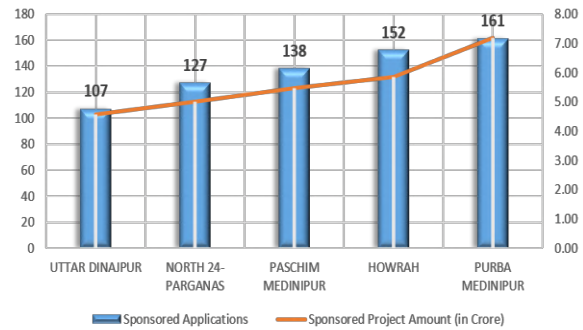


Technology Stack



Top 5 Districts – March 2026

(Sponsored Applications & Project Amount)



247149
TOTAL APPLICATIONS

52917
TOTAL SANCTIONED APPLICATIONS

₹ 1349.52 Cr.
TOTAL SANCTIONED AMOUNT

₹ 942.64 Cr.
TOTAL DISBURSED AMOUNT



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

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

Technology Stack:



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

HOD : Ashis Mukherjee, Scientist-F and ASIO
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HOG : Devashish Chanda, SIO
(email : sio-wb@nic.in)



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

HIGHLIGHTS

Streamlined Salary Processing: Automated payroll system directly integrated with the Integrated Financial Management System (IFMS).

Digital Service & Pension Records: Safe and accessible online storage of employment history and pension details.

Teacher Transfers & Pay Slip Access: Easy online transfer process with instant availability of pay slips.

Salary Increments: Timely and accurate application of salary revisions.

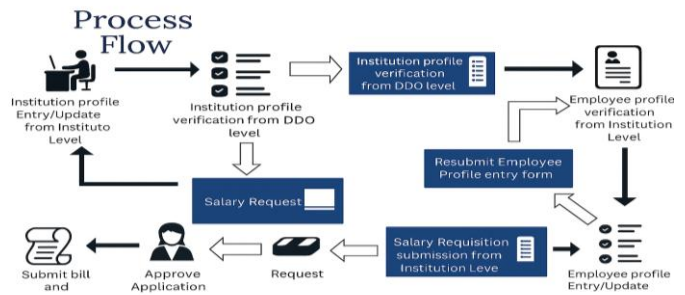
Online Income Tax Management: Convenient management of tax submissions and related activities.

Employee Profile Management: Secure and user-friendly updates of personal and professional records.

PROJECT DASHBOARD



PROCESS FLOW



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)**

TECHNICAL STACK



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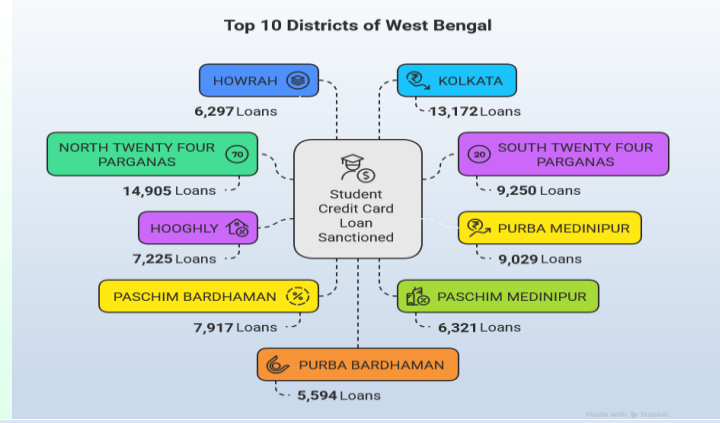
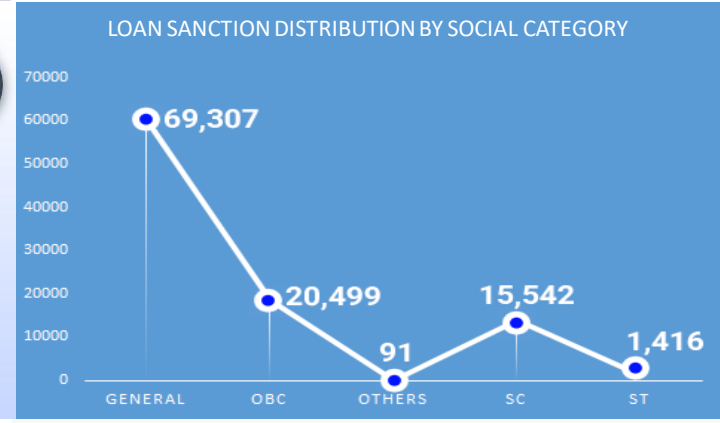
Email: sio-wb@nic.in



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].



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 SIO: Shri Devashish Chanda, Scientist F ✉: sio-wb@nic.in

<https://wb.nic.in>
 National Informatics Centre
 West Bengal State Centre



Highlights

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

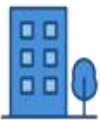
- The Department of Housing, West Bengal, manages 13,800 RHE flats across 23 districts.
- The e-Allotment portal streamlines the process from application to release of flats.
- Integrated with HRMS for secure authentication and accurate data fetching.
- Features include automated cancellations and QR-enabled 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

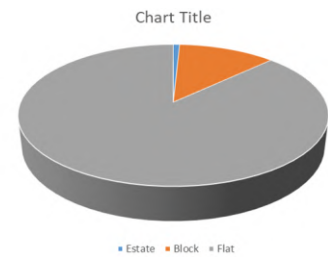


<https://rhe.wb.gov.in>

PRISM Id: 20968



Graphical representation (yearly/monthly increment)



Recent Activities

- ☑ Modifications in license extension process.
- ☑ Modifications in user-tagging process.
- ☑ Organized training session for sub-divisional and divisional assistant and executive engineers.
- ☑ Ongoing development of technology stack from Drupal 7 to Laravel 12.

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



Highlights:

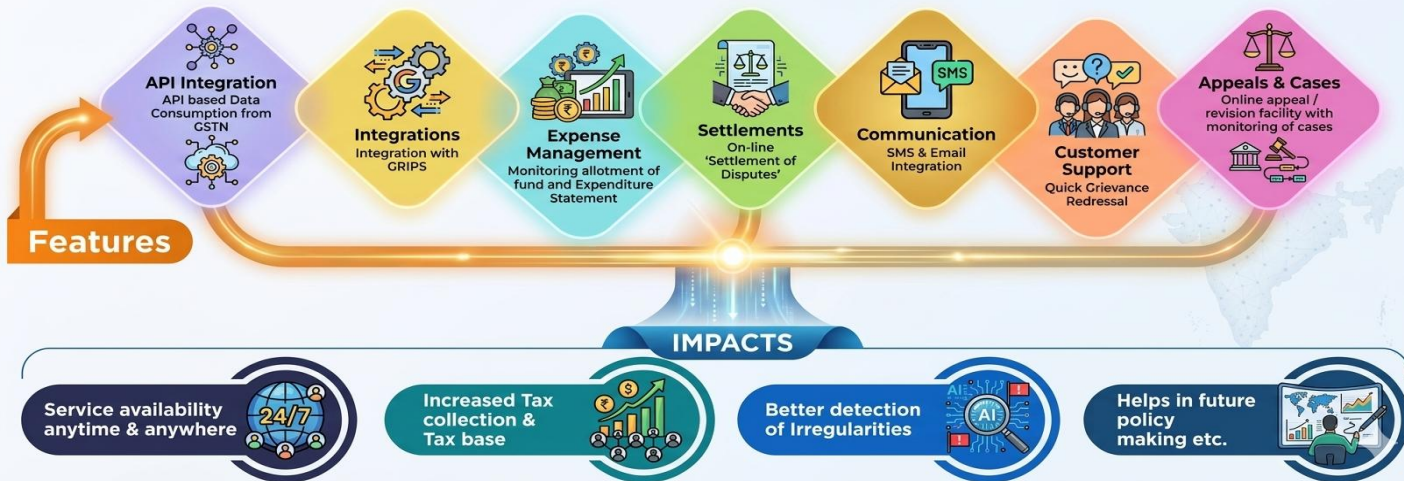
(Prism Id:)

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

Under the conceptual leadership and initiative of the Directorate of Commercial Taxes, a comprehensive end-to-end ICT solution has been established to provide transparent, efficient, and easily accessible services for good governance. This unified platform, which covers all business functionalities for West Bengal State Tax, Goods & Service Tax VAT, CST, and Entry Tax, was designed, developed, and continues to be maintained by NIC WBSC.



Key Features & Impacts:



Yearly Data (2024-25):

Active Taxpayers as on 31st March 2025

4,38,333

Total Revenue Collection during Financial Year 2024-2025

1,33,785 Cr

Usage Statistics

eFiling of Return (VAT, CST, WBST, Sales Tax Deducted at Source-STDS)	Statutory Forms (C, F, EI, EII, F)	Assessment
32	63	0
Tax Recovery	Appeals	Forms uploaded from outside states
0	10	25

Technology Stack:



HOD: Shri Sarajit Dey, Scientist-F
 Project Coordinator: Shri Sandip Kr. Pal, Scientist-D
 SIO: Shri Devashish Chanda, Scientist-F & SIO

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 ✉: officer2.fct-wb@nic.gov.in
 ✉: sio-wb@nic.gov.in



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

Highlights

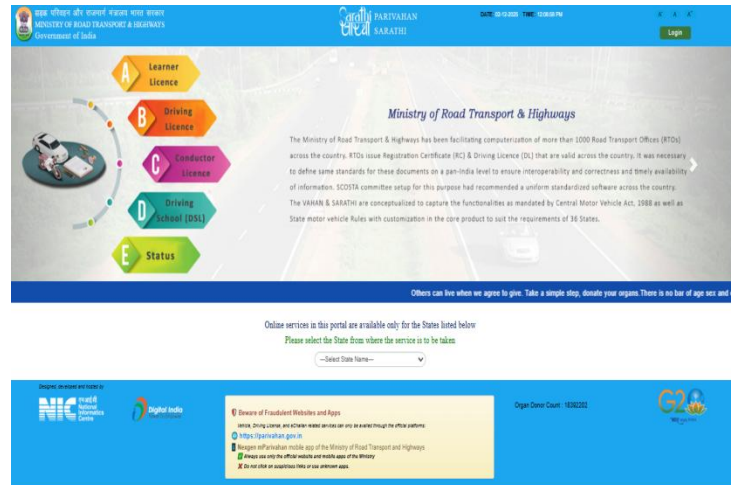
The SARATHI Project covers the core activities :

- 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:

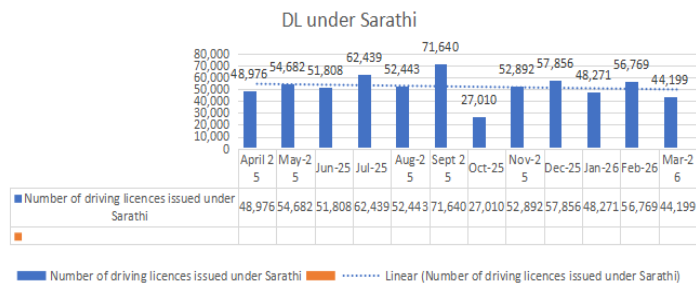
- ✓ All type of licence detail is available through web site and provide facility to verify from anywhere without visiting RTO/ARTO.
- ✓ As the portal is compatible for Work from Home, so citizen may apply from the comfort of his home.



