



Major Projects & Initiatives of NIC West Bengal



And I see **NIC** its presence, its achievements working in hand with the West Bengal State Government all the way.

To make the dream of a **Digital West Bengal** a practical reality.

May, 2026



Most of the Information and Communication Technology (ICT) initiatives of West Bengal are handled by the National Informatics Centre (NIC), West Bengal.

Following Projects are developed and implemented in West Bengal :-

1. West Bengal Just-in-Time (WBJIT)
 2. Unified Project Management System (UPMS)
 3. Land & Land Reforms and Refugee Relief & Rehabilitation Department (eBhuchitra & BanglarBhumi)
 4. Directorate of Registration and Stamp Revenue (eNathikaran & West Bengal Registration portal)
 5. Khadyasathi
 6. Election Manpower Management System (EMMS) and Candidate Expenditure Management System (CEMS)
 7. SAMARTH (*erstwhile Jaibangla*)
 8. Annapurna Yojana (*erstwhile Lakshmir Bhandar*)
 9. NextGen Kanyashree Online 9.0
 10. NextGen Rupashree Online 3.0
 11. Shilpasathi
 12. West Bengal Bhabishyat Credit Card Scheme
 13. West Bengal Social Registry
 14. OSCAR (Online Caste Application Registration System)
 15. Banglar Shiksha
 16. Banglar Uccha Shiksha
 17. Unified District Information System for Education Plus (UDISE)
 18. Swami Vivekananda Merit-cum-Means Scholarship
 19. West Bengal Direct Benefit Transfer (WBDBT)
 20. Integrated Online Salary Management System (i-OSMS)
 21. Student Credit Card Scheme
 22. e-Allotment of Rental Housing Estates, Housing Department
 23. Directorate of Commercial Taxes
 24. Tourism Department Website and Mobile App of Kalimpong district Tourism
 25. e-Governance Portal of Govt. Polytechnics
 26. Integrated Online Salary Management System (i-OSMS DVET) Version2.0
- e-Transport Projects (CENTRAL PROJECTS) :-
27. SARATHI
 28. VAHAN
 29. PUCC (Pollution Under Control Certificate)
 30. e-Detection
 31. iRAD (Integrated Road Accident Database)
 32. e-Challan
 33. Content Management System
 34. COALRR (Consolidation of Accountable Land, Resettlement & Rehabilitation)
 35. Medical Counselling
 36. Web Application of the Department of Power
 37. e-Services for Directorate of Electricity, Department of Power
 38. Modified West Bengal Textile Incentive Scheme for Directorate of Textile
 39. e-Services of Marketing Incentive, Directorate of Textile
 40. Portal for Department of Youth Services & Sports
 41. e-PBGSBS Management System for Department of Animal Resource Development
 42. GePNIC in West Bengal (e-Procurement Portal)
 43. e-Auction in West Bengal
 44. Marriage Registration in West Bengal
 45. Child Marriage Reporting & Tracking System
 46. AppComs and Dynamic Website of West Bengal Information Commission
 47. eOffice – Government of West Bengal
 48. eAbkari for NCT Delhi

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Following Projects are developed and implemented in West Bengal :-

49. DGX A100 : Integrated AI SuperComputing Platform - Kubernetes Administration

50. West Bengal Data Centre (Mini-Cloud, Kolkata)

51. NAPIX Service in West Bengal

52. Unified DevSecOps Framework for Secure, Multi-Stack CI/CD Automation

53. Inference Server – AI Inferencing

COE AI (Centre of Excellence in Artificial Intelligence) Lab, Kolkata

54. Facial Recognition Based Attendance System (FRBAS)

55. FRBAS – Utkarsh Bangla (Technical Education Department)

56. AI Abhigyan : AI-based Text Extraction System

57. AI Shirshank (AI-enabled Person Count Services)

58. AI-enabled Beneficiary De-duplication Service

59. AI-enabled Services for NextGen Kanyashree Online 9.0

60. AI-enabled Services for NextGen Rupashree Online 3.0

61. AI-enabled Cardamom Leaf Disease Classification

62. AI Services for e-Nathikaran

63. AI Sanlaap : Conversational AI-based Chat & Voicebot Framework

64. AI Anurup : AI-based Name Matching Service

65. AI-enabled Services for Property Registration

66. AI-based Crop Image Anti-spoofing System

67. ServicePlus

68. Comprehensive Portal for Department of Women & Child Development and Social Welfare

69. IT initiatives at Calcutta High Court

70. e-Prison

71. e-Prosecution

72. e-FSL (Forensic Labs)

73. NICNET

74. Video Conferencing Services (PRAGATI)

75. National Knowledge Network (NKN)

Other CENTRAL PROJECTS :-

76. e-Courts

77. Online Indian Citizenship

78. Arms License Issuance System (ALIS)

79. IVFRT (Immigration, VISA, Foreigner's Registration & Tracking)

National Port Projects :-

80. Port Operation Management System (POMS)

81. Enterprise Business Application System (EBAS)

District Portals & Activities :-

82. Kolkata district

83. Malda district

84. Purba Medinipur district

85. Nadia district

86. Jhargram district

87. Murshidabad district

88. Birbhum district

89. Darjeeling district

90. Kalimpong district

91. Jalpaiguri district

92. Uttar Dinajpur district

93. Alipurduar district

94. South 24 Parganas district

95. Paschim Medinipur district

State Projects

West Bengal Just-in-Time (WBJIT)

PRISM ID : 3848

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



Technology Stack: Angular, Dot Net Core, RabbitMQ, Redis, GitLab, DevSecOps, PostgreSQL

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

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

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

Statistics: FTO prepared : 9009, Amount : Rs. 668 Crores (Approx.)

Unified Project Management System (UPMS)

PRISM ID : 3158

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

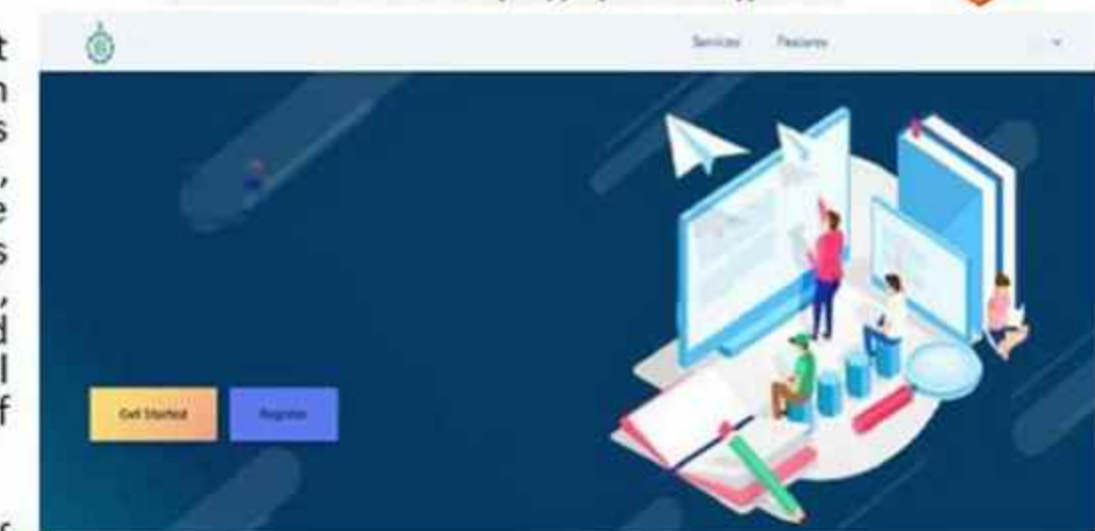
Highlights

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

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

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

Technology Stack :

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

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

State Projects

Land & Land Reforms and Refugee Relief & Rehabilitation Department

● banglarbhumi.gov.in

PRISM ID: 3432

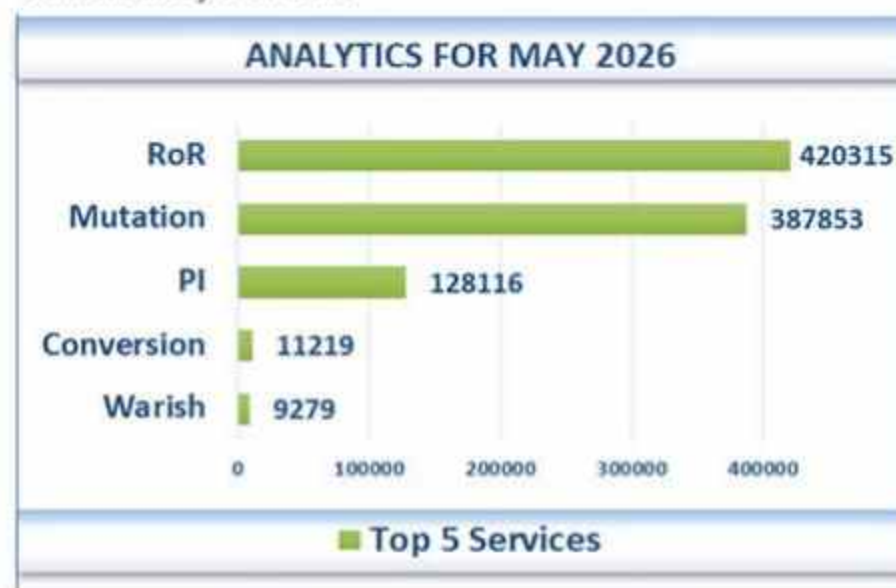
"In West Bengal, land-related e-Governance services are provided through two key applications: eBhuchitra and Banglarbhumi"

Highlights:

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.



OTHER SERVICES

- 5957 NO DUE CERTIFICATE
- 2376 PLM
- 398 GRIEVANCE



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"

Directorate of Registration and Stamp Revenue - Finance Department, Govt. of West Bengal

● wbregistration.gov.in

PRISM ID: 3449

Highlights:

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

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

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

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



DEVELOPMENTS FOR MAY 2026

- Uploaded 4 major transactions of e-Requisition Form in UAT.
- Year wise Legacy Deed availability for legacy deed correction module made live.
- VNR Module implemented throughout the state.
- Rs. 15000/- Cash transaction imposed to all DSR offices of the state.



BENEFITS TO CITIZEN

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

Technology used

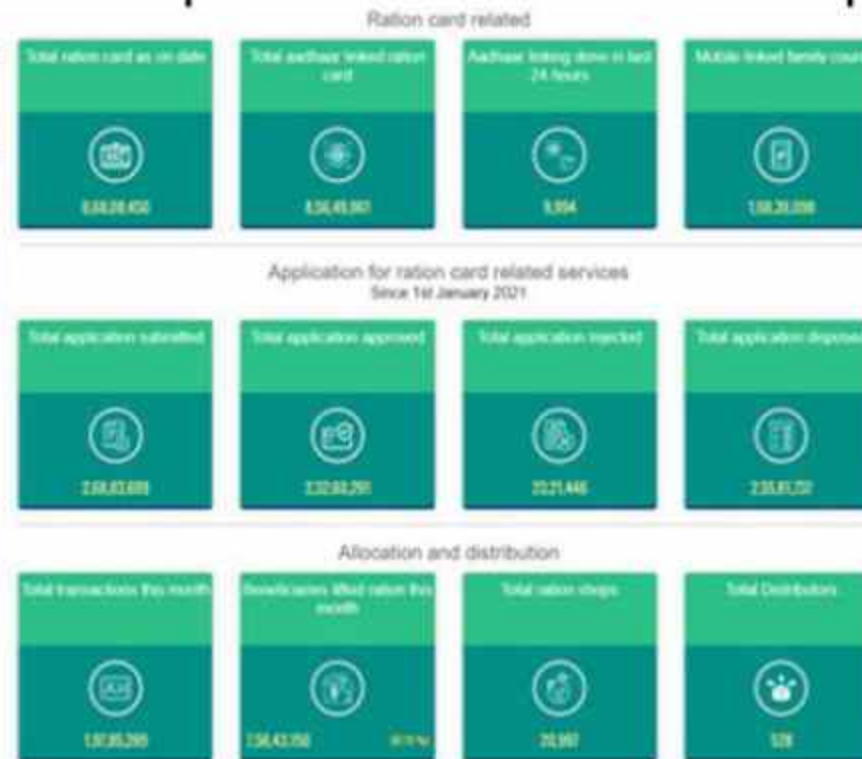
.NET Framework, C#, Angular, SQL Server

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



HIGHLIGHTS

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



.Net Core

.Net

MSSQL DB

STATISTICS

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

Election Projects (WBEMMS and WBCEMS)



PRISM ID : 3245 and 3247

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

Highlights:

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

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

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



Technology Stack :



Laravel, RabbitMQ, Redis, GitLab, DevSecOps

Type of Application : G2G, and G2C

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

- 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

SAMARTH (erstwhile Jaibangla)

G2G
G2C

PRISM ID : 17866 (Legacy Project)

Production URL : <https://samarth.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
- Total approved beneficiaries of 84 Lakhs (Approx.)

Technology Stack:-



Laravel



Kafka


Database:
PostgreSQL

Training: Continuous Online Training to stakeholders with SOP.

Annapurna Yojana (erstwhile Lakshmir Bhandar)

G2G
G2C

PRISM ID : 2632

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

Highlights

A scheme of GoWB, which is promised to provide monthly assistant of Rs. 3000 to women in age group 25-60 years (Earlier Rs 1500, and Rs 1700 for SC/ST for Erstwhile Lakshmir Bhandar). Aadhar based DBT payment started replacing account based payment of Erstwhile Lakshmir Bhandar Scheme. 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.

Type of Application : G2G, and G2C

Training : Continuous Online Training to stakeholders with SOP

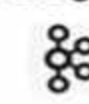
Achievement: Payment pushed to around **26.63 Lakhs (First Phase)** through Aadhaar based DBT in first week of June'2026.

Successfully development and ran for erstwhile Lakshmir Bhandar since August'2021 with **beneficiary around 2.40 Crore** (approx.) Able to establish an automated pipeline to push all beneficiary and transaction to the Social Registry Portal.

Technology Stack:-



Laravel



Kafka


Database:
PostgreSQL


Key Features

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

NextGen Kanyashree Online 9.0

URL : <https://wbkanyashree.gov.in>
<https://admin-kanyashree.wb.gov.in>

PRISM ID: 2505

HIGHLIGHTS

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

Impact: Around 3.54 Crores unit have been enrolled under this programme throughout the state. Around 3.49 Crores unit of Scholarships have been sanctioned so far.

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



Technical Stack

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

Awards and Achievement: First Place Winner- United Nation's Public Service Award 2017, Champion Project in UNWSIS(2016), Gem Tech Award of ITU & UNWOMEN(2016), Best Practice declared in Girl's Summit in London(2014), National e-governance Award Winner(2014-15), Manthan Award of e-Governance, (2014-15), Skoch SMART governance Award (2015-16), CSI Nihilent e-governance Award (2014-15), CM's Award (2014-15)

Statistics: May, 2026

Enrolled Applications – 54
 Sanctioned Applications – 62
 Unique Beneficiaries – 6

Statistics: Since Inception (Oct 2013)

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

NextGen Rupashree Online 3.0

PRISM ID: 2528

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

HIGHLIGHTS

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

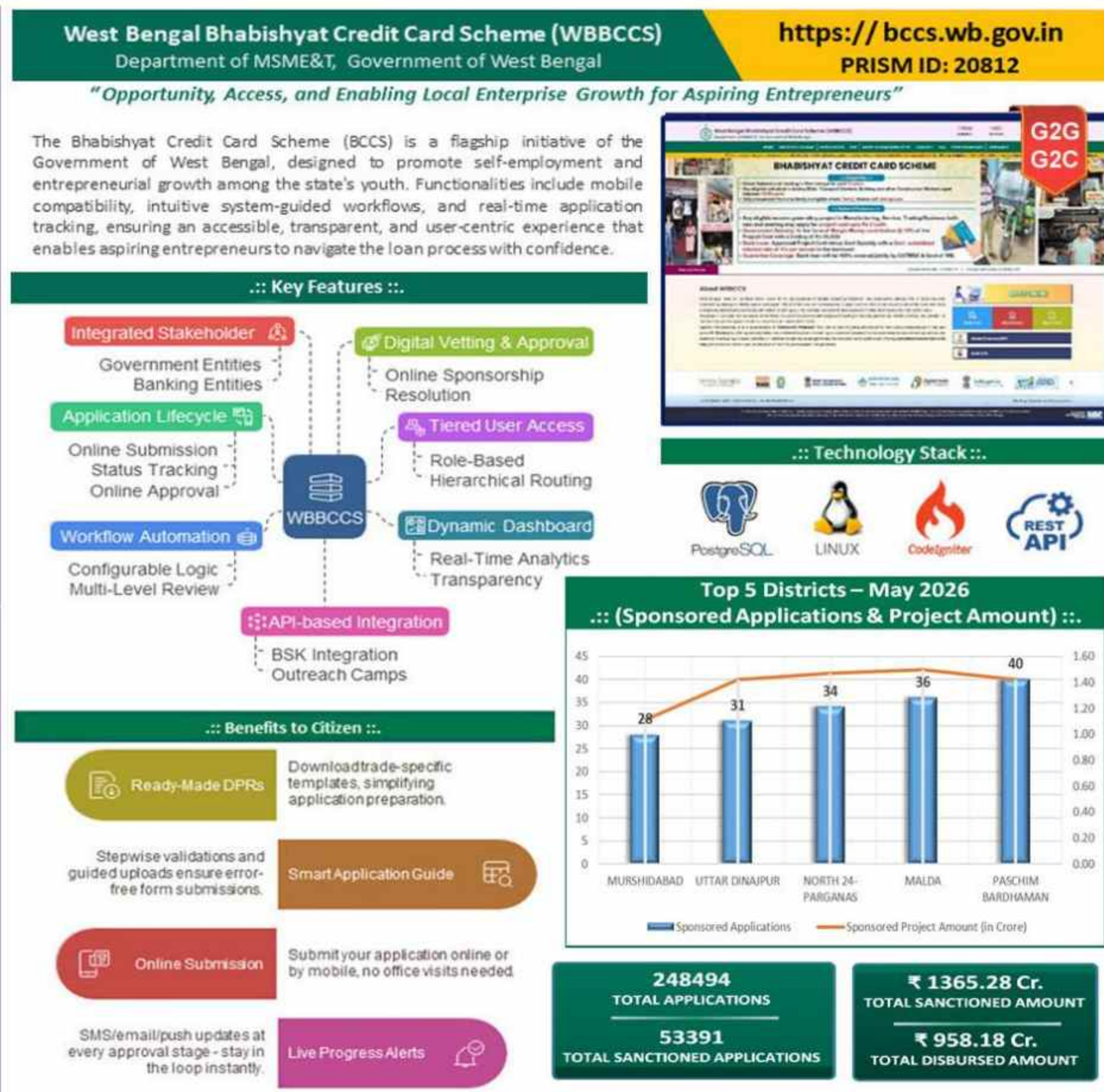


Technical Stack

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

Statistics since inception

Covered District – 24
 Covered Block/Municipality – 479
 Total Beneficiary – 22,27,517
 Beneficiary – 6,098 (May, 2026)



West Bengal Social Registry

(Prism Id:20967) URL : <https://socialregistry.wb.gov.in>

Highlights:

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



Slicing Dicing Reports:



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:

- Infrastructure & Architecture:** Established a modernized UAT environment using Docker, API Six, and Docker Swarm for improved deployment efficiency.
- API Development & Integration:** Enhanced and deployed the Data Sharing API with Confluent Kafka, and built a new external Scheme Benefit Detail Service Check API.
- Security & Compliance:** Upgraded Angular to the latest stable minor version and revamped the Chatbot UI backend, and AI model as per NIC Security Audit
- Data Privacy:** Implemented complete database masking for secure AI-based data sharing
- AVS related Modernization:** Upgraded cryptographic signature functions to meet NPCI standards and implemented full end-to-end encryption for personally identifiable financial data.
- System Architecture & Deployment Enhancements:** Standardized database schema and initiated API Dockerization while finalizing real-time account verification architecture, API specs, and database models.

