Government of India
National Informatics Centre
West Bengal State Centre

West Bengal State At A Glance
November 2025

Name of Project	**Index**	Page No.

Name of Project	Index	Page No.

PRISM ID : 3848 and 3122

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

Highlights

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

Type of Application : G2G, and G2C

Technology Stack:

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

Database : PostgreSQL
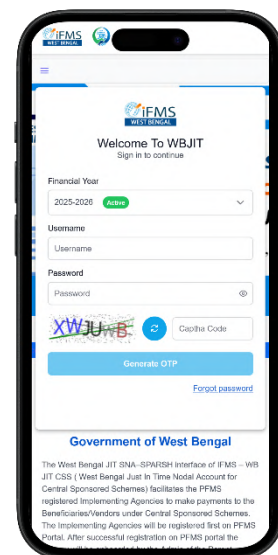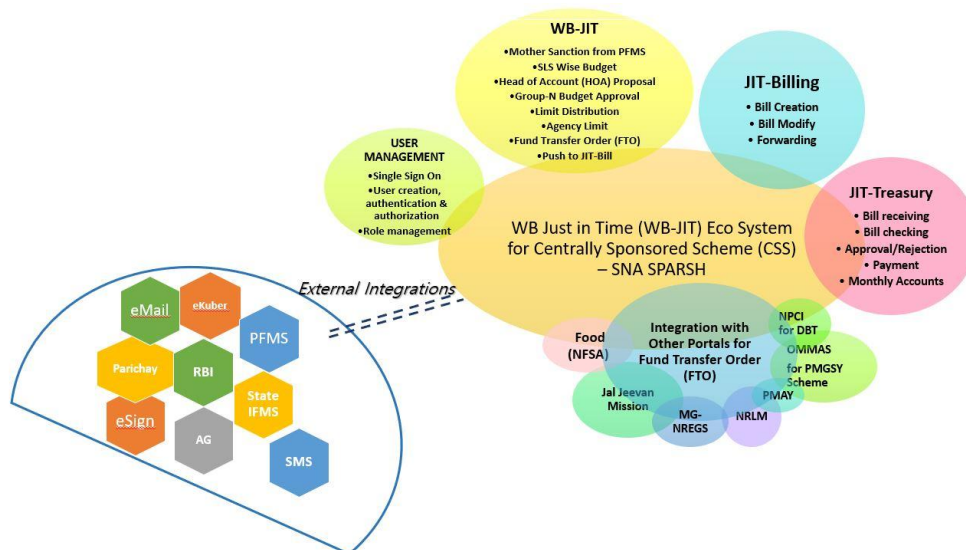
Training : Training to Agencies and DDOs s in Offline and Online Mode.

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

Statistics: During Nov-2025 , **FTO prepared : 8166, Amount : Rs 583.30 Crores (Approx.) and for FY25-26 , FTO 62116, Amount : Rs. 3352.242 Crore (Approx)**

HOD : Ashis Mukherjee, Scientist-F and ASIO
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Other Officers : Krishnendu Das, Sc-D, Gaurav Basu, Sc-D, Saikat N. Bhattacharya, Sc-D, Samik Bhattacharya , Sc-D, Dipankar Bachhar, Sc-D
email : officer5.fifms-wb@nic.in, officer4.fifms-wb@nic.in, officer3.fifms-wb@nic.in, officer2.fifms-wb@nic.in, officer2.nicmdck-wb@nic.in

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

Highlights

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

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

Type of Application : G2G, and G2C

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

Key Features

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

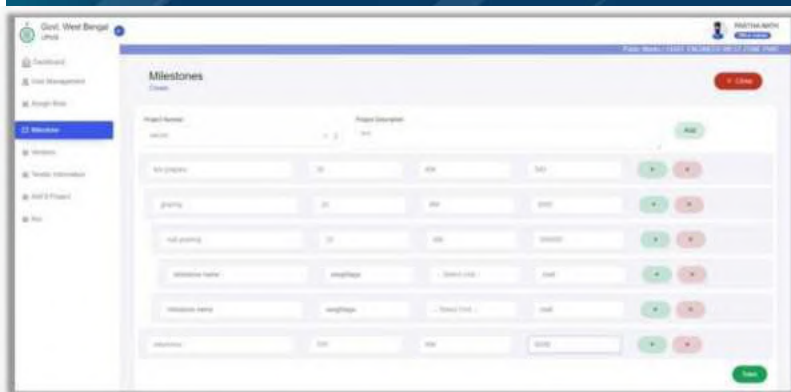**Training :**Month Long Training Programme of PWD Engineers,Officials, and Other Department like PHE, Irrigation conducted

Technology Stack :

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

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

Statistics

November-2025
Number of Projects created/modified: 1537 (1153) ,Number of Requisitions created/modified: 1599 (1207), Number of Estimates created/modified: 2407 (2009) Total Cost of Estimates: Rs.4771 (3977) Crores (Approx)
Total User Activities recorded: 8208154 (5392457),
NB : Prev months' fig shown in braces

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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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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Lakshmir Bhandar

Highlights

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

Achievement: Successfully development and running Lakshmir Bhandar since August'2021 with present **beneficiary around 2.20 Crore** and monthly assistance of Rs. 2124.439 Cr. (Approx) disbursed in Novober '2025. Able to establish an automated pipeline to push all beneficiary and transaction to the Social Registry Portal

Type of Application : G2G, and G2C

Training : Continuous Online Training to stakeholders with SOP

Key Features

- **Aadhaar has been made mandatory, and requirement of Swasthya Sathi Card is waived off w.e.f. 01/04/2023**

- **Mandatory Bank Account for individual beneficiary**

- **Validation of Bank Accounts along with name validation**

- **Aadhaar Verification with authenticated Aadhaar thorugh PDS (Khadya Sathi)**

- **De-duplication of Bank Account, Aadhaar, Mobile Number**

- **Maker, Checker, Approver architecture for flow of beneficiary data**

- **API Based Integration with SMS, Janma-Mrityu portal, track applications, CMO Grievance**

- **Total Approved Beneficiaries : 2.20 Crores (Approx) Amount Disbursed : 2124.43 Cr.**

Technology Stack :

Laravel ,Kafka   Database : PostgreSQL

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PRISM ID : 17866 (Legacy Project)   Production URL : https://jaibangla.wb.gov.in

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 :80.78 Lakhs (Approx)**
- **Amount Disbursed in Nov'2025 : Rs 730.129Crore (Approx)**

Technology Stack :

Laravel , Kafka   Database : PostgreSQL

Training : Continuous Online Training to stakeholders with SOP

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Election Projects (WBEMMS and WBCEMS)

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

Highlights:

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

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

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

- Online Collection / updation of Employee details

- Polling & Counting personnel Categorization, Randomization, Deployment

- Training Allocation

- Appointment Letter Generation

- SMS & email generation modules

- Generation of Payment files for paying remunerations of Polling / Counting Personnel and Micro Observers

- Postal Ballot & EDC

- Provision of Simultaneous Election

- Candidates Expenditure Monitoring with Shadow Observation Register
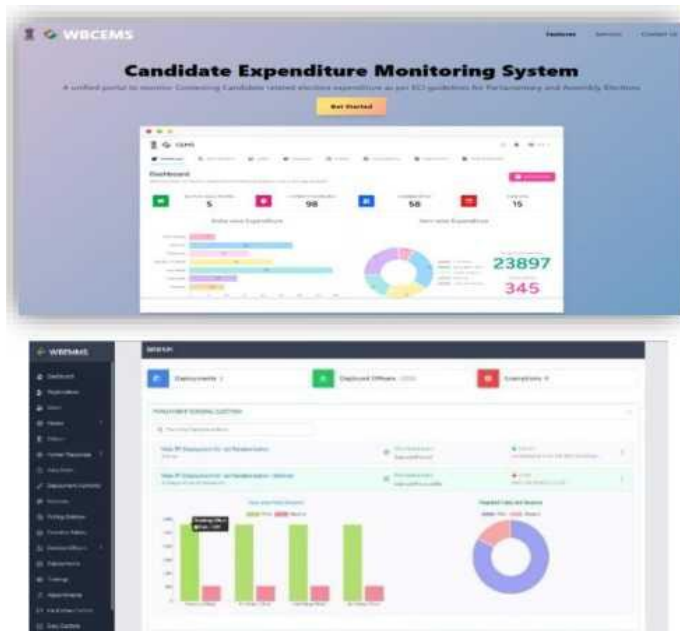
Technology Stack :

Laravel , RabbitMQ, Redis, GitLab, DevSecOps

Type of Application : G2G, and G2C

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

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

Tourism Department Website and Mobile App of Kalimpong Tourism

Production URL https://wbtourism.gov.in

Highlights

Integrated configurable web portal which serves as one-stop solution for Tourists. Stakeholders are allowed toenter intosystem 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.
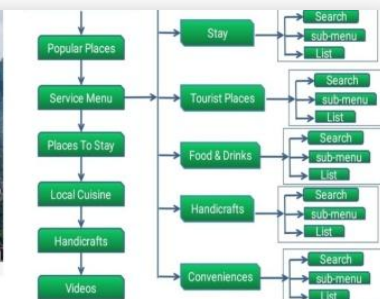
Technology Stack:

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

Type of Application : G2G, and G2C

Achievement : Successfully development and implemented

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Appcoms and Dynamic Web site of West Bengal Information Commission

Highlights

PRISM ID : 2632

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

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

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

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

Technology Stack

CakePHP

MySQL

Key Features

- Offers a comprehensive end-to-end ICT-based solution to facilitate the mandate of WBIC to deal with RTI applications, appeal and its disposal

- Covers features of DAK entry, scrutiny, hearing, day to day case proceedings, and disposal of cases with necessary orders by the Information Commissioners

- Encompasses a Maker, Checker, and Approver architecture to facilitate the seamless flow of citizens' appeals and complaints

- A robust and user-friendly platform for G2C, and G2G services relating to Right to Information

Type of Application : G2G, and G2C

Achievement: Successfully development and implemented since the Year 2023.

| HOD : Ashis Mukherjee, Scientist-F and ASIO (email : shod5-wb@nic.in) | HOG : Atanu Das, DDG & SIO email : sio-wb@nic.in | 12 |

HIGHTLIGHT
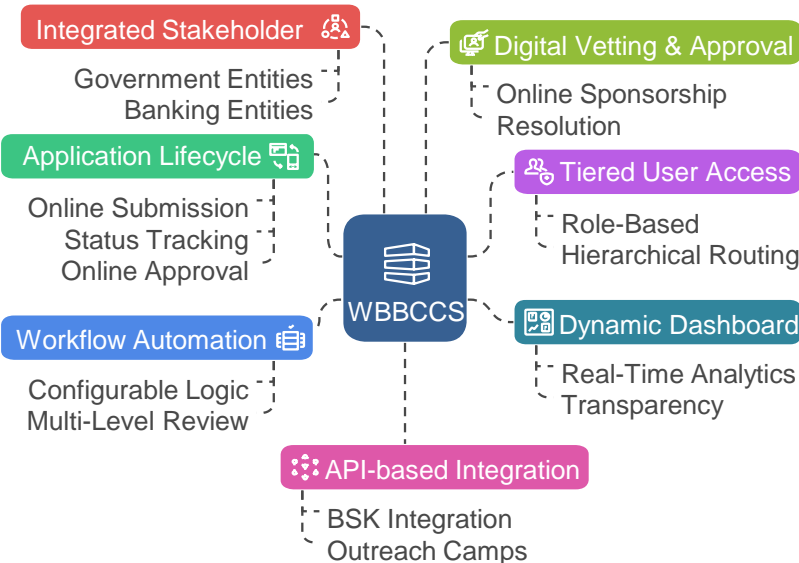
PRISM ID: 20812   🌐 **bccs.wb.gov.in**

"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.

G2C G2G

.:: Key Features ::.

Integrated Stakeholder
- Government Entities
- Banking Entities

Application Lifecycle
- Online Submission
- Status Tracking
- Online Approval

Workflow Automation
- Configurable Logic
- Multi-Level Review

WBBCCS

Digital Vetting & Approval
- Online Sponsorship Resolution

Tiered User Access
- Role-Based Hierarchical Routing

Dynamic Dashboard
- Real-Time Analytics
- Transparency

API-based Integration
- BSK Integration
- Outreach Camps

.:: Technology Stack ::.

PostgreSQL   LINUX   CodeIgniter   REST API

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

.:: Benefits to Citizen ::.

Ready-Made DPRs
Download trade-specific templates, simplifying application preparation.

Smart Application Guide
Stepwise validations and guided uploads ensure error-free form submissions.

Online Submission
Submit your application online or by mobile, no office visits needed.

Live Progress Alerts
SMS/email/push updates at every approval stage - stay in the loop instantly.

235665
TOTAL APPLICATIONS

49028
TOTAL SANCTIONED APPLICATIONS

₹ 1230.48 Cr.
TOTAL SANCTIONED AMOUNT

₹ 834.16 Cr.
TOTAL DISBURSED AMOUNT

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

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HIGHLIGHTS

"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 Add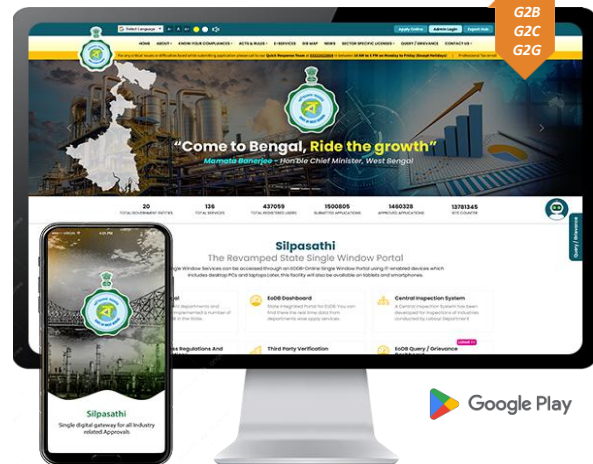ition, Silpasathi Kiosks Are Available At 23 Industry Facilitation Centres (IFCs) Located In Every District Of The State. The Ifcs Provide Handholding Support To The Investors Seeking Statutory Compliance Services From Silpasathi Portal.

PRISM ID : 18818

G2B
G2C
G2G

Google Play

TECHNOLOGY USED

Drupal | REST API | php | PostgreSQL

Top 5 services for November 2025

Service	Value
Registration of Principal...	78
Drug Licence (H&FW)	86
Electricity...	95
License for Contractors...	241
CTE & CTO Services...	655

KEY FEATURES

- Composite CAF Generation
- Wizard
- Industrial Categorisation
- Analytical Dashboard
- Query & Grievance

20+
GOVT. ENTITIES

144+
SERVICES

5.20 LAKHS+
REGISTERED USERS

113 CRORE+
TOTAL REVENUE GENERATED

1836621
TOTAL LICENSES DELIVERED

7116
GRIEVANCES ADDRESSED

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"
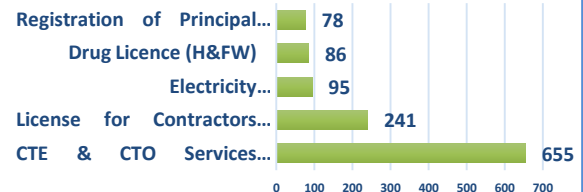
HOD: *Debdeep Guha, Scientist-F*

Project Coordinator: *Debdeep Guha, Scientist-F*

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NIC एनआईसी National Informatics Centre

🌐 **banglarbhumi.gov.in** | **PRISM ID: 3432**

"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

KEY FEATURES

- Mutation
- Conversion
- ROR (Khatian)
- Know Your Property
- Revenue Payment
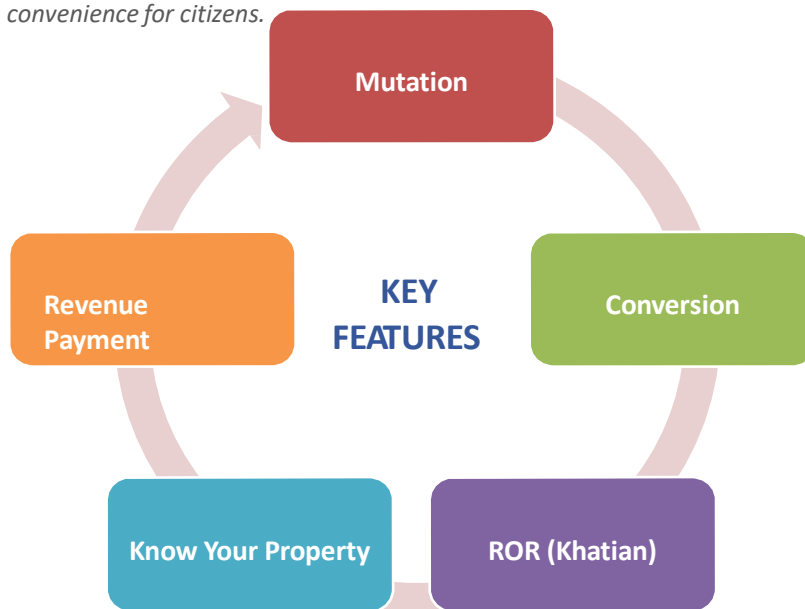
BENEFITS TO CITIZEN

" *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

Java | HIBERNATE | STRUTS | SQL

ANALYTICS FOR NOVEMBER 2025

Service	Value
RoR	617866
Mutation	442137
PI	159096
Warish	18247
Conversion	16467

■ Top 5 Service
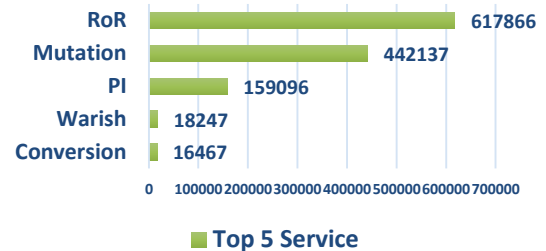
OTHER SERVICES

3894
NO DUE CERTIFICATE

2880
PLM

310
GRIEVANCE

HOD: Debdeep Guha, Scientist-F
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Directorate of Registration and Stamp Revenue
Finance Department, Government of West Bengal

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.