Technical Stack

Centrally developed

Graph



Statistics

- ✓ No. of transactions (SARATHI) March’2026 :9,56,870
- ✓ No. of transactions (SARATHI) cumulative :4,13,97,318
- ✓ No. of DL issued (SARATHI) March2026 :56,769
- ✓ No. of DL issued (SARATHI) cumulative :1,01,49,725

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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 :

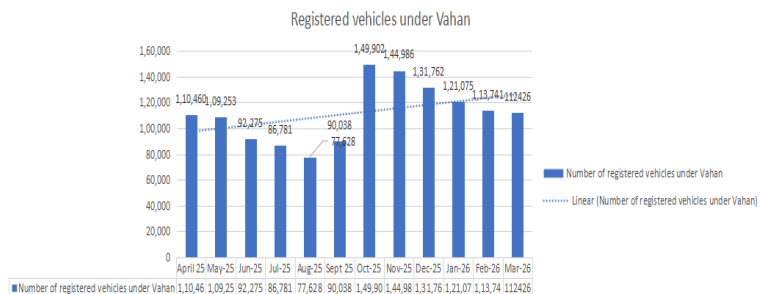
- VAHAN is a highly flexible and comprehensive system that takes care of all the burdensome activities of Vehicle Registration, leaving the Transport Department to deal with more important business issues. The software enables the processes at RTO/ARTO involving Vehicle Registration, Fitness, Taxes, 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.



Technical Stack

Centrally developed

Graph



Statistics

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.

- ✓ No. of transactions (VAHAN) March'2026 :4,22,855
- ✓ No. of transactions (VAHAN) cumulative :12,87,48,217
- ✓ Vehicle Registration (VAHAN) March'2026 :1,12,426
- ✓ Vehicle Registration (VAHAN) cumulative :1,83,64,848

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Tourism Department Website and Mobile App of Kalimpong Tourism

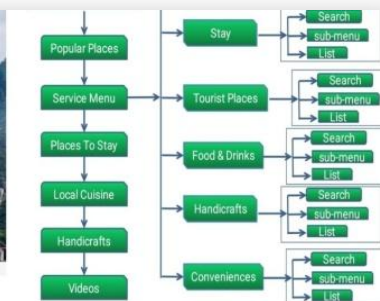


PRISM ID 3139

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

Highlights

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



Technology Stack:



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

Type of Application : G2G, and G2C

Achievement : Successfully development and implemented

HOD : Ashis Mukherjee, Scientist-F and ASIO
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HOG : Devashish Chanda, SIO
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सत्यमेव जयते



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

HIGHLIGHTS

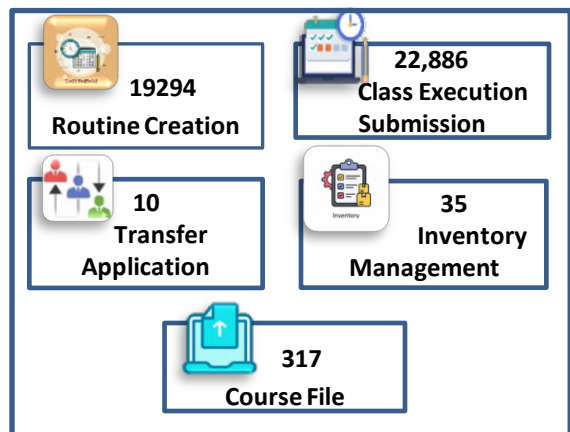
This is comprehensive portal for all Govt. Polytechnics under Dept of Technical Education, Training & Skill Development, Govt of West Bengal. It is one stop place for citizens, students, faculty and administration to find relevant information about Polytechnic Colleges of West Bengal. Various information 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

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.



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Email:sio-wb@nic.in



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

Highlights

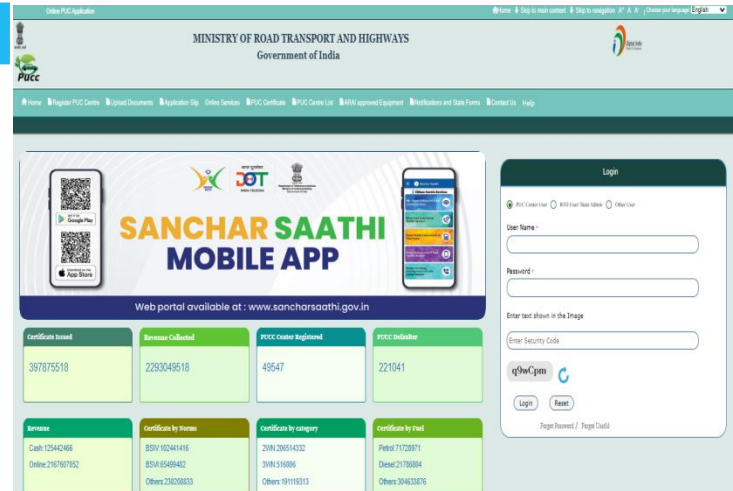
The PUCC Project covers the core activities :

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



Implementation / Benefits of Citizen:

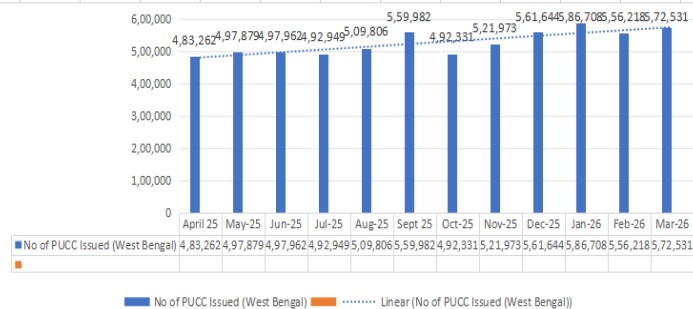
- Completely online certificate issuance process ensures compliance with current emission norms, data accuracy, transparency as well as efficiency.
- ✓ Citizen, and all other stakeholders' concerns have been incorporated in the system to make it more user-friendly and transparent.



Technical Stack



Graph



Statistics

- ✓ No. of PUCC issued (All India) March'2026 : 75,77,337
- ✓ No. of PUCC issued (All India) cumulative : 43,12,24,285
- ✓ No. of PUCC issued (West Bengal) March'2026 : 5,72,531
- ✓ No. of PUCC issued (West Bengal) cumulative : 3,37,65,498

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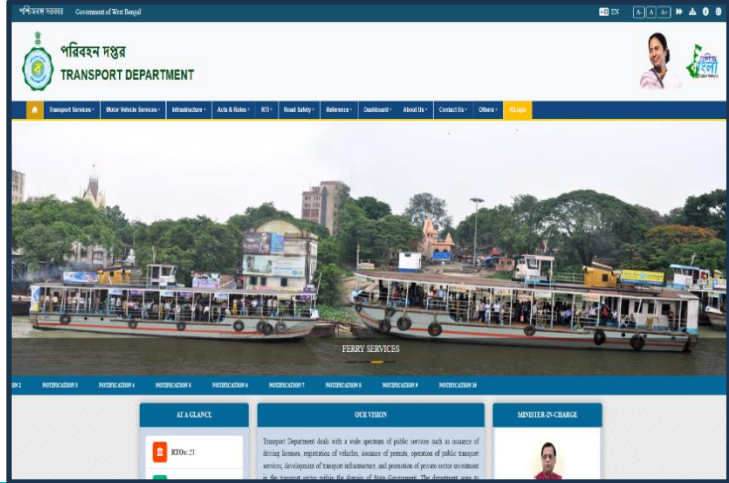
Email: sio-wb@nic.in

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
- GIGW Compliant Interface
- Demonstration to The Transport Department



Technical Stack

Laravel	Bootstrap	jQuery 3.6.0	PostgreSQL	Highchart	JavaScript

Graph

In development stage

Statistics

✓ In development stage

Implementation / Benefits of Citizen:

✓ In development stage

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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 e-challan portal.



Implementation / Benefits of Citizen:

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

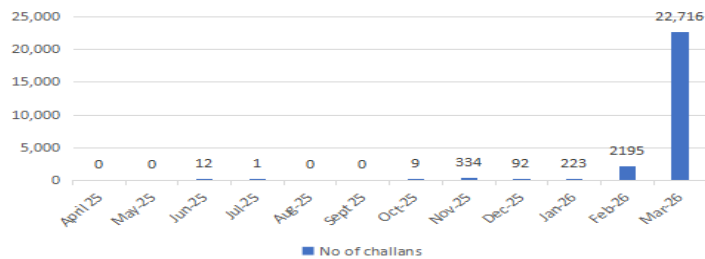


Technical Stack

Centrally developed

Graph

No of challans



Statistics

- ✓ No. of challans (e-Detection) March'2026 : 22,716
- ✓ No. of challans (e-Detection) cumulative : 25,695

Other Officers: Surath Mukherjee, Scientist D

Email: surath.mukherjee@nic.in

HoD: Manas Kumar Bhattacharya, Scientist F,

Email : shod10-wb@nic.in

SIO: Devasish Chandra, Scientist F

Email: sio-wb@nic.in

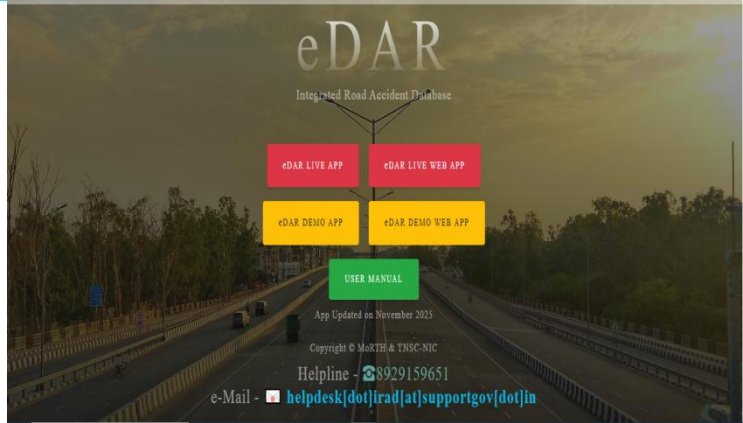
Project Name	Prism Id	Project URL
e-Transport (iRAD)		https://irad.parivahan.gov.in/

Highlights

The eDAR India App is LIVE in All the States/UTs and Users can enter the LIVE Accident Data using eDAR India Mobile/Web App.