Usage Statistics

SCHEMES ONBOARDED

- Onboarded Schemes : 67

BENEFICIARY

- Khadya Sathi Beneficiaries : 8.73 Crore
- Scheme Beneficiaries : 15.40 Crore

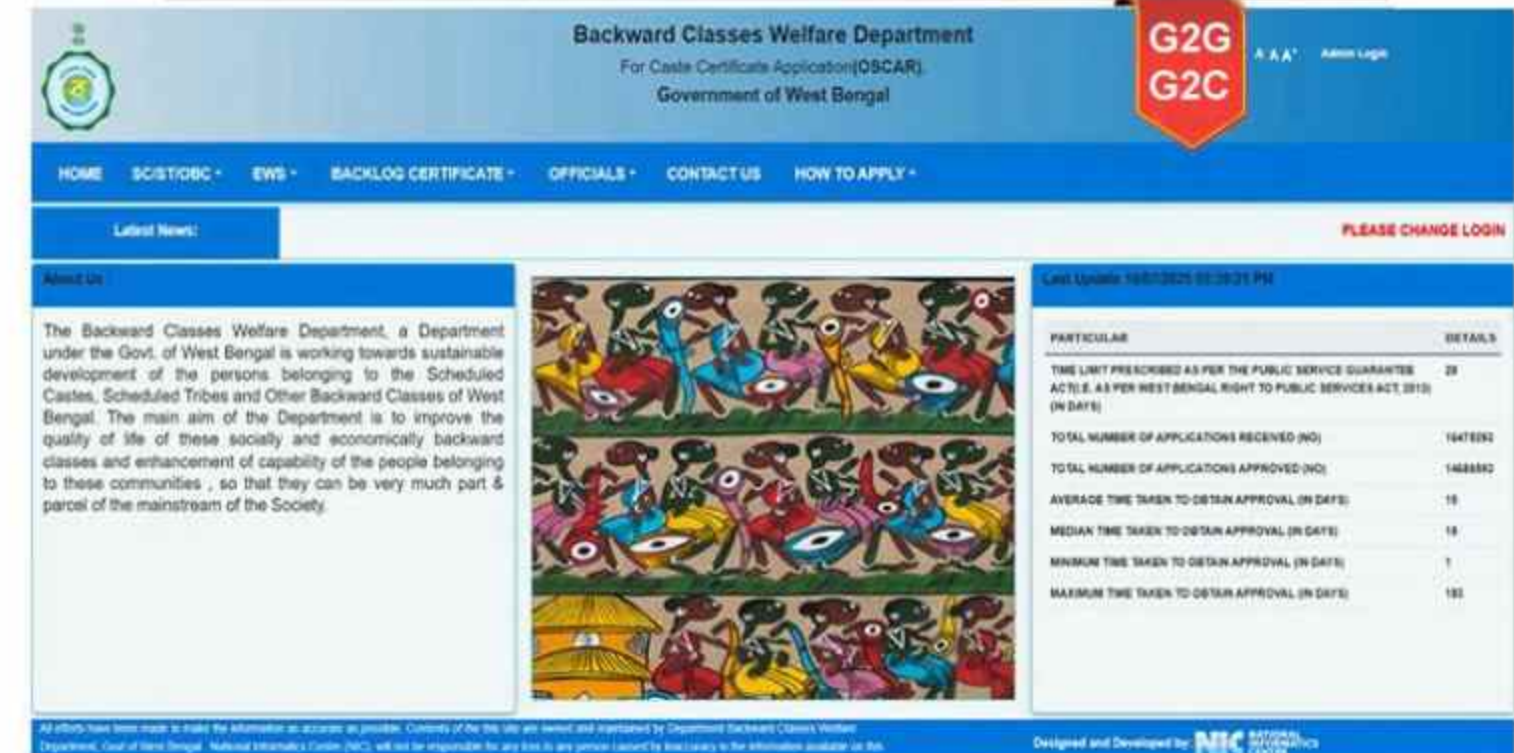
TRANSACTION

- Total Transactions : 31.65 Crore

Technology Stack:



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.

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- Total SC, ST, OBC Applications : 2,00,29,095
- Total SC, ST, OBC Certificates : 1,76,81,698
- Total EWS Applications : 90,690
- Total EWS Certificates : 74,793
- Total Digitized Certificates : 55,80,389

KEY FEATURES

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

TECHNICAL STACK

- React
- PHP
- Laravel
- Node JS
- PostgreSQL
- Java
- Apache

PROJECT NAME	PRISM ID	PROJECT URL	G2G G2C
BANGLAR SHIKSHA	18406	https://banglarshiksha.wb.gov.in	



HIGHLIGHTS

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

Head of Institution (HOI):

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

Sub-Inspector of Schools (SI):

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

District Inspector of Schools (DI):

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

Directorate of School Education (DSE):

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

This platform is designed to facilitate efficient data management and academic monitoring across all levels of school education, from pre-primary to Class XII, ensuring transparency, accountability, and improved governance. The primary stakeholders include Heads of Institutions, Sub-Inspectors of Schools, District Inspectors of Schools, and the Directorate of School Education.



 Number of Schools			 Number of Classrooms		
Total Schools	Rural	Urban	Primary (incl. PP)	Secondary	
95,502	83,342	12,160	3,36,533	2,26,485	

 Student-Classroom Ratio		 Pupil-Teacher Ratio	
Primary (incl. PP)	Secondary	Primary (incl. PP)	Secondary
19	49	22	45

 Enrolment & CWSN Enrolment		 Functional Drinking Water Facility		
Enrolment	CWSN Enrolment	Total Schools	Having Water	Percentage
1,74,30,122	1,08,009	95,502	94,044	98.47%

 Number of Schools: 95,502		
Boys	Girls	Co-Ed
919	2,764	91,819

 Total Teachers: 5,37,837		 Total Students: 1,74,30,122	
Male	Female	Boys	Girls
2,98,442	2,39,395	86,95,723	87,34,399



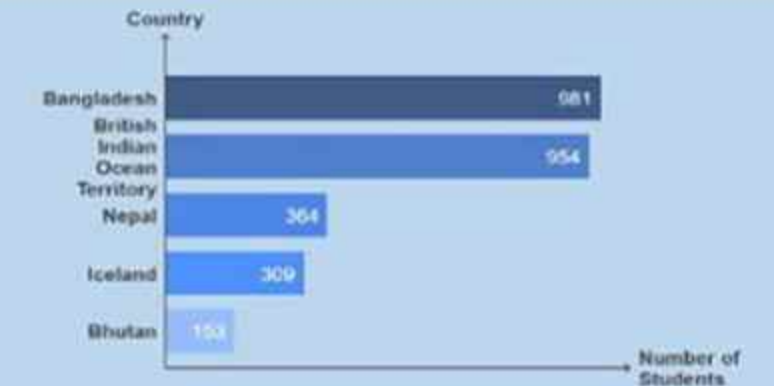
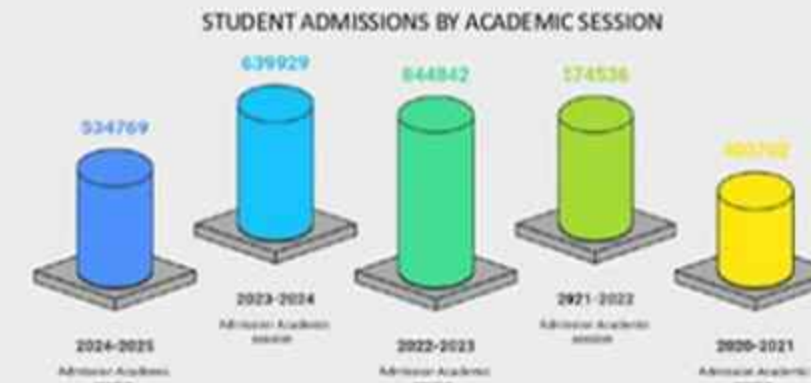
Technology Stack : PHP, CodeIgniter, Bootstrap, PostgreSQL, Apache

Banglar Uchcha Shiksha

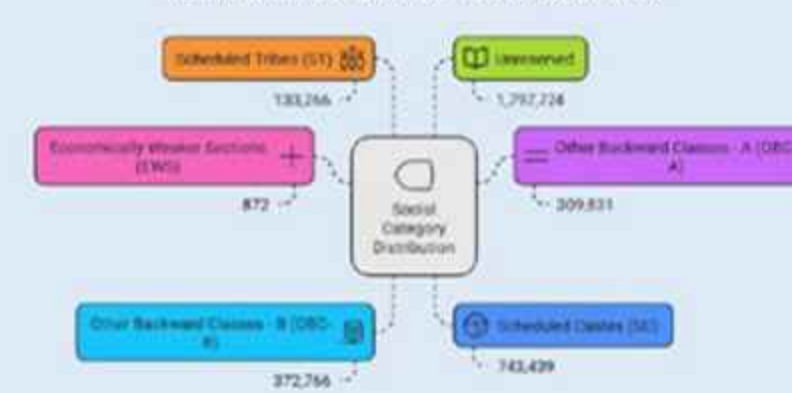
Banglar Uchcha Shiksha (BUS) Portal is being developed to act as a repository of all data related to all the institutions (General Degree/Training/Law/ Physical Education/Technical/Engineering colleges and State Aided Universities) under Higher Education Department, Go WB to streamline all related processes and data management information from the ground level to the executive level i.e. the decision makers or the Department functionaries whilst maintaining transparency across all levels of governance. The portal caters the data repository of 42 Universities, 59 Govt. Colleges, 450 Govt. aided Colleges, 09 govt. Engineering Institution. The portal also holds individual student profile data from 1411 Institutions within West



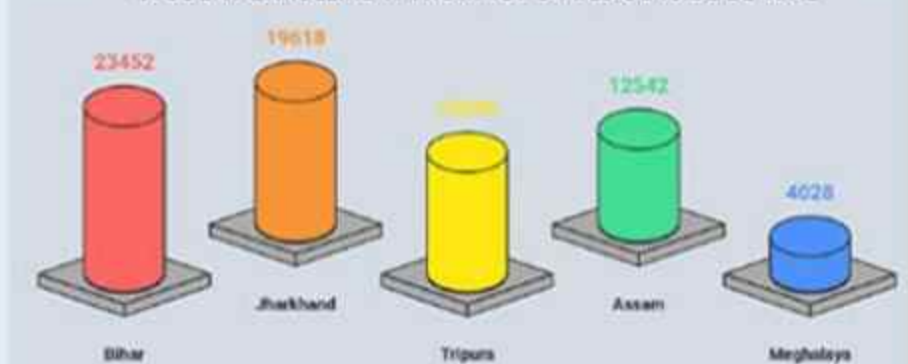
SUCCESS STORY AND STATISTICS



SOCIAL CATEGORY DISTRIBUTION IN POPULATION



STUDENT ENROLLMENT FROM TOP STATES OUTSIDE BENGAL



TECHNOLOGIES



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

Highlights

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

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



- ✓ We are working on school basic Details modification form at the District Level with a maker-checker concept using the Laravel framework.
- ✓ We are working on Section 3 Teacher Details of the application as per the DCF, using the Laravel framework to improve security and performance.

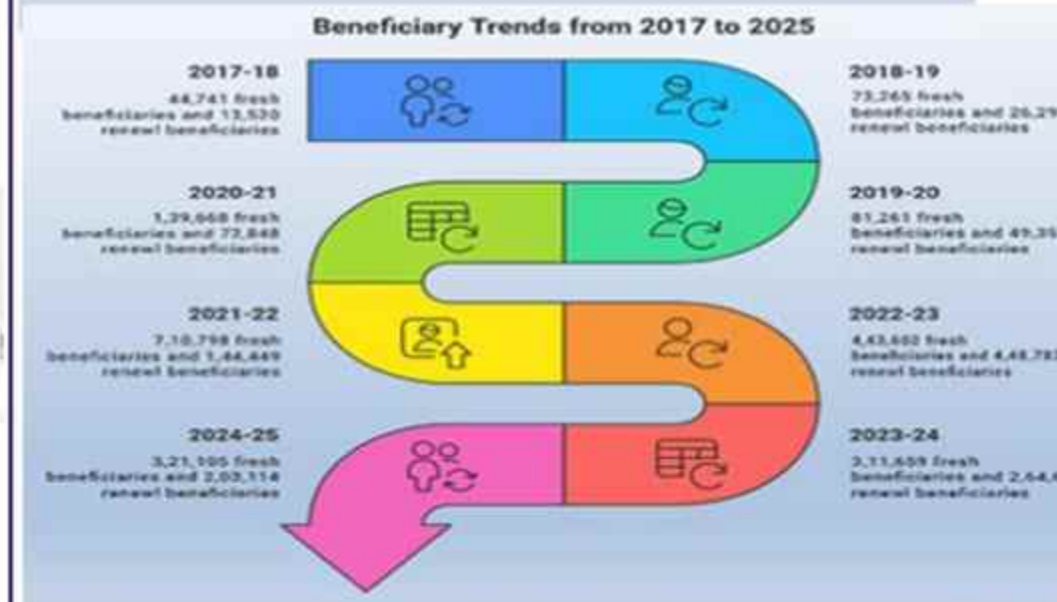
Total Schools: 93,068	Total Teaching Staffs: 5,80,313	Total Non-Teaching Staffs: 35,286
Having Toilet: 92,234	Having Electricity: 89,749	Having Ramp: 64,385
	Having Drinking Water: 92,290	



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

HIGHLIGHTS

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



TECHNOLOGIES



West Bengal Direct Benefit Transfer (WBDBT)

PRISM ID : 3052

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


Highlights:

West Bengal Direct Benefit Transfer (WBDBT) Dashboard

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

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

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

ABOUT

Integrated Salary Management System (iOSMS) V2 is a robust initiative of the School Education Department, Government of West Bengal, aimed at managing employee-related HR functions for both Secondary and Primary sectors through a unified virtual platform designed and developed by NIC, West Bengal.

HIGHLIGHTS

- 1)Efficient Payroll Management:** Automated salary disbursement seamlessly connected with IFMS.
 - 2)Online Service Records:** Safe and convenient access to service and pension information.
 - 3)Transfers & Salary Statements:** Hassle-free transfer management with immediate pay slip availability.
 - 4)Salary Revisions:** Timely and precise implementation of salary enhancements.
 - 5)Income Tax Services:** Simplified online management of tax-related activities.
- Employee Profile Administration: Secure and easy updating of personal and service records.

PROJECT DASHBOARD



PROCESS FLOW



STATISTICS

Employees of Primary Schools
No. of Primary School Teachers: **184,819**
Monthly salary disbursement : **Rs 885 Cr (net salary)**

Employees of Secondary Schools
No. of Secondary School Teachers: **192,076**
Monthly salary disbursement : **Rs 1297 Cr (net salary)**

TECHNICAL STACK

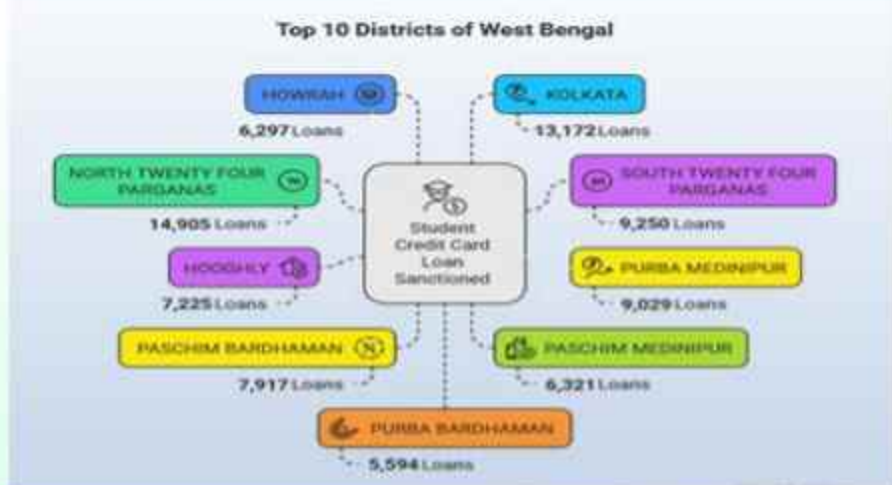


State Projects

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



E-Allotment of Rental Housing Estates, Housing Department

Department of Housing, Govt. of West Bengal

Highlights

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

Key features

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

Statistical Figures/Integrations

GOVERNMENT RHEs AVAILABLE FOR ALLOTMENT



35

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

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

Technology Used



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

PRISM Id: 20968



The Department of Housing, West Bengal, offers accommodation through 13,800 RHE flats across 23 districts, with 35 government RHEs (types A, B, C, D, VIP) available in Kolkata. To enhance transparency and efficiency, NIC developed the e-Allotment portal, providing end-to-end digital service from application to QR-based license generation and flat occupancy.

- No. of Total RHE Flats Across West Bengal : 13,800
- No. of Government RHEs Available in Kolkata Region : 35
- No. of Flat Types: A, B, C, D & VIP

Recent Activities

- Preparation of the Software Requirement Specification (SRS) documentation.
- Providing maintenance and support services from time to time.
- Initiation of the automated offer letter cancellation process.
- Revamping of the project using a new technology stack is currently in progress.

Summary/Training

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

Different Modules in the System

- ✓ Login through IFMS portal with HRMS ID



Directorate of Commercial Taxes

(Finance Department, Government of West Bengal)

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

Highlights:

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



Key Features & Impacts:

Features

- API Integration
API based Data Consumption from GSTN
- Integrations
Integration with GRIPS
- Expense Management
Monitoring allotment of fund and Expenditure Statement
- Settlements
On-line "Settlement of Disputes"
- Communication
SMS & Email Integration
- Customer Support
Quick Grievance Redressal
- Appeals & Cases
Online appeal / revision facility with monitoring of cases

Impacts

- Service availability anytime & anywhere
- Increased Tax collection & Tax base
- Better detection of Irregularities
- Helps in future policy making etc.

Yearly Data (2025-26):

Active Taxpayers as on 31st March 2026	4,38,333
Total Revenue Collection during Financial Year 2025-2026	1,33,785 Cr

Usage Statistics

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

Technology Stack:



Tourism Department Website & Mobile App of Kalimpong District Tourism

PRISM ID 3139
Production URL <https://wbtourism.gov.in>

Highlights

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



Achievement : Successfully development and implemented




Mobile App

Technology Stack:



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



<https://polytechnic.wbtetsd.gov.in>

PRISM ID: 17832

eGovernance Portal of Govt. Polytechnics

Technology Stack : PHP, CodeIgniter, Bootstrap, PostgreSQL, Apache

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.

- ❖ **Centralised 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 utilisation.

Statistics (as on 18/06/2026)

- Total No. of Active Employees : 2,946
- Total No. of Class Execution : 27,87,684
- Total No. of Routine Created : 3,10,562
- Total No. of Stock Entered : 29,937

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

PRISM ID: 18086

Integrated Online Salary Management System for DVET (i-OSMS)



Technology Stack : PHP, CodeIgniter, Bootstrap, PostgreSQL, Apache

i-OSMS, West Bengal's Integrated Online Salary Management System for DVET (Directorate of Vocational Education & Training), digitizes Vocational Trainer/Instructor Management. It automates payroll via IFMS (Integrated Financial Management System) and handles service records, pay-slips, salary increments and also disburses financial aid to each eligible student under the Taruner Swapna Scheme on a single, streamlined platform.