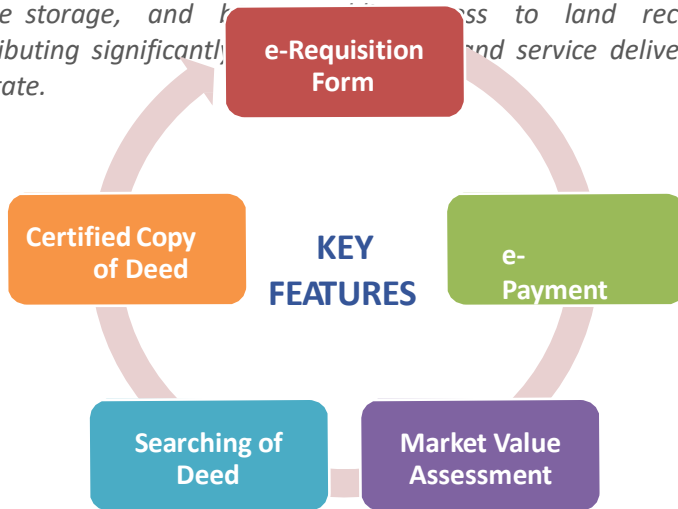e-Nathikaran functions as a backend system used by registrar offices for secure scanning, indexing, and digital preservation of registered deeds. It supports document verification, audit trails, and role-based access, ensuring the integrity and traceability of registration records.

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 have provided access to land records, contributing significantly towards e-Governance and service delivery in the state.

KEY FEATURES

- e-Requisition Form
- e-Payment
- Market Value Assessment
- Searching of Deed
- Certified Copy of Deed

TECHNOLOGY USED

.NET Core | C# | A (Angular) | Redis

REPORTING MONTH NOVEMBER 2025

Searching of Deed	6228717
Assessment of Market...	377378
Certified Copies of Deed	26716
No. of e-Payment	172584
Deed Registration	168413
Deed Presented	173432

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"

DEVELOPMENTS FOR NOVEMBER 2025

- Deed View API for Land, UDMA, NKDA.
- Market value API for KMC.
- IFMS Integration in e-Refund Module .
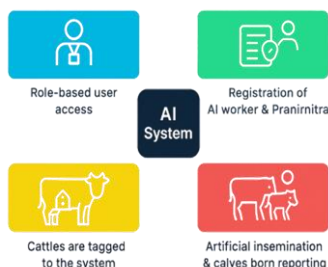- Payment integration in Searching Module.

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NIC एनआईसी National Informatics Centre

Highlights

🌐 **https://pbgsbs.gov.in**   **PRISM Id: 17943**

"**Empowering livestock development through**

digital innovation for a stronger rural Bengal."

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

Key features

- Role-based user access
- Registration of AI worker & Pranirnitra
- AI System
- Cattles are tagged to the system
- Artificial insemination & calves born reporting

Statistical

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.
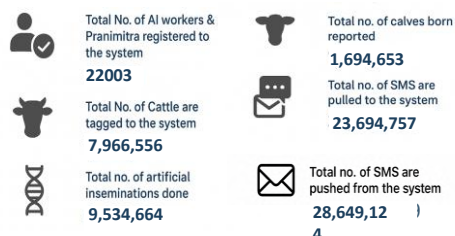
22003 Total No. of AI worker & Pranimitra registered to the system	**7,966,556** Total No. of Cattle are tagged to the system
9,534,664 Total no. of artificial insemination done	**1,694,653** Total no. of calves born reported
23,694,757 Total no. of SMS are pulled	**28,649,12** Total no. of SMS are pushed

Graphical representation (yearly/monthly increment)

Total No. of AI workers & Pranimitra registered to the system
22003

Total no. of calves born reported
1,694,653

Total No. of Cattle are tagged to the system
7,966,556

Total no. of SMS are pulled to the system
23,694,757

Total no. of artificial inseminations done
9,534,664

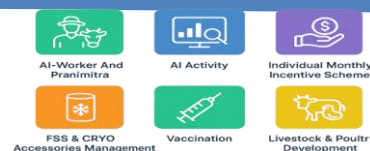Total no. of SMS are pushed from the system
28,649,124

Recent Activities

- Prepare and upload report to Social Registry on beneficiary and transaction of 4 schemes for session 2025-26 (Upto October 2025)
- Restoration of ARD website including VM setup
- Template modification is going on.
- Prepare Departmental reports & other work.

Different Modules in the System

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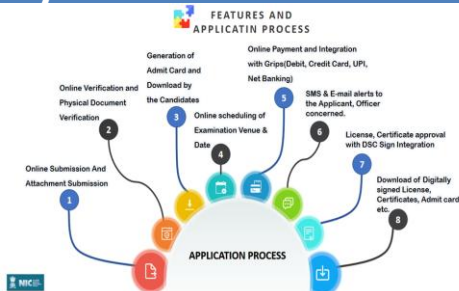- Improved Process flow explained to user

Technology Used

- AI-Worker And Pranimitra
- AI Activity
- Individual Monthly Incentive Scheme
- FSS & CRYO Accessories Management
- Vaccination
- Livestock & Poultry Development

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🌐 *www.nic.in*

Highlights

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

PRISM Id: 18353

"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

FEATURES AND APPLICATIN PROCESS / APPLICATION PROCESS

Statistical

52045+	4095+	51995+
LICENSE DELIVERED FO LIFT & ESCALATOR SERVICES	LICENSE DELIVERED FOR INSPECTION SERVICES	LICENSE DELIVERED LICENSING BOARD SERVICES

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
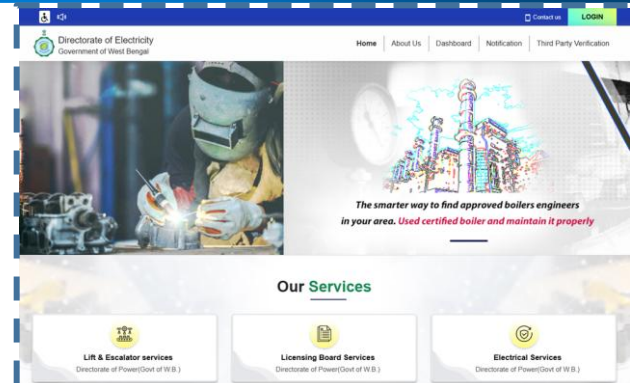
Technology Used

For tathyasathi.bangla.gov.in

For doepower.wb.gov.in

php PostgreSQL

Graphical representation (yearly/monthly increment)

1 Government Entities

28 services 4+ Pipelined

2 crore 88 lacs+ Total Revenue generated

1,05,134+ Total Licenses Delivered

Lift & Escalator Services **52045+** Licenses Delivered 01

Licensing Board Services **51995+** Licenses Delivered 02

Inspection Services **4095+** Licenses Delivered 03

Top services under DOE and their key statistics

Recent Activities

➢ One new service is under process.
➢ Some of the issues have been resolved.

Summary/Training

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

Different Modules in the System

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

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

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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

GOVERNMENT RHEs AVAILABLE FOR ALLOTMENT

35
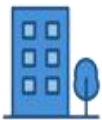
Government RHEs of types A, B, C, D, and VIP in Kolkata region are available for allotment

✔ 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

Drupal™   PostgreSQL   php

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https://rhe.wb.gov.in   **PRISM Id: 20968**

Graphical representation (yearly/monthly increment)

Chart Title

- Estate - Block - Flat
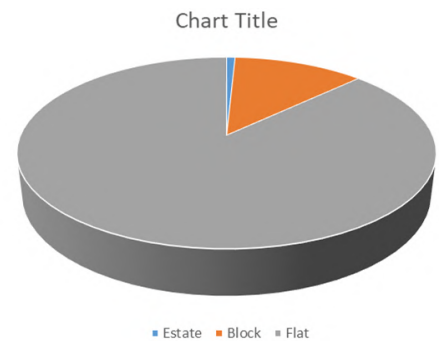
Recent Activities

- Updation in offer letter and license generation.
- User Application Testing and debugging application.
- Revamping Application.

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

https://textiles.wb.gov.in

PRISM Id: 20747

"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

Graphical representation (yearly/monthly increment)

Recent Activities

- Final testing of new portal.
- Configure server for new portal.
- Regular maintenance of legacy portal.

Technology Used

CodeIgniter   MySQL

Summary/Training

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

Statistical

Total no. of Registered Users
20
1

Total no. of Applications
17
9

Total no. of Approved Application
2
3

Total no. of Approved Amount
1746.0164 lakh

Different Modules in the System

Manages subsidy disbursement for eligible powerloom

Provides targeted financial support to handloom enterprises

API integration with WBDED

NIC एनआईसी National Informatics Centre

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

⚡ **1972 – Department of Power established**

👤 **1.8 Crore+ Consumers across West Bengal**

🏭 **4 Major Utilities – WBSEDCL, WBSETCL, WBPDCL & CEI**

📶 **100 MW+ renewable energy projects under implementation**

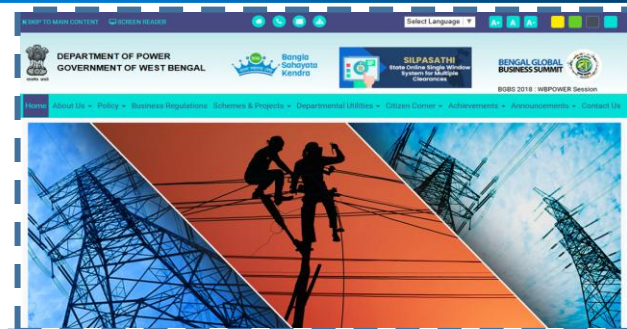🖥 **Statewide ERP & IT systems improving efficiency**

Technology Used

Awards and achievements

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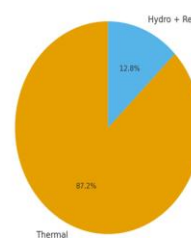

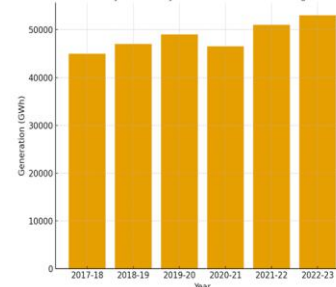https://wbpower.gov.in/ **PRISM Id: 21204**

Graphical representation (yearly/monthly increment)

Installed Power Capacity in West Bengal (2024)

Yearly Electricity Generation in West Bengal

Recent Activities

- Project creation initiated.
- Work in progress.

Summary/Training

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

Different Modules in the System

Home | About Us | Policy & Regulations
Schemes & Projects | Departmental Utilities | Citizen Corner
Achievements | Announcements | Contact Us

HOD : Uditendu Sarkar, Sc-F

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

NIC एनआईसी
National
Informatics
Centre

Highlights

"Igniting youthful energy and sporting spirit across Bengal."

- The Department promotes youth development through sports infrastructure, training academies, cultural activities, and talent scouting across the state.

- Its vision includes nurturing employability, scientific thinking, and character building in youth via moral development, sports, and cultural platforms.

- The Department operates under the Sports & Youth Affairs Ministry led by Aroop Biswas, who has served since 18 November 2015

Key features

Update of senior officials and board members and key personnel

Update of contents on website

Add new notices, tenders, other documents, and removal of old documents on website

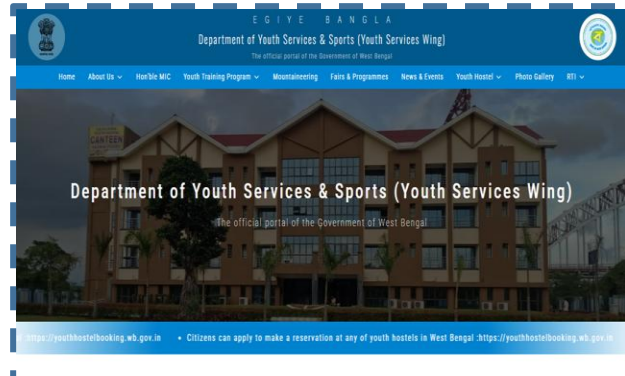Update of stadium details and latest events

Add / Remove event images

Recent Activities

- Content update in sports website.
- Content update in services website.
- Debugging application.
- Completed Security Audit.
- Hosting the portal in State data centre in production environment.

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

No. of youth computer training centres: **986**

No. of advanced diploma courses: **3**

No. of certificate courses: **9**

No. of vocational training centres: **14**

No. of diploma courses: **7**

No. of mountaineering courses: **6**

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

PostgreSQL   Laravel   React

Highlights

https://tantibandhu.wb.gov.in **PRISM Id: 21211**

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

- The Marketing Incentive Scheme strengthens West Bengal's handloom sector with sales support and competitiveness.
- Funded jointly by 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

Recent Activities

1. **Updated DO Mapping Structure**
   ➢ The existing mapping structure for DO (previously one district–one user / one district–multiple users) has been updated to allow users to be tagged with multiple districts

2. **Updated Claim Routing Logic**
   ➢ With the new DO mapping, the entire claim movement logic was revised

3. Backlog Claims Mapping Update
4. Report Section Enhancements

Summary/Training

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

Technology Used

PostgreSQL   Laravel

Different Modules in the System

Registration & Login   Claim   SLPC   News Post

Report   Official Creation & Updation   Role wise Action

MARRIAGE REGISTRATION IN WEST BENGAL

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 **684583** nos. of marriages under Special Marriage Act 1954 and **435436** nos. of marriages under Hindu Marriage Act 1955 has been registered through this portal. The introduction of the portal has benefitted the parties to the marriages and registration to register their marriages seamlessly. They can apply online themselves from their desktop or even using their mobile phone. They can choose the appropriate Marriage Officer properly, as per their choice avoiding any middle man. By the introduction of this online marriage registration; Bigamy, Polygamy and child marriages have been intercepted successfully. Now by capturing biometric detail through the portal; administration is trying to identify properly the parties and the witnesses of the respective registration. So that the above-mentioned goals can be attend more effectively.

YEAR WISE CERTIFICATES GENERATED

Year	Certificate Generated
2019	89932
2020	149754
2021	189217
2022	183961
2023	168948
2024	171447
2025(till 30-11-2025)	166326

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)

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

KEY FEATURES

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

KEY SERVICES

G2C - Return Filing (WBST, VAT, CST, Entry Tax)	G2C - Statutory Form Generation , Uploading Forms by outside States
G2C - Appeal-Revision-Review	G2G Services for Revenue monitoring
GST Analytics system - GST PRIME	G2G Services for better Office Administration

IMPACT

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

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

eFiling of Return (VAT, CST, WBST, Sales Tax Deducted at Source-STDS)	Statutory Forms (C, F, EI, EII, F)	Assessment	Tax Recovery	Appeals	Forms uploaded from outside states
59	110	0	1	0	3

West Bengal Procurement Portal
wbtenders.gov.in

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

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

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

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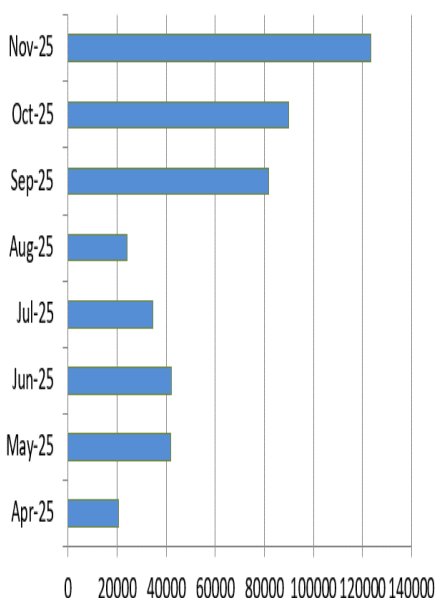
During November 2025

#Value –₹ 116 Crores	#Tenders 1,23,276

Cumulative Since Inception

#Value –₹ 7351 Crores	#Tenders 22.26 Lakh

Cumulative Since Inception

#Bidders/ Contractors 85554	Departmental Users 19609

Active registered Organizations: 9026

TRAINING SESSIONS IN NOVEMBER 2025

1. **Ministerial Staff of Forest Department, Govt. of West Bengal** held at NSATI, Block FC, Sector III, Salt Lake, Kolkata-700106 held on 14.11.2025. 28 officials attended the training
2. **WRI & DD, Govt. of West Bengal** held at NSATI, Block FC, Sector III, Salt Lake, Kolkata-700106 held on 20.11.2025. Around 30 officials attended the training.
3. **Regional Institute of Correctional Administration (RICA)**, 1/1, Reservoir Road, Dum Dum, Kolkata-700028 on 27.11.2025. Around 22 officials attended the training.
4. **Engineers of WRI & DD, Govt. of West Bengal held at NSATI**, Block FC, Sector III, Salt Lake, Kolkata-700106 held on 28.11.2025. Around 30 officials attended the training

Hod: Amit Mazumder (hod.ep-wb@nic.in)   SIO: Shri. Atanu Das (sio-wb@nic.in)

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PROJECT NAME	PRISM ID	PROJECT URL
Integrated Online Salary Management System (i-OSMS DVET) Version 2.0	18086	https://dvet.wb.gov.in/

HIGHLIGHTS

Seamless Salary Management: Automated salary processing with IFMS integration.

Recurring Grant Management: Recurring grant disbursement for VTC with IFMS**.**

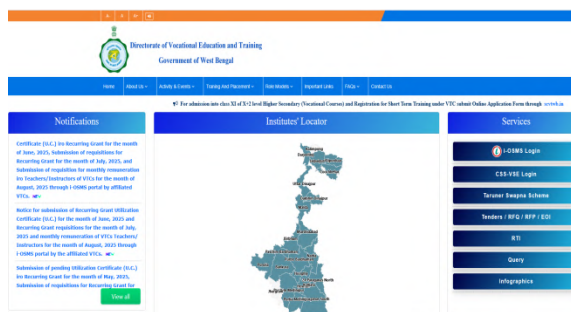**Taruner Swapna:** Disbursement of amount RS-10000 for each student under Taruner Swapna Scheme.

Online P-TAX Processing.

Profile Management: Secure profile updates for employees.

Barcode Based Report Authentication System.

Employee Benefits: Timely processing of bonuses, Appraisal and other benefits.

FAQ SYSTEM Related to VTC with Maps.