The iRAD Project covers the core activities :

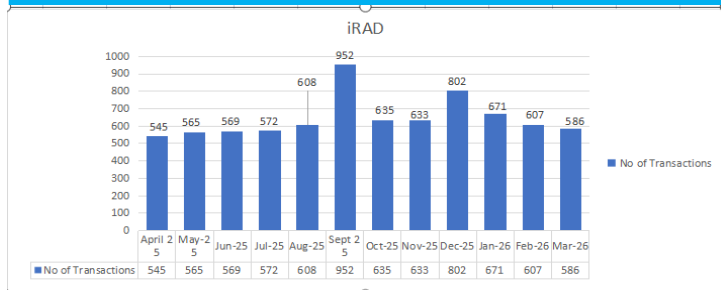
- The Integrated Road Accident Database (iRAD) Project is an initiative of the Ministry of Road Transport and Highways (MoRTH), Government of India. The purpose of iRAD project is to provide mechanism to collect and analyse road accident data from all over West Bengal State to understand the causal factors 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.



Technical Stack

Centrally Developed

Graph



Statistics

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.

- ✓ No. of accidents recorded March'2026 : 586
- ✓ No. of accidents cumulative :19,313

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

Highlights

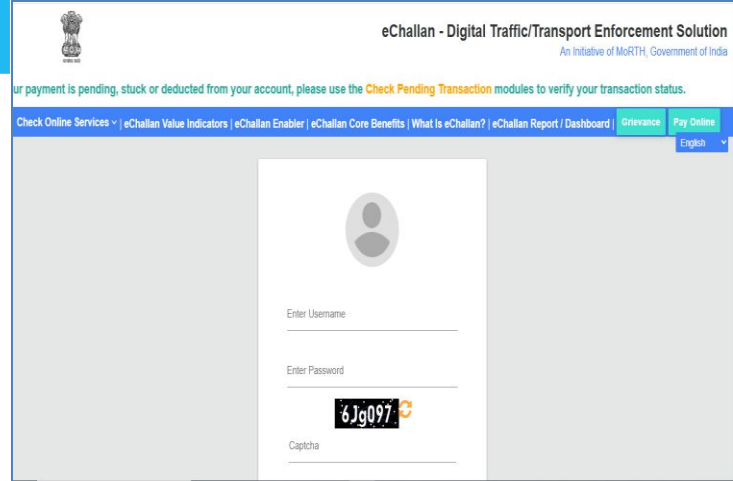
The e-Challan Project covers the core activities :

- 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.



Implementation / Benefits of Citizen:

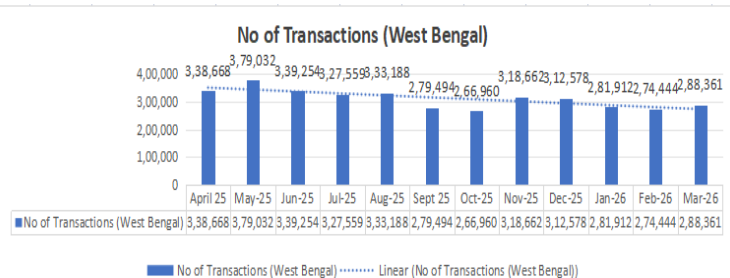
- This is an end-to-end automated system with digital interface for all the stakeholders in purview of challan eco-system. The application offers customized interfaces for the following stakeholders:
- Connecting all the stakeholders through a common system will ensure data integrity, reliability and transparency.



Technical Stack



Graph



Statistics

- ✓ No. of e-Challans March'2026 (All India) :77,38,437
- ✓ No. of e-Challans cumulative (All India) : 37,87,79,294
- ✓ No. of e-Challans March'2026 (West Bengal) :2,88,361
- ✓ No. of e-Challans cumulative (West Bengal) : 1,08,64,170

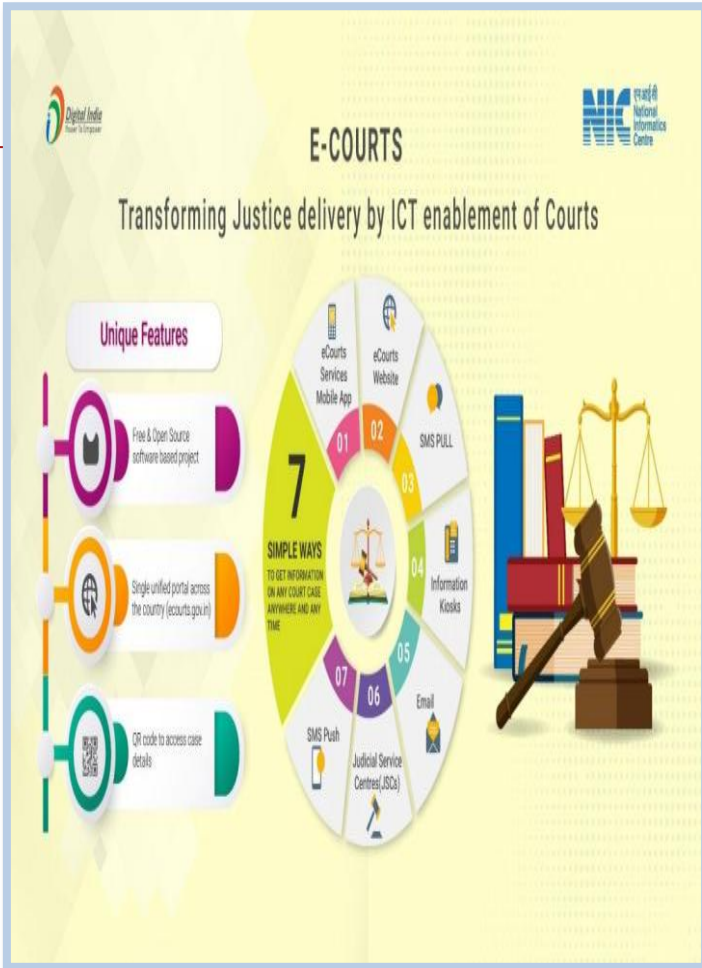


National Projects Implemented in WB E-COURTS

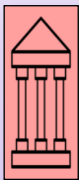


Objective

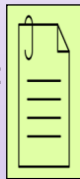
- To develop, install and implement decision support system in courts
- To automate judicial processes to provide transparency in accessibility of information to its stakeholders
- To enhance judicial productivity both qualitatively and quantitatively
- To make justice delivery system affordable, accessible, 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): **10340083**



Court Establishments: **277**



Orders: **15072638**

High Court at Calcutta

Bench	Institution (in March 2026)	Disposal (in Mar. 2026)
Principal Bench , Original Side	408	322
Principal Bench , Appellate Side	2499	3973
Circuit Bench at Jalpaiguri	430	703
Circuit Bench at Port Blair	126	125

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

HIGHLIGHTS

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

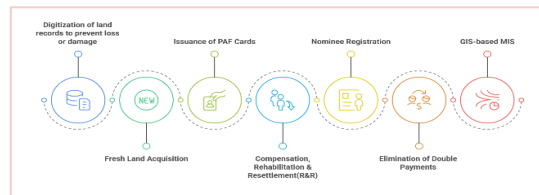
The portal aims to simplify the land acquisition process and establish a transparent and accountable digital platform.

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

It helps to visualize the information using interactive GIS maps.

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

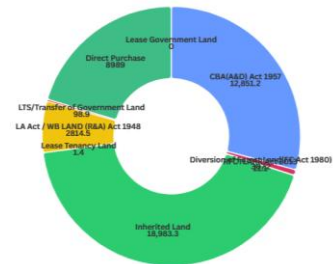
KEY FEATURES



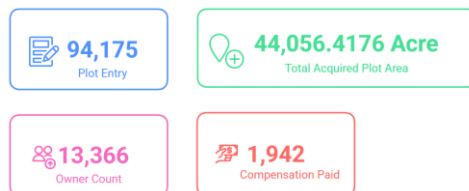
TECHNICAL STACK

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

Acquisition Mode-wise Area Acquired



STATISTICS



HOD: Shri Uditendu Sarkar, Scientist-F
SIO : Shri Devashish Chanda

Email: uditendu.sarkar@nic.in
Email: sio-wb@nic.in

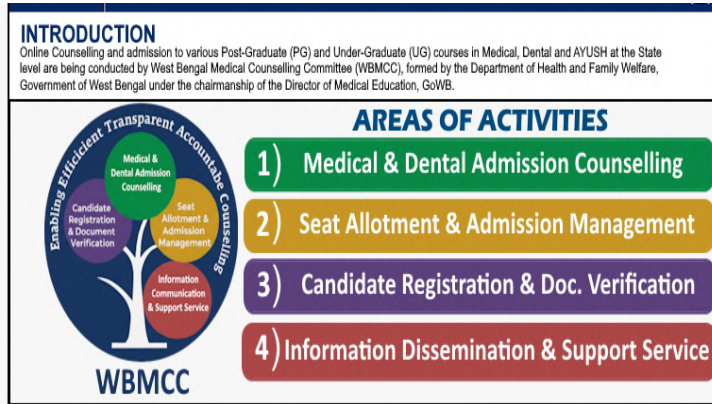
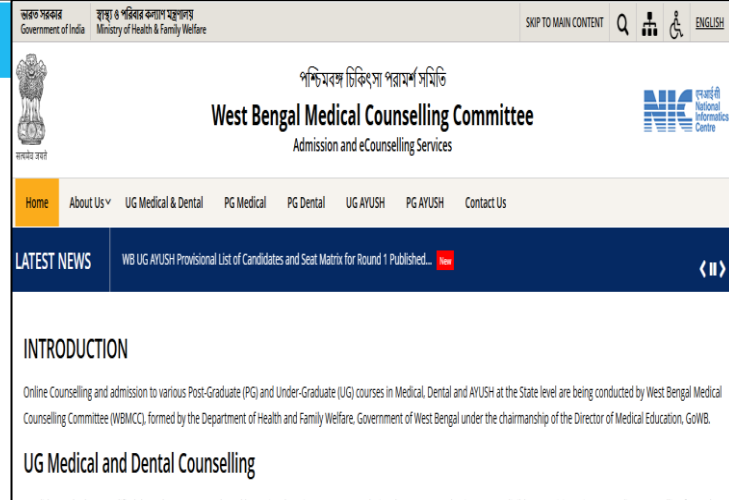


Project Name	Prism Id	Project URL
Medical Counselling (West Bengal)	PG Medical & Dental UG Medical Dental & Ayush PG Ayush	Prism ID: 2884 Prism ID: 3601 Prism ID: 3130

Highlights

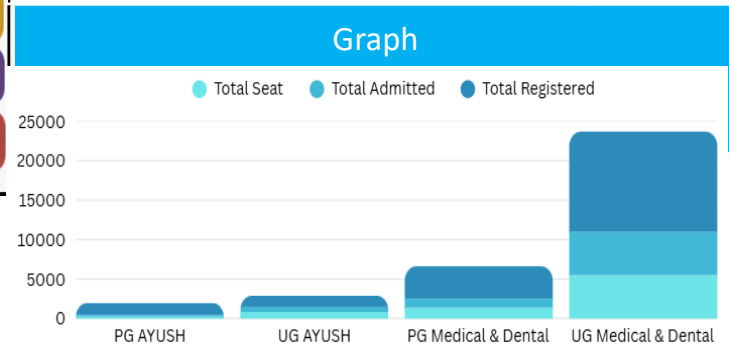
The Counselling Project covers the core activities of WBMCC:

- 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.