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.**

Statistics (as on 18/06/2026)

- No. of Vocational Institutes : 2,585
- No. of Vocational Teachers/Instructors : 10,969
- Monthly Salary Disbursement : ₹909.13 Crore (Approx.)
- Monthly Remuneration Disbursement : ₹11,67,00,116 (Last Drawl Disbursement : ₹19,97,636)
- Monthly Recurring Grant Disbursement : ₹1,63,59,164
- Number of active beneficiaries under Taruner Swapna Scheme : 42,764 (F.Y. 2025-2026)
- Disbursement of Tab Fund under Taruner Swapna Scheme : ₹14,02,90,000 (F.Y. 2025-2026)

Project Name	Prism Id	Project URL
e-Transport (SARATHI)	G2G G2C	https://sarathi.parivahan.gov.in/sarathiser vice/stateSelectBean.do

Highlights

The SARATHI Project covers the core activities :

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

Sarathi
সারথী

Implementation / Benefits of Citizen:

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



Technical Stack

Centrally developed

Graph



Statistics

- No. of transactions (SARATHI) May'2026 :8,97,013
- No. of transactions (SARATHI) cumulative :4,36,34,283
- No. of DL issued (SARATHI) May 2026 :43,840
- No. of DL issued (SARATHI) cumulative :1,02,74,115

Project Name	Prism Id	Project URL
e-Transport (VAHAN)	G2G G2C	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.

Vahan
বাহন

Implementation / Benefits of Citizen:

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



Technical Stack

Centrally developed

Graph



Statistics

- No. of transactions (VAHAN) May'2026 :3,77,652
- No. of transactions (VAHAN) cumulative :12,94,91,648
- Vehicle Registration (VAHAN) May'2026 :1,18,127
- Vehicle Registration (VAHAN) cumulative :1,85,93,911

Project Name	Prism Id	Project URL
e-Transport (PUCC)	G2G G2C	https://puc.parivahan.gov.in/puc/

Highlights

The PUCC Project covers the core activities :

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



Implementation / Benefits of Citizen:

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



Technical Stack



Graph



Statistics

- ✓ No. of PUCC issued (All India) May'2026 : 66,04,290
- ✓ No. of PUCC issued (All India) cumulative : 44,47,95,633
- ✓ No. of PUCC issued (West Bengal) May'2026 : 5,52,399
- ✓ No. of PUCC issued (West Bengal) cumulative: 3,47,96,494

Project Name	Prism Id	Project URL
e-Transport (e-Detection)	G2G G2C	https://vahan.parivahan.gov.in/eDetection

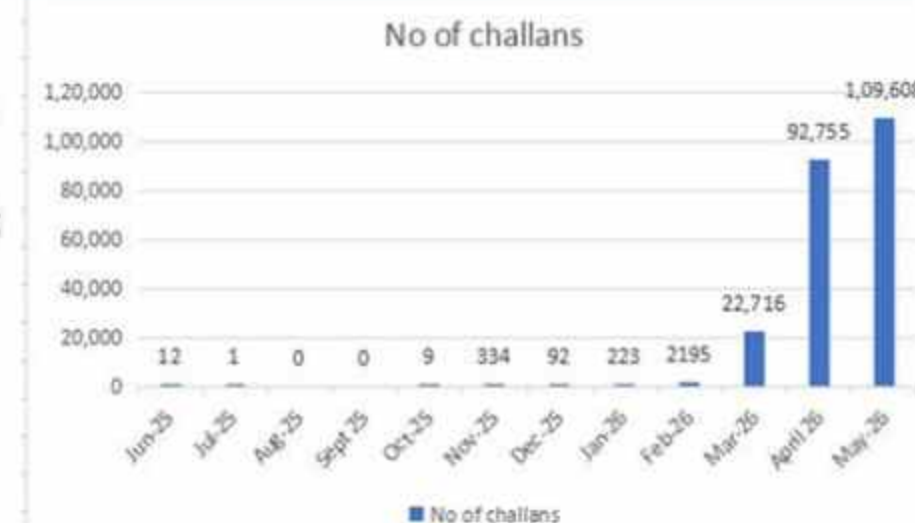
Highlights

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



Graph



Statistics

- ✓ No. of challans (e-Detection) May'2026 : 1,09,608
- ✓ No. of challans (e-Detection) cumulative : 2,28,058

Implementation / Benefits of Citizen:

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

Project Name	Prism Id	Project URL
e-Transport (iRAD)	G2G G2C	https://irad.parivahan.gov.in/

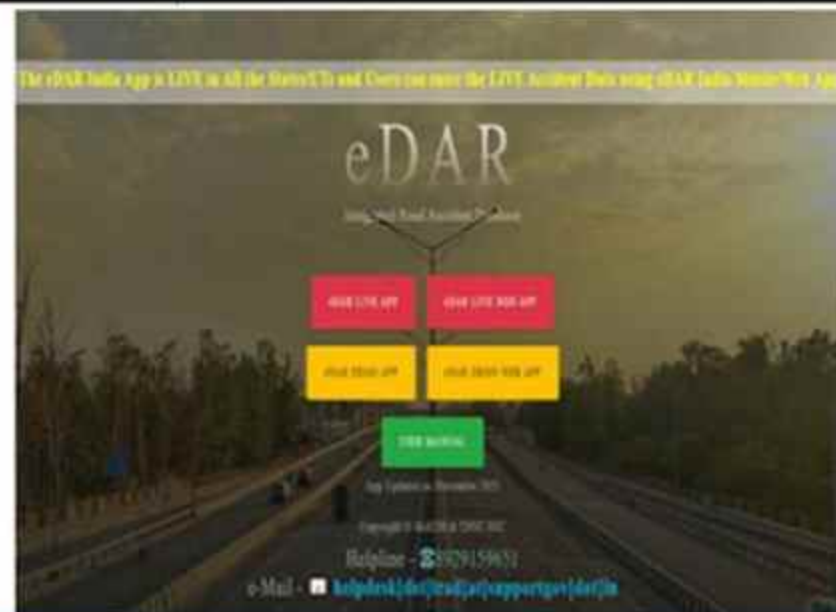
Highlights

The iRAD Project covers the core activities :

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

Implementation / Benefits of Citizen:

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



Technical Stack

Centrally Developed

Graph



Statistics

- ✓ No. of accidents recorded May'2026 : 586
- ✓ No. of accidents cumulative : 20,322

Project Name	Prism Id	Project URL
e-Transport (e-Challan)	G2G G2C	https://echallan.parivahan.gov.in/

Highlights

The e-Challan Project covers the core activities :

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



Implementation / Benefits of Citizen:

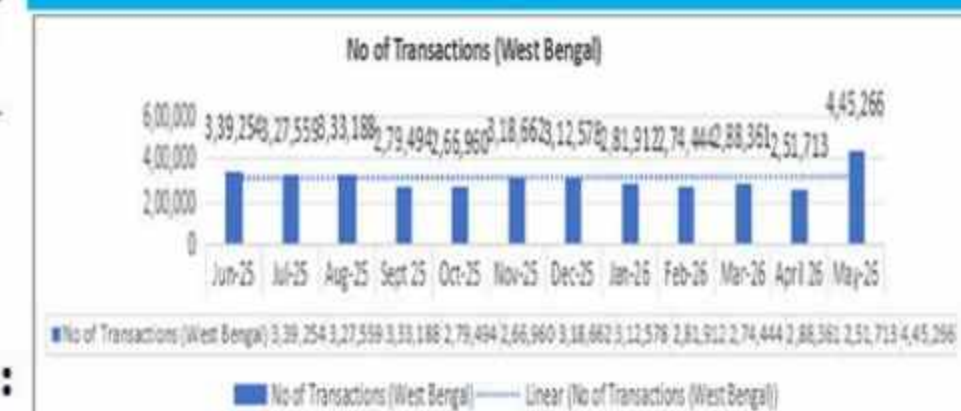
- This is an end-to-end automated system with digital interface for all the stakeholders in purview of challan eco-system. The application offers customized interfaces for the following stakeholders:
- Connecting all the stakeholders through a common system will ensure data integrity, reliability and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



Technical Stack



Graph



Statistics

- ✓ No. of e-Challans May'2026 (All India) : 80,04,242
- ✓ No. of e-Challans cumulative (All India) : 39,40,67,840
- ✓ No. of e-Challans May'2026 (West Bengal) : 4,45,266
- ✓ No. of e-Challans cumulative (West Bengal) : 1,15,61,149

Project Name	Prism Id	Project URL
e-Transport (Content Management System)	3586	In development phase
Highlights The CMS Project covers the core activities : ➤ User Authentication and Authorization ➤ Form based Entry and Update of Schemes ➤ Entry of Scheme Status ➤ Reporting Workflow ➤ Report Compilation at State Level ➤ Data Visualization and Analysis ➤ Notifications and Alerts ➤ User Management ➤ Data Export ➤ Security Features ➤ Reporting Categories and Templates ➤ Data Quality Checks ➤ GIGW Compliant Interface ➤ Demonstration to The Transport Department Technical Stack Laravel Bootstrap jQuery 3.6.0 PostgreSQL Highchart JavaScript Graph In development stage Statistics ✓ In development stage		

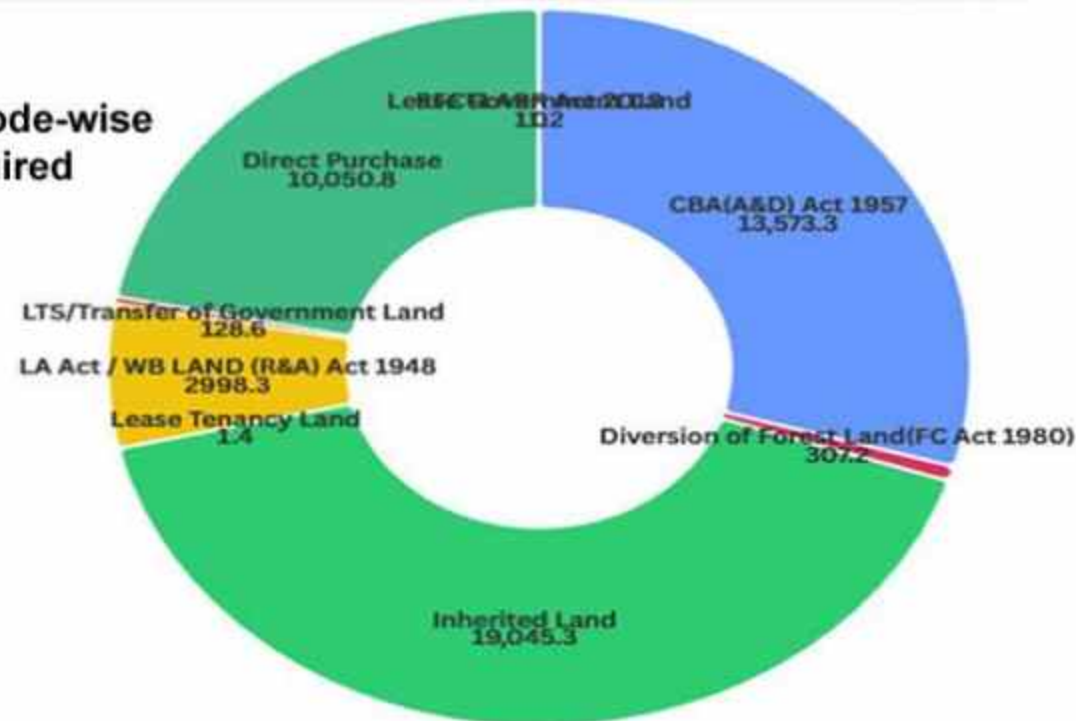


State Projects

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



Acquisition Mode-wise
Area Acquired



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.

The COALRR portal is designed to simplify the land acquisition process by providing a transparent and accountable digital platform to stakeholders. It facilitates Compensation, R&R benefits, GIS Mapping and better monitoring and reporting.



TECHNICAL STACK

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

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

INTRODUCTION

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

AREAS OF ACTIVITIES

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

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.



INTRODUCTION

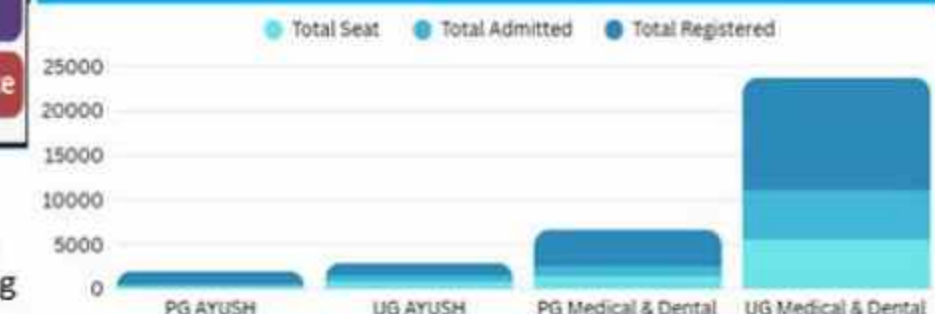
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UG Medical and Dental Counselling

Technical Stack



Graph



Statistics

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



Web Application of the Department of Power

Department of Power, Govt. of West Bengal

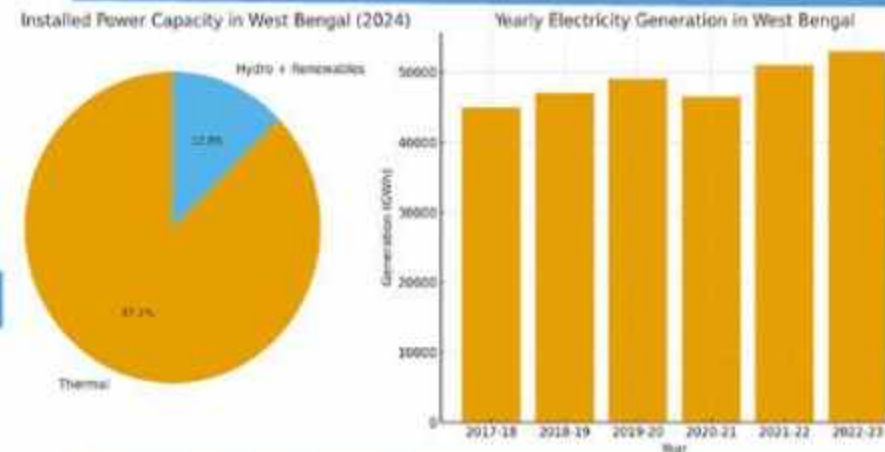
<https://wbpower.gov.in/> PRISM Id: 21204



The Department of Power, Govt. of West Bengal, manages electricity generation, distribution, and regulation. Its portal offers online services like licensing, new connections, and grievance redressal. The ICT platform ensures transparency with digital applications, payments, and certificate issuance.

- No. of Consumers across West Bengal : 1.8 Crore+
- No. of renewable energy projects under implementation : 100 MW+
- No. of Major Utilities : 4 (WBSEDCL, WBSETCL, WBPDCCL & CEI)

Graphical representation (yearly/monthly increment)



Recent Activities

- The Level 5 and Level 6 audit reports have been completed successfully.
- The Screen Reader section has been implemented in the wb power new theme.
- Preparation of the Software Requirement Specification (SRS) documentation.
- The new theme integration work for the new portal is 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.

Highlights

"Empowering the people, energizing the state."

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

Key features

- ◆ Content Storage & Organization
- ◆ Content Publishing & Workflow

Statistical Figures/Integrations

- ⚡ 1972 – Department of Power established
- 👤 1.8 Crore+ Consumers across West Bengal
- 🏭 4 Major Utilities – WBSEDCL, WBSETCL, WBPDCCL & CEI
- 📡 100 MW+ renewable energy projects under implementation
- 💻 Statewide ERP & IT systems improving efficiency

Different Modules in the System



Technology Used



Awards and achievements

- ◆ IPPAI Award, 2020
- ◆ IPPAI Award, 2019



e-Services for Directorate of Electricity

Department of Power, Govt. of West Bengal

<https://doepower.wb.gov.in>
<https://tathyasathi.bangla.gov.in> PRISM Id: 21203



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

Directorate of Electricity (DOE), WB is a vital component of the Power Department, responsible for overseeing the efficient functioning of electricity services. With a focus on modernization and service excellence, DOE offers a range of services to meet the diverse needs of stakeholders. Directorate of Electricity (DOE) offers three main types of services available (Lift/Escalator, Licensing Board, Inspection Services), catering to various aspects of electricity management and regulation.

Key features



Statistical Figures/Integrations

- 65668+ LICENSE DELIVERED FOR LIFT & ESCALATOR SERVICES
- 4123+ LICENSE DELIVERED FOR INSPECTION SERVICES
- 68838+ LICENSE DELIVERED LICENSING BOARD SERVICES
- 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

Different Modules in the System

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

- No. of License Delivered for Lift & Escalator Services : 72056+
- No. of License Delivered for Inspection Services : 4852+
- No. of License Delivered for Licensing Board Services : 83251+

Graphical representation (yearly/monthly increment)



Recent Activities

- User reassigned for lift services district wise.
- Working in lift maintenance services
- Special report generated as per the requirements.
- Migration process in progress.

Summary/Training

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

Technology Used

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





Modified West Bengal Textile Incentive Scheme (WBTIS)

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

Highlights

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

PRISM Id: 21257

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

The Directorate of Textiles, West Bengal, oversees development across handloom, powerloom, hosiery, silk weaving, and garment sectors. Through the WBTIS portal, the government extends fiscal incentives to bolster the entire textile value chain—from raw fiber to finished garments.

- 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.

- No. of Registered Users : 201
- No. of Power Textiles Registered : 30
- No. of Application Approved : 23
- No. of Handloom Textiles: 125
- No. of Total Approved Amount : 1,746.02 Lakhs

Key features



Automated Subsidy Calculator



Realtime Application status

Technology Used



Statistical Figures/Integrations

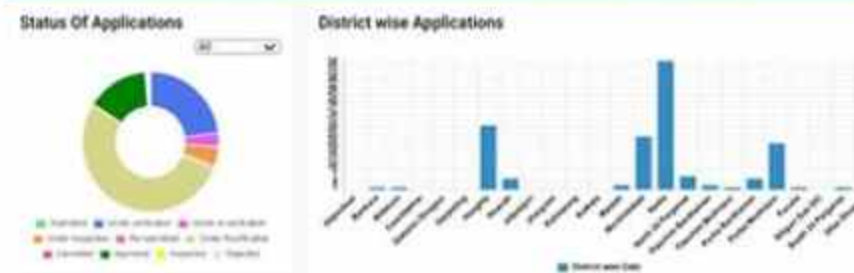


Different Modules in the System



Platform: React, Next.js, MySQL

Graphical representation (yearly/monthly increment)



Recent Activities

- Implemented visual enhancements across the website following the change in administration, including updating board member information and related content to accurately reflect the current organizational structure.
- Introduced an additional access-control layer to restrict and regulate user access to the website during the ongoing transition period, ensuring enhanced security and controlled availability.

Summary/Training

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



e-Services of Marketing Incentive

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

Highlights

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

PRISM Id: 21211

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

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

Key features



Different Modules in the System



The Marketing Incentive Scheme supports West Bengal's handloom sector by promoting sales, improving competitiveness, and boosting productivity. Jointly funded by the Government of India and Government of West Bengal (50:50), the scheme offers 10% incentive on average sales turnover to eligible handloom agencies for up to 3 years. This helps handloom cooperatives upgrade infrastructure, attract customers, and grow sustainably. The project is under development.

Recent Activities

- Disabled credentials of Director of Textiles and Joint Director of Textiles.
- Removed photograph and contact details of Ex-Director and Ex-Joint Director and 2 other officials.
- Replaced Biswabangla logo and related images with new government-suitable logo and icons across the website.
- Updated designation, contact number and other details for newly appointed Director and other officials.
- Created new login credentials for Directorate of Textiles and Joint Director of Textiles users.
- Prepared departmental handover details and updated administrative access structure.