Graph for Remuneration

- No of VTC – 2586
- No of Teacher/ Instructor – 11126
- Monthly Remuneration Disbursement – RS 117635352
  Late Drawl Disbursement – RS 599116
- Monthly Recurring Grant Disbursement – RS 1,32,74,446
  Number of active beneficiaries under Taruner Swapna Scheme – 63904
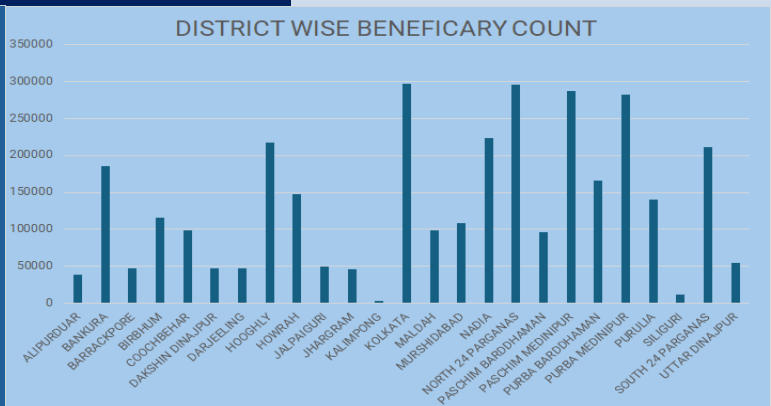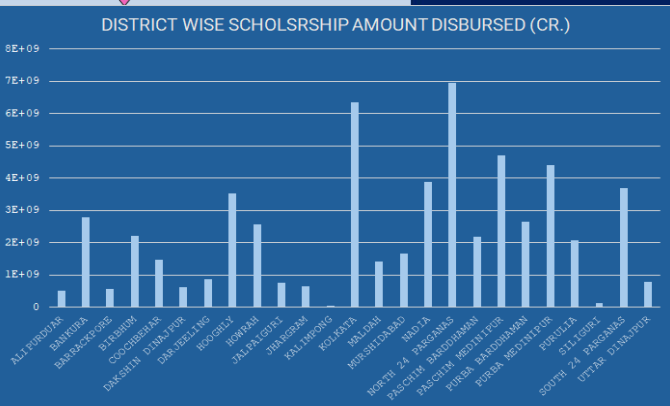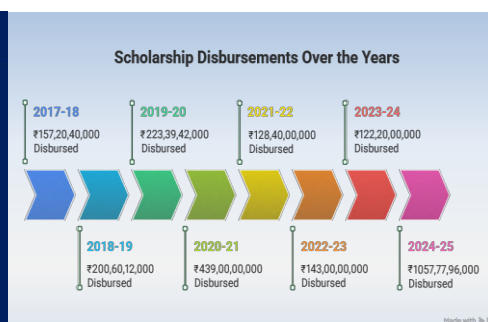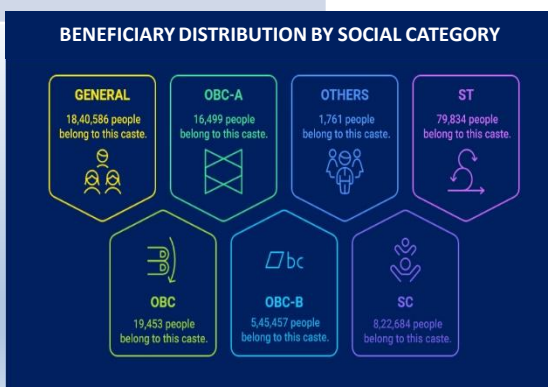- Disbursement of Tab fund under Taruner Swapna scheme RS - 494940000
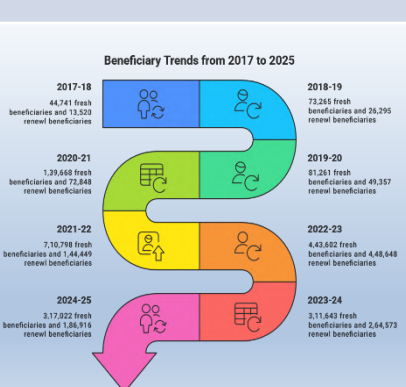
PROJECT NAME	PRISM ID	PROJECT URL
SWAMI VIVEKANANDA MERIT-CUM-MEANS SCHOLARSHIP	17937	https://svmcm.wb.gov.in/

HIGHLIGHTS

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

TECHNOLOGIES

Beneficiary Trends from 2017 to 2025

- **2017-18** 44,741 fresh beneficiaries and 13,520 renewl beneficiaries
- **2018-19** 73,265 fresh beneficiaries and 26,295 renewl beneficiaries
- **2019-20** 81,261 fresh beneficiaries and 49,357 renewl beneficiaries
- **2020-21** 1,39,668 fresh beneficiaries and 72,848 renewl beneficiaries
- **2021-22** 7,10,798 fresh beneficiaries and 1,44,449 renewl beneficiaries
- **2022-23** 4,43,602 fresh beneficiaries and 4,48,648 renewl beneficiaries
- **2023-24** 3,11,643 fresh beneficiaries and 2,64,573 renewl beneficiaries
- **2024-25** 3,17,022 fresh beneficiaries and 1,86,916 renewl beneficiaries

BENEFICIARY DISTRIBUTION BY SOCIAL CATEGORY

- **GENERAL** 18,40,586 people belong to this caste.
- **OBC-A** 16,499 people belong to this caste.
- **OTHERS** 1,761 people belong to this caste.
- **ST** 79,834 people belong to this caste.
- **OBC** 19,453 people belong to this caste.
- **OBC-B** 5,45,457 people belong to this caste.
- **SC** 8,22,684 people belong to this caste.

Scholarship Disbursements Over the Years

- **2017-18** ₹157,20,40,000 Disbursed
- **2018-19** ₹200,60,12,000 Disbursed
- **2019-20** ₹223,39,42,000 Disbursed
- **2020-21** ₹439,00,00,000 Disbursed
- **2021-22** ₹128,40,00,000 Disbursed
- **2022-23** ₹143,00,00,000 Disbursed
- **2023-24** ₹122,20,00,000 Disbursed
- **2024-25** ₹1057,77,96,000 Disbursed

DISTRICT WISE SCHOLSRSHIP AMOUNT DISBURSED (CR.)

DISTRICT WISE BENEFICARY COUNT

HOG: Ratikanta Chail, Scientist-F ✆: rk.chail@nic.in
Project Coordinator: Dibyendu Aich, Scientist-D ✆: dibyendu.aich@nic.in
SIO: Shri Atanu Das, Scientist G ✆: sio-wb@nic.in

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

PROJECT NAME	PRISM ID	PROJECT URL
WEST BENGAL STUDENT CREDIT CARD	18764	https://wbscc.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].

TECHNOLOGIES

Top Seven Courses

01 B.Tech.-Bachelor of Technology — Loan Application Sanctioned 22,813
02 G.N.M.-General Nursing & Midwifery — Loan Application Sanctioned 17,134
03 M.B.A.- Master of Business Administration — Loan Application Sanctioned 8,513
04 B.Sc.(Nursing)-Bachelor of Science in Nursing — Loan Application Sanctioned 6,834
05 B.C.A.-Bachelor of Computer Applications — Loan Application Sanctioned 4,670
06 B.B.A.-Bachelor of Business Administration — Loan Application Sanctioned 3,753
07 B.Pharm.-Bachelor of Pharmacy — Loan Application Sanctioned 3,278

LOAN SANCTION DISTRIBUTION BY SOCIAL CATEGORY

GENERAL 64,695 | OBC 19,573 | OTHERS 87 | SC 14,699 | ST 1,328

Loan Applications Sanctioned by Annual Family Income

42,592 — 0 - 1 Lakh — Highest number of applications sanctioned
29,626 — 1 - 2.5 Lakh — Significant applications in lower middle income
14,032 — 2.5 - 5 Lakh — Moderate applications in middle income
10,267 — 5 - 10 Lakh — Fewer applications in upper middle income
3,833 — > 10 Lakh — Lowest applications in high income

Top 10 Districts of West Bengal

Student Credit Card Loan Sanctioned

HOWRAH — 5,754 Loans
KOLKATA — 12,103 Loans
NORTH TWENTY FOUR PARGANAS — 13,788 Loans
SOUTH TWENTY FOUR PARGANAS — 8,706 Loans
HOOGHLY — 6,723 Loans
PURBA MEDINIPUR — 8,784 Loans
PASCHIM BARDHAMAN — 7,273 Loans
PASCHIM MEDINIPUR — 6,077 Loans
PURBA BARDHAMAN — 5,311 Loans

Made with Napkin

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

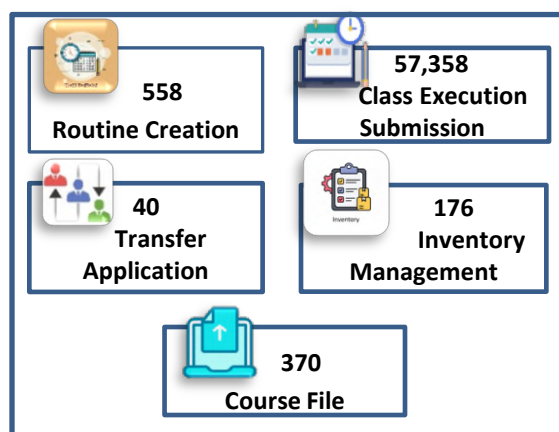| PROJECT NAME	PRISM ID	PROJECT URL
eGovernance Portal of Govt. Polytechnics	17832	https://polytechnic.wbtetsd.gov.in

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.

558 Routine Creation

57,358 Class Execution Submission

40 Transfer Application

176 Inventory Management

370 Course File

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.**
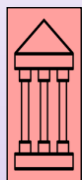

E-COURTS
Transforming Justice delivery by ICT enablement of Courts
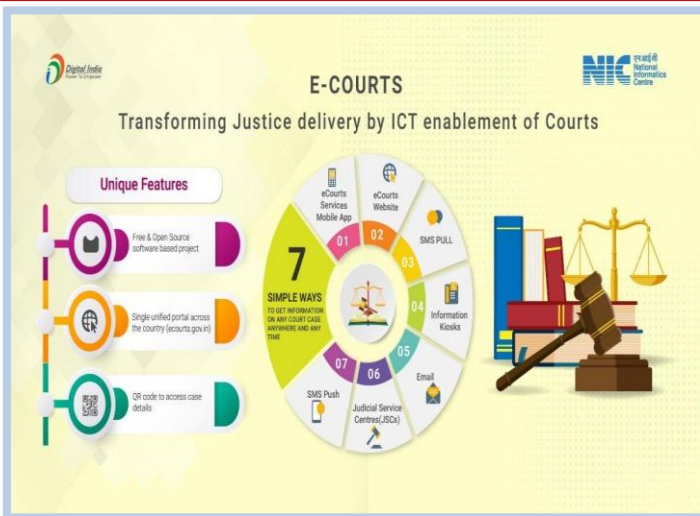
High Court at Calcutta

Bench	Institution (in Current Year)	Disposal (in Current Year)
Principal Bench , Original Side	4,327	3,947
Principal Bench , Appellate Side	47,856	54,852
Circuit Bench at Jalpaiguri	5,728	4,868
Circuit Bench at Port Blair	1,036	921

glance

🏛 Court Complexes: **92**

📄 Cases in DB (pending & disposed): **9927338**

⚖ Court Establishments: **277**

📄 Orders: **14078972**

• Till 02nd Dec. 2025 morning

E-filing count (as on 30th Nov.,2025): 324 Main Case & 1004 Applications

(Hon'ble High Court at Calcutta)

IT initiatives at Calcutta High Court

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

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

Periphery applications based upon CIS at Calcutta High Court

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

HIGHLIGHTS

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

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

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

It helps to visualize the information using interactive GIS maps.

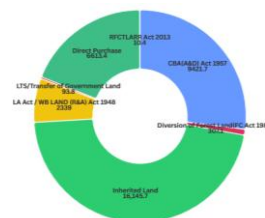Compensation, Employment modules helps the citizens to monitor their claims.
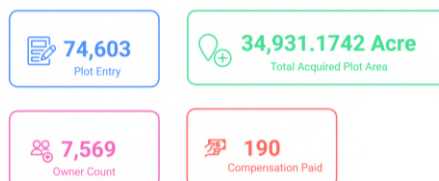
KEY FEATURES
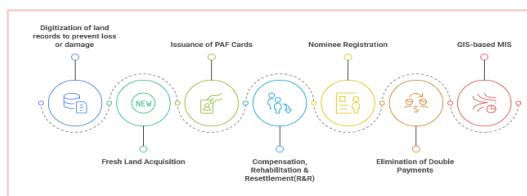
TECHNICAL STACK

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

Acquisition Mode-wise Area Acquired

STATISTICS

74,603 — Plot Entry

34,931.1742 Acre — Total Acquired Plot Area

7,569 — Owner Count

190 — Compensation Paid

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

HIGHLIGHTS

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

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

KEY FEATURES

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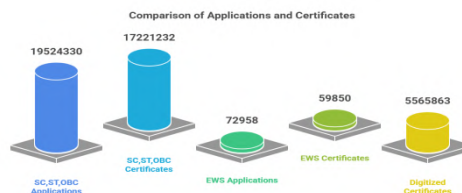7. 7 API Publish through NAPIX

TECHNICAL STACK

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

GRAPH
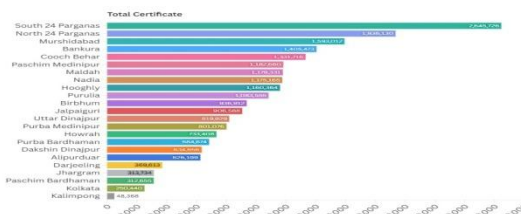
STATISTICS

PROJECT NAME	PRISM ID	PROJECT URL
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
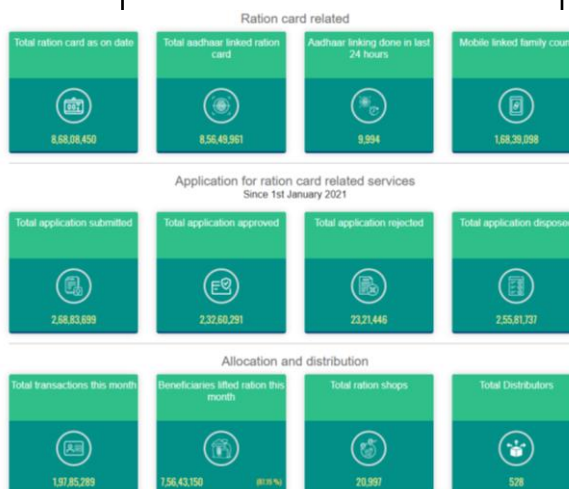
.Net Core
.Net
**MSSQL DB**

STATISTICS

Total Beneficiary	– 8.75 Cr
Total Transactions	– 2.52 Cr
Aadhaar Authenticated Transaction	– 99.98 %
RC Related Services	– 177522

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.
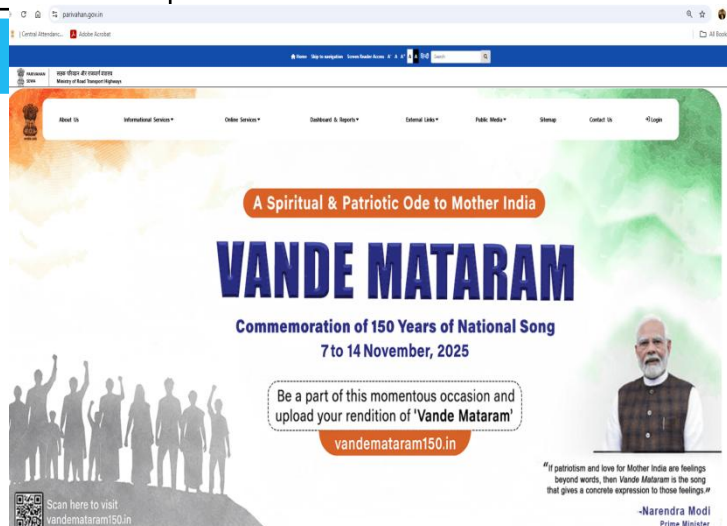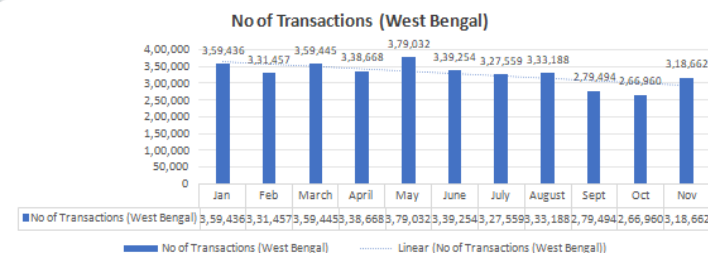
Implementation / Benefits of Citizen:

➢ 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

Angular	Bootstrap	jQuery 3.6.0	PostgreSQL	php	Zend

Graph

No of Transactions (West Bengal)

	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov
No of Transactions (West Bengal)	3,59,436	3,31,457	3,59,445	3,38,668	3,79,032	3,39,254	3,27,559	3,33,188	2,79,494	2,66,960	3,18,662

No of Transactions (West Bengal)   Linear (No of Transactions (West Bengal))

Statistics

✓ No. of e-Challans Nov'2025 (All India) :79,67,176
✓ No. of e-Challans cumulative (All India) : 34,89,73,719
✓ No. of e-Challans Nov'2025 (West Bengal) :3,18,662
✓ No. of e-Challans cumulative (West Bengal) : 97,06,875

HoD: : Sh. Manas Kr Bhattacharya, Scientist -F   Email Id: shod10-wb@nic.in
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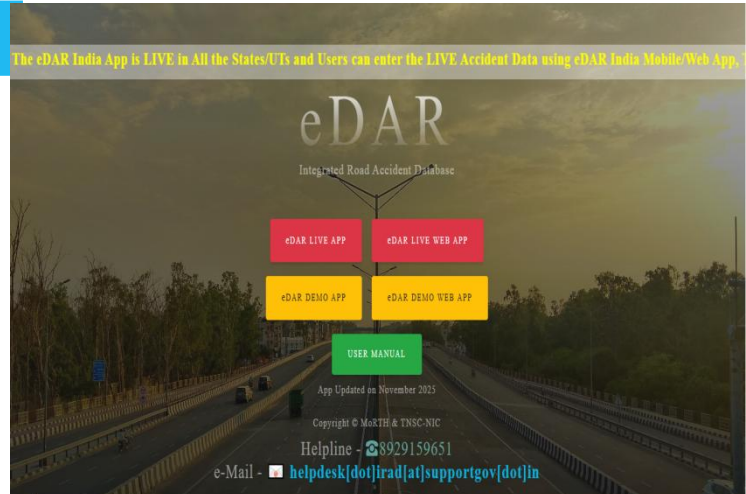| Project Name	Prism Id	Project URL
e-Transport (iRAD)		https://irad.parivahan.gov.in/

Highlights

The iRAD Project covers the core activities :

➢ The Integrated Road Accident Database (iRAD) Project is an initiative of the Ministry of Road Transport and Highways (MoRTH), Government of India. The purpose of iRAD project is to provide mechanism to collect and analyse road accident data from all over West Bengal State to understand the causal factors of the accident and formulate new interventions and policies to facilitate reduction in the number of road accidents thereby enhancing road safety in India.