Technical Stack

- ASP.NET
- Sql Server
- IIS 8.0
- AJAX
- Java Script
- Gitlab



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.

- ### Statistics
- ✓ No. of Counselling Projects: 5
 - ✓ Total Seats : 8,602
 - ✓ Total candidates : 27.44 Lakhs
 - ✓ Total Registered Candidates: 21,568
 - ✓ Total Revenue: 4.14Cr.
 - ✓ Total Admitted: 8,322



Web Application of the Department of Power

The Department of Power, Govt. of West Bengal



Highlights

"Empowering the people, energizing the state."

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

Key features

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

Statistical Figures/Integrations

1972 – Department of Power established

1.8 Crore+ Consumers across West Bengal

4 Major Utilities – WBSEDCL, WBSETCL, WBPDCCL & CEI

100 MW+ renewable energy projects under implementation

Statewide ERP & IT systems improving efficiency

Technology Used



Awards and achievements

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

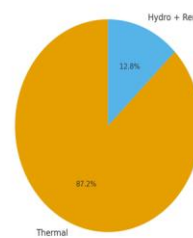
<https://wbpower.gov.in/>

PRISM Id: 21204

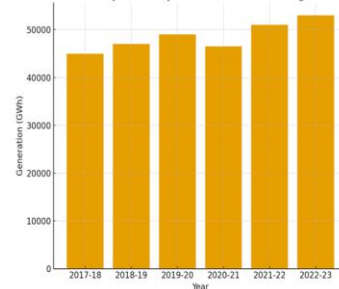


Graphical representation (yearly/monthly increment)

Installed Power Capacity in West Bengal (2024)



Yearly Electricity Generation in West Bengal



Recent Activities

- ☑ The second-level audit report for revamping has been completed.
- ☑ Login lockout and audit logging have been added to this portal.

Summary/Training

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

Different Modules in the System



HOD : Kowshik Kumar Chowdhury, Sc-F
SIO : Devashish Chanda, Sc-F

E-mail : kowshik.chowdhury@nic.gov.in
E-mail : sio-wb@nic.gov.in

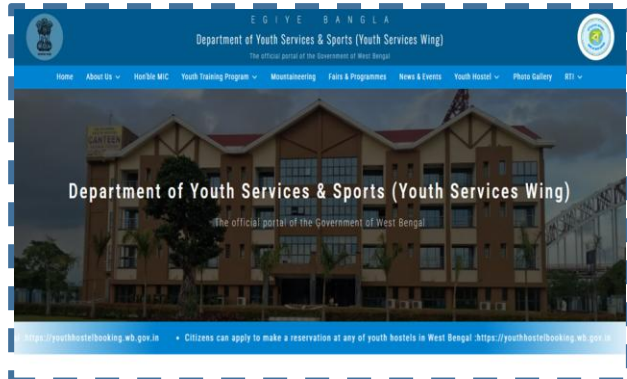


Highlights



<https://sportsandyouth.wb.gov.in> PRISM Id: 21226

"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

- Email triggering issue fixed - introduced postfix and other changes to solve
- WB Sports pre-election website update.
- WB Services pre-election website update.

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 : Kowshik Kumar Chowdhury, Sc-F
SIO : Devashish Chanda, Sc-F

E-mail : kowshik.chowdhury@nic.gov.in
E-mail : sio-wb@nic.gov.in

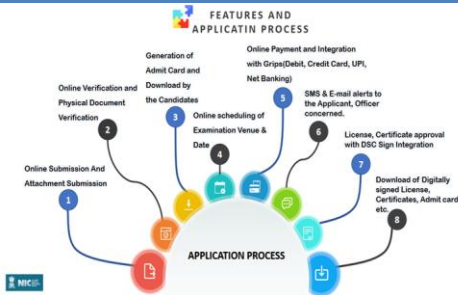
Highlights

"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

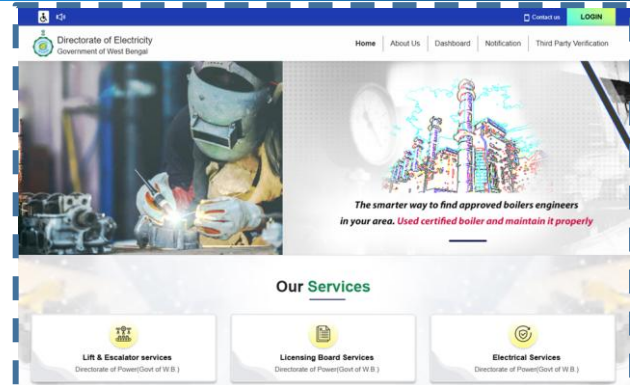
Technology Used

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



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

PRISM Id: 21203



Graphical representation (yearly/monthly increment)



Recent Activities

- Working on Maintenance of Lift services.
- Modification in workman services.
- Application sifting to the new version of workman service.

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

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

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

Key features



Beneficiary Registration & Log-in



Multi-Role User Management



Claim Submission



Back for correction & Registration details Updating



Workflow and Verification



Recommendation



Dashboard & Monitoring



Certificate Generation



Reports & Analytics

Technology Used



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

PRISM Id: 21211



Recent Activities

- Developed a new Backlog Claims Entry module to facilitate entry of pending/previous claims in the system.
- Implemented two modes of data entry:
 - Manual Form Entry – Users can input individual backlog claim details through a structured form interface.
 - Bulk Excel Upload – Users can upload multiple backlog claims at once using a predefined Excel format.
- Designed and implemented comprehensive validation mechanisms for both entry modes to ensure data accuracy and consistency.
- For bulk upload functionality:
 - Provided a downloadable Excel template with predefined structure and headers.

Summary/Training

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

Different Modules in the System



Registration & Login



Claim



SLPC



News Post



Report



Official Creation & Updation



Role wise Action

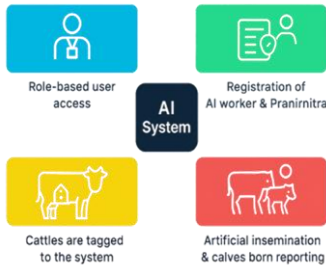


Highlights

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

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

Key features



Statistical Figures/Integrations

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

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

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



Technology Used

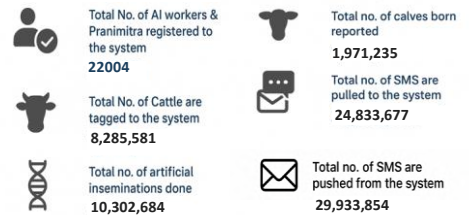


<https://pbgbsbs.gov.in>

PRISM Id: 21228



Graphical representation (yearly/monthly increment)



Recent Activities

- Prepared and uploaded beneficiary and transaction reports for five schemes to the Social Registry portal (Session 2025-26, up to February 2026).
- Fixed and implemented the new layout on the frontend website using Bootstrap for improved responsiveness.
- Developed and integrated a custom template page for the frontend website (GBML page) and backend; created a new GBML user role and user; and enabled access to inventory management modules (FSS & Cryo Accessories).
- Optimized the codebase by removing unused CSS and JavaScript files and consolidating initialization logic into a single common module.
- Enhanced the Cryo Accessories Module by adding reports including Stock Distribution, Stock Received History, Stock Activity, and Stock Balance (as on date) for all user levels.
- Updated the FSS Module by adding and modifying district and block-level reports, including Block Stock Distribution, Block Bull Received History, District Stock Distribution, and District FSS Received History.
- Implemented additional modifications and filtering features in both the FSS and Cryo Accessories modules.
- Resolved issues logged in the support ticket system and performed necessary backend data corrections.
- Prepared departmental reports and completed other assigned official tasks.

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.
- Aspires to position West Bengal as a leader in the MSME sector nationwide.

Key features



Automated Subsidy Calculator



Realtime Application status

Technology Used



Statistical Figures/Integrations



Total no. of Registered Users

13
7



Total no. of Approved Application

2
3



Total no. of Applications

16
1



Total no. of Approved Amount

3.947378 crores



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

PRISM Id: 21257



Graphical representation (yearly/monthly increment)



Recent Activities

- Fix bug in the Portal
- Change in form A
- Pre Election Website Update.

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>

Government of West Bengal Law Department Registrar General of Marriages

"সমন্বয়ের সঙ্গী" - জনগণের স্বার্থে পরিবেশের শাসন সহজ, স্বাধীন স্বাধীন

MARREG

The Special Marriage Act, 1954 (Under Section 16)

The Act Of Marriage, Application Can Be To Marriage Officer At Least After 30days Date Of Marriage, Objection Period 30days Date Of Marriage / Application, Marriage Certificate Issued From The Date Of Received Application.

ALL MARRIAGE REGISTRARS WHO HAVE BEEN ALLOWED BY HIM TO REGISTER MARRIAGES ONLINE SHOULD IMMEDIATELY START WORKING

আমাদের মিশন: জনগণের স্বার্থে পরিবেশের শাসন সহজ, স্বাধীন স্বাধীন

নাগরিকদের দ্রুত সেবা প্রদান করার জন্য "ম্যারেজ" অ্যাপ্লিকেশনটি সম্পূর্ণ ওয়েব অ্যাক্সেস হবে।

স্বাধীন থেকে কোনো অবস্থান থেকে ইন্টারনেট সুবিধার মাধ্যমে ব্যবহার করা যেতে পারবে বলে এটি বিবাহ নিবন্ধীকরণের ক্ষেত্রে দ্রুত প্রদান করতে পারবে।

"ম্যারেজ"র জন্য নীতিমালা ও নির্দেশাবলী সঠিকভাবে বাস্তবায়িত হতে তা নিশ্চিত করার জন্য সামগ্রিক দায়িত্ব ও তদারকির জন্য পশ্চিমবঙ্গ সরকারের রেজিস্ট্রার জেনারেল অফ ম্যারেজের অফিসের উপর দেয়া হয়েছে।

বিবাহ নিবন্ধীকরণ প্রক্রিয়াটি সম্পূর্ণ কম্পিউটারাইজেশন করার জন্য সমস্ত তথ্য বৈদ্যুতিক আকারে সংরক্ষিত হবে বলে বিবাহ থেকে উদ্ভূত যেকোনো বিতর্ক থেকে একটি ন্যায্য বিচার পাওয়া যেতে পারে যেমন -

- বহুবিবাহ / বহুভর্তকত্ব (একই স্ত্রীলোক কর্তৃক একই কালে বহুপতি গ্রহণ)
- অস্থানীয় বিচ্ছেদ
- নাগরিকত্ব প্রদান
- অন্যান্য আইনগত ও সামাজিক সুবিধা

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

Register Your Marriage

- Dashboard
- About Us
- Services
- Payments
- Public Info
- Login
- Contact Us

Overview of Transactions

Certificates Generated from 1st January of Current Year	114460
Certificates Generated from 1st of Current Month	159
Online ID	287
Visitors Count	6618190

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 attend 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)