Summary/Training

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

Technology Used





Portal for Youth Services and Sports

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

Highlights

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

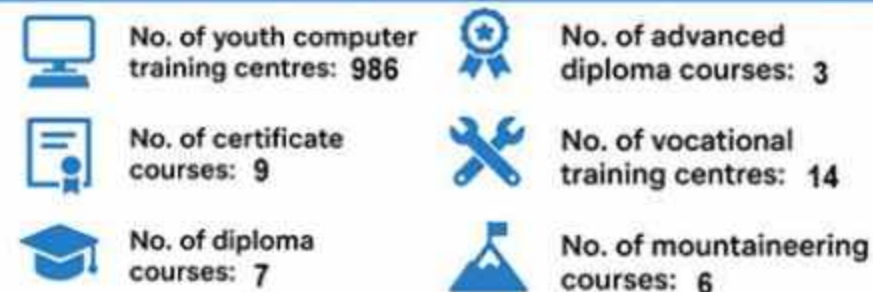
"Igniting youthful energy and sporting spirit across Bengal."

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

Key features



Statistical Figures/Integrations



Technology Used



Platform: Laravel 12(PHP 8.3), PostgreSQL 16

To create scope and opportunities for the overall benefit of the youth in order to lead them to the right path enabling them to serve the nation and to promote and inculcate sports culture among the youth of the state through competitive spirit, camaraderie and sportsmanship.

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

Recent Activities

- PWD mandates like increase and decrease in font-size implemented
- Website and CMS base color change for both Sports and Youth Services
- Implementing auto caching
- Refactoring code base
- SEO done

Summary/Training

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

Different Modules in the System



Paschim Banga Go Sampad Bikash Sanstha (e-PBGSBS)

e-PBGSBS Management System for Department of Animal Resource Development, Govt. of West Bengal

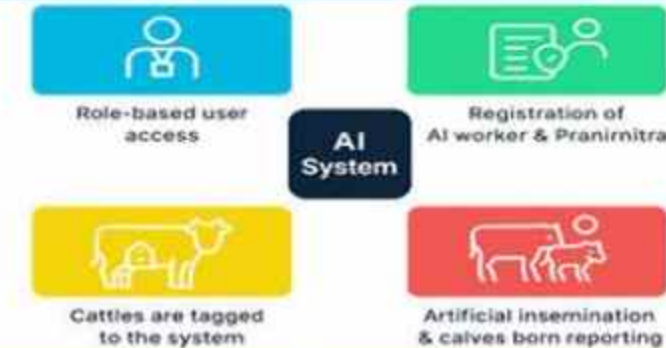
Highlights

<https://pbgsbs.gov.in> PRISM Id: 21228

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

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

Key features



Statistical Figures/Integrations

MultiTier application for collecting real time data on Artificial Insemination from village level to state and periodic service delivery to village level A.I. worker and the farmer. Services are available through multiple modes like web portal, mobile app, smart phone version as well as through SMS services. SMS and web based Registration of Breed able Cattle & Buffalo by using ear tag having 12 digit unique number.

- No. of Nos. of AI worker & Pranimitra registered to the system : 22,003
- No. of Nos. Cattle are tagged to the system : 84,25,487
- No. of Total artificial insemination done : 1,06,32,274
- No. of Total calves born reported : 20,88,866
- Total no. of SMS pulled to the system : 2,53,07,240
- Total no. of SMS pushed from the system : 3,04,96,475

Technology Used



Platform: Drupal 7.103(PHP 8.2), PostgreSQL 15

Recent Activities

- Project Documentation : Prepared comprehensive project documentation including SRS, DFD, ERD, database schemas, workflow diagrams, technical specifications, and architecture documentation for the full application including unused module.
- Photo Gallery Module (Home Website / PDS): Developed and deployed a Drupal photo gallery module, replacing two legacy modules with an album-based management system featuring multi-image uploads, album reordering, modal gallery browsing, and improved image validation, performance, and responsive rendering.
- Video Gallery Module (Home Website / PDS): Rebuilt the video gallery module from scratch, supporting YouTube and local MP4 content with enhanced media organization, secure file handling, responsive playback, and improved thumbnail rendering.
- Alias-Driven Landing Pages (Home Website / PDS): Designed and implemented seven public-facing landing pages with custom layouts, interactive components, data-driven content sections, and a reusable gallery integration framework for streamlined content management.
- Theme & Frontend Modernization (Home Website / PDS): Modernized the Drupal theme by removing deprecated assets, introducing a unified design system, enhancing responsiveness, standardizing media presentation, and improving overall UI/UX consistency across devices.
- Mobile Application Development (API & Frontend): working on mobile application, including API structure and endpoints, and built frontend screens for core functionalities such as animal registration, artificial insemination, SS-artificial insemination and calf-born.

Summary/Training

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

Different Modules in the System




<https://wbtenders.gov.in>

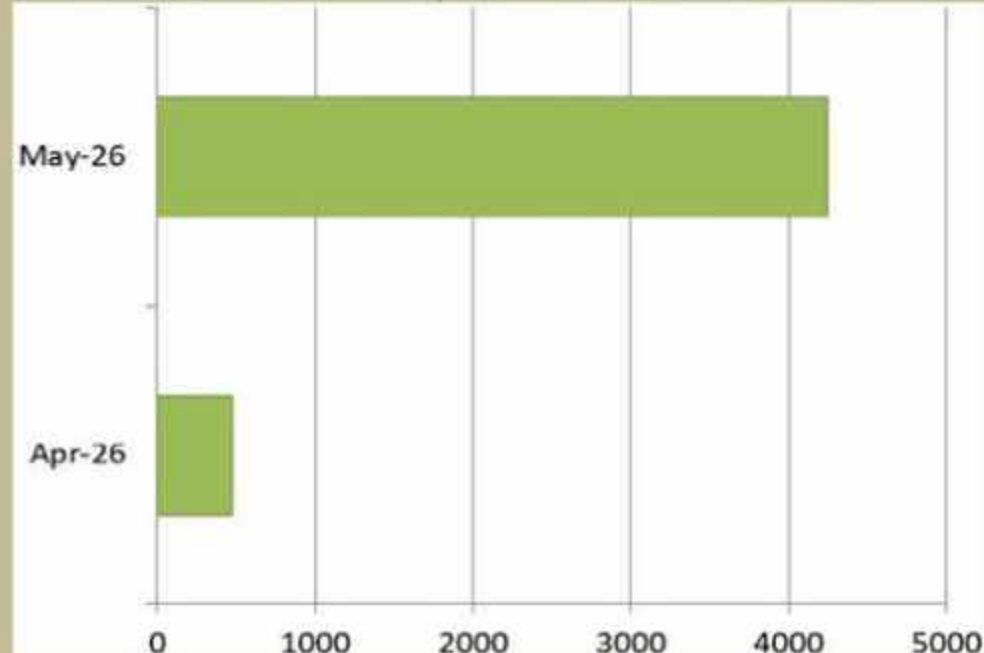
West Bengal Procurement Portal

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 2026-27



During May 2026

#Value	#Tenders
₹ 4250.30 Cr	4245

Cumulative Since Inception

#Value	#Tenders
₹ 76599578.03 Cr	2414196

Since Inception

#Active Bidders /Contractors	#Active Dept. Users
80622	18218

Since Inception

Active registered Organizations
9136


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

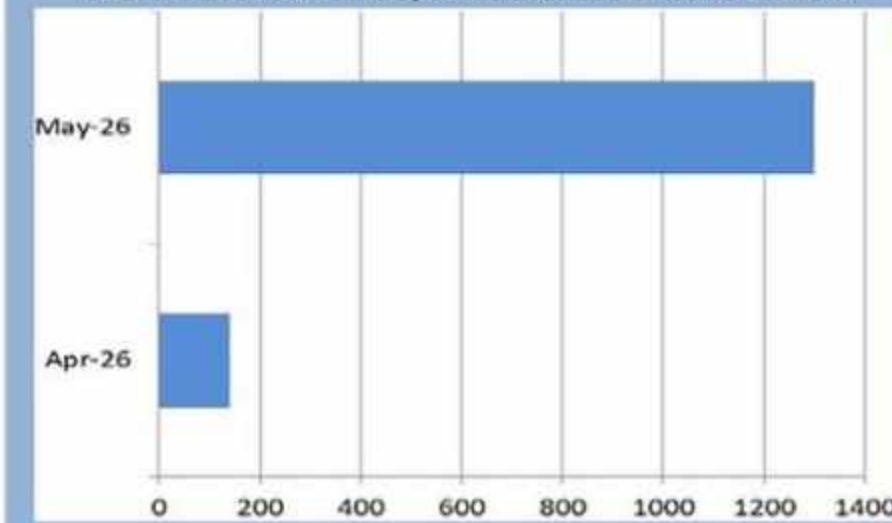
West Bengal Procurement Portal hosted at WBSDC

The Government of West Bengal is using new eProcurement platform since December, 2025 after observing all rules and formalities.

It is dedicated exclusively to APAS and Pathashree schemes. The slotting mechanism also applies to the new portal. At present it will support only offline payment options for EMD and related transactions till the facility of deposition of Online EMD become available in the new tender portal.

Initially, only DM offices, BDO offices, Zilla Parishads, Panchayat Samities and Gram Panchayats for the rural area, KMDA/KMC in KMA/Kolkata area, Other Municipal Corporations/concern Municipality and Municipal Engineering Directorate in concern Municipal area and SRDA/similar offices executing these two schemes in their respective jurisdiction are allowed to be on boarded to the new portal.

Month Wise No. of Tenders published for the Financial Year 2026-27



During May 2026

#Value	#Tenders
₹ 184.40 Cr	1297

Cumulative Since Inception

#Value	#Tenders
₹ 6174.88 Cr	81589

Since Inception

#Active Bidders /Contractors	#Active Dept. Users
64860	14239

Since Inception

Active registered Organizations
9133

eAuction India

A secure, transparent platform for conducting Electronic Auctions by Government

<https://eauction.gov.in>

e-Auction in West Bengal

Transparent, paperless bidding for public assets, contracts, and resources across the state.

e-Auction at Scale in West Bengal

61
State offices using NIC
eAuction

2,483
Single- and multi-lot
auctions published

425
Highest bids on a single
auction

7+
States that adopted
eAbgari from WB

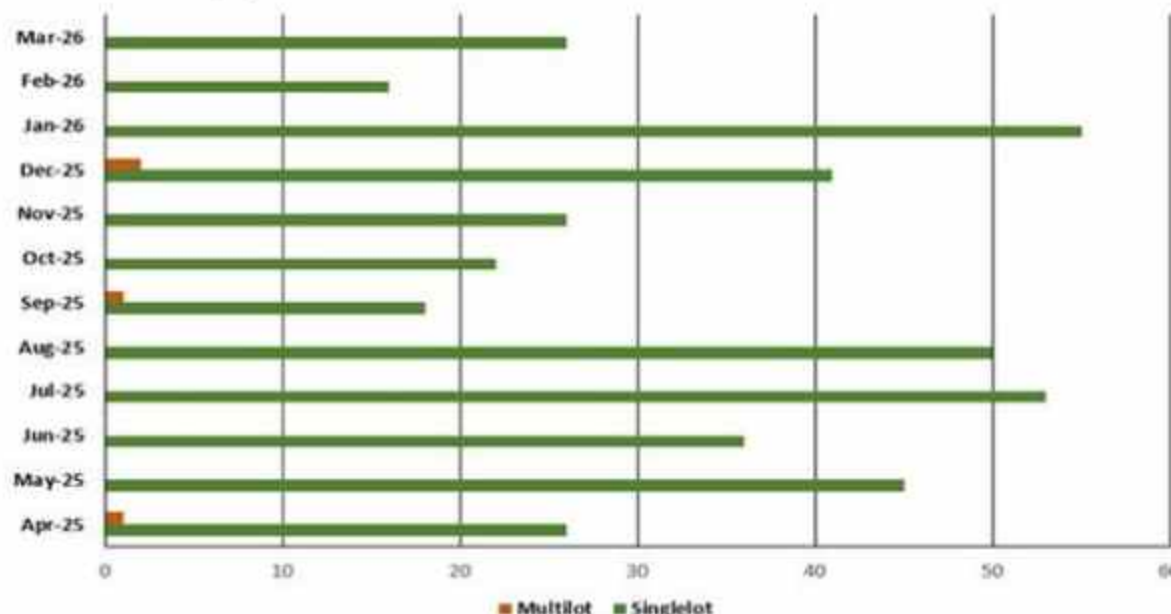


Government of West Bengal is using NIC's eProcurement platform since 2009. Earlier it was funded under eProcurement Mission Mode Project.

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Month Wise No. of eAuction (Singlelot & Multilot) published for the Financial Year 2025-26



Description	Singlelot	Multilot
Auction Value May 2026 (in ₹ Crores)	0.37	0
Cumulative Value Since Inception (in ₹ Crores)	3011.68	220.28
Number of Auctions May 2026	3	0
Number of Auctions (Cumulative Since Inception) (in Lakhs)	0.038	0.003
Bidders/Contractors (Cumulative Since Inception)		
Departmental Users (Cumulative Since Inception)	771	771
Active Registered Organisations	498	498

Parameters (in West Bengal)	Lot Type	Till Previous Month	Report in May, 2026	Cumulative since Inception
Number of Auctions Floated	Singlelot	3751	3	3754
	Multilot	256	0	256
Value of Auctions Floated (in ₹)	Singlelot	301131.65	36,22,600	301167.87
	Multilot	22027.79	0	22027.79
Total Registered Organisations (Till May, 2026) : 498				
Number of DSC Registered for Officers in May, 2026 : 167				
Number of DSC Registered for Officers (Till May, 2026) : 604				

TRAINING SESSIONS IN DECEMBER 2025

Training Program was held in the month of January 2026 with 6 participants on WB GePNIC Software, its different modules & workflow, Prerequisites and requirements for onboarding, complete eTender process flow and BoQ types for **Principal Accountant General (Audit-I), W.B.** held at DPPG, Finance Department, Purta Bhaban, Salt Lake, Kolkata-700091 on 14.01.2026

THE BOTTOM LINE

eAuction has turned everyday government dealings — timber sales, sand mining, licences, tenders — into open, auditable transactions that any citizen can watch unfold in real time.





MARRIAGE REGISTRATION IN WEST BENGAL

<https://rgmwb.gov.in>

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 **747828** nos. of marriages under Special Marriage Act 1954 and **471676** 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.

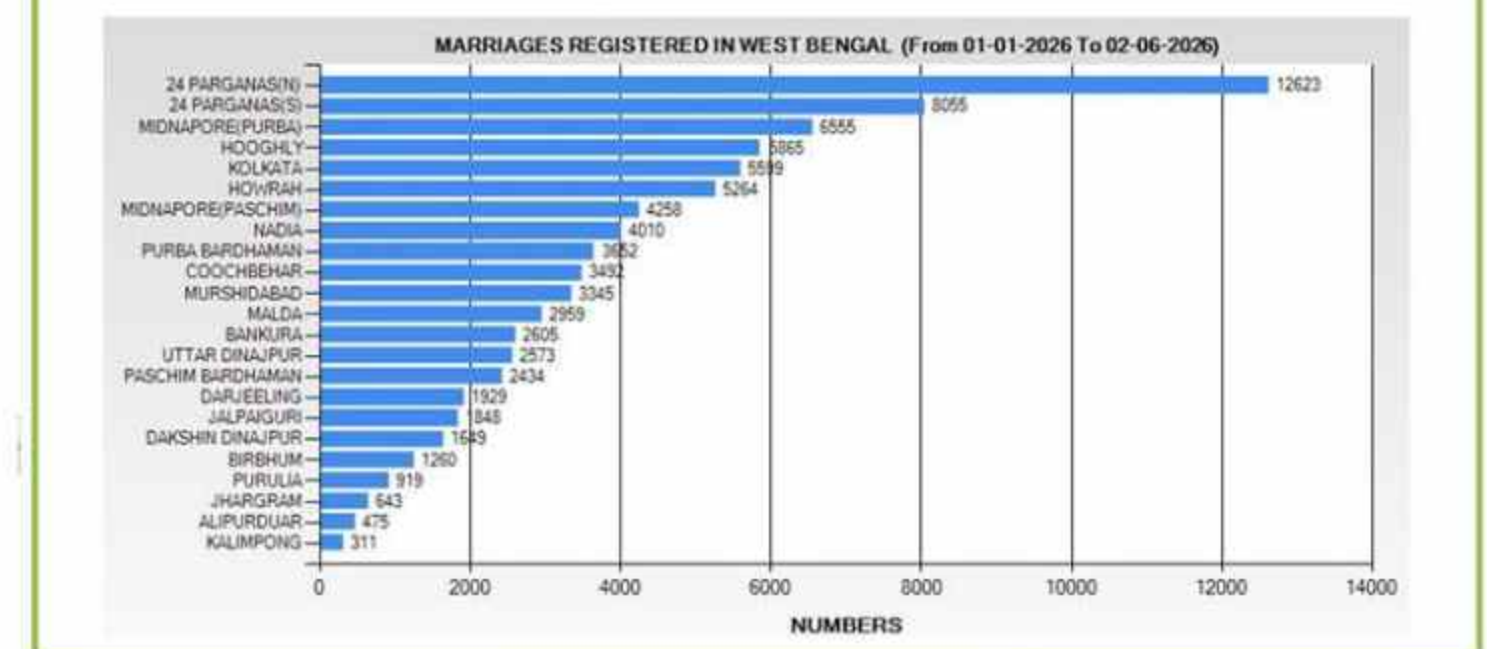
Year-wise Certificates Generated

Year	Cert. Generated
2019	89932
2020	149754
2021	189217
2022	183961
2023	168948
2024	171447
2025	183558
2026	82481

Award and Achievement



District Wise Certificate Generated in the Year 2026 shown below



51708	Applications Submitted (Special Marriage Act u/s 13)	6580	Applications Submitted (Special Marriage Act u/s 16)	38997	Applications Submitted (Hindu Marriage Act)
47575	Applications Accepted (Special Marriage Act u/s 13)	5315	Applications Accepted (Special Marriage Act u/s 16)	32178	Applications Accepted (Hindu Marriage Act)
46864	Marriage Registered (Special Marriage Act u/s 13)	5035	Marriage Registered (Special Marriage Act u/s 16)	30487	Marriage Registered (Hindu Marriage Act)
46919	Certificate Generated (Special Marriage Act u/s 13)	5049	Certificate Generated (Special Marriage Act u/s 16)	30516	Certificate Generated (Hindu Marriage Act)

Child Marriage Reporting and Tracking System V 1.0

G2G

CMRTS Online 1.0

Username

Password

85u3 2

Capcha

Sign In

Forgot Password?

CMRTS Online 1.0 © Copyright 2023-24, All Right Reserved

Designed & Developed By **NIC**

Disclaimer Contents, data and process owned and maintained by Department of Women & Child Development and Social Welfare, Government of West Bengal.