➢ The data is fetched from VAHAN and SARATHI Portal into iRAD Application for accident entries. iRAD Application will be integrated with CCTNS Server for FIR details soon.

➢ iRad/eDAR enhances the value proposition for citizens by making the road accident claims process more efficient, transparent, and less burdensome, ultimately leading to a better experience for those affected by road accidents.
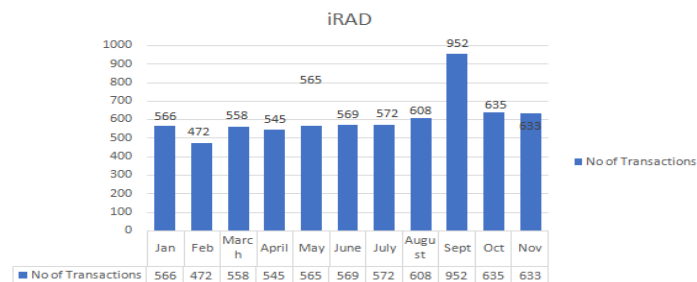
Implementation / Benefits of Citizen:

➢ The insights gained from iRAD are used to inform policy decisions, road safety campaigns, and engineering improvements aimed at reducing accidents.

➢ iRad/eDAR enhances the value proposition for citizens by making the road accident claims process more efficient, transparent, and less burdensome, ultimately leading to a better experience for those affected by road accidents.

Technical Stack

Centrally Developed

Graph

	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov
No of Transactions	566	472	558	545	565	569	572	608	952	635	633

Statistics

✓ No. of accidents recorded Nov'2025 : 633
✓ No. of accidents cumulative :16,647

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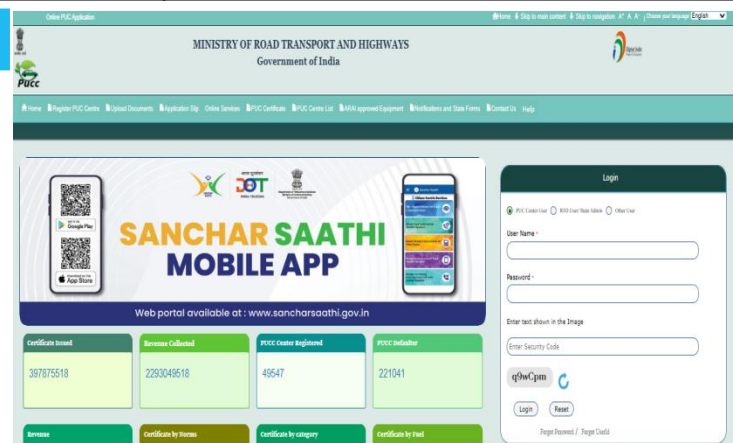| Project Name	Prism Id	Project URL
e-Transport (PUCC)		https://puc.parivahan.gov.in/puc/

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.
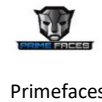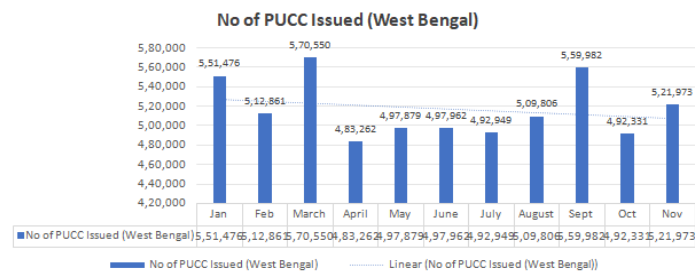
Implementation / Benefits of Citizen:

➢ 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

JSF 2.X	Primefaces	JDK 17	Spring Boot	Postgres SQL	Kotlin

Graph

No of PUCC Issued (West Bengal)

	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov
No of PUCC Issued (West Bengal)	5,51,476	5,12,861	5,70,550	4,83,262	4,97,879	4,97,962	4,92,949	5,09,806	5,59,982	4,92,331	5,21,973

No of PUCC Issued (West Bengal)   .... Linear (No of PUCC Issued (West Bengal))

Statistics

✓ No. of PUCC issued (All India) Nov'2025 :74,68,056
✓ No. of PUCC issued (All India) cumulative :39,78,75,520
✓ No. of PUCC issued (West Bengal) Nov'2025 :5,21,973
✓ No. of PUCC issued (West Bengal) cumulative: 3,14,88,397

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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 withLearner'sLicence, 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.
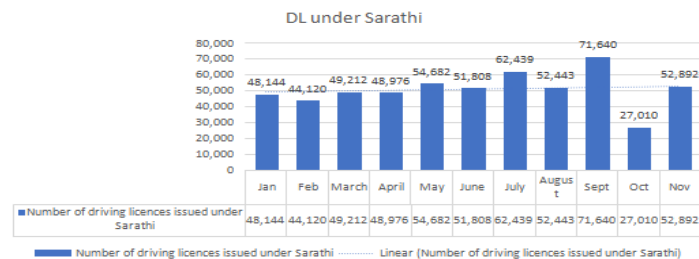
Implementation / Benefits of Citizen:

✓ 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

DL under Sarathi

	Jan	Feb	March	April	May	June	July	August	Sept	Oct	Nov
Number of driving licences issued under Sarathi	48,144	44,120	49,212	48,976	54,682	51,808	62,439	52,443	71,640	27,010	52,892

Number of driving licences issued under Sarathi .... Linear (Number of driving licences issued under Sarathi)

Statistics

✓ No. of transactions (SARATHI) Nov'2025 :9,65,392
✓ No. of transactions (SARATHI) cumulative :3,84,76,526
✓ No. of DL issued (SARATHI) Nov'2025 :52,892
✓ No. of DL issued (SARATHI) cumulative :99,86,829

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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

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.

Statistics

✓ No. of transactions (VAHAN) Nov'2025 :4,51,858
✓ No. of transactions (VAHAN) cumulative :12,77,49,551
✓ Vehicle Registration (VAHAN) Nov'2025 :1,44,986
✓ Vehicle Registration (VAHAN) cumulative :1,78,85,844
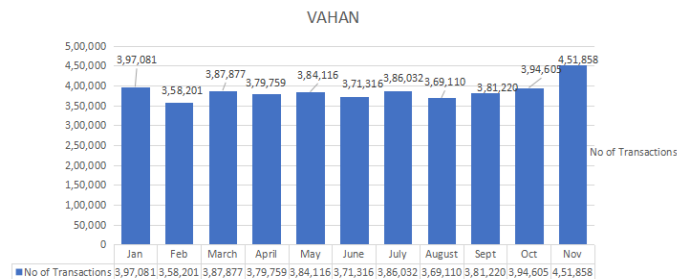
HoD: : Sh. Manas Kr Bhattacharya, Scientist -F   Email Id: shod10-wb@nic.in
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SIO: : Sh. Atanu Das, Scientist -G   Email Id: sio-wb@nic.in

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

Highlights

The e-Detection Project covers the core activities :

➢ e-Detection portal detects defaulters (Tax, fitness of vehicle, Insurance) vehicles while passing through toll plaza and then take necessary actions by Transport Department. In West Bengal pilot project has been just started (June-2025) at Debra toll plaza and inaugurated by West Bengal Transport Officials along with NIC officials.

➢ Enhances enforcement efficiency and revenue collection by automating detection of defaulter vehicles

➢ Flow of actions:

i)Vehicles passing through toll plazas

ii) Passing vehicles data of toll plazas fetched through e-detection portal

iii) Motor vehicle inspector inward challan for all default vehicles through e-detection

iv) Vehicle owners can pay challan amount through echallan portal.

Implementation / Benefits of Citizen:

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

Technical Stack

Centrally developed

Graph
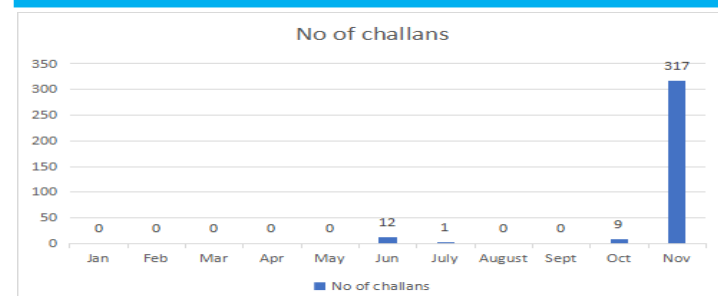
Statistics

✓ No. of challans (e-Detection) Nov'2025 : 317
✓ No. of challans (e-Detection) cumulative : 339

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

Highlights

The CMS Project covers the core activities :

➢ User Authentication and Authorization

➢ Form based Entry and Update of Schemes

➢ Entry of Scheme Status

➢ Reporting Workflow

➢ Report Compilation at State Level

➢ Data Visualization and Analysis

➢ Notifications and Alerts

➢ User Management

➢ Data Export

➢ Security Features

➢ Reporting Categories and Templates

➢ Data Quality Checks

➢ Demonstration to The Transport Department

Technical Stack

Laravel	Bootstrap	jQuery 3.6.0	Postgre SQL	Highchart	Java script
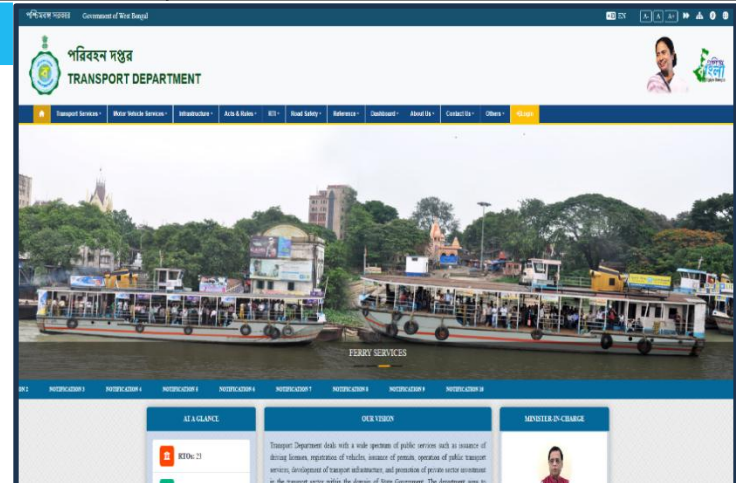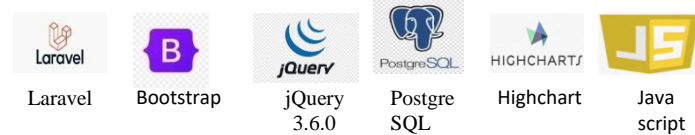
Graph

In development stage

Implementation / Benefits of Citizen:

✓ In development stage

Statistics

✓ In development stage

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

HIGHLIGHTS

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

Impact: Around 3.49 Crores applications have been enrolled under this programme throughout the state. Around 3.41 Crores applications 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: November 2025
Enrolled Applications – 2,80,698
Sanctioned Applications – 4,14,919
Unique Beneficiaries –1,18,393

Statistics: Since Inception (Oct 2013)
Enrolled Applications – 3.49 Crores
Sanctioned Applications – 3.41 Crores
Unique Beneficiaries – 96.2 Lakh

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

"Rupashree Prakalpa" is a flagship programme of GoWB for economically stressed families to provide cash assistance is Rs.25,000 at the time of their adult daughters' marriages. Rupashree Online is the e-Governance mechanism of the scheme which provides end-to-end ICT enablement from beneficiary enrolment to direct benefit transfer.
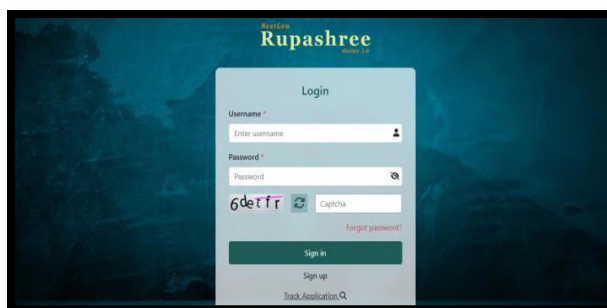
Technical Stack
Laravel 10, PHP 8.1, Apache2.4, PostgreSql 17

Statistics since inception
Covered District – 24
Covered Block/Municipality – 473
Total Beneficiary – 19,69,053

Beneficiary – 30,292(November, 2025)

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

HIGHLIGHTS

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

Impact:
Total No. of Interventions reported in CMRTS portal: 12,089 Enhanced value to citizen:
End-to-end ICT enabled solution
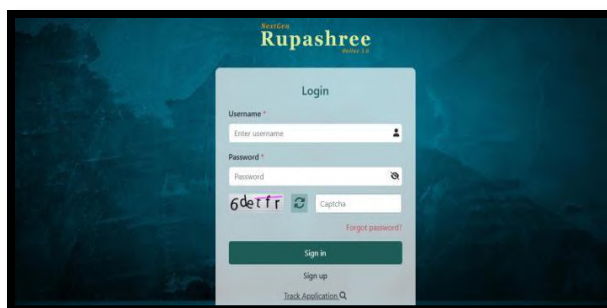
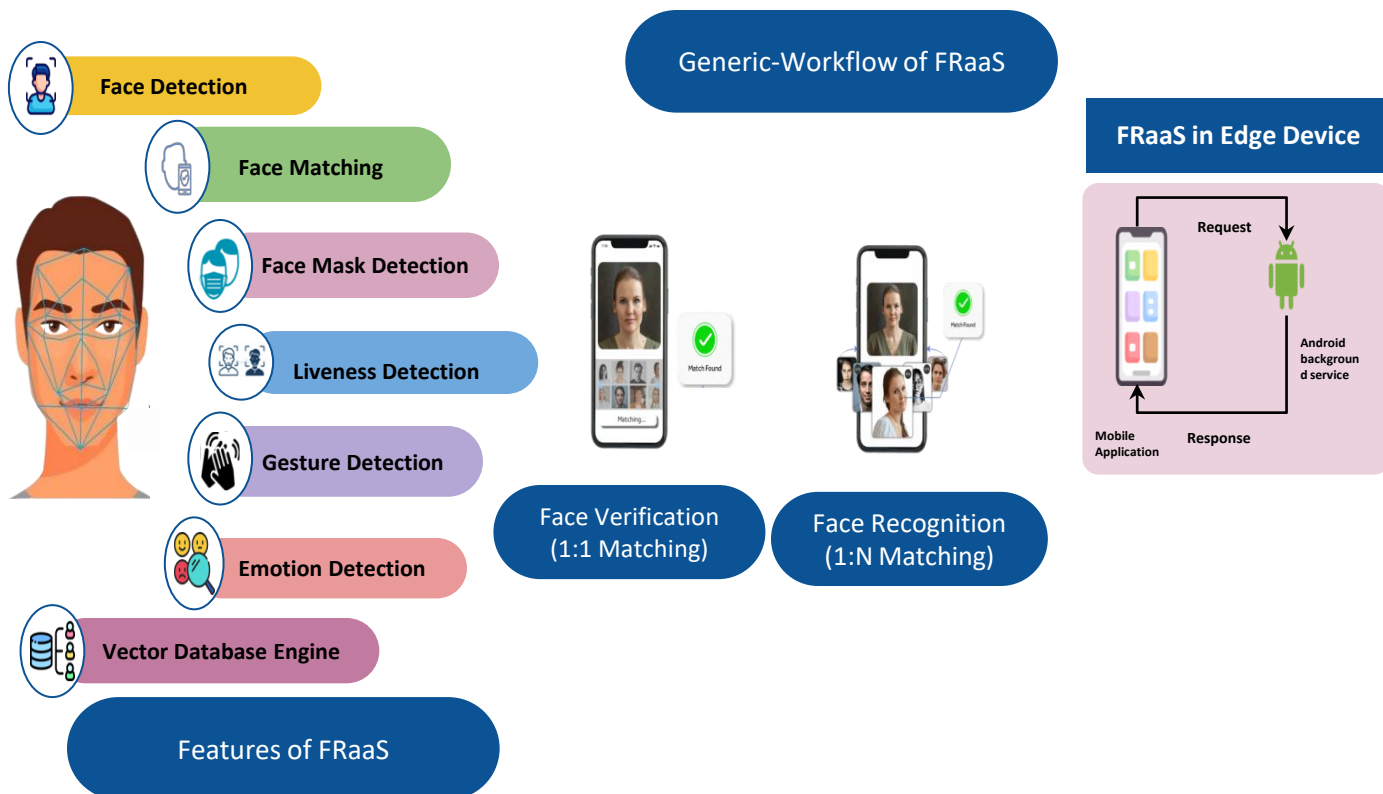### Technical Stack
CodeIgniter 3, PHP 7.4, Apache2.4, PostgreSql 13

Statistics since inception
Intervention Reported –12,089
Home Enquiry Done –10,264
Follow-up Done –40,261

Statistics: November, 2025
Intervention Reported – 603
Home Enquiry Done – 307
Follow-up Done – 2115

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

Features of FRaaS

- Face Detection
- Face Matching
- Face Mask Detection
- Liveness Detection
- Gesture Detection
- Emotion Detection
- Vector Database Engine

Generic-Workflow of FRaaS

Face Verification (1:1 Matching)

Face Recognition (1:N Matching)

FRaaS in Edge Device

Request

Android background service

Mobile Application

Response

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

FRBAS - PBSSD

FRBAS - School (Proposed)
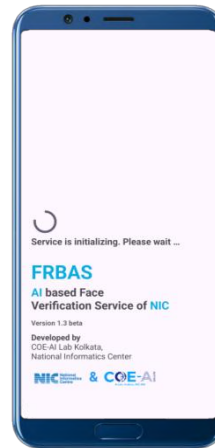
FRBAS (offline) - Agristack

FRBAS – Employee Attendance

FRBAS - Anganwadi (Proposed)

FRBAS - ARD (Proposed)

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

FRBAS-PBSSD

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

Group Attendance

3,58,649 Trainers and Trainees Registered

3401 Skill Development Training Centre On-boarded

10.32 crore API hit Generated for capturing Attendance since inception

**1.06 crore API hit Generated for marking Attendance in November, 2025**

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
Gendar: Female
Number: xxxxxxxxxxxx

4 **Information extraction**

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

1.26 Crore API hits recorded Since inception

5.47 lakh API hits recorded in November, 2025

49

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.