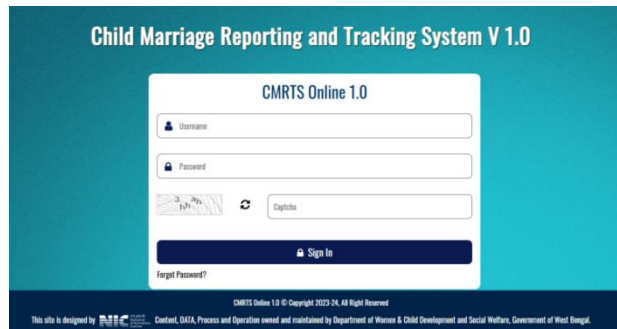
PROJECT NAME	PRISM ID	PROJECT URL
Child Marriage Reporting and Tracking System	2814	Production URL: https://cmrts.wb.gov.in

HIGHLIGHTS

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

Impact:

Total No. of Interventions reported in CMRTS portal: 13,896 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 –13,896
Home Enquiry Done –10,845
Follow-up Done –45,354

Statistics: March, 2026

Intervention Reported – 509
Home Enquiry Done – 63
Follow-up Done – 495

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 Devashish Chanda, Sc - F

Email: sio-wb@nic.in



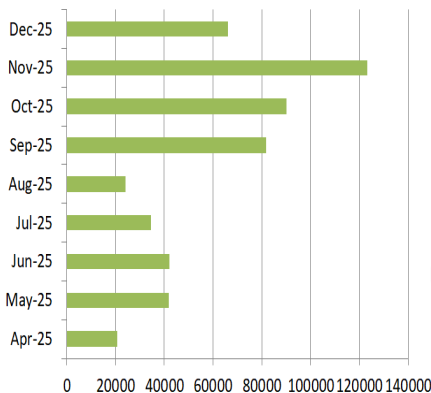
Government of West Bengal is using NIC's eProcurement platform since 2009. Earlier it was funded under eProcurement Mission Mode Project.

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.

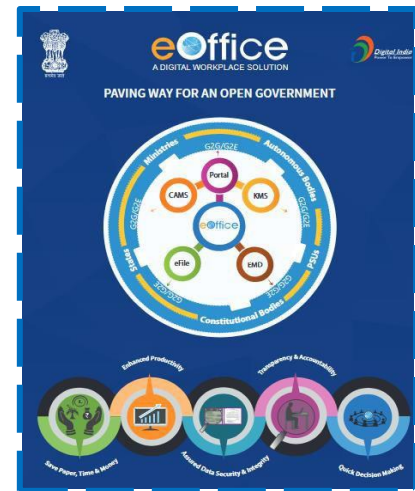
HOD : Ashis Mukherjee, Scientist-F and ASIO
(email : shod5-wb@nic.in)

HOG : Devashish Chanda, SIO
email : sio-wb@nic.in

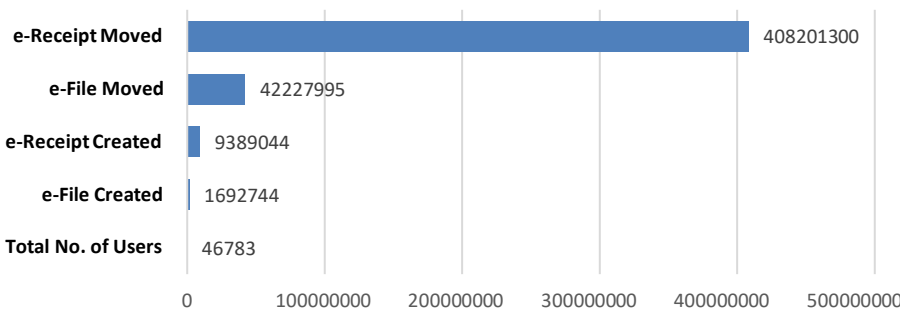
Impact and Benefits

<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 MARCH 2026 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 STATE GOVERNMENT

- ✓ Govt. of WB Secretariat
- ✓ Districts
- ✓ Sub-Division
- ✓ Kolkata Police
- ✓ West Bengal Police
- ✓ WBSEDCL

DEPARTMENT UNDER CENTRAL GOVERNMENT

- ✓ Coal India
- ✓ Damodar Valley Corporation
- ✓ AIIMS Kalyani
- ✓ Tea Board India
- ✓ Geological Survey of India
- ✓ Indian Army Eastern Command
- ✓ AIIH&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.



ABOUT US
Department of Excise, NCT of Delhi - Revenue is the most important input for an able, efficient and resourceful administration. In India since ancient times, there has been a well planned, well defined, clear, strong and just system of revenue collection. With the passage of time there have been changes in the system of revenue collection. Today we find various tax free items, which were earlier used to be taxed. According to the needs of changing times and a big gap between sources of livelihood and the resources, new sources of revenue have also been developed. To provide a self reliant administration for a welfare state, making efforts for developing new sources of revenue while plugging loopholes in the existing ones is an onerous responsibility.

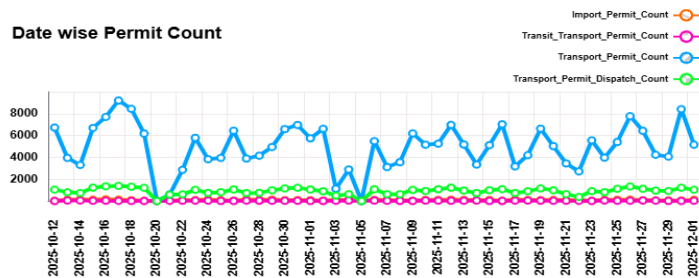
S.No.	Date	Title	Content
1	10/01/2025	By Day on account of Delhi Excise holidays.	Overhaul
2	01/10/2024	THE DELHI EXCISE ACT, 2016.	Overhaul
3	01/10/2024	Order.	Overhaul
4	01/10/2024	THE DELHI EXCISE RULES, 2016.	Overhaul

Technical Stack



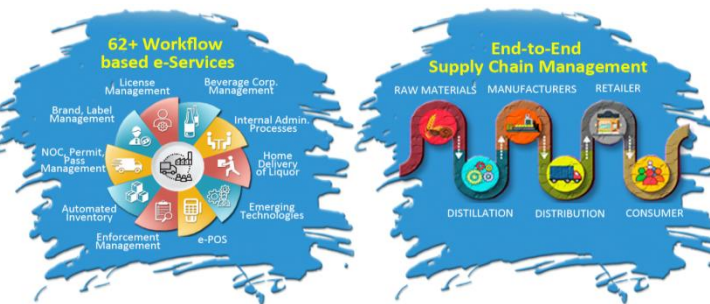
Graph

Date wise Permit Count



Statistics

- ✓ No. of Licensees: 4267
- ✓ No. of Permits : 22,32,108
- ✓ Corporation Bottle Sold : 80.85 Cr.
- ✓ HCR Bottle sales : 8.48 Cr.
- ✓ Country Liquor sales: 4.90 Cr.
- ✓ Total Revenue : 9304.54 Cr.



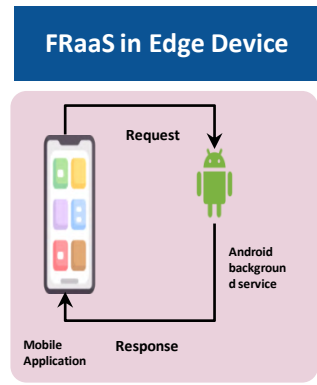
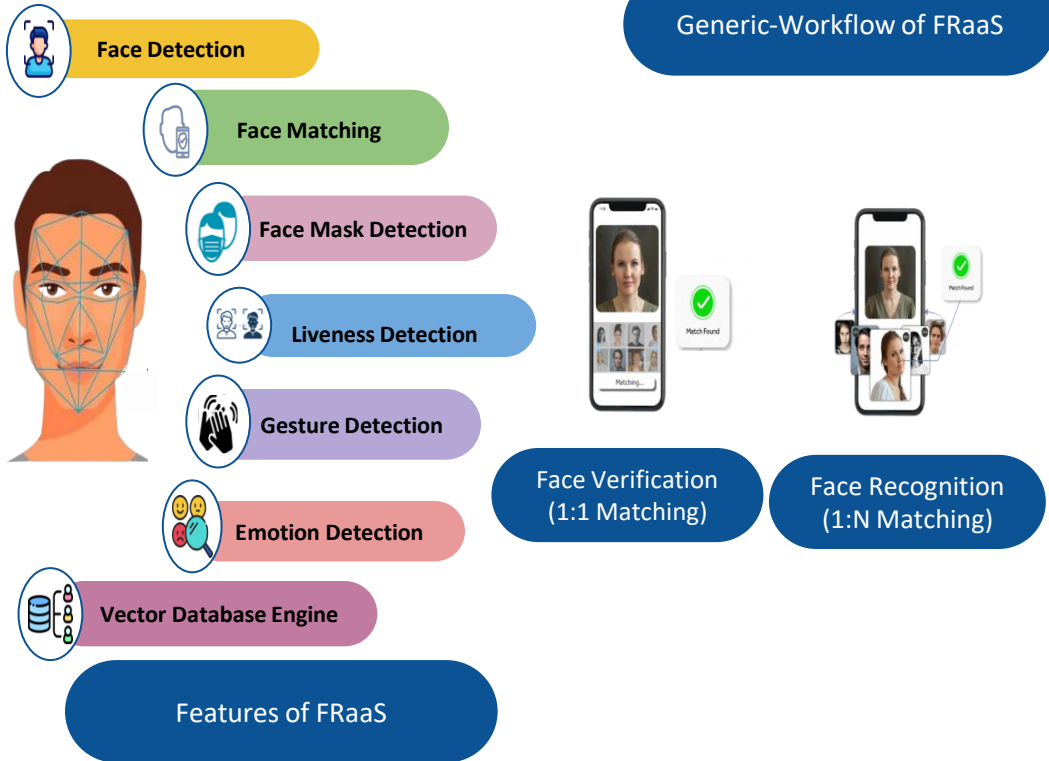
Implementation / Benefits of Citizen:

- ✓ 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.