Technology Stack : Code Igniter 3, PHP 7.4, Apache2.4, PostgreSQL 13

Child Marriage Reporting and Tracking System

PRISM ID: 2814

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 : 14,650
- Enhanced value to citizen : End-to-end ICT enabled solution

Statistics since inception

Intervention Reported – 14,650
Home Enquiry Done – 11,337
Follow-up Done – 48,133

Statistics: May, 2026

Intervention Reported – 312
Home Enquiry Done – 479
Follow-up Done – 2527

Appcoms and Dynamic Web site of West Bengal Information Commission

G2G
G2C

Highlights

PRISM ID : 2632

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

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

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

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



Technology Stack



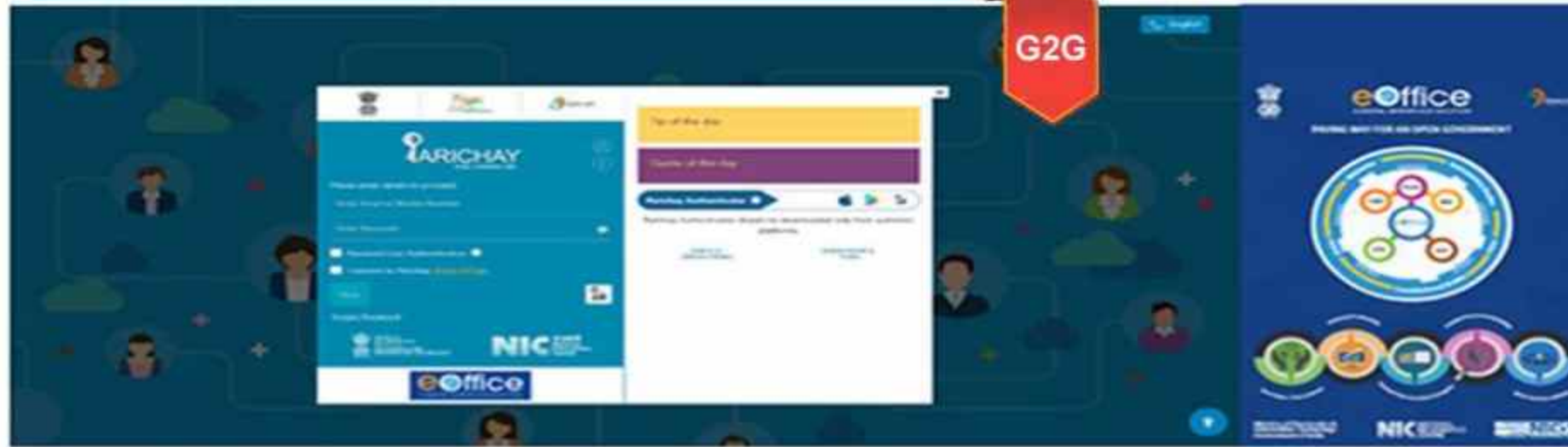
Key Features

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

Achievement: Successfully development and implemented since the Year 2023.

eOffice - Government of West Bengal

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



Technology Stack : Java, PHP PostgreSQL, MongoDB, KAFKA, Redis, ELK

- ✓ 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.
- ✓ Anyfile 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 for Month of March, 2026

Product	Parameters	Feb., 2026	March, 2026	Cumulative since inception
eOffice for Govt. of West Bengal + Districts KP + WBP	Total No. of Users			46783
	eFile Created	25225	18553	1692744
	eReceipt Created	168079	141721	9389044
(NICS Project ID: S170963E0WB)	eFile Moved	867472	805782	42227995
	eReceipt Moved	14867812	15326864	408201300

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.

eOffice Services rendered to Departments in January, 2026

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

Departments under Central Govt.

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

Project Name

**eAbkari
(NCT Delhi)**

Prism Id

3490

Project URL

<https://eAbkari.delhi.gov.in>

Highlights

The eAbkari Project covers the core activities of eAbkari:

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

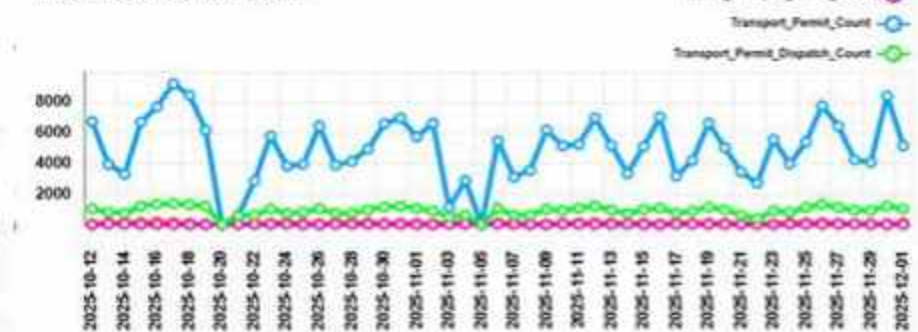


Technical Stack



Graph

Date wise Permit Count



Implementation / Benefits of Citizen:

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

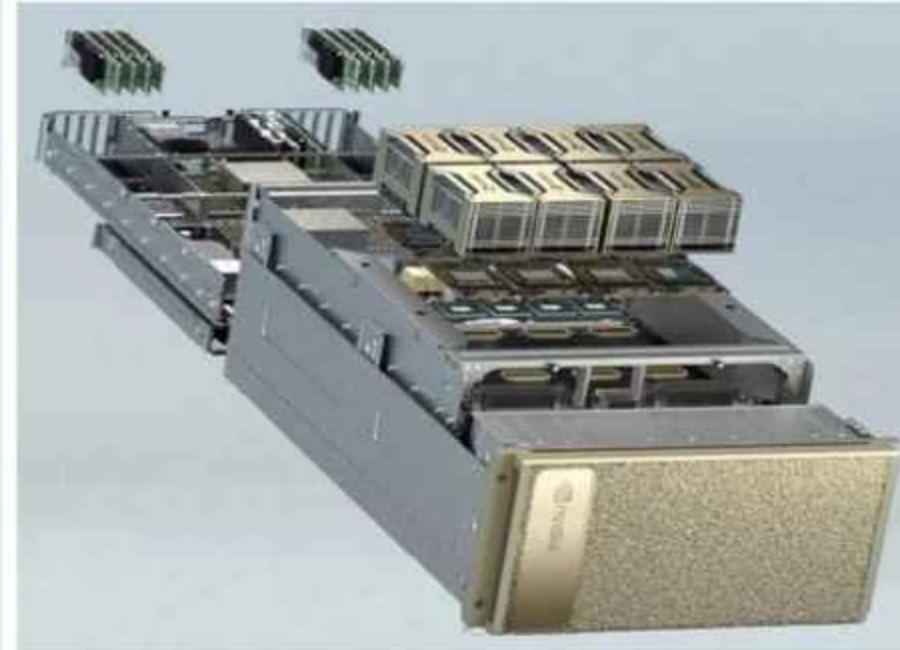
Statistics

- ✓ No. of Licensees: 4357
- ✓ No. of Permits : 25,02,847
- ✓ Corporation Bottle Sold : 91.37 Cr.
- ✓ HCR Bottle sales : 12.39 Cr.
- ✓ Country Liquor sales: 10.39 Cr.
- ✓ Total Revenue : 10,356.64 Cr.



Kubernetes Administration - Supercomputing

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



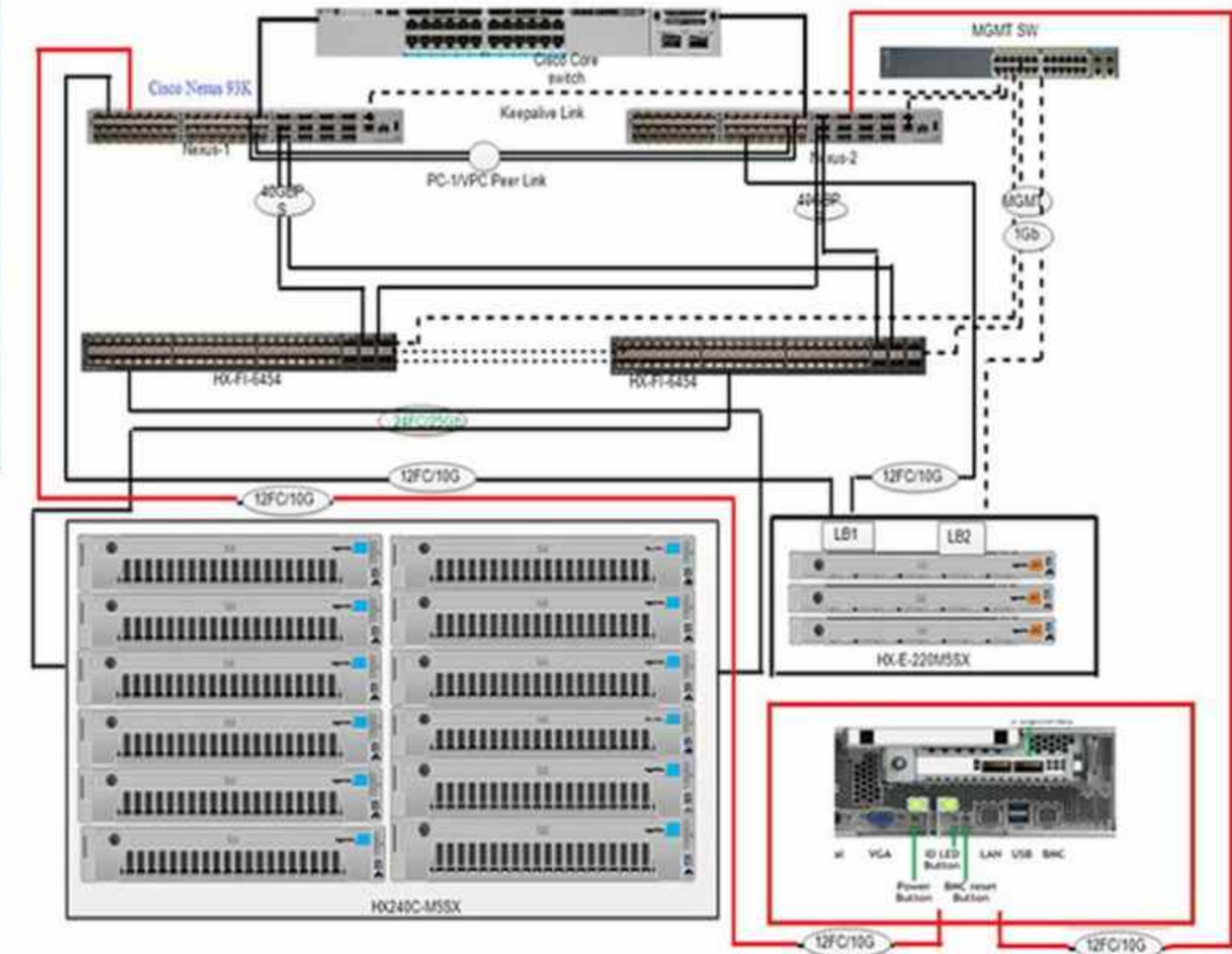
TECHNICAL STACK

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

STATISTICS

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

DGX A100



Architecture of Kubernetes master and DGX A100 worker node are housed within a mini-cloud network.

HIGHLIGHTS

- West Bengal Mini-Cloud delivers IaaS & PaaS to GoWB & NIC projects
- 410 VMs, 34 cloud accounts, 23 backup services, 70 public IPs provisioned
- Hosting 46 departmental websites, with 4 still active (February 2026)
- Built on 12 physical servers with 6 TB RAM & 210 TB storage
- High-speed connectivity of 10G/25G/40G across services
- Supports backend hosting, DevSecOps CI/CD, code repositories & development environments
- Ensures high availability, scalability & secure hosting for citizen-facing services

STATISTICS

Total Websites hosted: 46
Active Websites (still running): 4
Total VMs provisioned: 410
Cloud Accounts: 34
Backup Services: 23
Public IPs: 70
Load Balancers: 6



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



Infrastructure & Resource Allocation

- Servers: 12 units, each with 2 CPUs (24 cores per CPU)
- Storage: 210 TB usable capacity
- Memory: 6 TB RAM
- Cluster Type: Linux-based
- Network Speed: 10G / 25G / 40G

Cloud Services

- VMs Created: 410
- Cloud Accounts: 34
- Load Balancers: 6
- Backup Services: 94
- Public IPs: 70
- Services: PaaS and IaaS

OpenStack Cloud

Platform managing large pools of compute, storage, and network resources.

Key components:

- Nova: Automates compute resources
- Neutron: Manages network connectivity
- Storage: Offers scalable, persistent block storage
- Keystone: Provides authentication & authorization
- Horizon: Web-based management dashboard

❖ A total of 46 websites from various departments under the Government of West Bengal, Government of India, and NIC were hosted from the West Bengal Data Centre.
 As of now, 15 websites remain in the running state, with extended services enabled to support their ongoing migration process.

Mini-Cloud Kolkata Summary

Management Tools

- VMware vSphere, vCentre
- vRealize Automation, vRops
- Alteon Vision (Radware Load Balancer)
- Cisco UCS, Cisco HyperFlex HX
- Data Platform Controller
- Commvault Backup

Other Infrastructure in mini Data Center, Kolkata

Hyper-V Failover Cluster

- Windows-based cluster solution for high availability and scalability of virtual machines.
- Nodes run Hyper-V within Windows Failover Cluster
- Shared storage accessible by all nodes
- Cluster networking ensures inter-node communication

Technology 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
- RHEL Pacemaker Cluster: Linux-based high availability cluster for critical applications.
 - Nodes store state & config
 - SAN-based shared storage
 - Interconnected via reliable network
 - Fencing for node isolation, stickiness to avoid unnecessary migration, and manual migration support

❖ A total of 10 CUCs from the NDC infrastructure are maintained from the Kolkata Data Centre.
 Among them, 66 sites are currently running or operating under extended services due to their ongoing migration process.

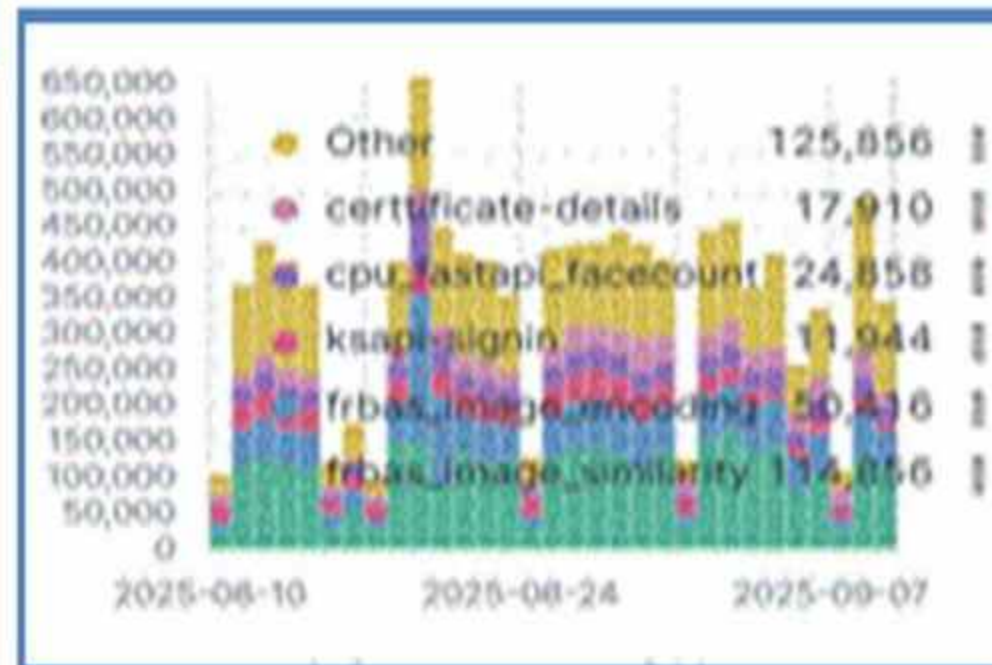
WB NAPIX Gateway & Analytics

API Calls Received : 19.08 crore since inception

API calls for the month of May, 2026 : 61.5 lakh

HIGHLIGHTS

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



Technical Stack

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

Statistics: Since Inception

API Calls Received	19.08 crore
APIs Published (Production)	129+
Products Published (Production)	50
Sandbox Tenant Forms Received	16+
Public IPs Allocated	4 (3 Gateway + 1 Sandbox)

Statistics: May 2026

Number of API Calls Received	61.5 Lakh
Number of APIs Published	5

- Infrastructure** - The subsystems of Gateway and Analytics have been deployed. The gateway has been constructed with a comprehensive architecture to provide centralized management. The NAPIX Sandbox public IP was allocated for the purpose of establishing connections between the SDC/outside NICNET backend servers. Three public IP addresses were allocated to three WB NAPIX gateway servers in order to establish connections between the WB NAPIX Gateway servers and the SDC/outside NICNET. The validation process has confirmed the linkage between the Sandbox and WB NAPIX gateways and the SDC. Additionally, a public IP is allocated to the NAPIX Gateway in order to facilitate access to the endpoints from external sources outside of the NICNET network.
- Production** - A total 50 products and 102 APIs have been published on NIC West Bengal production environment. The catalogue and API may now be accessed using the discover API on the NAPIX portal. We have made extensive efforts to design APIs and the necessary support for migrating all the APIs to the NIC West Bengal NAPIX Gateway.
- Elastic Search Cluster** – Set up a three-node Elastic Search Cluster to store analytical logs from NIC WB NAPIX analytic servers, which only retain logs for three months. The analytics logs can be viewed using the Kibana dashboard.