Captured image

AI Engine

Person count : 10
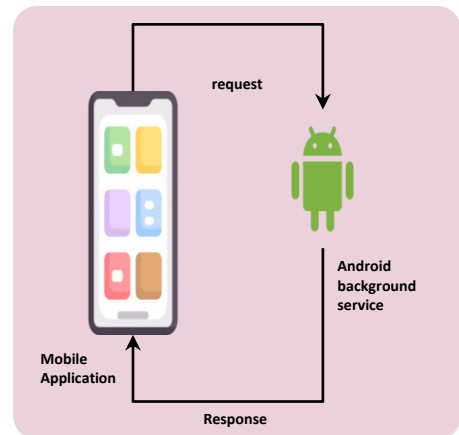
PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata **AI enabled beneficiary de-duplication service**		

Similarity Search as a Service for Texts and Images

Similar Image Results
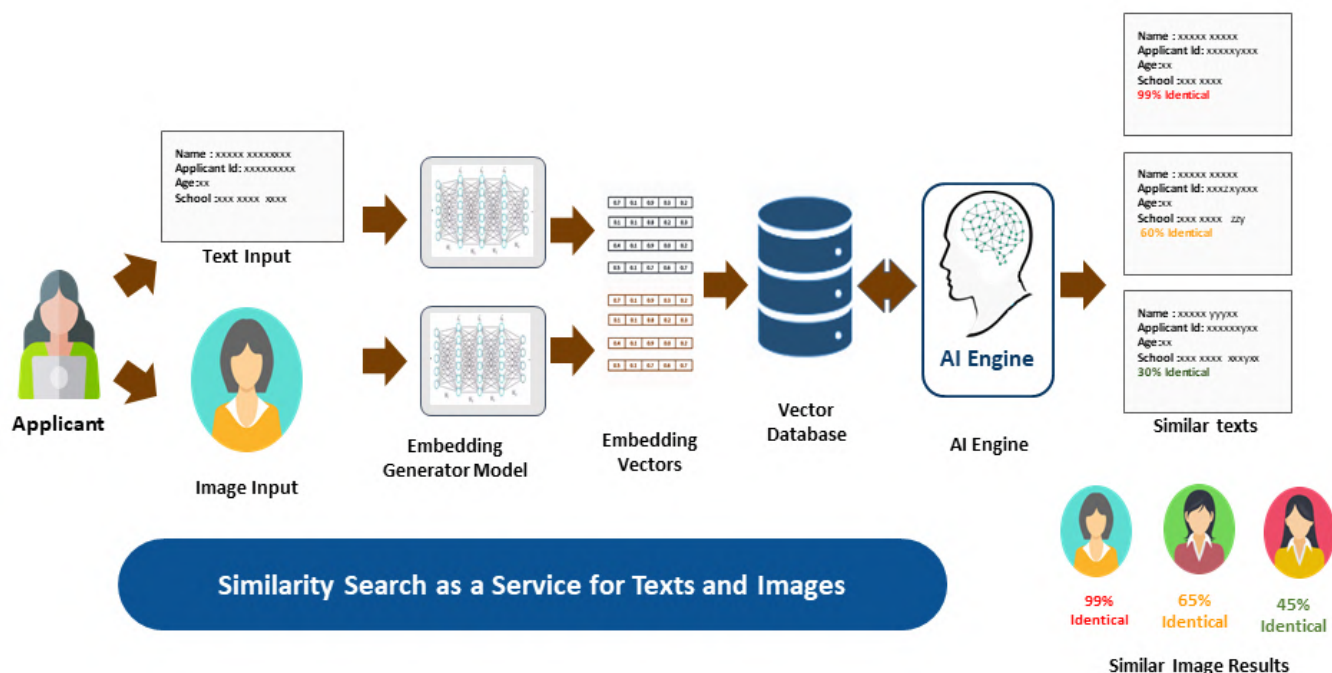
Statistics since inception
AI Transaction in Kanyashree – 3.22 Crores
AI Transaction in Rupashree – 59 Lakhs

Statistics November 2025
AI Transaction in Kanyashree – 1,95,111

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

AI Engine

Classes

1 Phyllosticta Leaf Spot

2 Healthy Leaf

3 Colletotrichum Blight

Predicted class: Colletotrichum Blight
Confidence score: 0.9188

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

API https://wbgateway.nic.in/cardamom

PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata **AI Services for e-Nathikaran**	**3792**	
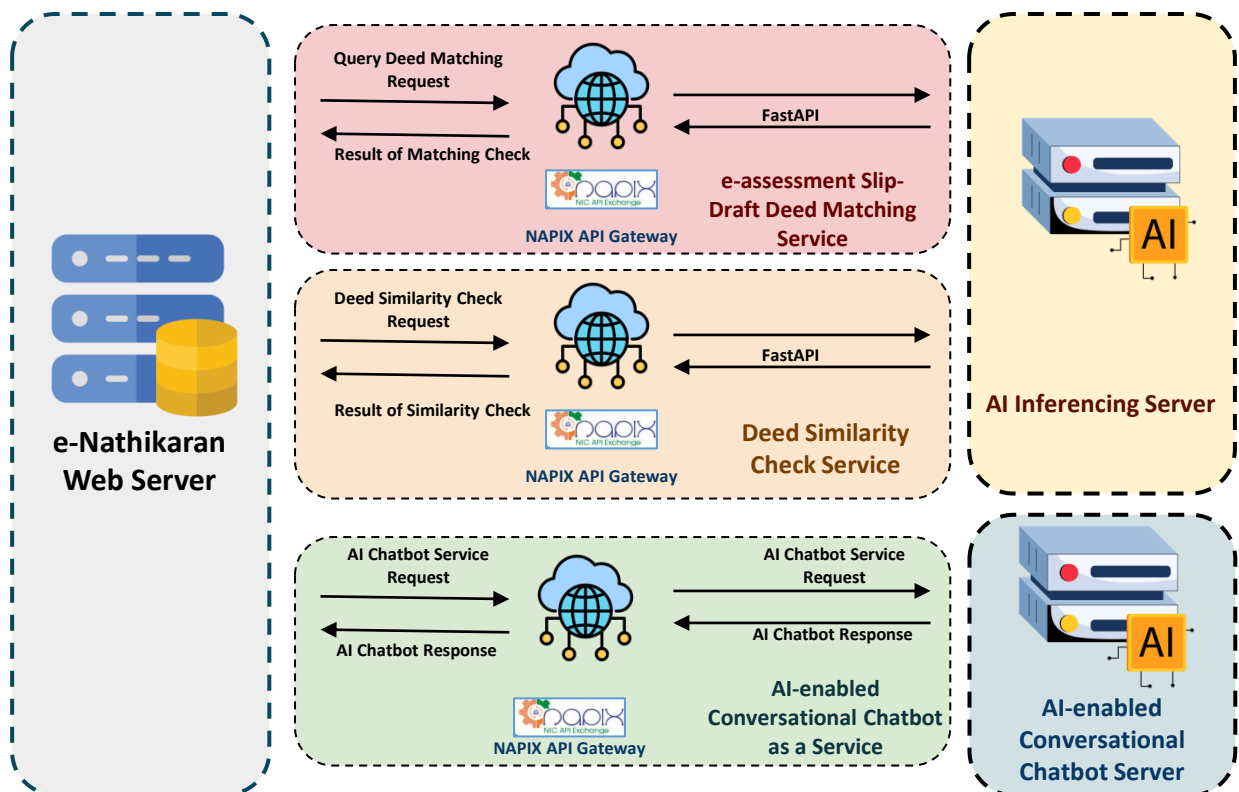
PROJECT NAME	PRISM ID	PROJECT URL
CoE AI Lab, Kolkata **AI Sanlaap** Conversational AI-based Multimodal Multilingual Chatbot Framework of NIC		

Multilingual
- English
- Bengali
- Hindi

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

Hybrid Architecture
- Knowledge-base Based
- RAG Based
- Rule Based

Customizable Knowledge Base (KB)

Knowledge Base Creation using RAG

Hybrid Answering system : RAG and KB

Rule based customized chat features

Statistical Report

Feedback

Proposed to

WCD & SW

EoDB

SRS

DORSR

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

Traditional Approaches

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

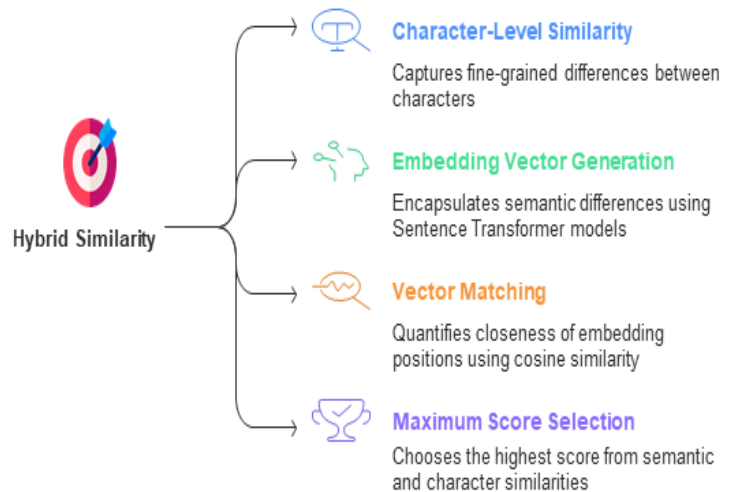No understanding of context or minor errors
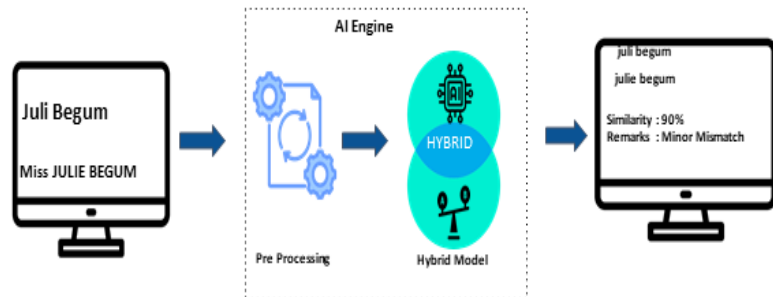
Word Embedding

Numeric representation of names

Captures basic context

Transformer-Based Methods (LLMs)

Understands semantics, transliterations, and variants.

Robust to surface-level differences

AI Engine

Juli Begum
Miss JULIE BEGUM

Pre Processing → HYBRID → Hybrid Model

juli begum
julie begum
Similarity : 90%
Remarks : Minor Mismatch

Hybrid Similarity

Character-Level Similarity
Captures fine-grained differences between characters

Embedding Vector Generation
Encapsulates semantic differences using Sentence Transformer models

Vector Matching
Quantifies closeness of embedding positions using cosine similarity

Maximum Score Selection
Chooses the highest score from semantic and character similarities

84,993 no of API hits recorded in November, 2025 (Being used for KP, RP, Lakshmir Bandar & Jai Bangla

Proposed to — KP — RP

West Bengal Social Registry
(Finance Department, Government of West Bengal)

NIC एनआईसी National Informatics Centre

Highlights: *(Prism Id:20967)*

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

URL : https://socialregistry.wb.gov.in
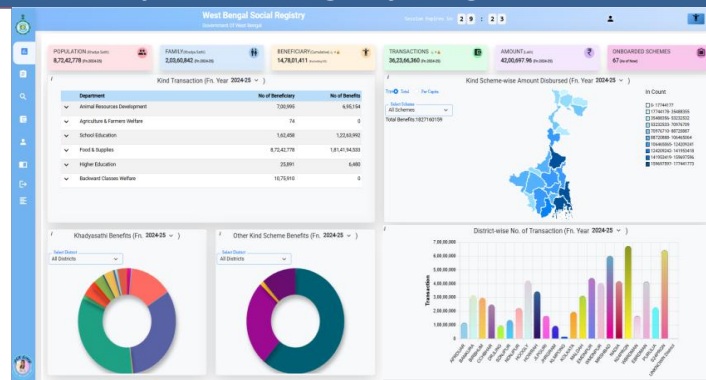
GIS-powered Statistical Profile
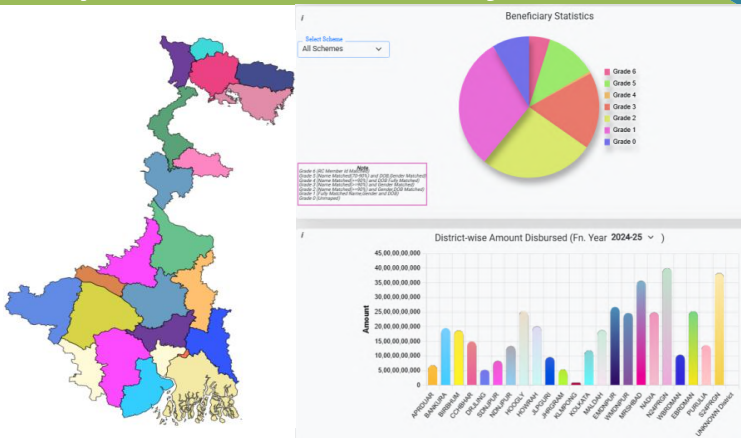
Key Features:

- 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:

- ◆ **Generated MIS reports** with slice-and-dice analysis on caste-based data, including statistical summaries and graphical visualizations.
- ◆ **Create gender-based drill-down reports** by LGD, from district to GP level, with graphical views.
- ◆ **Visualizing beneficiary data** by APL/BPL category in relation to KhadyaSathi card type classifications.
- ◆ **Updated Khadya Sathi data** via Kafka channel for newly Aadhaar-seeded records.
- ◆ **Implemented secure load testing and automated test data generation** with OTP/TPIN validation, alongside SFTP infrastructure setup integrated with Java and Python.
- ◆ **Finalized File Upload API** featuring robust archiving, hash chaining, and verifiable acknowledgement mechanisms

Usage Statistics

SCHEMES ONBOARDED
October '25	November '25	FY 2025-26
0	0	9

BENEFICIARY
October '25	November '25	FY 2025-26
1.97 lakhs	1.21 lakhs	14.78 Cr

TRANSACTION
October '25	November '25	FY 2025-26
2.00 Cr	6.07 Cr	21.05 Cr

Technology Stack:

Spring Boot, Angular, Visual Studio Code, node JS, kafka, Apache Tomcat, redis, PostgreSQL, elastic, ELK, Grafana, apisix
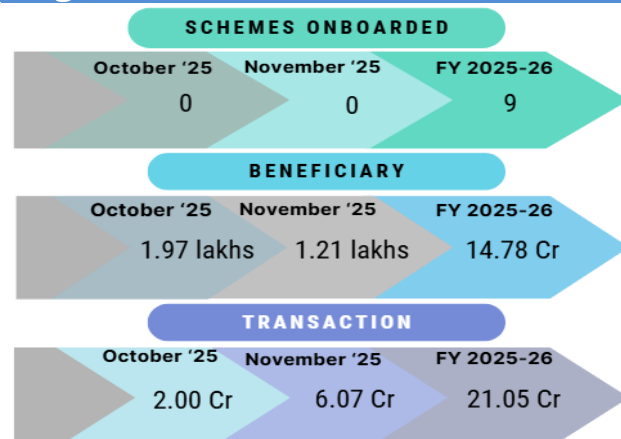
HOD: Shri Sarajit Dey, Scientist-F
Project Coordinator: Shri Arnab Pal, Scientist-D
SIO: Shri Atanu Das, DDG & Scientist-G

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

Port Operation Management System
(Kolkata Dock System, Shyama Prasad Mookerjee Port)
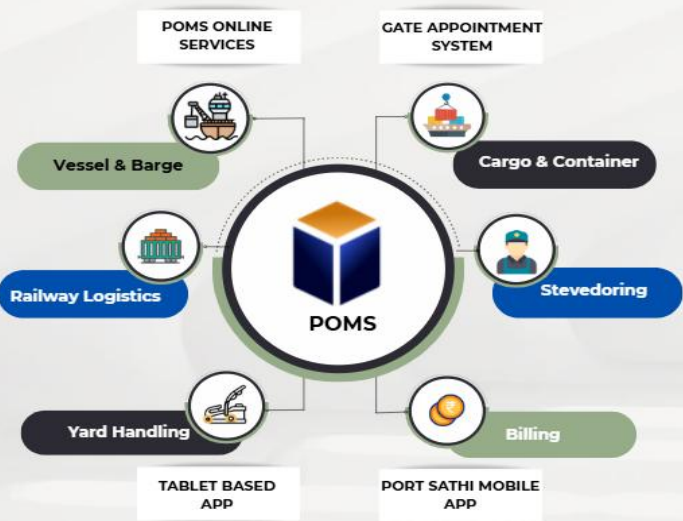
Highlights: *(Prism Id:20880)*
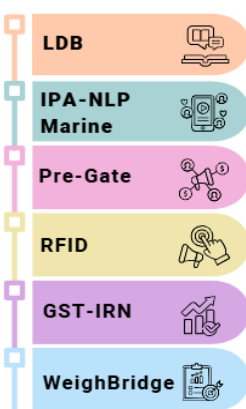
: https://kdseodb.smportkolkata.in

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

Key Functionalities:

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

Key Features:
- Role-Based User Access
- Email Bulletin Service for Business Data
- POMS EoDB Portal for Stakeholders
- End-to-End Process Management
- Covers Port Operational & Billing
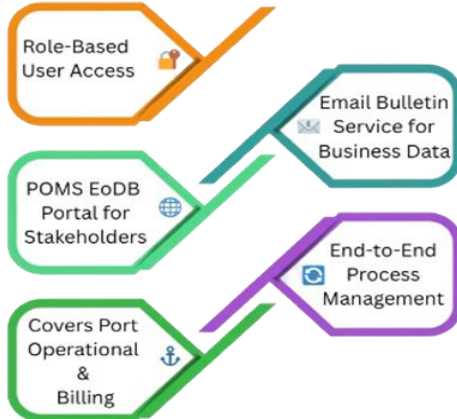
Recent Activities:

API Integration progressing: 4 inbound and 8 outbound messages ready for APSEZ–SMPK testing. 7 inbound and 86 outbound messages ready for CPL-POMS testing

Rail-Borne Bulk Cargo – 50% waiver on haulage, terminal, and consolidated handling charges at EJC/GCD yard

Handling charges: Consolidated handling charges introduced for fly ash movement via KDP-1, Budge Budge 72 hours free dock stay for handling fly ash

Enhancements:
GIS-based plot management tasks underway.
New Exigency Bill service added for fireman change
Empty container delivery provision added
Ongoing addition of new fenders-change service

POMS Online Revamp – Project underway.