HoD: : Sh. Manas Kr Bhattacharya, Scientist -F
 Other officers : Smt. Rupa kar, Scientist -E
 Sh. Arindam Mukherjee, Scientist-D
 Smt. Shila Rani Sahoo , Scientist -D
 Sh. Rahul Gupta , Scientist -C
 Ali Akbar Ansari, Scientist -B
 SIO: : Sh. Devashish Chanda, Scientist -F

Email Id: shod10-wb@nic.in
 Email Id : officer1.eh-wb@nic.in
 Email Id : officer2.fcswb-wb@nic.in
 Email Id : dio-klk@nic.in
 Email Id : rahul.gupta94@nic.in
 Email Id : officer1.eh-wb@nic.in
 Email Id : sio-wb@nic.in

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 Devashish Chanda, Sc - F

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



सत्यमेव जयते



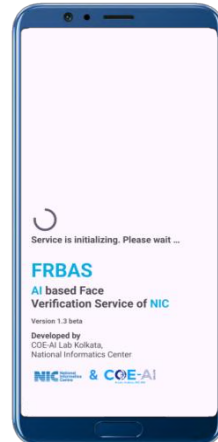
PROJECT NAME	PRISM ID	PROJECT URL
<p>CoE AI Lab, Kolkata</p> <p>Face Recognition based Attendance System (FRBAS)</p>		



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 Devashish Chanda, Sc - F

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]	Somande Sarada	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

3500 approx. Skill Development Training Centre On-boarded

14.58 crore API hit Generated for capturing Attendance since inception

1.36 crore API hit Generated for marking Attendance in March, 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 Devashish Chanda, Sc - F


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)		

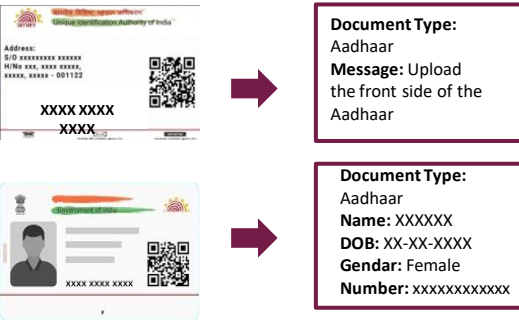
1  **Corrects Rotated/Skewed Aadhaar Images**



2  **Validate the alignment of Aadhaar card**




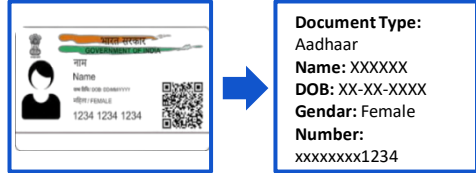
3  **Identifies front and back side of the Aadhaar**



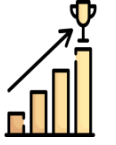
Document Type: Aadhaar
Message: Upload the front side of the Aadhaar

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

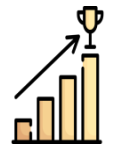
4  **Information extraction**



Document Type: Aadhaar
Name: XXXXXX
DOB: XX-XX-XXXX
Gender: Female
Number: XXXXXXXX1234



1.37 Crore API hits recorded Since inception



90,359 API hits recorded in March, 2026

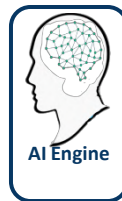
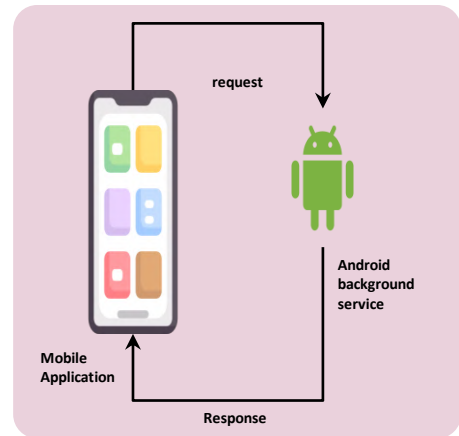
HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E
SIO : Shri Devashish Chanda, Sc - F

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.



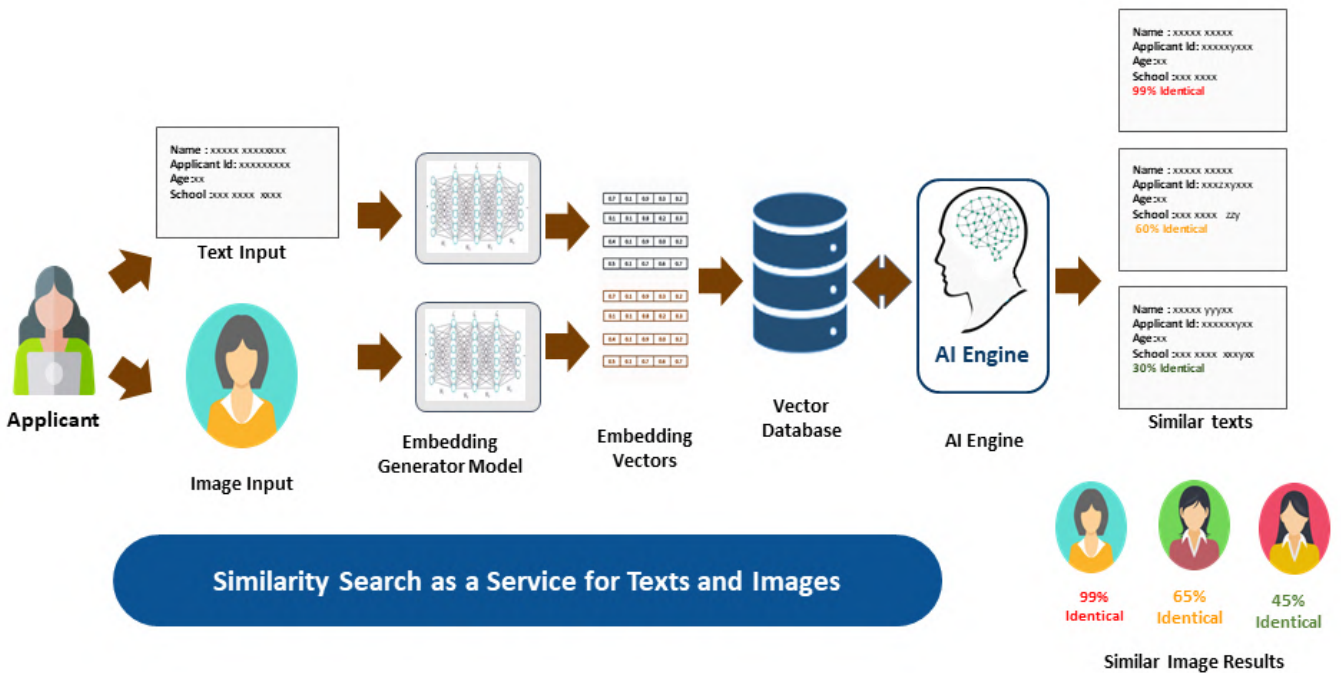
HOD: Shri Sarat Dhara, Scientist - F
Project Coordinator: Dr. Subrata Roy Gupta, Sc – E

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

SIO : Shri Devashish Chanda, Sc -F

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 – 3.27 Crore
 AI Transaction in Rupashree – 59 Lakhs

Statistics March, 2026

AI Transaction in Kanyashree – 34,967

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

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Email: officer1.wcd-wb@nic.in

SIO : Shri Devashish Chanda, Sc - F

Email: sio-wb@nic.in

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



Classes

- 1 Phyllosticta Leaf Spot 
- 2 Healthy Leaf 
- 3 Colletotrichum Blight 

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

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

 <https://wbgateway.nic.in/cardamom>

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

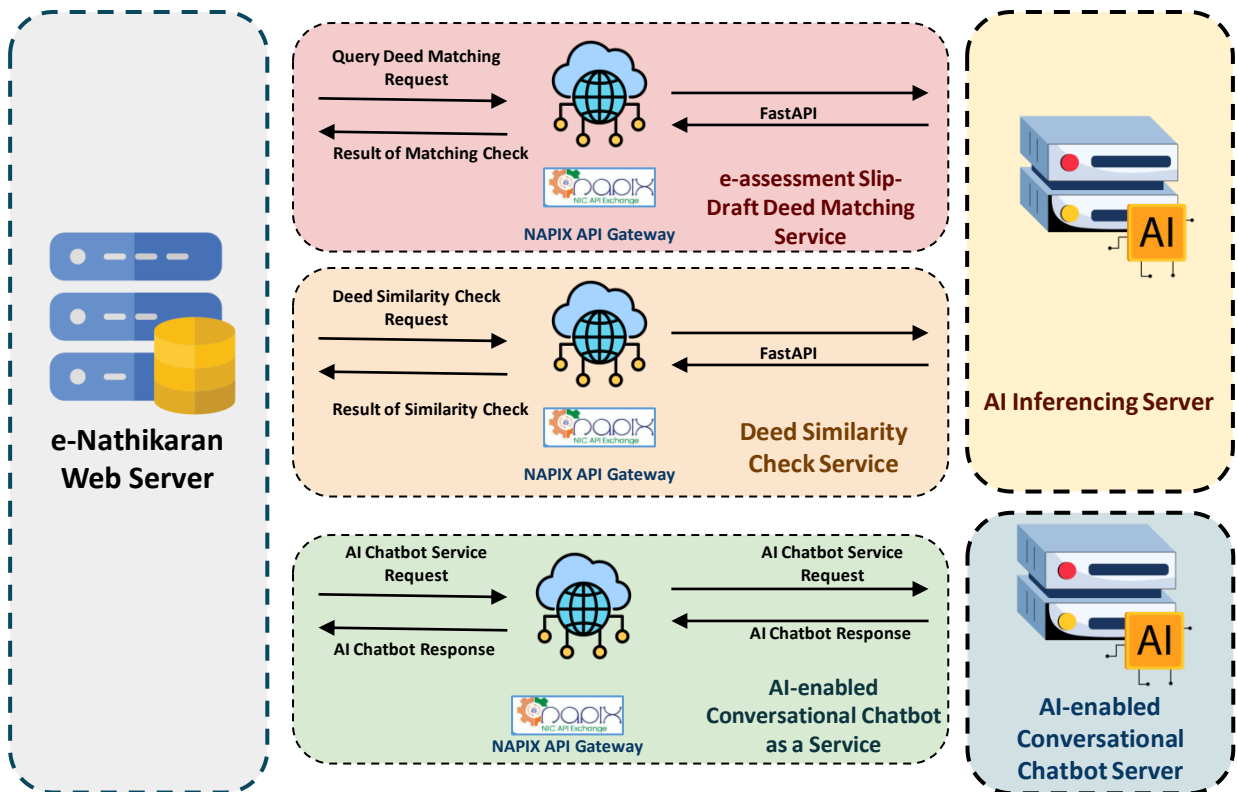
SIO : Shri Devashish Chanda, Sc - F

Email: sio-wb@nic.in



सत्यमेव जयते

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 Devashish Chanda, Sc - F

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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 Sanlaap Conversational AI-based Multimodal Multilingual Chatbot Framework of NIC		



Multilingual

- English
- Bengali
- Hindi



Multimodal

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



Hybrid Architecture

- Knowledge-base Based
- RAG Based
- Rule Based



Customizable Knowledge Base (KB)



Knowledge Base Creation using RAG



Hybrid Answering system : RAG and KB



Rule based customized chat features



Statistical Report



Feedback

WCD & SW

EoDB

Proposed to

SRS

DORSR

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 Devashish Chanda, Sc-F

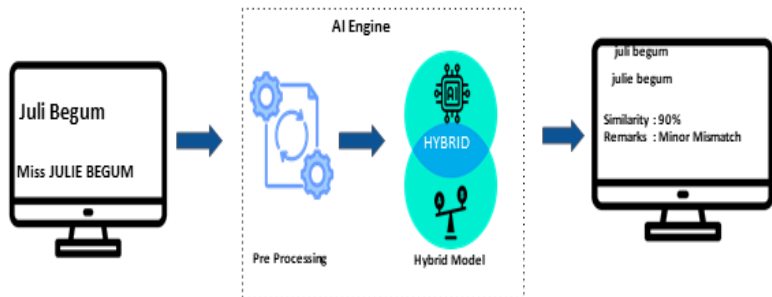
Email: hod.aimlwb-wb@nic.in
 Email: officer1.aimlwb-wb@nic.in
 Email: officer1.nicmdck-wb@nic.in
 Email: shila.sahoo@nic.in
 Email: badal.kumar@nic.in
 Email: sio-wb@nic.in