(State Project)

Unified DevSecOps Framework for Secure, Multi-Stack CI/CD Automation

PRISM ID: 4805

Project URL: <https://register-gitlab.wb.nic.in>

HIGHLIGHTS

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



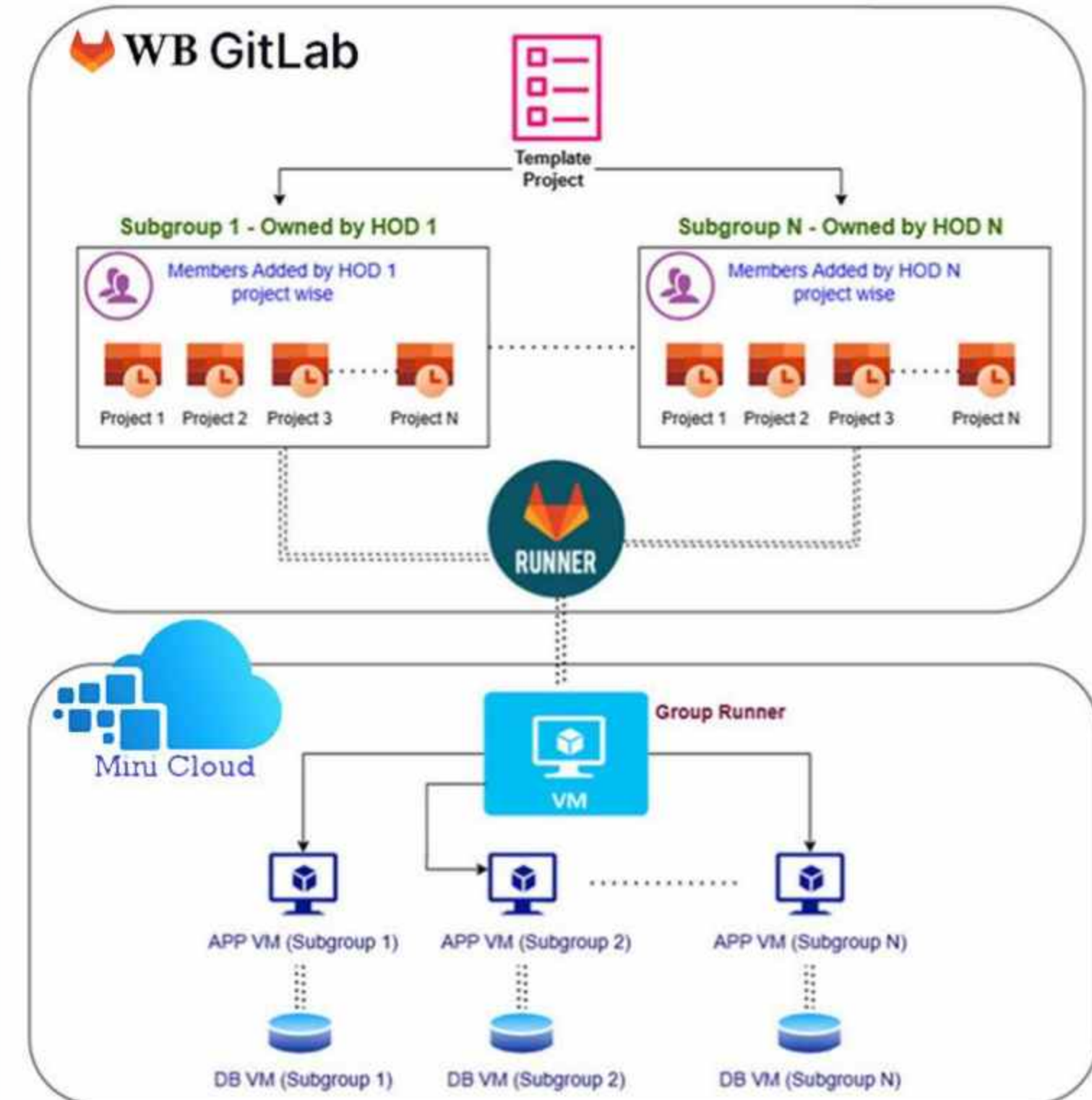
TECHNICAL STACK

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

STATISTICS

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

Architecture



Project Name: Inference Server - AI Inferencing

Highlights

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



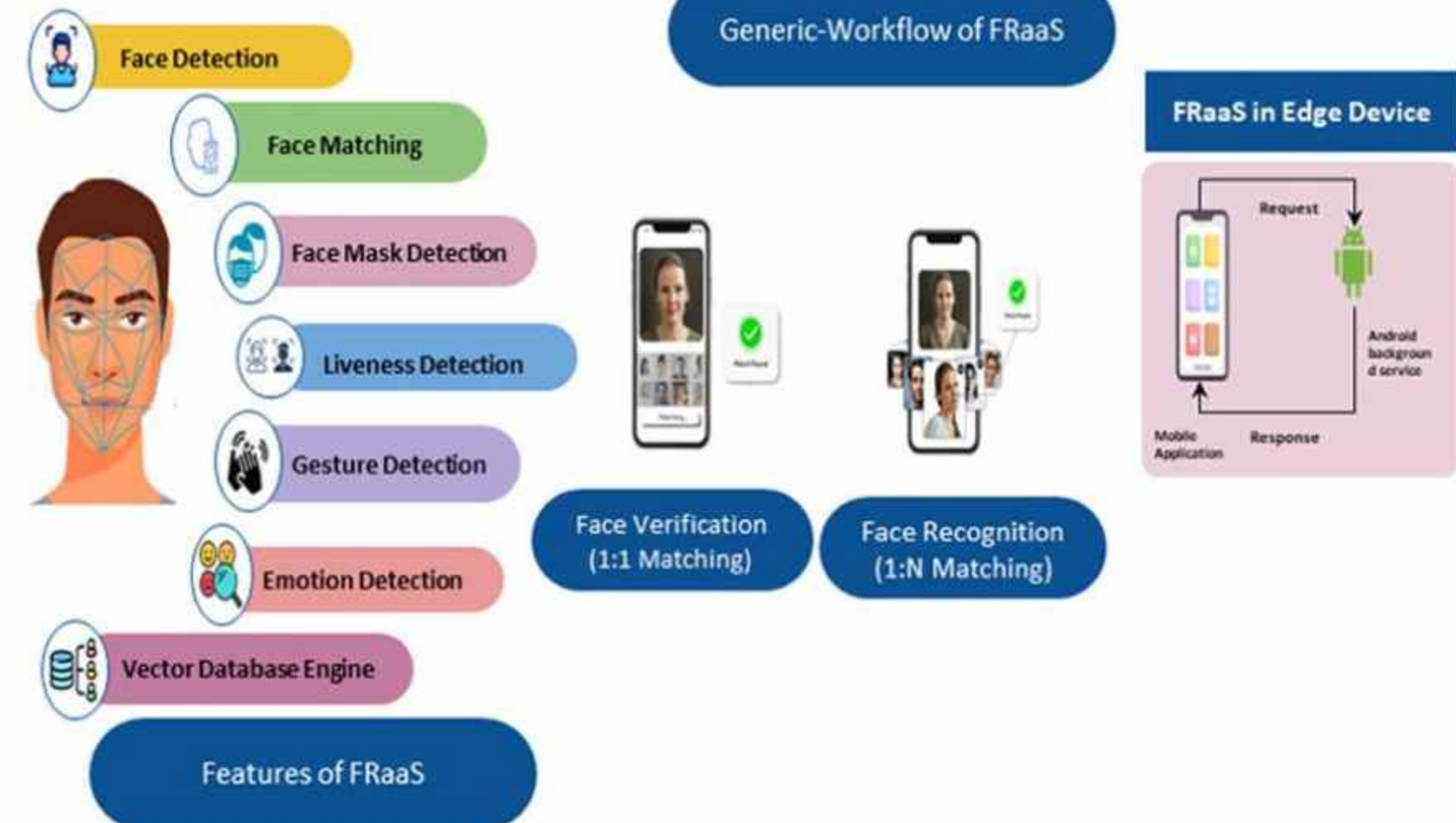
TECHNICAL STACK

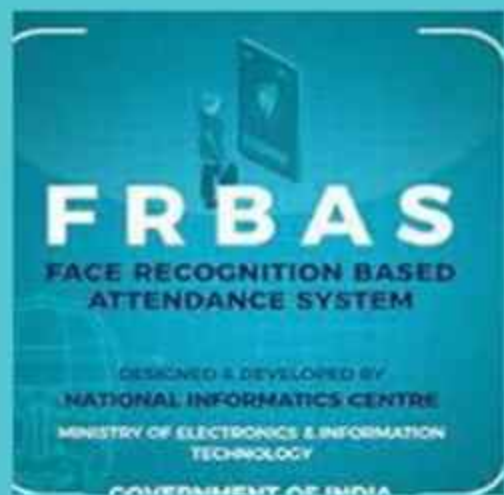
AI Inference: 2 × Tyrone Camarero SDI200C2G-424 (NVIDIA L4)
Login: 2 × Tyrone Camarero SDI200A3N-212
Orchestration: Kubernetes
OS: Ubuntu 24.04.3 LTS

STATISTICS

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

Project of CoE AI Lab, Kolkata Face Recognition as a Service



G2G
G2CFRBAS - PBSSD FRBAS (offline) -
Agristack

Technology Stack : Java, Android, PHP, Postgres, Python, Tensorflow, ONNX, Opencv, Torch

Facial Recognition Based Attendance System (FRBAS)

- FRBAS captures trainee and trainers' attendance through an AI-enabled mobile application. It is available in both online & offline mode.
- Currently operational in Utkarsh Bangla Programme of GoWB (**10.32 Cr API hits recorded till date**).
- Offline mode has been developed for Agristack project of Ministry of Agriculture in coordination with NIC Karnataka.

3,58,649 Trainers and
Trainees Registered16.34 crore API hit Generated
for capturing Attendance since
inception3500 approx. Skill
Development Training
Centre On-boarded56.91 lakh API hit Generated
for marking Attendance in
May, 2026

FRBAS - PBSSD

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

FRBAS – Employee Attendance

FRBAS - Anganwadi
(Proposed)FRBAS - Punjab
(Proposed)



FRBAS - UtkarshBangla (Technical Education Department)

G2G
G2C

FRBAS-PBSSD



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

Group Attendance

3,58,649 Trainers and
Trainees Registered16.34 crore API hit Generated
for capturing Attendance since
inception3500 approx. Skill
Development Training
Centre On-boarded56.91 lakh API hit Generated
for marking Attendance in
May, 2026

AI Abhigyan - AADHAAR

(Specialised Service for Information Extraction from Aadhaar Card)

G2G

Technology Stack : Python, Ultraetix, Paddle OCR 8, ONNX

1

Corrects Rotated/Skewed
Aadhaar Images

2

Validate the alignment of
Aadhaar card

3

Identifies front and back side of the
AadhaarDocumentType:
Aadhaar
Message: Upload
the front side of the
AadhaarDocumentType:
Aadhaar
Name: XXXXXX
DOB: XX-XX-XXXX
Gender: Female
Number: XXXXXXXXXX

4



Information extraction

DocumentType:
Aadhaar
Name: XXXXXX
DOB: XX-XX-XXXX
Gender: Female
Number: XXXXXXXXXX1.37 Crore API hits
recorded Since inception4,688 API hits
recorded in May, 2026



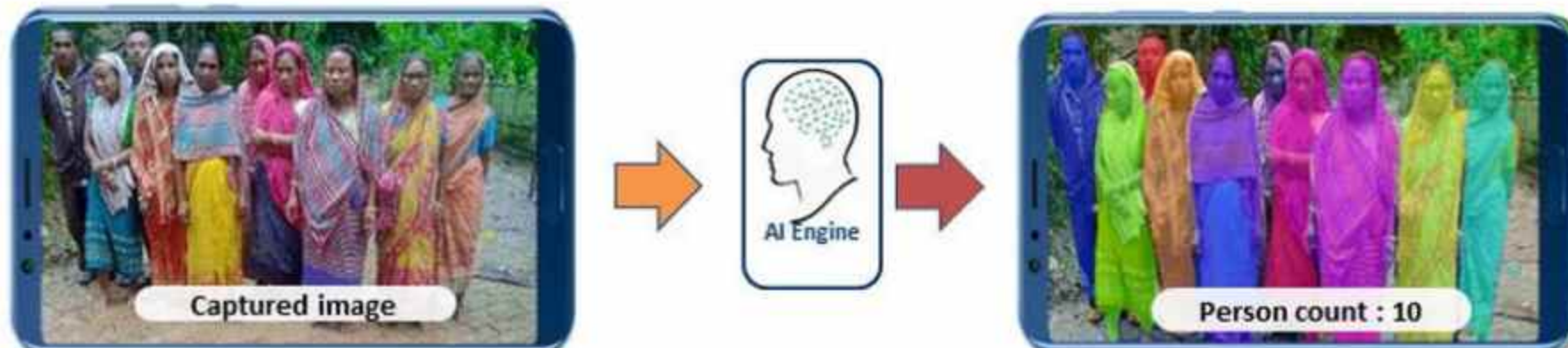
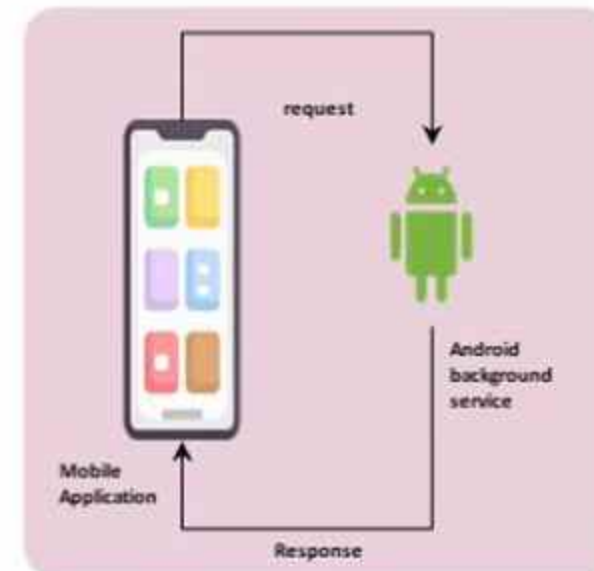
AI Shirshankh (AI-enabled Person Count Services of NIC)

G2G
G2C

Technology Stack : Java, Android, PHP, Postgres, Python, Tensorflow, ONNX, Opencv, Torch

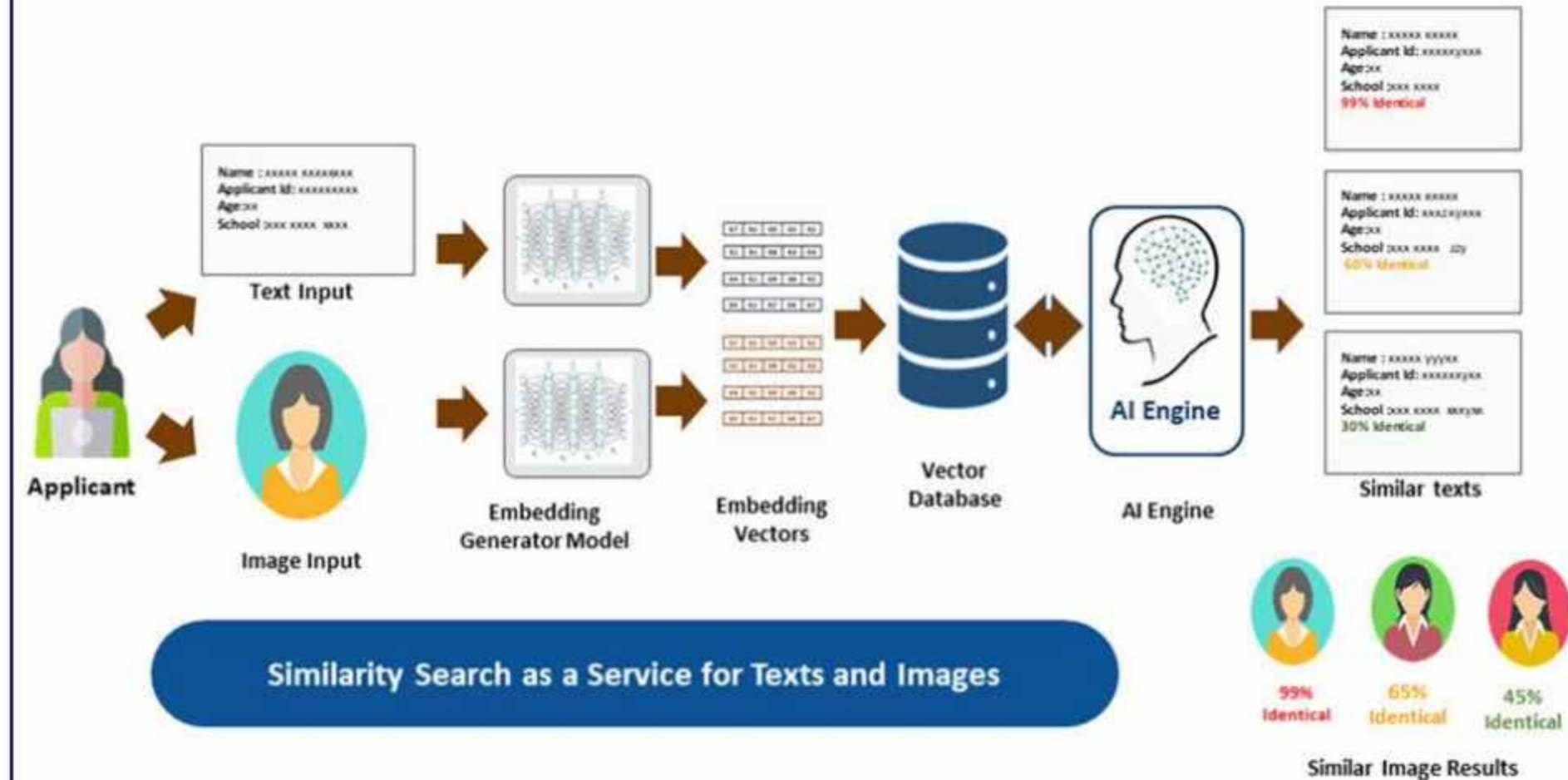
HIGHLIGHTS

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



AI-enabled Beneficiary De-duplication Service

G2G



Similarity Search as a Service for Texts and Images

Statistics since inception

AI Transaction in Kanyashree – 3.27 Crore
AI Transaction in Rupashree – 59 Lakhs

Statistics May, 2026

AI Transaction in Kanyashree – 7



Technology Stack : Alma Linux 8.6(64 bit)/RHEL 9.5, PHP 8.0, Apache 2.4.53,PyTorch Container 22.03, Python 3.10, Docker 26.1.3, Android Oreo (Android 8.0) or higher, Android Studio

AI-enabled Services for NextGen Kanyashree Online 9.0

PRISM ID: 4652

URL : <https://wbkanyashree.gov.in>
<https://admin-kanyashree.wb.gov.in>

- NextGen Kanyashree Online 9.0 has been integrated with various AI/ML API services for following processes :
 - Image based de-duplication (3.27 Crores API hits recorded till date)
 - Text based de-duplication
 - AI Abhigyan integration
 - AI Sanlaap (integrated issue resolution system)
 - Automatic Reading of Bank Passbooks

Statistics: May, 2026

Enrolled Applications – 54
Sanctioned Applications – 62
Unique Beneficiaries – 6

Statistics: Since Inception (Oct 2013)

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



Technology Stack : Alma Linux 8.6(64 bit)/RHEL 9.5, PHP 8.0, Apache 2.4.53,PyTorch Container 22.03, Python 3.10, Docker 26.1.3, Android Oreo (Android 8.0) or higher,Android Studio

AI-enabled Services for NextGen Rupashree Online 3.0

PRISM ID: 4652

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

- NextGen Rupashree Online 3.0 has been integrated with following AI/ML based API services:
 - Image based de-duplication (59 lakh API hits recorded till date)
 - Text based de-duplication
 - AI Abhigyan integration
 - Automatic Reading of Bank Passbooks

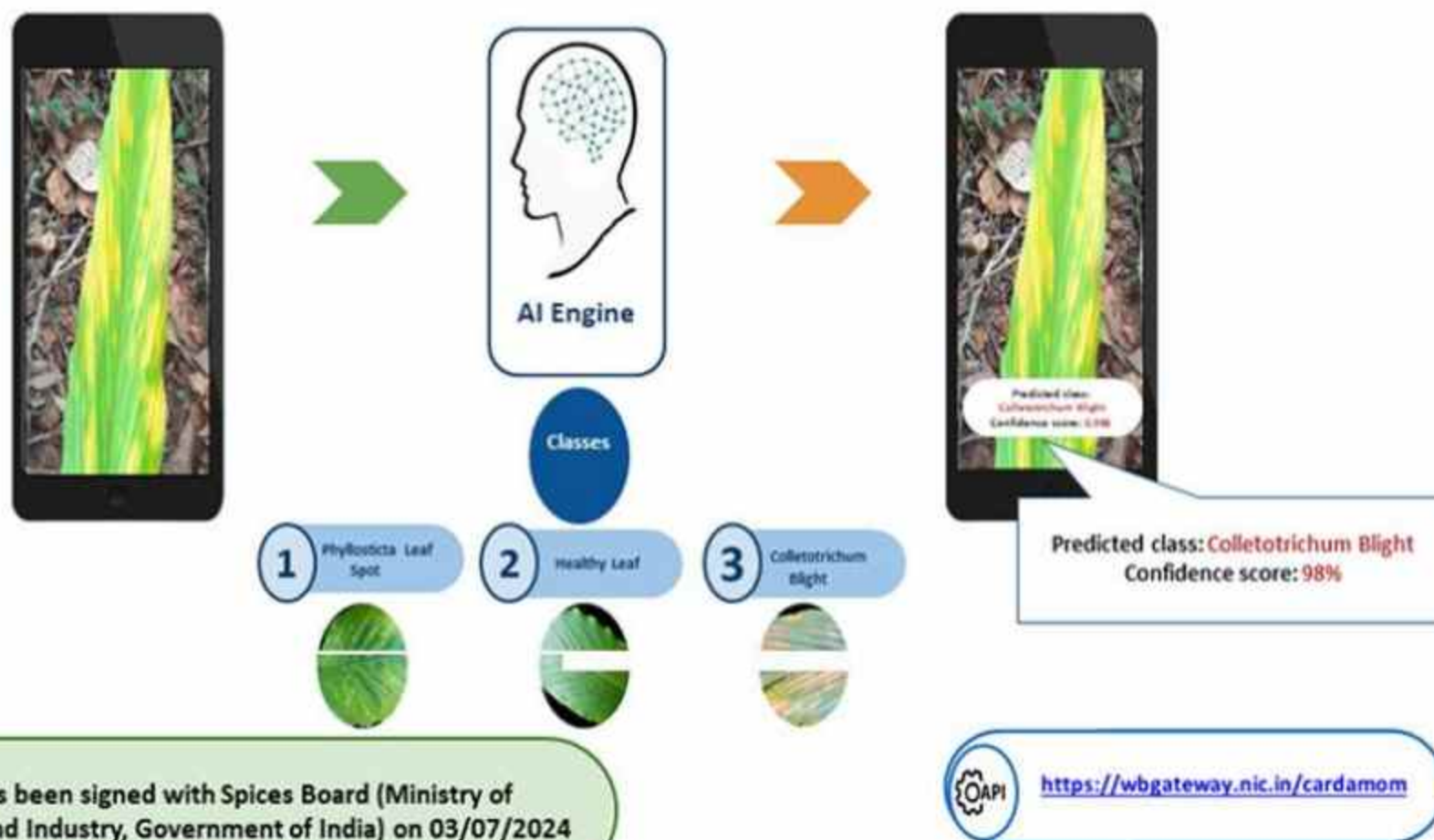
Statistics since inception

Covered District – 24
Covered Block/Municipality – 479
Total Beneficiary – 22,27,517
Beneficiary – 6,098 (May, 2026)