Usage Statistics:

Key Entity	September' 2025	October' 2025	FY-2025-26
Vessel	85	97	687
Rake	275	249	2302
Vehicle	27123	29604	232372
Container	52147	56271	424642
Consignment	13863	14863	122632
Sagar Setu Messages	115652	128741	1000782
Invoice Count	15765	15574	126727

Technology Stack:

HOD: Shri Aniruddha Pal, Scientist-F & ASIO
Link Officer: Shri Sarajit Dey, Scientist-F
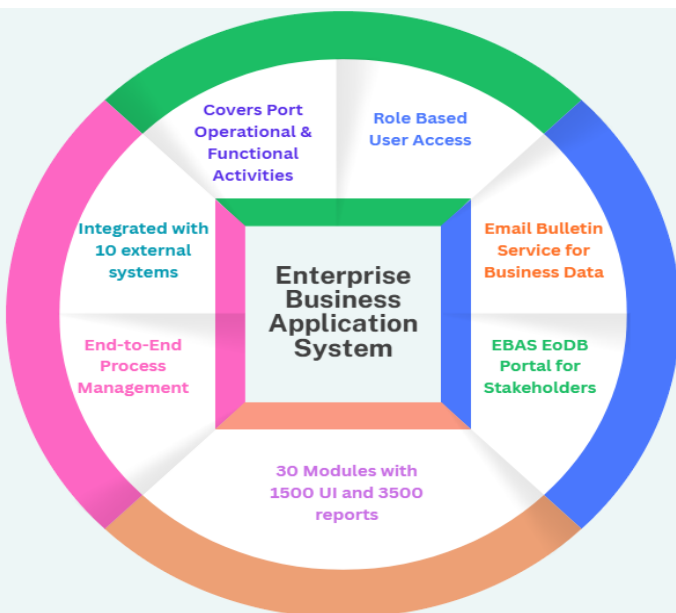SIO: Shri Atanu Das, DDG & Scientist-G

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

Enterprise Business Application System
(Haldia Dock Complex, Shyama Prasad Mookerjee Port)

NIC एनआईसी National Informatics Centre

Highlights: (Prism Id:20883)

: https://kdseodb.smportkolkata.in

In 2000, NIC/NICSI initiated a turnkey project at Haldia Port, resulting in the development of the Enterprise Business Application Software (EBAS), covering five operational and five functional divisions. Implemented in July 2003, EBAS has been continuously maintained and upgraded to meet evolving business needs.

Haldia Dock Complex ...the port of call for Eastern India

The last two years saw tough yet creative, out of the box administrative measures to facilitate business and create a new yardstick for 'Ease of Doing Business' at the port. The port is continuously pioneering digitization and paperless service delivery models to user in new mechanisms targeted at transparent and timely services... - Chairman, SMPK

Key Features:

- Covers Port Operational & Functional Activities
- Role Based User Access
- Integrated with 10 external systems
- Email Bulletin Service for Business Data
- End-to-End Process Management
- EBAS EoDB Portal for Stakeholders
- 30 Modules with 1500 UI and 3500 reports

Enterprise Business Application System

Integrations:

- EoDB
- GST Integrations
- LDB
- HICT
- IPA NLP Marine
- Mobile App

EBAS

Usage Statistics:

Operation Statistics	October 2025	November 2025	Total FY-2025-26
Vessel	172	182	1384
Rake	806	788	6754
Vehicle	5071	7557	32793
Container	18002	21006	135603
Consignment	4249	4282	31800
Tax Invoice	144685	171157	1249660
Sagar Setu Messages	15322	20852	227448

Recent Activities:

Developed pension-consolidation module: for Class-III and Class-IV employees (retired/deceased before 01-01-2022), supporting both consolidation methods with full reporting

API Integration: Completed onboarding for 31 inbound messages and 12 outbound message exchanges with NLP-M / Sagar Setu portal.

Created and corrected LAMS TDS adjustment interface for FY 2021–2023, including new applications and reports.

Updated CGHS medical benefit rates for retired employees at SMPK, including new applications and related reports

Implemented Electricity Bulk Billing module tested multiple bills, and integrated updates using the new technology stack

Initiated SH Division circular implementation for Direct and Feeder vessels with new rebate structure; redesigned mobile app UI and prepared process flow for Land & Estate module

Technology Stack:

Java | JSF | IBM Rational software | PrimeFaces | i-net Clear Reports | Apache Tomcat | PostgreSQL | Grafana | APISIX

HOD: Shri Aniruddha Pal, Scientist-F & ASIO
Link Officer: Shri Sarajit Dey, Scientist-F
SIO: Shri Atanu Das, DDG & Scientist-G

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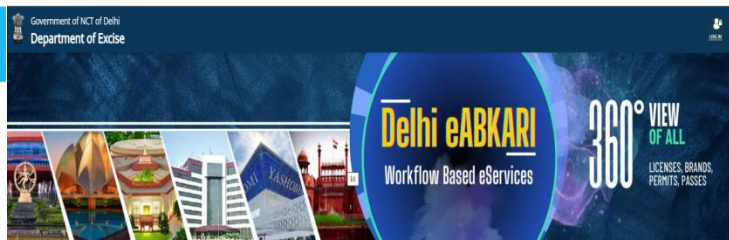✉: sio-wb@nic.gov.in

Project Name	Prism Id	Project URL
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.

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.

Technical Stack

ASP.NET   Sql Server   IIS 8.0   AJAX   Java Script   Gitlab

Graph

Date wise Permit Count

Import_Permit_Count
Transit_Transport_Permit_Count
Transport_Permit_Count
Transport_Permit_Dispatch_Count
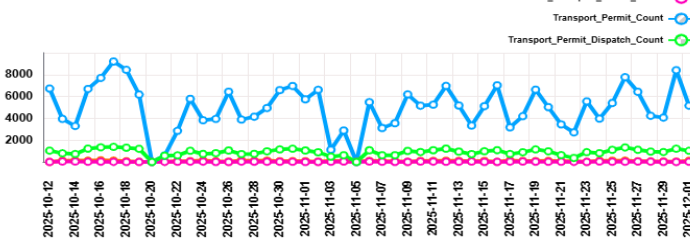
Statistics

✓ No. of Licensees: 4132
✓ No. of Permits : 16,13,770
✓ Corporation Bottle Sold : 58.61 Cr.
✓ HCR Bottle sales : 4.06 Cr.
✓ Country Liquor sales: 2.23 Cr.
✓ Total Revenue : 4070.1 Cr.

HoD:	: Sh. Manas Kr Bhattacharya, Scientist -F	Email Id: shod10-wb@nic.in
Other officers	: Smt. Rupa kar, Scientist -E	Email Id : officer1.eh-wb@nic.in
	Sh. Arindam Mukherjee, Scientist-D	Email Id : officer2.fcswb-wb@nic.in
	Smt. Shila Rani Sahoo , Scientist –D	Email Id : dio-klk@nic.in
	Ali Akbar Ansari, Scientist -D	Email Id : officer1.eh-wb@nic.in
	Sh. Rahul Gupta , Scientist -C	EMail Id : rahul.gupta94@nic.in
SIO:	: Sh. Atanu Das, Scientist -G	Email Id: sio-wb@nic.in

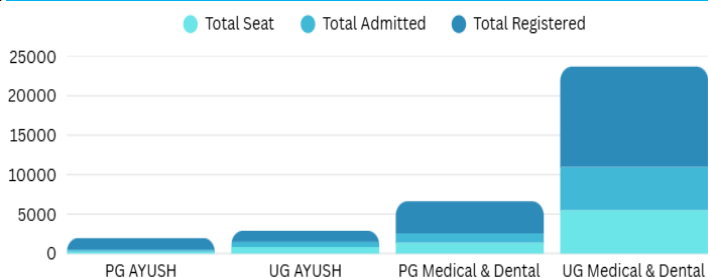| Project Name	Prism Id		Project URL
Medical Counselling (West Bengal)	PG Medical & Dental UG Medical Dental & Ayush PG Ayush	Prism ID: 2884 Prism ID: 3601 Prism ID: 3130	https://wbmcc.nic.in

Highlights

The Counselling Project covers the core activities of WBMCC:

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

INTRODUCTION

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

AREAS OF ACTIVITIES
1) Medical & Dental Admission Counselling
2) Seat Allotment & Admission Management
3) Candidate Registration & Doc. Verification
4) Information Dissemination & Support Service

WBMCC

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.

Technical Stack

ASP.NET	Sql Server	IIS 8.0	AJAX	Java Script	Gitlab

Graph

Total Seat · Total Admitted · Total Registered

(Bar chart with categories: PG AYUSH, UG AYUSH, PG Medical & Dental, UG Medical & Dental; y-axis 0 to 25000)

Statistics

✓ No. of Counselling Projects: 5
✓ Total Seats : 8,418
✓ Total candidates : 26.44 Lakhs
✓ Total Registered Candidates: 19,993
✓ Total Revenue: 3.66Cr.
✓ Total Admitted: 6,965

HoD: : Sh. Manas Kr Bhattacharya, Scientist -F   Email Id: shod10-wb@nic.in
Other officers : Smt. Rupa kar, Scientist -E (Project Co-Ordinator)   Email Id : rupa.kar@nic.in
         Sh. Rahul Gupta , Scientist -C   EMail Id : rahul.gupta94@nic.in
SIO: : Sh. Atanu Das, Scientist -G   Email Id: sio-wb@nic.in
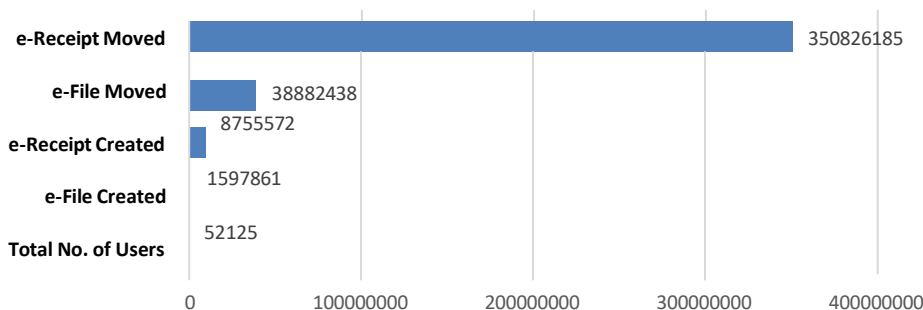
✓ *Currently, all 54 departments, 237 directorates/parastatals, all 22 districts, 39 sub-divisions are working in eOffice with around 40,000 files transacted daily.*

✓ *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 NOVEMBER 2025
GOVERMENT OF WEST BENGAL

Category	Value
e-Receipt Moved	350826185
e-File Moved	38882438
e-Receipt Created	8755572
e-File Created	1597861
Total No. of Users	52125

Future Road Map

✓ *It has been decided by GoWB to implement eOffice in all the directorates of all the secretariat departments. Works are in progress to achieve the target.*

✓ *In the next phase extend eOffice to all Sub-division and Block level. This would make West Bengal as a unique state to achieve complete eGovernance.*

✓ *It is also planned to have a Disaster Recovery (DR) setup in different geographic location for ensuring safety of data and also a Business Continuity Plan (BCP) to ensure availability of eOffice.*

DEPARTMENT UNDER CENTRAL GOVERMENT

✓ 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.

HOD: Dr. Siddhartha Sen, Director (IT), NIC, WB
Project Coordinator: Dr. Siddhartha Sen, Director (IT), NIC, WB
SIO : Shri Atanu Das, DDG & Sc-G

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✉ hod.sn-wb@nic.in
✉ sio-wb-wb@nic.in

www.nic.in
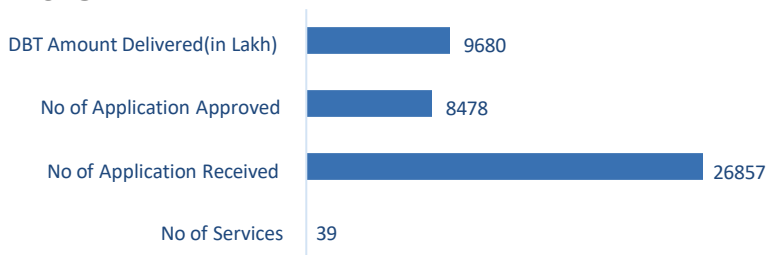
HIGHTLIGHT

All-in-one citizen engagement platform, used by State Government and Tea Board of India in West Bengal
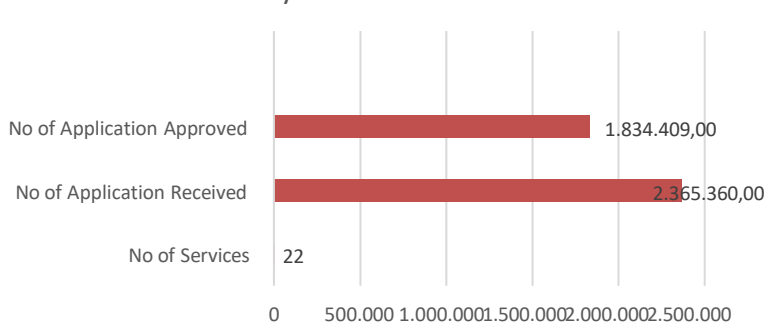
"Make all Government services accessible to the common man in his locality, through common service delivery outlets, and ensure efficiency, transparency, and reliability of such services at affordable costs to realize the basic needs of the common man"

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

- *E-Governance Services :* *Around 39 no of e-governances including DBT are being delivered for various schemes of Tea Board of India.*

- *Issuance of Certificates Services :* *Various certificates like income certificate, Residential Certificate, legal heir certificates etc being generated for Govt of West Bengal.*

Central Government Journey for November 2025

DBT Amount Delivered(in Lakh)	9680
No of Application Approved	8478
No of Application Received	26857
No of Services	39

State Government Journey for November2025

No of Application Approved	1.834.409,00
No of Application Received	2.365.360,00
No of Services	22

0   500.000 1.000.000 1.500.000 2.000.000 2.500.000

Features

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

Payment Gateways (PayGov, SBI ePay, PayU, ICICI Eazy Pay, CSC eWallet, State's Treasury and many more), Aadhar, DigiLocker, eSign, eTaal, ePramaan, UMANG & RAS13

HOD: *Dr. Siddhartha Sen, Director (IT), NIC, WB*
Project Coordinator: *Dr. Siddhartha Sen, Director (IT), NIC, WB*
SIO : *Shri Atanu Das, DDG & Sc-G*

62

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sio-wb@nic.in
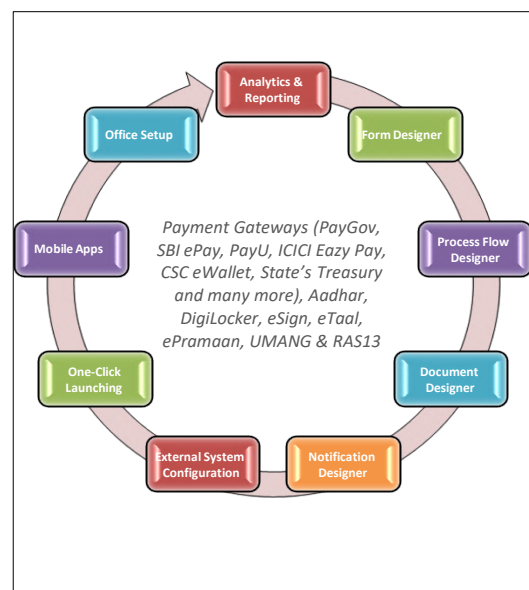
www.nic.in

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

HIGHLIGHTS

The National Informatics Centre (NIC) has established a robust Information and Communication Technology (ICT) network known as NICNET, which connects all Central and State Government Ministries, Departments, Union Territories, and District administrations across India. NICNET has played a key role in driving e- Governance across multiple levels of government, improving transparency, efficiency, and accountability. In West Bengal, NICNET has been operational since 2003, connecting over 325 government offices and serving as the primary backbone for data sharing within the state government. The network also facilitates fast access to various services through peering with BSNL, PGCIL, Railtel, and international content delivery networks like Google, Microsoft, and Akamai
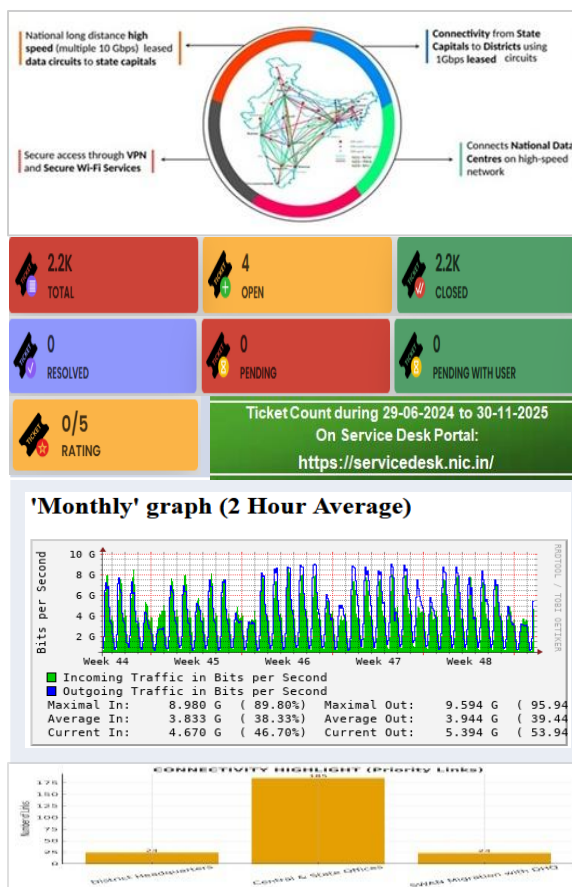
HOD: Shri Dipankar Sarkar
Other Officers:

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

SIO : Shri Atanu Das

Email:sio-wb@nic.in

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

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 November'2025, total 61 No. of VCs has been conducted where 303 sites participated with 375 studio hours

Out of 61 VCs, we have conducted 46 VCs on Bharat VC platform where 880 participants joined through link.