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

Traditional Approaches

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

No understanding of context or minor errors



Word Embedding

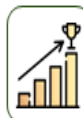
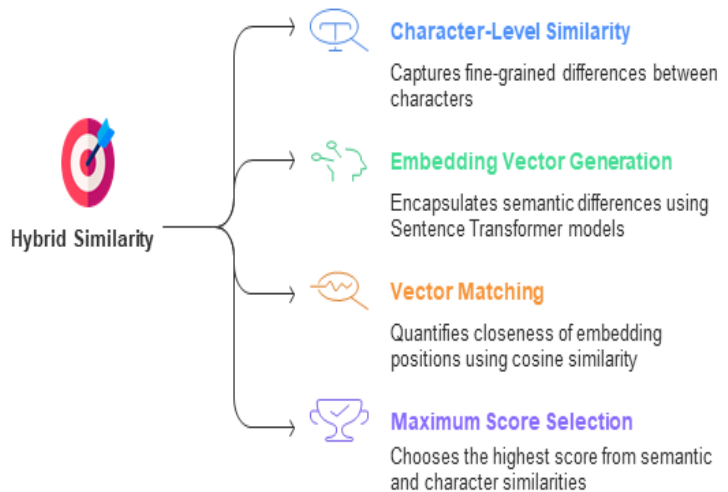
Numeric representation of names

Captures basic context

Transformer-Based Methods (LLMs)

Understands semantics, transliterations, and variants.

Robust to surface-level differences



8,071 no of API hits recorded in March, 2026
(Being used for KP, RP, Lakshmir Bandar & Jai Bangla)

Proposed to



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

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Email: officer1.wcd-wb@nic.in

SIO : Shri Devashish Chanda, Sc.- F

Email: sio-wb@nic.in

HIGHLIGHT

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

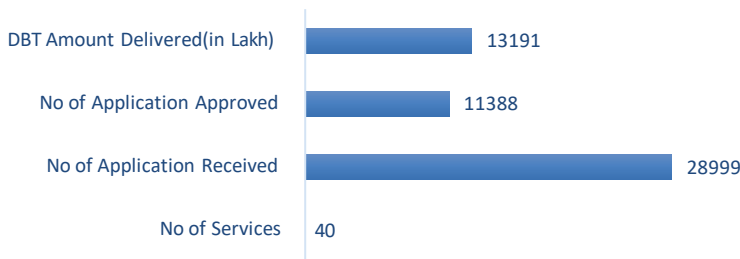
All-in-one citizen engagement platform, used by State Government and Tea Board of India in West Bengal

“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”

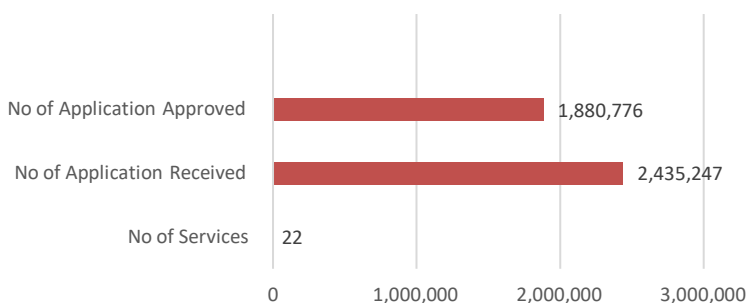
- **Regulatory Approval Services** : The services like Issuance of Electricity Permission, festival permission, idol immersion are given to the citizens.
- **E-Governance Services** : Around 40 no of e-governances including DBT are being delivered for various schemes of Tea Board of India.
- **Issuance 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 March 2026

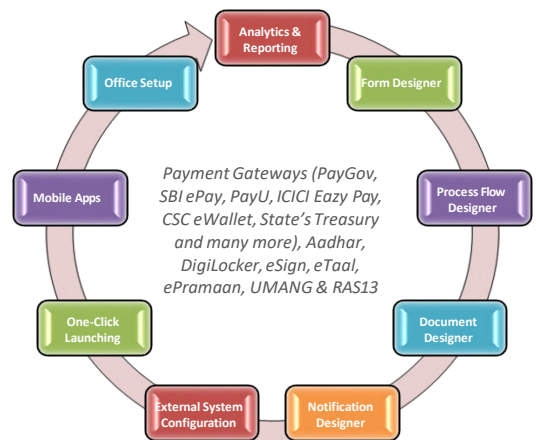


State Government Journey for March 2026



Features

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



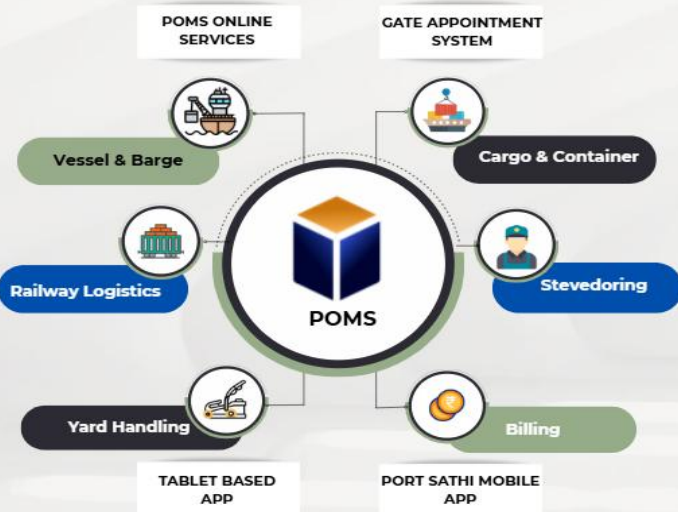
Highlights: (Prism Id:20880)

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

Port Operations Management System (POMS) was developed in 2007 and implemented in 2010 for Shyama 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.



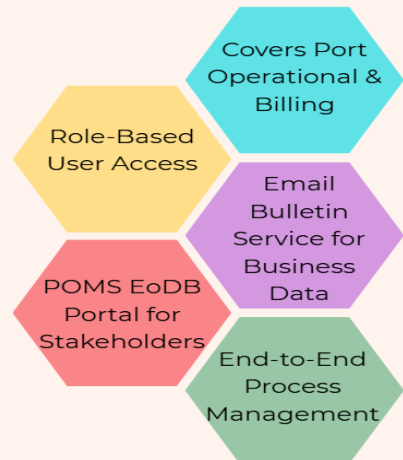
Key Functionalities:



Integrations

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

Key Features:



Recent Activities:

System Migration & Data Reporting: Completed migration reports (TCN→GPN, TCG→GPG, TCO→GPO) and compiled NTRS Customs data; prepared monthly MHC and Non-MHC reports.

Container & Cargo Tracking (Middle East): Shared details of Middle East containers currently in port and those that have exited.

Billing, Levy & Financial Enhancements: Deployed barge blocking in production; enabled container scanning and levy charges, including CUIDL, in the billing system.

System & Script Enhancements: Prepared master sequence script for 1 April 2026; POMS Online revamp underway.

Policy & Compliance Initiatives: CRC and No Demand Certificate studies in progress; proposed short-term tonnage area application in the Plot Module.

GIS & Plot Online Digitization: Completed GIS implementation for Plot Online using yard KML files; shed mapping in progress.

Integration & ONOP Initiative: APSEZ-SMPK API: 4 inbound & 8 outbound messages deployed. CPL-POMS integration: 7 inbound & 6 outbound messages live on. One Nation One Port (ONOP) initiative ready for TAB deployment

Usage Statistics:

Operational Statistics	January 2026	February 2026	FY: 2025-26
Vessel	117	98	1012
Rake	278	256	3136
Vehicle	32881	31310	327214
Container	58669	50884	589527
Consignment	14414	14320	166785
Sagar Setu Messages	134380	122938	1388808
Invoice Count	16263	14981	174267

Technology Stack:



HOD: Shri Aniruddha Pal, Scientist-F & ASIO (State)
Project Coordinator: Shri Sarajit Dey, Scientist-F
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Highlights: (Prism Id:20883)

[: https://hdceodb.smporkolkata.in](https://hdceodb.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:

Operational Statistics	February 2026	March 2026	FY: 2025-26
Vessel	170	189	2140
Rake	756	811	9747
Vehicle	5575	5212	66209
Container	16731	13813	212362
Consignment	3369	2774	48602
Sagar Setu Messages	183979	167528	1952588
Invoice Count	21782	22268	320005

Recent Activities:

Android App Development: Developed and deployed Android apps (Gate Sathi, EIR) to streamline gate operations and equipment reporting with improved data accuracy.

Process Automation: Created applications for VRC, CRC, RR approvals, and stock cargo management to enhance operational efficiency.

Vessel Communication Systems: Implemented the NDC application with automated email notifications for vessel agents.

Financial & Year-End Operations: Handled rate updates and financial year-end processes ensuring accuracy and compliance.

Taxation & Reporting Solutions: Developing the LAMS TDS application and reports for tax deduction tracking.

MSME Payment Systems: Developed applications and reports to ensure timely MSME payments.

Technology Stack:



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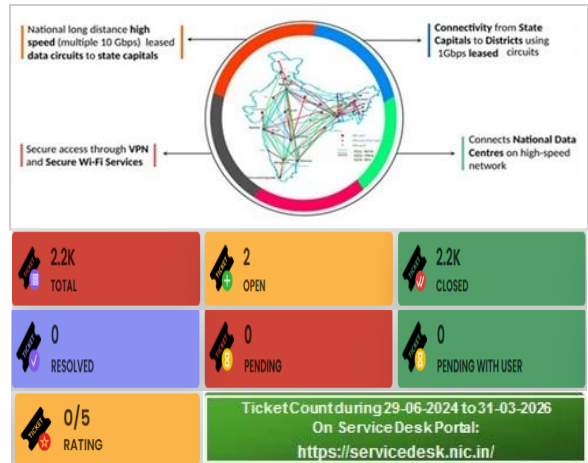
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✉: sio-wb@nic.gov.in



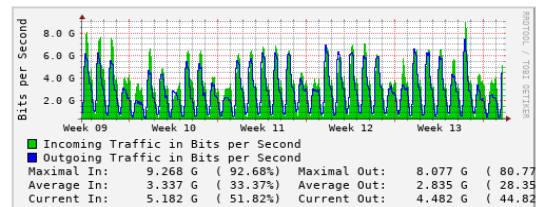
PROJECT NAME	PRISM ID	PROJECT URL
NICNET (Internet & Intranet Backbone for Government Machinery)	\	https://www.nic.in/service/nicnet

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.