AI-enabled Cardamom Leaf Disease Classification

G2G
G2C

Technology Stack : Python, Ultraetix, YoloV8



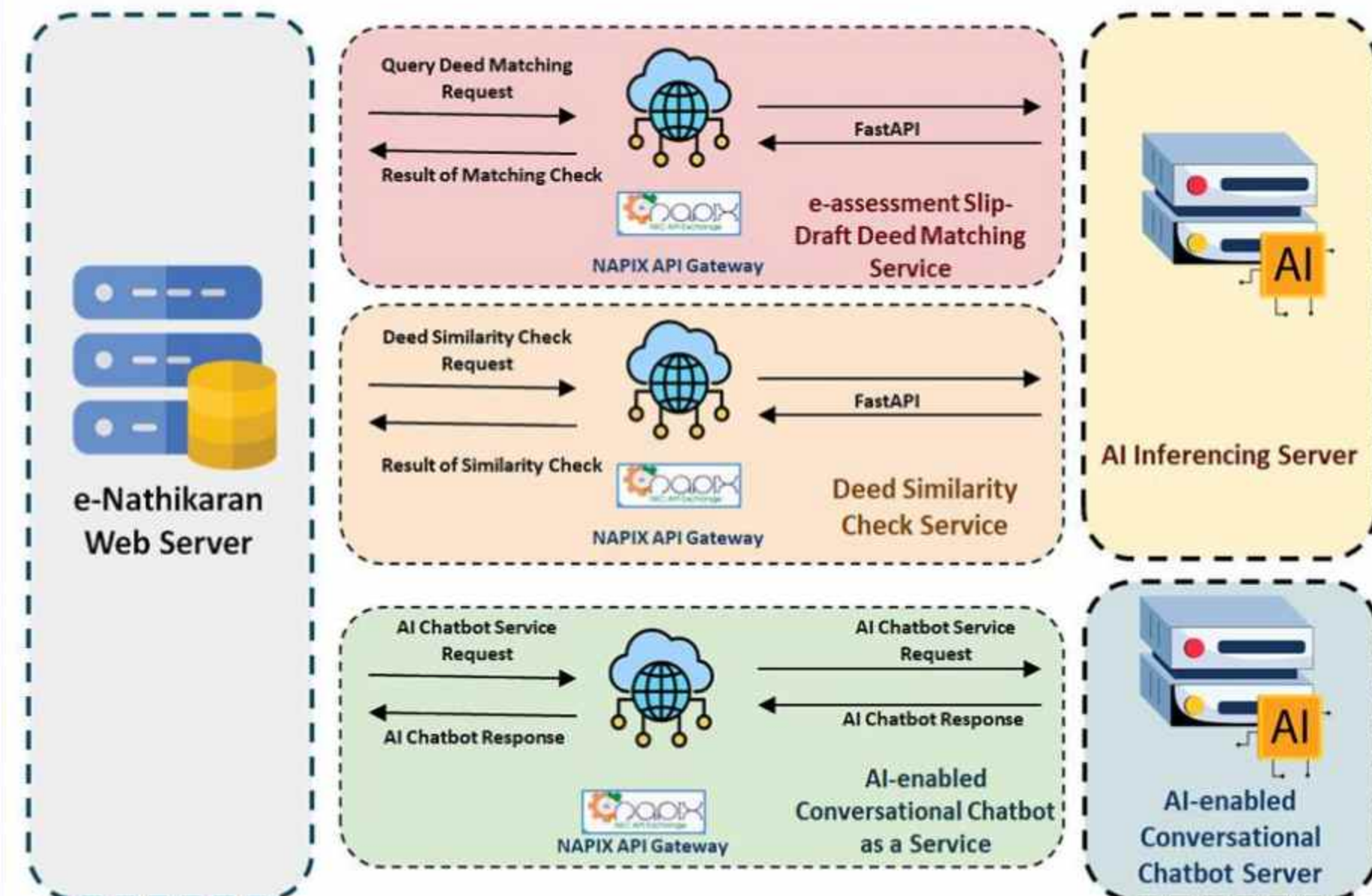
MoU has been signed with Spices Board (Ministry of Commerce and Industry, Government of India) on 03/07/2024

- An AI enabled System to detect and identify large cardamom leaf disease.
- An MoU has been signed between Spices Board of India, Indian Cardamom Research Institute (ICRI) and NIC West Bengal on 04/07/2024 for the identification and classification of large cardamom leaf diseases.

AI Services for e-Nathikaran

G2G
G2C

PRISM ID : 3792





AI Sanlaap

(Conversational AI-based Multimodal Multilingual Chatbot Framework of NIC)

G2G
G2C

Technology Stack : Python, Milvus Vector DB

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

- An AI-enabled multilingual, multimodal conversational chat & voice bot with hybrid RAG and rule-based intelligence, designed to support citizens and departmental stakeholders.
- Customizable, configurable, and integrable with APIs, Knowledgebase (KB), workflows, and analytics. Developed with secure DevOps CI/CD pipeline.
- Implemented across major GoWB platforms, including Rupashree Portal (WCD), Ease of Doing Business Portal (MSME), Social Registry (Finance Dept.), and Integrated Issue Resolution System.

AI Anurup

(AI based Beneficiary Name Matching of NIC)

G2G

Technology Stack : Python, Levenhstein Distance & Cosine Similarity

Traditional Approaches

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

No understanding of context or minor errors

Word Embedding

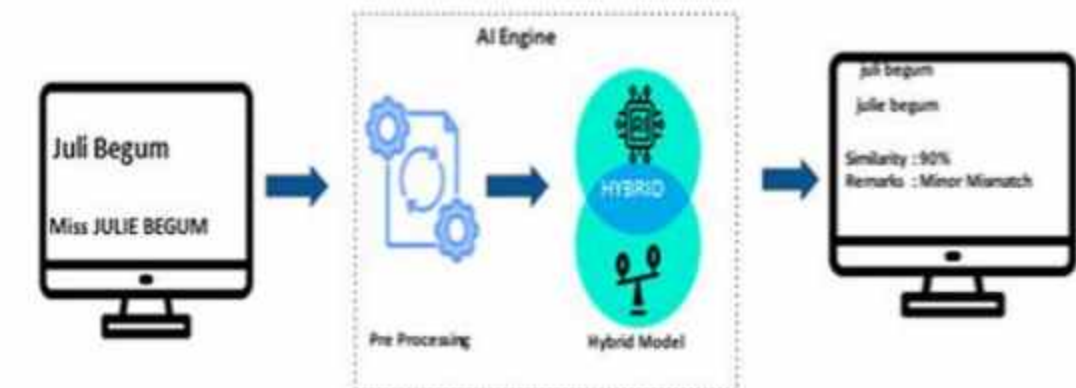
Numeric representation of names

Captures basic context

Transformer-Based Methods (LLMs)

Understands semantics, transliterations, and variants.

Robust to surface-level differences



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



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

Proposed to

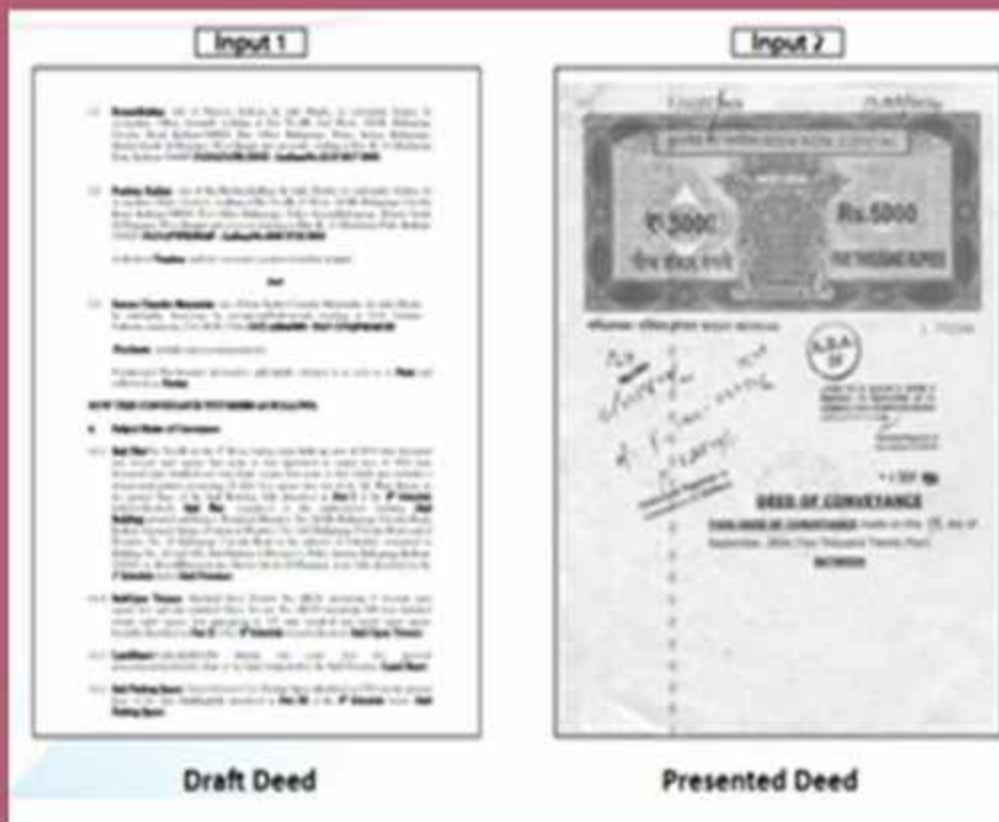
KP

RP

- An AI based name matching service to compare pair of names.
- The service has been developed by CoE AI Lab for comparing beneficiary names as stored in scheme portal and the name associated with the beneficiary bank account.
- AI Anurup has been implemented for name matching in Kanyashree, Rupashree, Lakshmir Bhandar, Jai Bangla Schemes of Department of WCD and SW, GoWB.

AI enabled Services for Property Registration

G2G



Technology Stack : Python, Langchan, Ollama, Faiss, Tesseract OCR

- Following AI-based Proof of Concepts and Services have been developed and implemented by CoE AI Lab for Directorate of Registration and Stamp Revenue (DoRSR) :
- AI-enabled eVerification system of Deeds
- AI-Enabled Deed Similarity Check
- AI Nibhrit (implemented)
- Conversational AI-based multilingual Chat & Voicebot

AI based Crop Image Anti-spoofing System

G2G
G2C



Technology Stack : Python, Kotlin , Huggingface transformer, Fast API

- Enables automatic detection of spoof image of a crop field in offline mode.
- The service has been developed to run as a background service in offline mode.
- It has been developed for Agristack project of Ministry of Agriculture in coordination with NIC Karnataka.



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

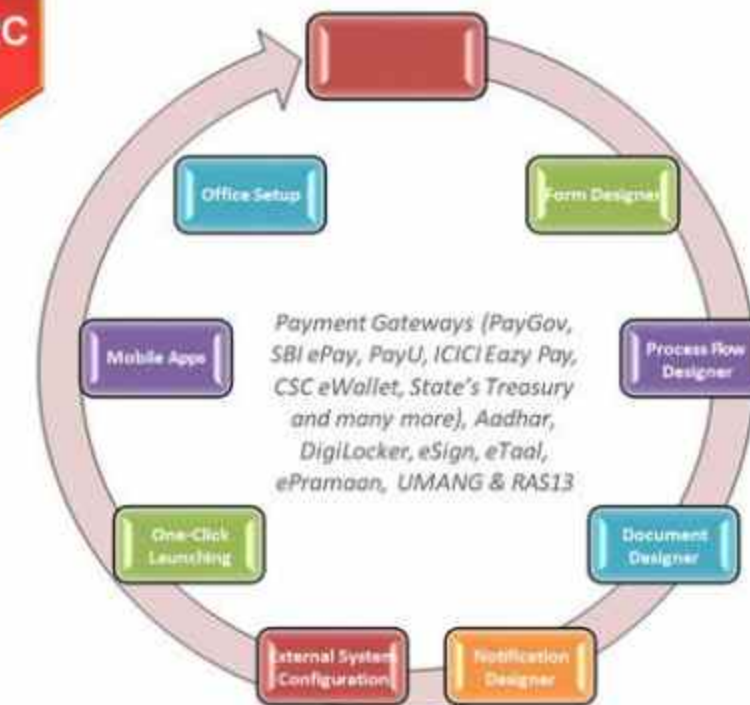
G2C

HIGHLIGHT

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

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

- **Regulatory Approval Services** : The services like Issuance of Electricity Permission, festival permission, idol immersion are given to the citizens.
- **E-Governance Services** : Around 40 no of e-governances including DBT are being delivered for various schemes of Tea Board of India.
- **Issuance of Certificates Services** : Various certificates like income certificate, Residential Certificate, legal heir certificates etc being generated for Govt of West Bengal.



Features

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

Central Government Journey for March 2026

DBT Amount Delivered(in Lakh)	13191
No of Application Approved	11388
No of Application Received	28999
No of Services	40

State Government Journey for March 2026

No of Application Approved	1,880,776
No of Application Received	2,435,247
No of Services	22

Technology Stack : Java, PostgreSQL, Java Script



Technology Stack : Code Igniter 3, PHP 7.4, Apache2.4, PostgreSQL 13

Comprehensive Portal for Department of Women & Child Development and Social Welfare

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

- Fully customized content management system
- The user interface and navigation is easy to understand, simple and mobile friendly.
- Responsive Web Design

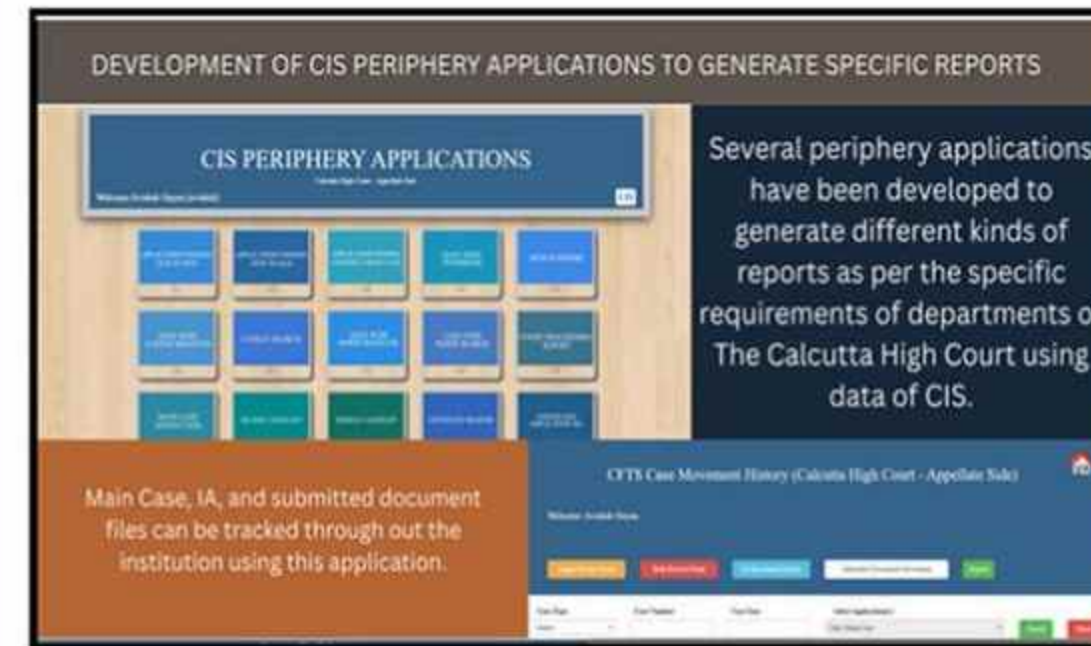
IT initiatives at Calcutta High Court



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



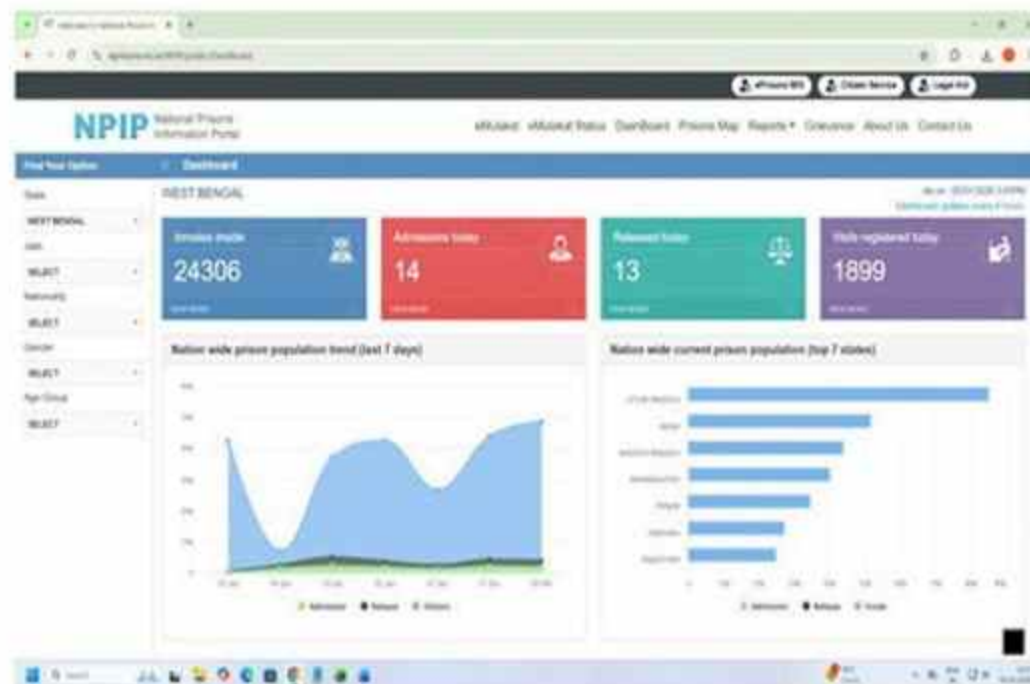
Display board of Calcutta High Court
(<https://display.calcuttahighcourt.gov.in>)



Periphery applications based upon CIS
at Calcutta High Court



e-Prison

G2G
G2C


<https://eprisons.nic.in/>

May, 2026 Statistics of e-Prison

- 1) Total number of Prisoners registrations : 18,361
- 2) Number of convicted : 839
- 3) Under Trial : 16,771
- 4) Casual Prisoner : 1
- 5) Released Prisoners : 91
- 6) Opposite Party under prisoner management system: 659
- 7) Visitors Registration done under : 41,176
Visitor Management System