Additionally, Prime Minister 01 VC, Cabinet Secretary 04 VC, Chief Secretary 01 VC, Govt. of India 03 VCs, Election Commission 42 VCs has been conducted successfully.

Summary

	No of VC meetings	Studio hours	Site Participated
VC meetings of State Govt.	16	333	251
VC meetings of Central Govt.	19	34	21
VC meetings of CIC	26	7	31
Total	61	375	303

Total VC Meetings of West Bengal

Central Govt VCs: 19
State Govt VCs: 16
CIC VCs: 26

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

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

HIGHLIGHTS

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

State-of-the-Art NKN Central Super Core PoP at West Bengal with a total 187.5 Gbps backbone bandwidth with High Availability (HA) and ISO Compliant infrastructure backed up by proper power backup.
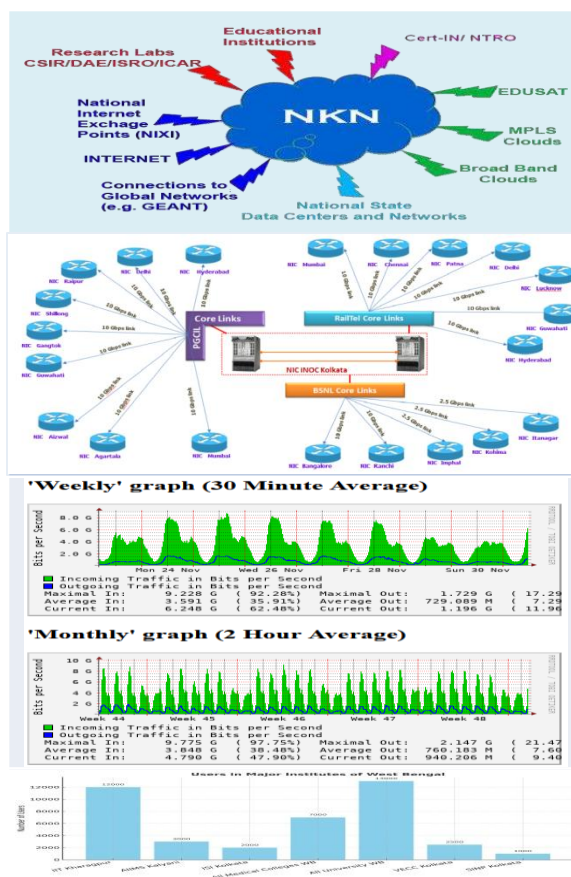
HOD: Shri Dipankar Sarkar   **Email: hod.nknvcs-wb@nic.gov.in**
Other Officers:
SIO : Shri Atanu Das   **Email:sio-wb@nic.in**

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

HIGHLIGHTS

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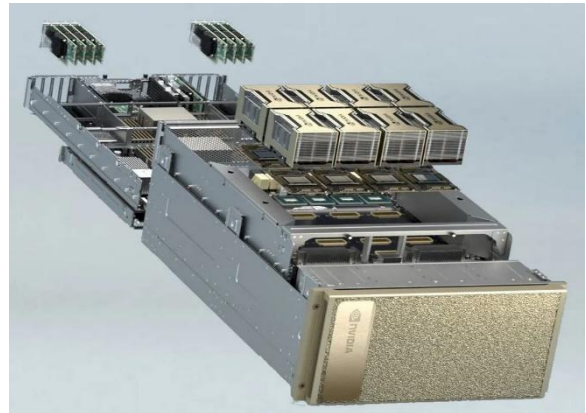
TECHNICAL STACK

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

STATISTICS

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

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, 38 backup services, 70 public IPs provisioned
- Hosting 46 departmental websites, with 9 still active (November 2025)
- Built on 12 physical servers with 6 TB RAM & 210 TB storage
- High-speed connectivity of 10G / 25G / 40G across services
- Supports backend hosting, DevSecOps CI/CD, code repositories & development environments
- Ensures high availability, scalability & secure hosting for citizen-facing services

TECHNICAL STACK

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

Active Websites	9
Public IPs	70
Backup Services	38
Cloud Accounts	34
VMs	410
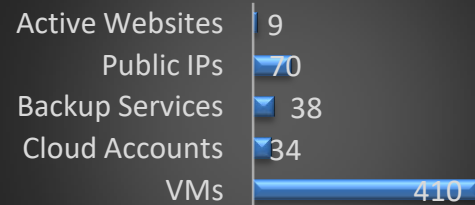
STATISTICS
Total Websites hosted: 46
Active Websites (still running): 9
Total VMs provisioned: 410
Cloud Accounts: 34
Backup Services: 38
Public IPs: 70
Load Balancers: 6

PROJECT NAME	PRISM ID	PROJECT URL
WB NAPIX Gateway & Analytics		

API Calls Received   **12.30+ crore since inception.**
API calls for the month of November, 2025: 1.01 crore.

HIGHLIGHTS

- **102 APIs and 50 products published in production environment**
- **Deployed on 3 public IP-enabled Gateway servers with a Sandbox environment**
- **ElasticSearch 3-node cluster for log storage; Kibana dashboards for real-time analytics**
- **Logs retained for 3 months**
- **Enables secure communication between SDC and external clients**
- **Centralized API management and monitoring for efficient digital service delivery**
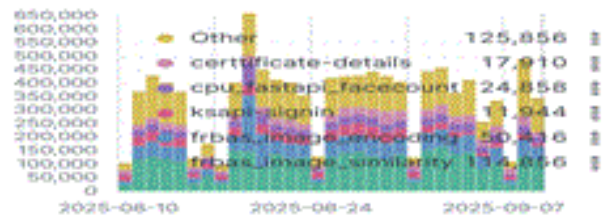
TECHNICAL STACK
- **API Gateway & Infrastructure: WB NAPIX Gateway**
- **Analytics & Monitoring: ElasticSearch (3-node cluster), Kibana dashboards**
- **Networking: Public IPs for secure external access**
- **Integration: Backend SDC systems, NICNET**

Public Ips	4
Sandbox Forms	16
Products Published	50
APIs Published	102
API Calls	9.09+ crore
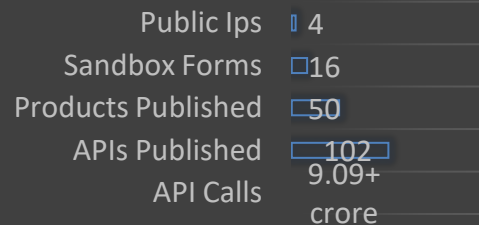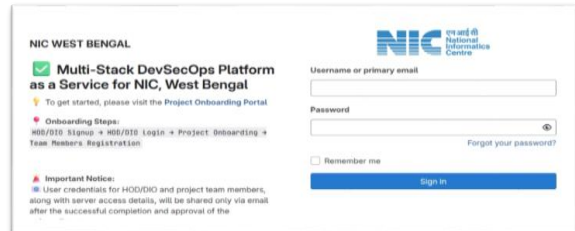
STATISTICS

API Calls Received	12.30+ crore
APIs Published (Production)	102+
Products Published (Production)	50
Sandbox Tenant Forms Received	16+
Public IPs Allocated	4 (3 Gateway + 1 Sandbox)

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

HIGHLIGHTS

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

TECHNICAL STACK

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

STATISTICS

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

West Bengal District project NOVEMBER 2025

District : JALPAIGURI,

Jalpaiguri District website

Highlights

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

District Specific Activities

• Official District Website regularly updated (S3WAAS).
• E-office active in all section of district administration with ongoing support.
• Provided consultancy & ICT Support to district Administration.
• Technical help for E-Prosecution, eVahan, Sarathi.NDAL & ALIS
• Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree etc.
• Support for e-Tendering & e-Auction systems.
• Technical support for OBC SC/ST certificate (OSCAR).
• Email Create/Update Technical Support.
• IRAD Technical Support
• Coordination with members of Citizenship Amendment Act (CAA).
• VC Support
• NICNET Support:

    1. 122 nodes at Office of the District Magistrate, Jalpaiguri
    2. Circuit Bench of Kolkata High Court at Jalpaiguri
    3. Office of SSB SHQ Panga Sahebbari
    4. Office of 17 SSB SHQ Falakata
    5. IVFRT Project Haldibari

Summary/Training

1.Regular User Training conducted for new/Changed module.
2.Updated process flow explained to user.
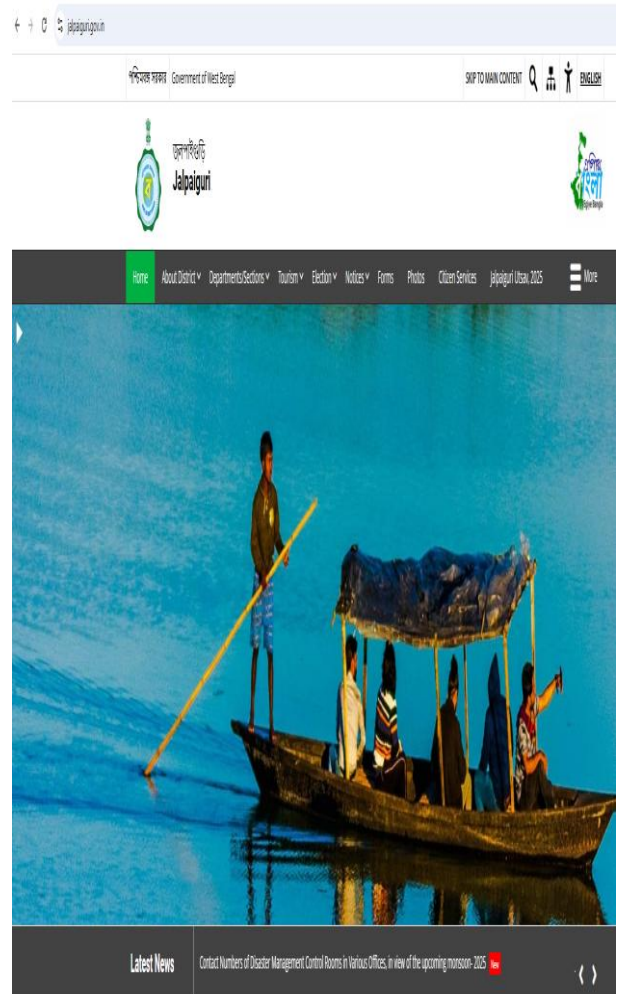
West Bengal District project 2025

District : Jhargram , NOVEMBER 2025

Jhargram District website

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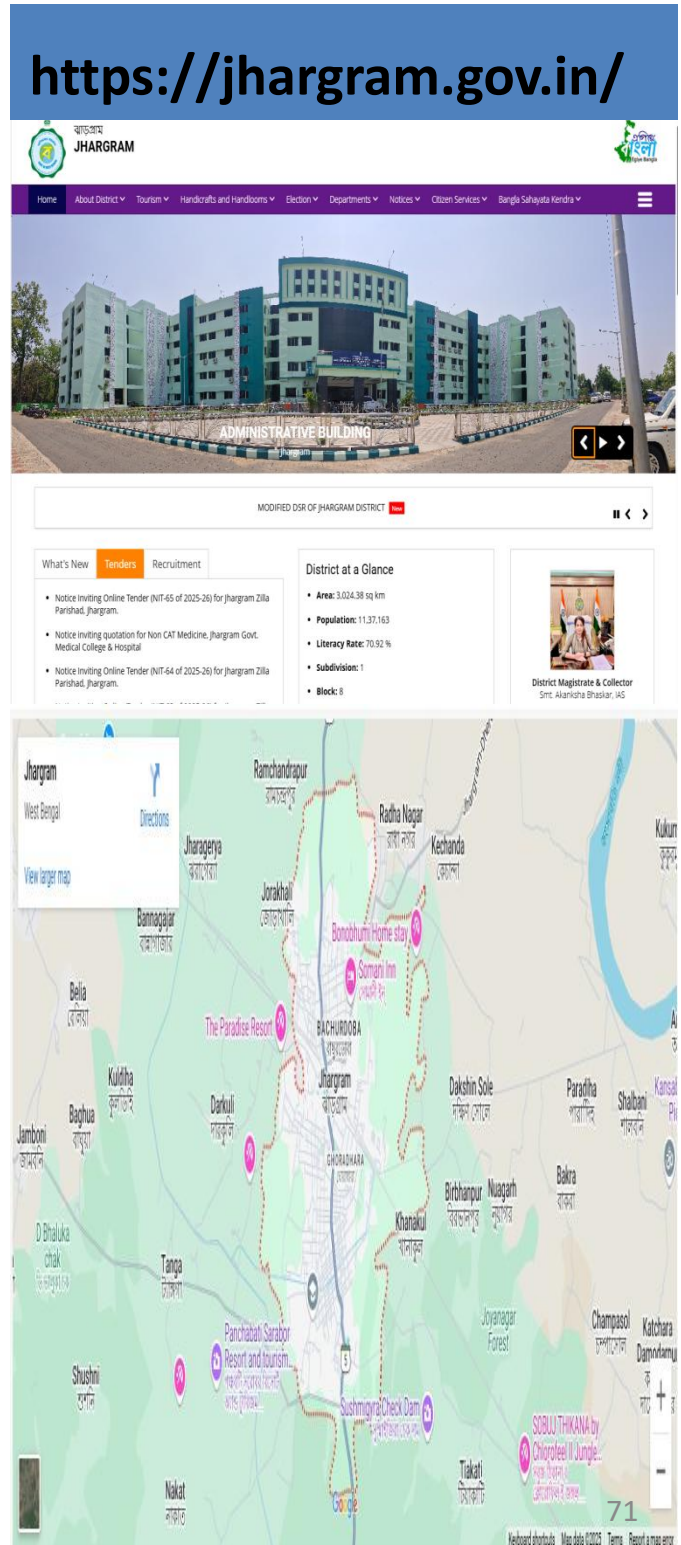
Jhargram is a district in the state of West Bengal, India. It was formed on 4 April 2017, after splitting from the Paschim Medinipur district as the 22nd district of West Bengal. The district has its headquarters at Jhargram. Jhargram is famous for its wooded beauty and topography culminating in the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

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

https://jhargram.gov.in/

District specific activities

- Official District Website regularly Upload and update notices and web pages.

- Update EMD and provided technical support for Jhargram eOffice.

- Technical support and training for i-RAD , e-Prosecution etc.

- NIC VC and NICNET connectivity.

- NIC Email Create/update Technical Support.

- Support for flagship schemes: Jai Bangla, Lakshmir Bhandar , Duare Sarkar, Kanyashree, etc.

Kalimpong District website

https://kalimpong.gov.in/

Highlights

Kalimpong is a picturesque hill district in northern West Bengal, nestled in the Eastern Himalayas. Known for its serene landscapes, flower nurseries, Buddhist monasteries, and rich cultural heritage, it offers stunning views of the Kanchenjunga range. The district borders Sikkim and Bhutan and is a center for education, tourism, and horticulture. Kalimpong is also gaining recognition for its eco-tourism and organic farming initiatives.

District Specific Activities
• Official District Website regularly updated (S3WAAS).
• E-office active in all section of district administration with ongoing support.
• Provided consultancy & ICT Support to district Administration.
• Technical help for E-Prosecution, eVahan, Sarathi.NDAL & ALIS
• Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree etc.
• Support for e-Tendering & e-Auction systems.
• Technical support for OBC SC/ST certificate (OSCAR).
• Email Create/Update Technical Support.
• IRAD Technical Support
• Coordination with members of Citizenship Amendment Act (CAA).
• VC Support
• NICNET Support:
   1. 18 nodes at Office of the District Magistrate, Kalimpong

Summary/Training
1. Training regarding registration, employee updation, verification, etc. on emms portal is given to heads of offices, admin users and others

Contribution in State project: e-Panchayet Project (PRISM ID : 3661)
Enhanced UI-UX of e-Panchayet portal using DBIM Guidelines.

NOVELTY LINE, KALIMPONG, 1922

https://uttardinajpur.gov.in/
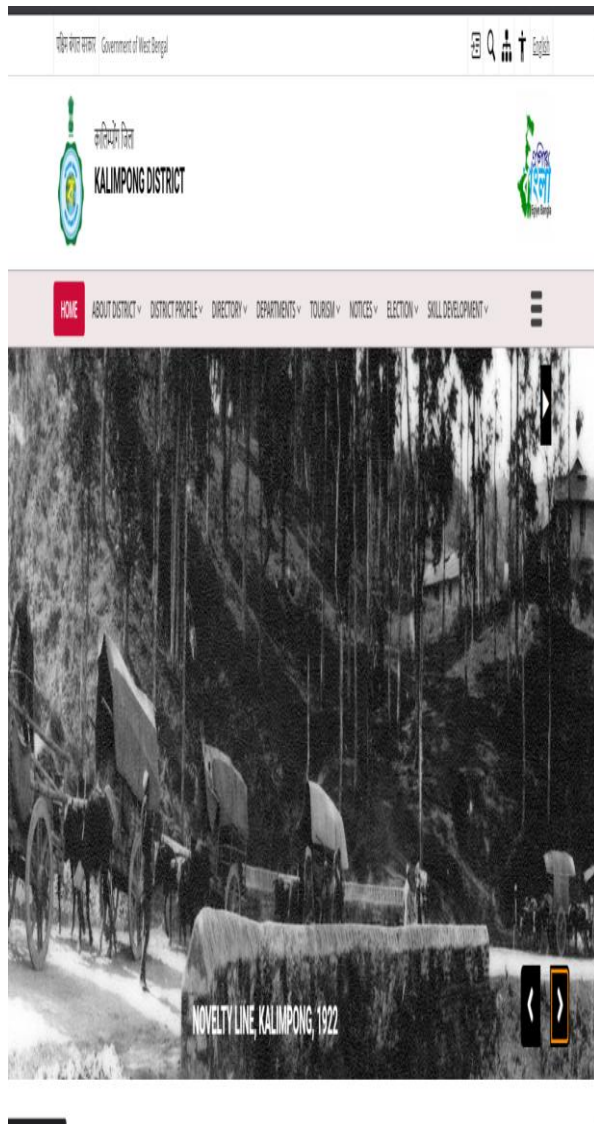
District Informatics Officer (DIO) , ICT consultant and District level Coordinator of several Projects (G2G,G2C, G2E,G2B) across Sectors and spread over 100 locations running successfully :-

Project :-   **Impact :-**

❖ iRAD/eDAR   : 1783 accident cases captured till date.