'Monthly' graph (2 Hour Average)



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

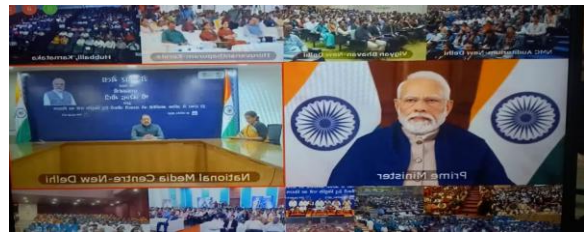
HIGHLIGHTS

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 March'2026, total 94 No. of VCs has been conducted where 306 sites participated with 707 studio hours

Out of 94 VCs, we have conducted 40 VCs on Bharat VC platform where 1015 participants joined through link.

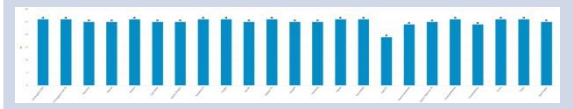
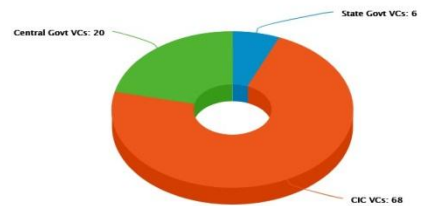
Additionally, Prime Minister 01 VC, Secretary 05 VCs, Govt. of India 15 VCs, Election Commission 07 VCs has been conducted successfully.



Summary

	No of VC meetings	Studio hours	Site Participated
VC meetings of State Govt.	6	223	105
VC meetings of Central Govt.	20	467	123
VC meetings of CIC	68	16	78
Total	94	707	306

Total VC Meetings of West Bengal



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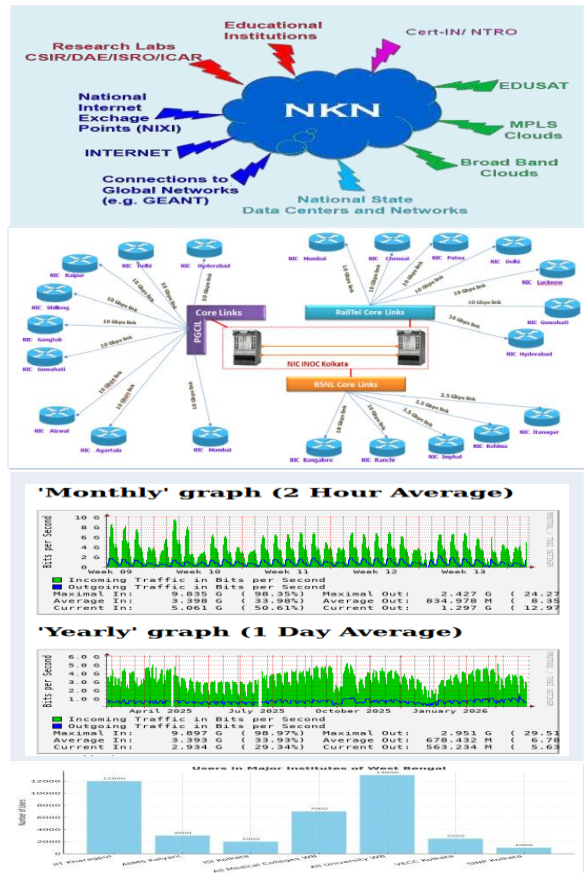


PROJECT NAME	PRISM ID	PROJECT URL
National Knowledge Network (NKN)	-	URL: https://nkn.gov.in

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.



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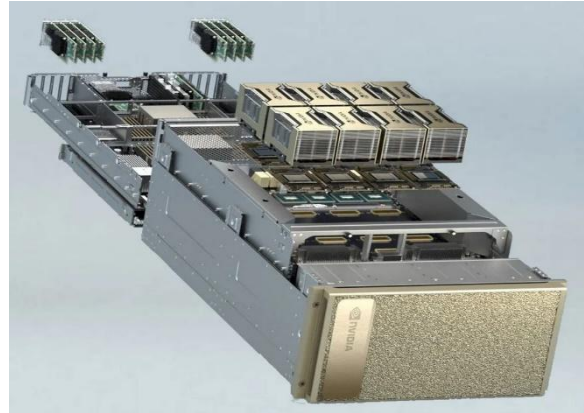
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PROJECT NAME	PRISM ID	PROJECT URL
AI Supercomputing Platform – DGX A100 Integrated		

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 Similarity search, RAG based Multi modal Chatbot etc application are running.
- MIG based 22 Pods are running all over India for AI/ML model training
- More than 20+ POC application hosted.
- Total 70+ POD running



TECHNICAL STACK

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

STATISTICS

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

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

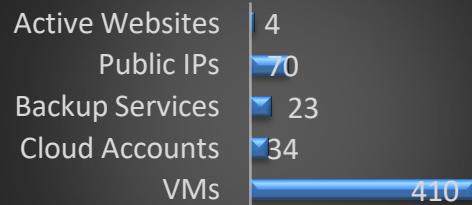
HIGHLIGHTS

- 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 4 still active (March 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): 4
 Total VMs provisioned: 410
 Cloud Accounts: 34
 Backup Services: 23
 Public IPs: 70
 Load Balancers: 6

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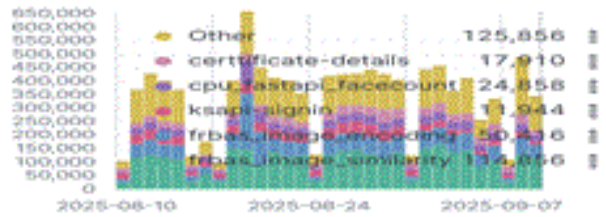


PROJECT NAME	PRISM ID	PROJECT URL
WB NAPIX Gateway & Analytics		

API Calls Received 17.25 crore since inception.
 API calls for the month of March, 2026: 1.56 crore.

HIGHLIGHTS

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



Technical Stack

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

Statistics: March 2026

Number of API Calls Received	1.56 Crore
Number of APIs Published	5

Statistics: Since Inception

API Calls Received	17.25 crore
APIs Published (Production)	120+
Products Published (Production)	50
Sandbox Tenant Forms Received	16+
Public IPs Allocated	4 (3 Gateway + 1 Sandbox)

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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

- 53 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.

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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

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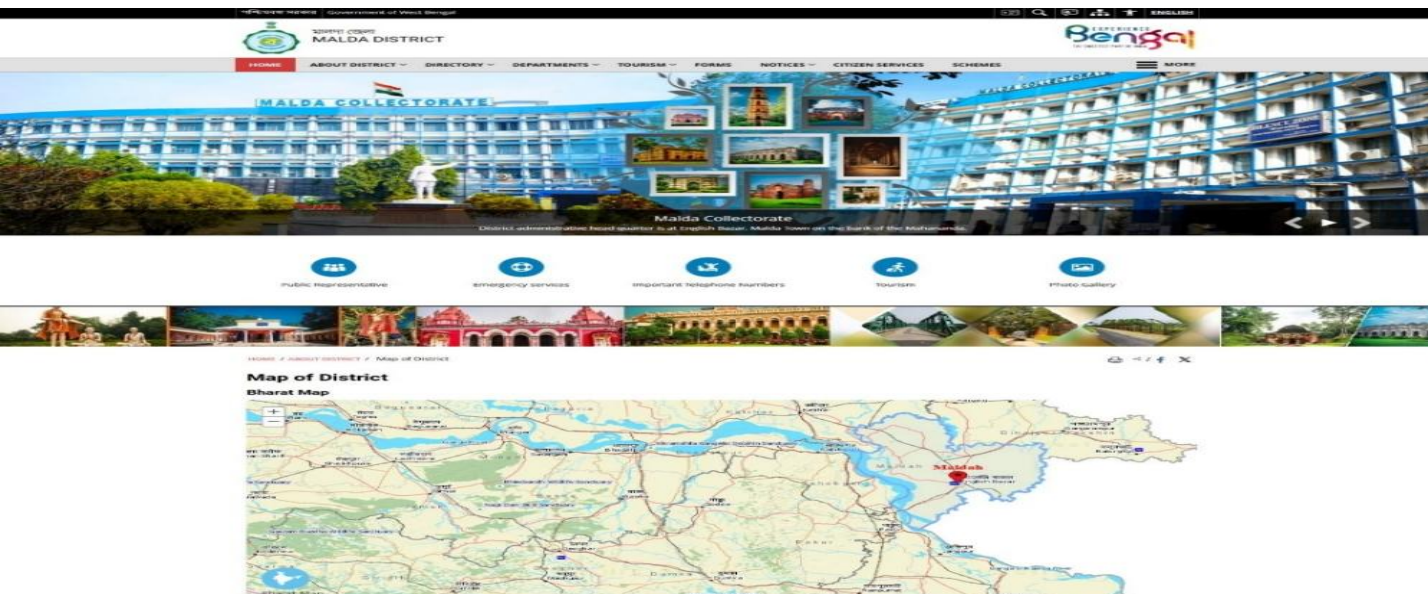
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District website: <https://malda.gov.in/>



Software Development Activities:

EMMS Mobile App Conceptualization:

Led the ideation and prototype design for the EMMS mobile counterpart. The design prioritizes an intuitive user experience tailored specifically for on-the-go manpower training tracking, deployment, and administrative management.

EMMS Infrastructure & Session limiting:

Deployed database replication for the EMMS, establishing robust data redundancy and high availability. Concurrently, implemented strict session limit handling to effectively manage concurrent user scaling.

Comprehensive Observability Implementation:

Integrated a full observability stack into the EMMS architecture to enhance system visibility and debugging capabilities. This involved configuring Open Telemetry to capture granular traces, metrics, and logs across the Laravel application, seamlessly routing the telemetry data to a self-hosted Open Observe backend for centralized, real-time monitoring.

Quality Assurance & Automated Testing:

Established a rigorous automated testing standard for the EMMS. Developed and implemented comprehensive unit and integration tests utilizing the PEST PHP testing framework, significantly improving code reliability, maintaining logic integrity, and mitigating future regressions.

E-Commerce Mobile App Prototyping:

Conceptualized and designed the initial prototype for a new mobile application dedicated to the sale of mango products. This phase focused on mapping out core user journeys, defining feature sets, and crafting a streamlined interface to support efficient mobile transactions.

District Specific Activities

- Official District Website regularly updated (S3WAAS).
- VC Support of NIC, State and District level meeting.
- IRAD Technical Support for all stake holders.
- Email Create/Update Technical Support.
- E-office active in 48 departments with ongoing support.
- IT support for admin review meetings.
- 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).
- Technical support for various activities of SIR 2026.
- Technical support for WBLA-2026 activities & EMMS.



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 5255267 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 10 nos of Video Conference Session conducted through NIC VC setup
- 7) NICNET services provided to district administration with maximum bandwidth utilization more than 190Mbps (in) / 197Mbps (out).

Other Significant Activities

- 1) Involved in assisting district administration for preparation of RFP/Tender documents for various IT initiative .

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.