❖eProsecution   : 15249 Court Cases Digitalized under this project.

❖eOffice   : Users : 430 Transactions : 54097

❖Arms License Issuance System   : approx. 1600 Gun License data dizitalized.

❖Vahan-Sarathi   : 44,15,81 vehicles have been registered.

❖IVFRT   : Indian & Foreigner data Arrival: 26587 , Exit:26709

❖Jaybangla portal, Laxmir Bhandar

   Duare Sarkar Camps, Kanyashree : Lacs of citizen getting services at their door step.

❖Election Manpower Management System : **Office Reg., Verification and Emp Verified 100%, 99% & 89%. Amongst the Toppers in the State**.   (https://emms.wb.gov.in)

❖AASAN Puja Permission portal :   Durga Puja : Application : 1088 / Permission Granted:

         906. Kali Puja : Application : 245 / Permission Granted: 164 by all Stake Holders.

❖eForms, eMails   : 340 email created under uttardinajpur.gov.in,

                    bulk email creation and profile updation .

❖Campus LAN   : approx. 300 nodes are connected and network

             traffic is being transferred through our 1G NICNET Router as Primary Link.

❖Other eGov Projects CAA,OSCAR, OASIS, Mplads, GEM, eProcurement, Recruitment, Amader Para Amader Samadhan (APAS), Observance of Cyber Vigilance & iGOT Courses.

❖Video Conferences arranged :   (Total : 43 **during Nov**, 2025)

Training :

❖Imparted several Trainings on EMMS 2.0 portal to District Administration/ SDO /Blocks for the ensuing West Bengal Legislative Assembly Election 2026.
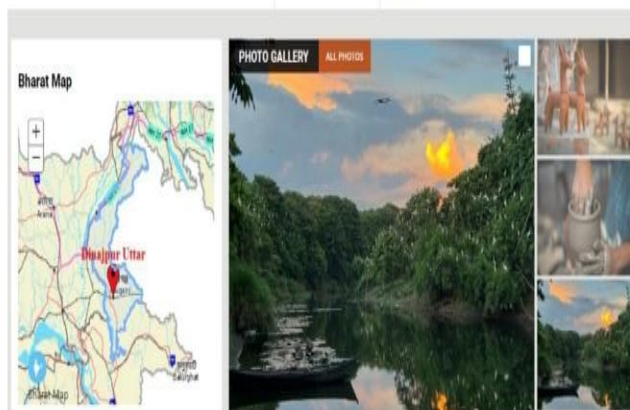
❖Handholding on iRAD to Police/Health/RTO/PWD.

Purba Medinipur District

https://purbamedinipur.gov.in/

Highlights NIC service providing to District Administration:

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

District Specific Activities

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

Summary/Training

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

**https://nadia.gov.in/**

Nadia District

District Specific Activities

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

Facilitating regular video conferencing, covering both general and election-related meetings.

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

The secure internet connection from NIC to the DM Chamber has been successfully set up as per the requirement of District Magistrate. The connection is now fully functional, and necessary configurations and testing have been completed.
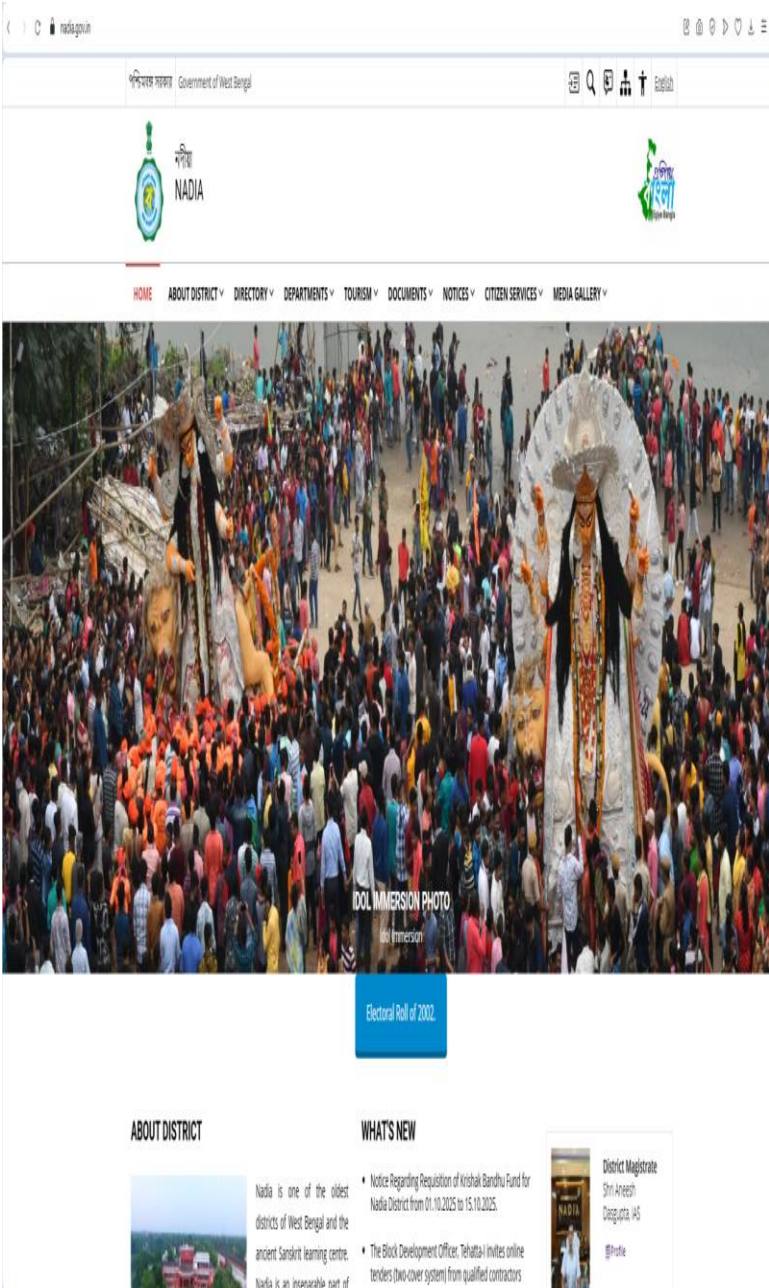
Kolkata District

Highlights NIC service providing to District Administration:

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

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

https://kolkatacollectorate.wb.gov.in/

District Specific Activities
- **Kokata Collectorate Website(S3WAAS)**
    - The migration of the Kolkata Collectorate District website to the S3WAAS platform has been approved and is now awaiting registration of the fourth-level domain (kolkatacollectorate.wb.gov.in). The domain request is currently pending with the User Department and the State IT Department.
- **eAbgari - End-to-End Online Solution for Comprehensive Transformation of State Excise**
    - Ongoing change requests are being addressed in the Country Liquor and M&TP modules. Integration of Object Storage across all project modules is in progress. Final UAT approval from the department is awaited.
- **DevSecOps- Multi-Stack DevSecOps Platform as a Servce for NIC, West Bengal**
    - Several new HODs have onboarded their teams and projects onto the new DevSecOps platform of NIC-WB. Continuous support and guidance are being provided to facilitate initial deployments within the NIC WB Mini Data Centre infrastructure.
- **AI Sanlaap –AI-powered conversational platform or chatbot**
    - Development of the AI-based Sanlaap Chatbot for the EODB Department using a newly designed modern, scalable architecture that ensures high availability and restricts data access to the respective departments through structured data segregation.
- **CEMS – Candidates Expenditure Management System**
    - The prerequisite security audit is currently underway, and all observations identified so far have been addressed.
- **EMMS 2.0 – A one-stop solution for managing every aspect of election manpower deployment**
    - Providing application support to the Kolkata North Election Office for the upcoming West Bengal General Elections to the Legislative Assembly through a generated video tutorial, manuals & offering hands-on guidance to users in the EMMS 2.0 portal.
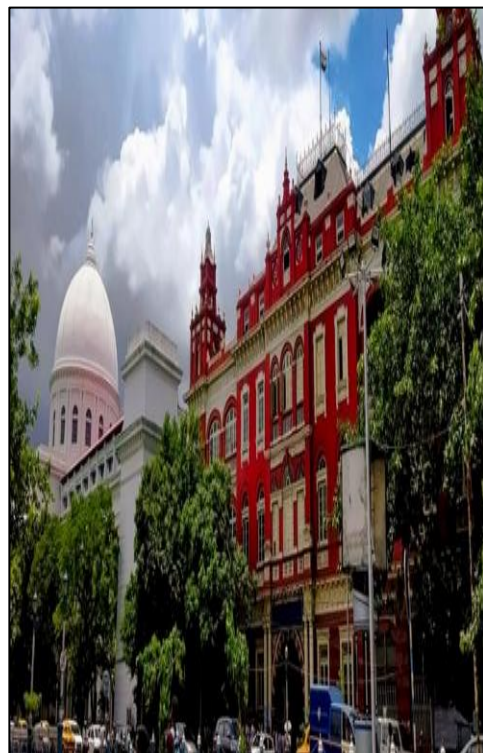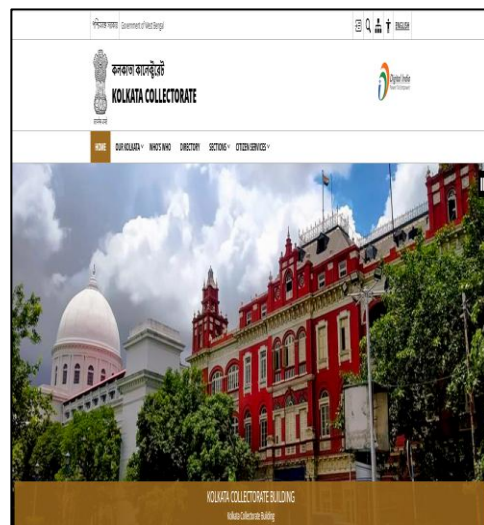
Darjeeling District website

Highlights

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

District Specific Activities

- CAA hearing for 31 applications at Darjeeling Post Office.
- Supported in EMMS related technical issues at field level.
- District Website updated regularly (S3WAAS).
- E-office support to users of District Administration.(along with Siliguri municipal corporation)
- Technical support for Email Creation/Update along with support for DA Admin Console.
- Provided consultancy & ICT Support to District Administration
- Active VC Support Given to DM Office for NIC VC, Bharat VC and others VC Platforms (Google Meet. Zoom, Webex etc.)
- Provided Support to GTA in e-Office and email related activity.
- Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree etc.
- Support for e-Tendering & e-Auction systems.
- Given support to district for Election related activities/BLO etc.
- IRAD Technical Support and Trainings to Police Stations and other stakeholders.
- NICNET Support:
    1. 220 nodes at Office of the District Magistrate, Darjeeling
    2. Office of the Jalapahar Cantonment Board (Ministry of Defence, DGDE)
    3. Office of the Lebong Cantonment Board (Ministry of Defence, DGDE)

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

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

https://darjeeling.gov.in/
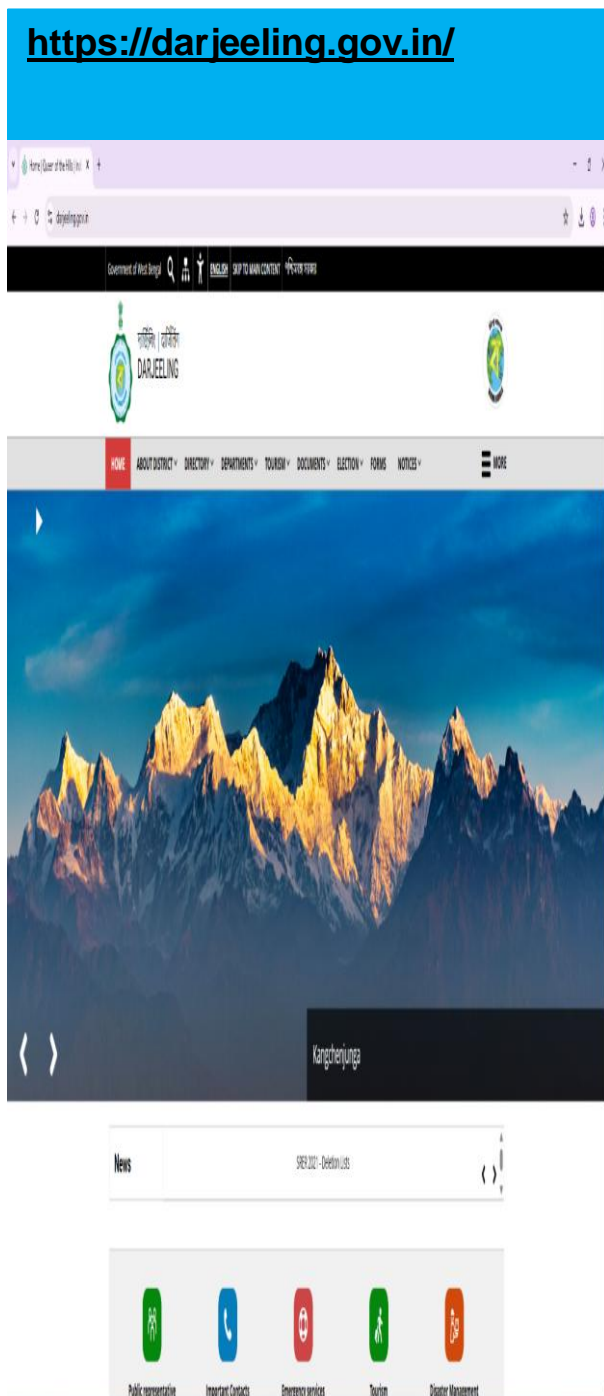
Summary/Training:

- Training regarding registration, employee updation, verification, etc. on emms portal is given to heads of offices, admin users and others.

SIO: Shri Atanu Das   E-mail: sio-wb@nic.in

DIO: Shri Sankalpa Roy   E-mail: wbdjl@nic.in
DIA: Shri Rahul Singhal   E-mail: dia-darjeeling@nic.in

Malda District website

Highlights

Malda is a district covering an area of 3733 sq Km with Bihar and Uttar Dinajpur at the North, Murshidabad at the South, Bangladesh at the east, and Jharkhand and Bihar at the West. It shares a 165.5 km international border with Bangladesh. Having a central location it is an important junction and entry point to Siliguri from South Bengal. The river Ganga makes its first entry into West Bengal near Manikchak of Malda.

The gateway of North Bengal, Malda, once the capital of Gour-Banga with its 3456 sq km lay of land classified into Tal, Diara, and Barind awaits the advent of tourists and people of archeological interest with its wealth to be enjoyed and its huge potential to be explored.

District Specific Activities

• Official District Website regularly updated (S3WAAS) with added public utility.
• E-office active in 48 departments with ongoing support.
• IT support for admin review meetings and Hon'ble CM VC support .
• Technical help for E-Prosecution, Vahan, Sarathi.
• Technical help for APAS.
• Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
•Technical support for OBC SC/ST certificate (OSCAR).
• Email Create/Update Technical Support.
• IRAD Technical Support for all stake holders.
• VC Support of NIC, State and District level meeting.
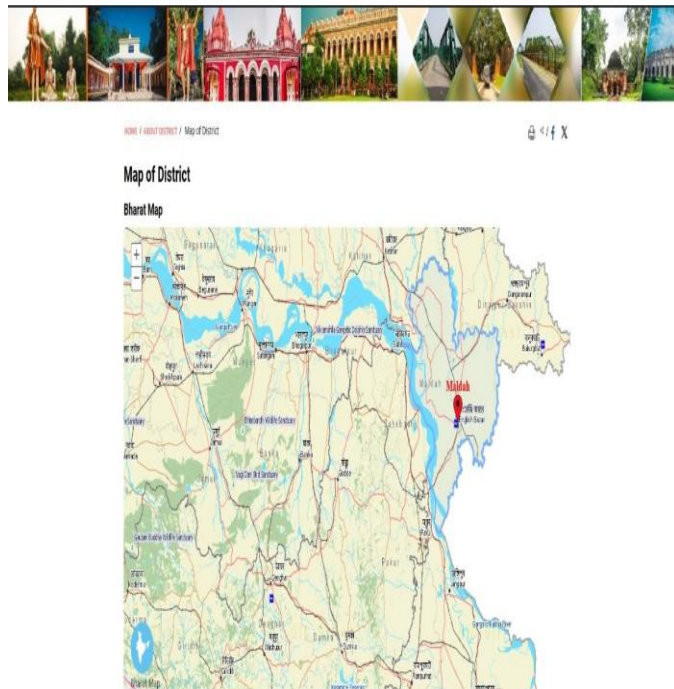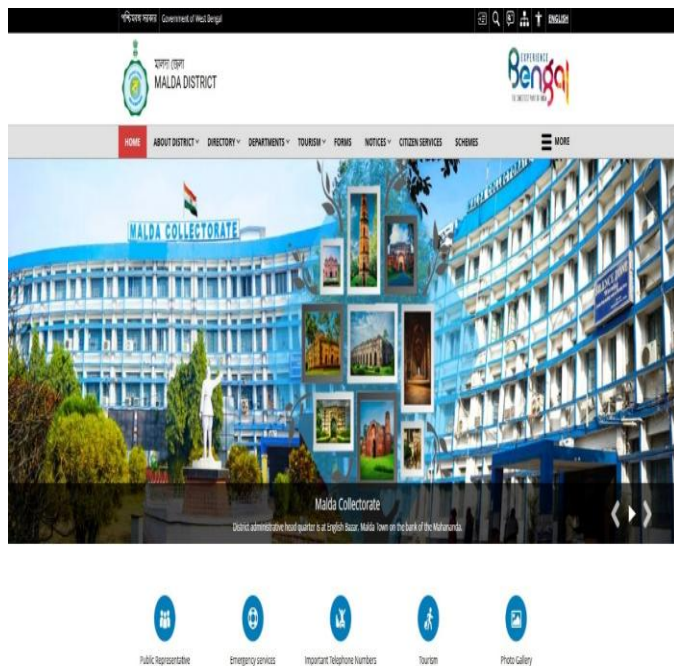
West Bengal District Project 2025
District : Birbhum, November

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

District Specific Activities:

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

https://birbhum.gov.in