Under the Department of Inter-Operable Criminal Justice System (ICJS), this portal is designed to enhance efficiency in the management of prisons. It provides centralized repository of information related to prison administration, Inmate Welfare, inmate search, prison statistics, e-Prison service which allow visitors to register themselves and book an appointment to see an inmate and many more. By leveraging technology the Prison Portal aims to promote accountability, improve inmate care and support effective rehabilitation in the Indian Prison System.

eProsecution

G2G
G2C


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

May, 2026 Statistics of e-Prosecution

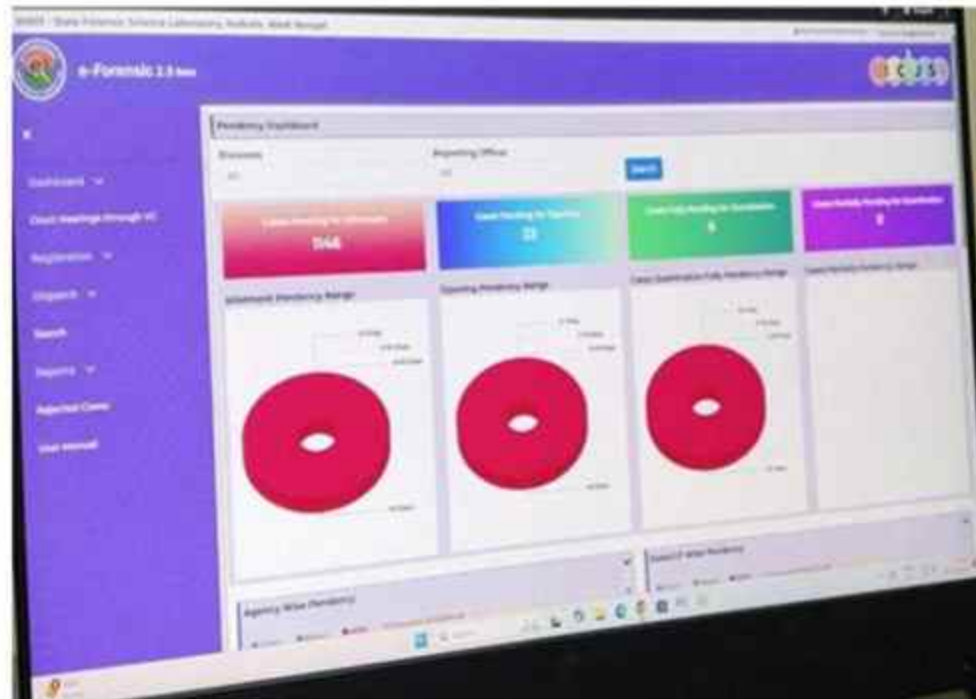
- 1) Number of Legal opinion issued : 2,413
- 2) Number of of Draft Charge Sheet : 1,225
- 3) Number of Case Registration : 113
- 4) Number of case Disposal : 4
- 5) Number of DUTR Entry : 191

Under the Department of Inter-Operable Criminal Justice System (ICJS), e-Prosecution application is a platform which provides electronic communication between Police department and Prosecution department. Platform enables police dept. users to request to prosecution dept. users for legal opinion on various types of cases and scrutiny against the draft charge sheet.

The main objective of the application is to create a platform which makes the communication speedy and transparent between the Prosecutors and Police Officers. Since, the project has been developed under ICJS system it is integrated with CCTNS (FIR Data) and e-Courts systems (CNR Data).

e-FSL

G2G



<https://eforensics.gov.in/fslall/>

May, 2026 Statistics of e-FSL

1 case has been registered in the portal.

Under the Department of Inter-Operable Criminal Justice System (ICJS), the objective of this portal is to automate the complete work flow of forensics Labs from Registration to Dispatch of Reports.

Data and report sharing with other pillars like police and courts.

Provides statistical and status information about the registration, report readiness and dispatch of reports.

PROJECT NAME

NICNET
(Internet & Intranet Backbone
for Government Machinery)

PRISM ID

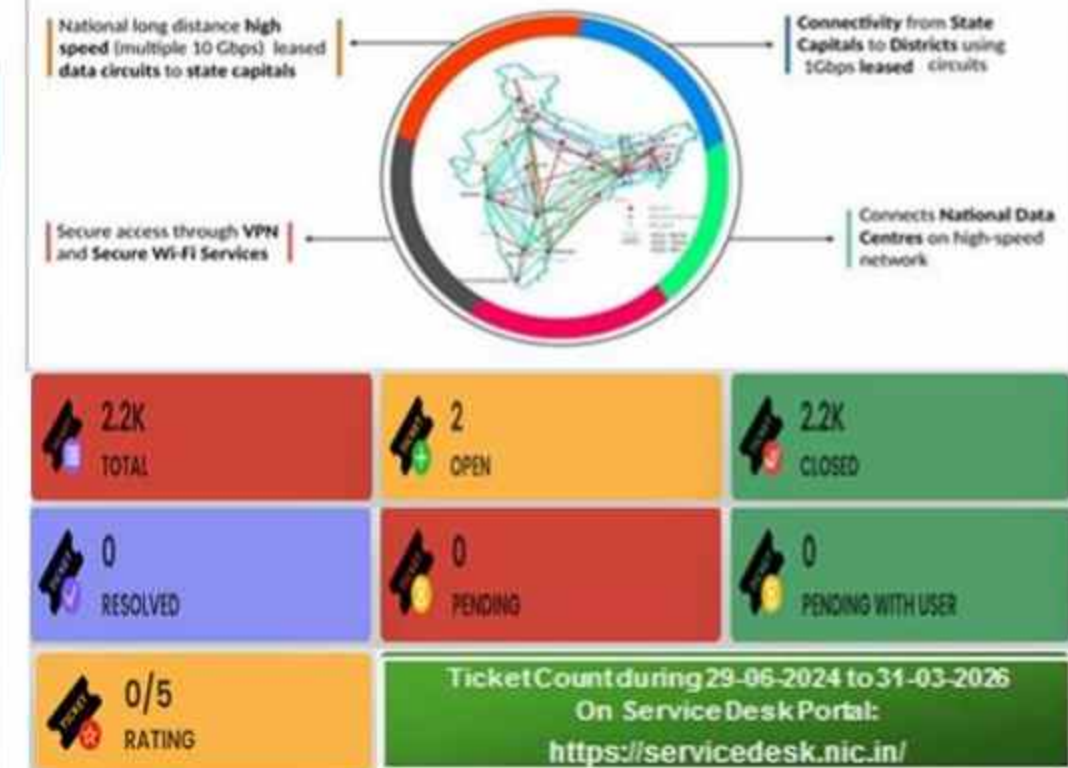
PROJECT URL

G2G

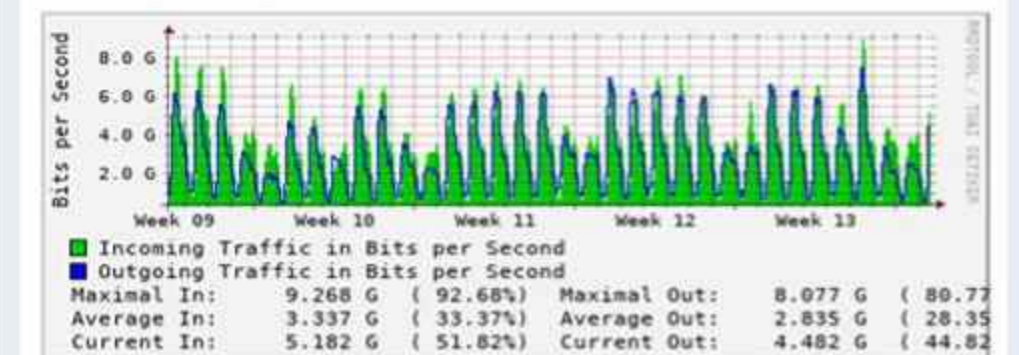
<https://www.nic.in/service/nicnet>

HIGHLIGHTS

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



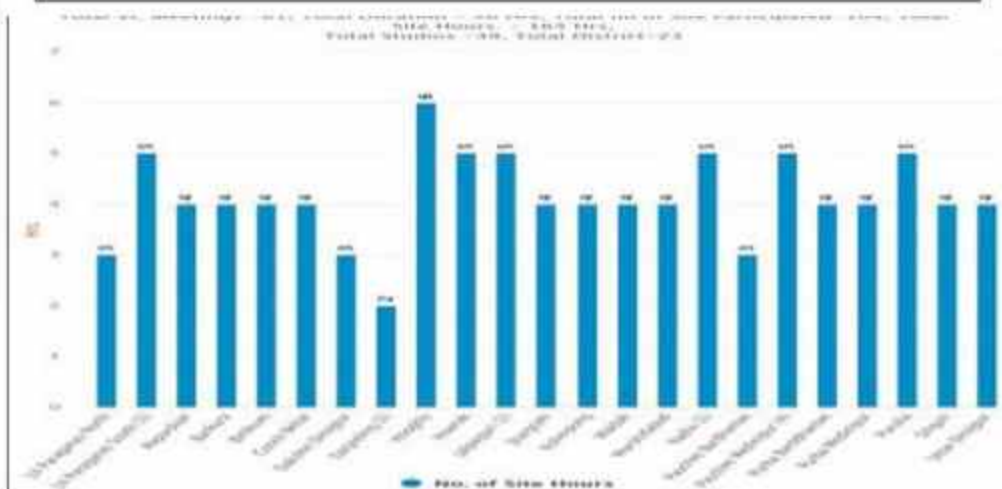
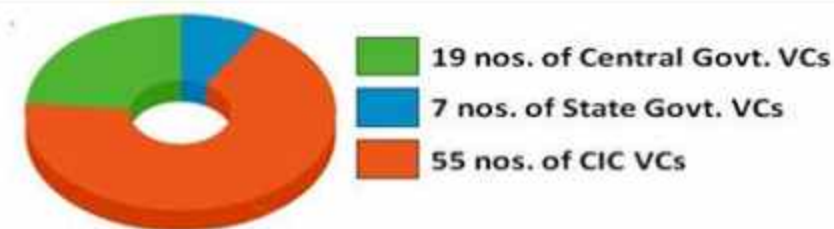
'Monthly' graph (2 Hour Average)



PROJECT NAME	PRISM ID	PROJECT URL
Video Conferencing Services (PRAGATI)		URL: https://reserve.nic.in



	No of VC meetings	Studio hours	Site Participated
VC meetings of State Govt.	7	114	77
VC meetings of Central Govt.	19	32	20
VC meetings of CIC	55	18	71
Total	81	165	168



HIGHLIGHTS

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

In May 2026, total 81 No. of VCs has been conducted where 168 sites participated with 165 studio hours

Out of 81 VCs, we have conducted 90 VCs on Bharat VC platform where 600 participants joined through link.

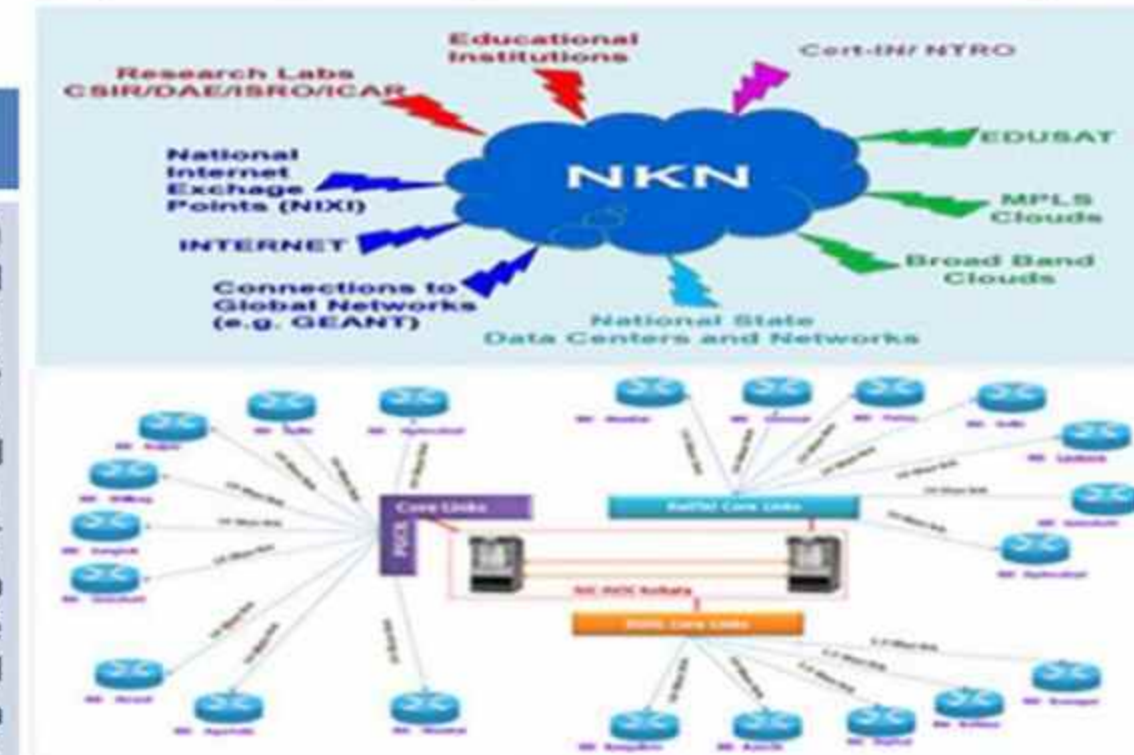
PRAGATI 01 VC, Cabinet Secretary 03 VCs, Govt. of India 55 VCs, Chief Secretary 01 VCs has been conducted successfully.

HIGHLIGHTS

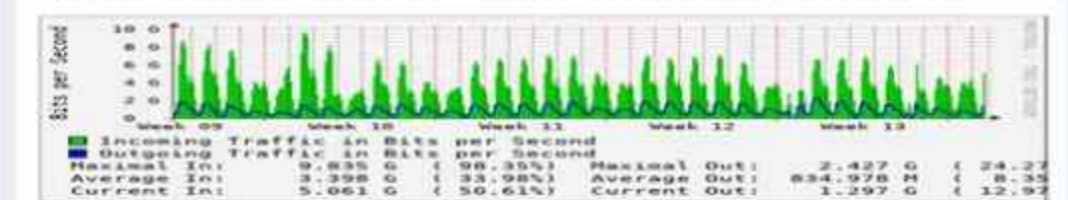
The National Knowledge Network (NKN) project is designed to create a secure and reliable high-speed network across India, connecting universities, research institutions, and healthcare and agricultural institutions. In West Bengal, NKN has been operational since 2010, linking 91 premier educational and 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.

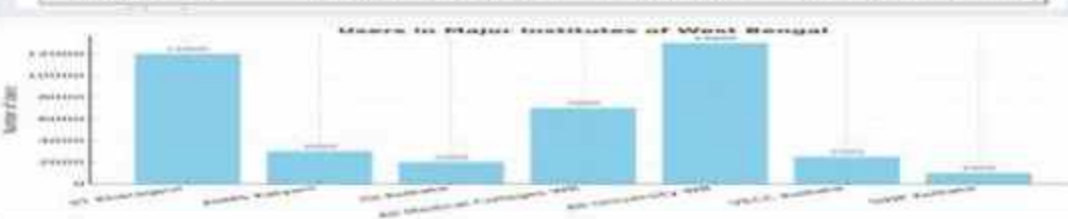
PROJECT NAME	PRISM ID	PROJECT URL
National Knowledge Network (NKN)		URL: https://nkn.gov.in



'Monthly' graph (2 Hour Average)



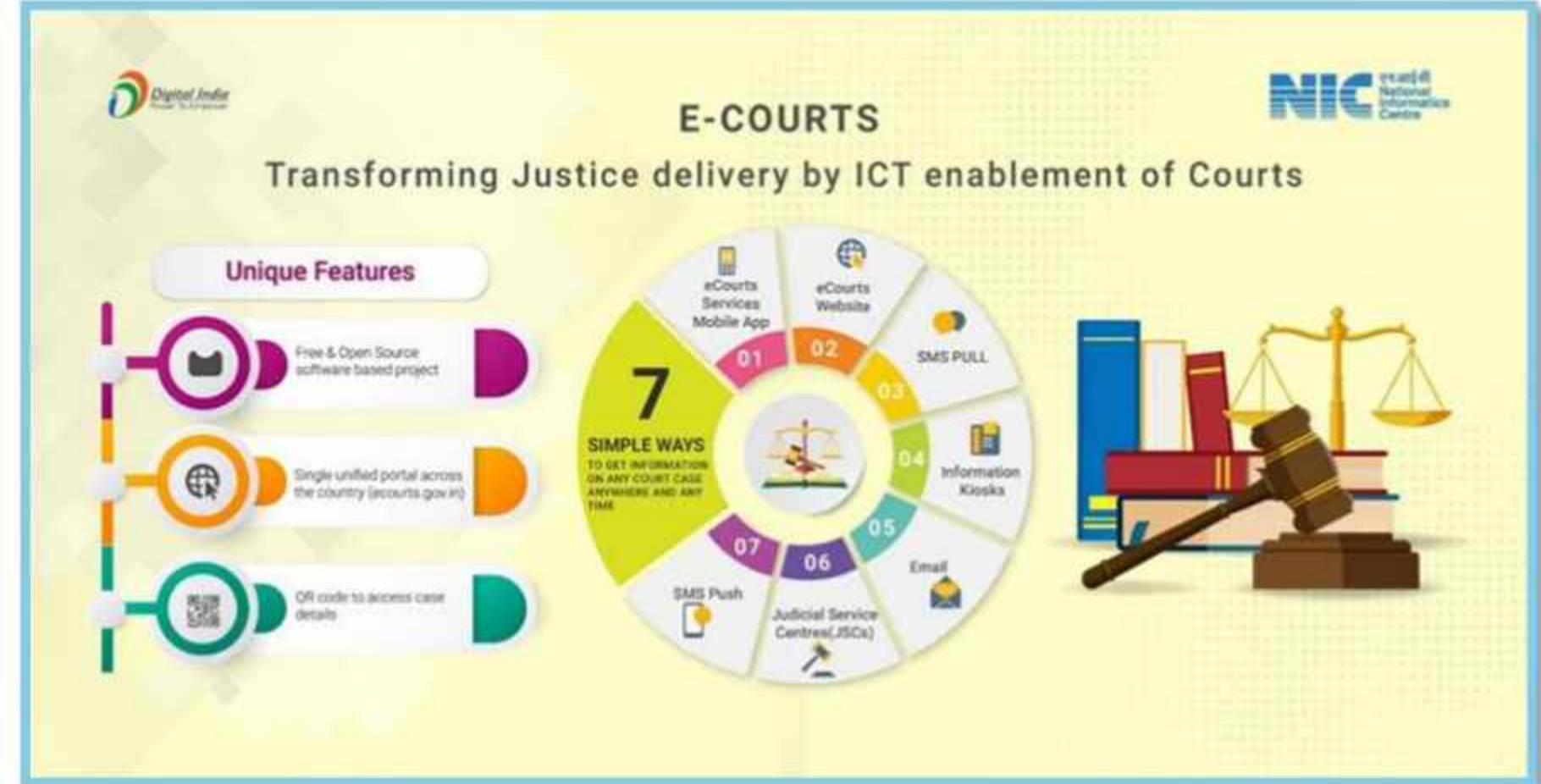
'Yearly' graph (1 Day Average)



e-COURTS

Objective

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



District Courts at a glance



Court Complexes:
92



Cases in DB (pending & disposed):
10548443



Court Establishments:
277



Orders: **15534311**

• Till 08th June, 2026 afternoon

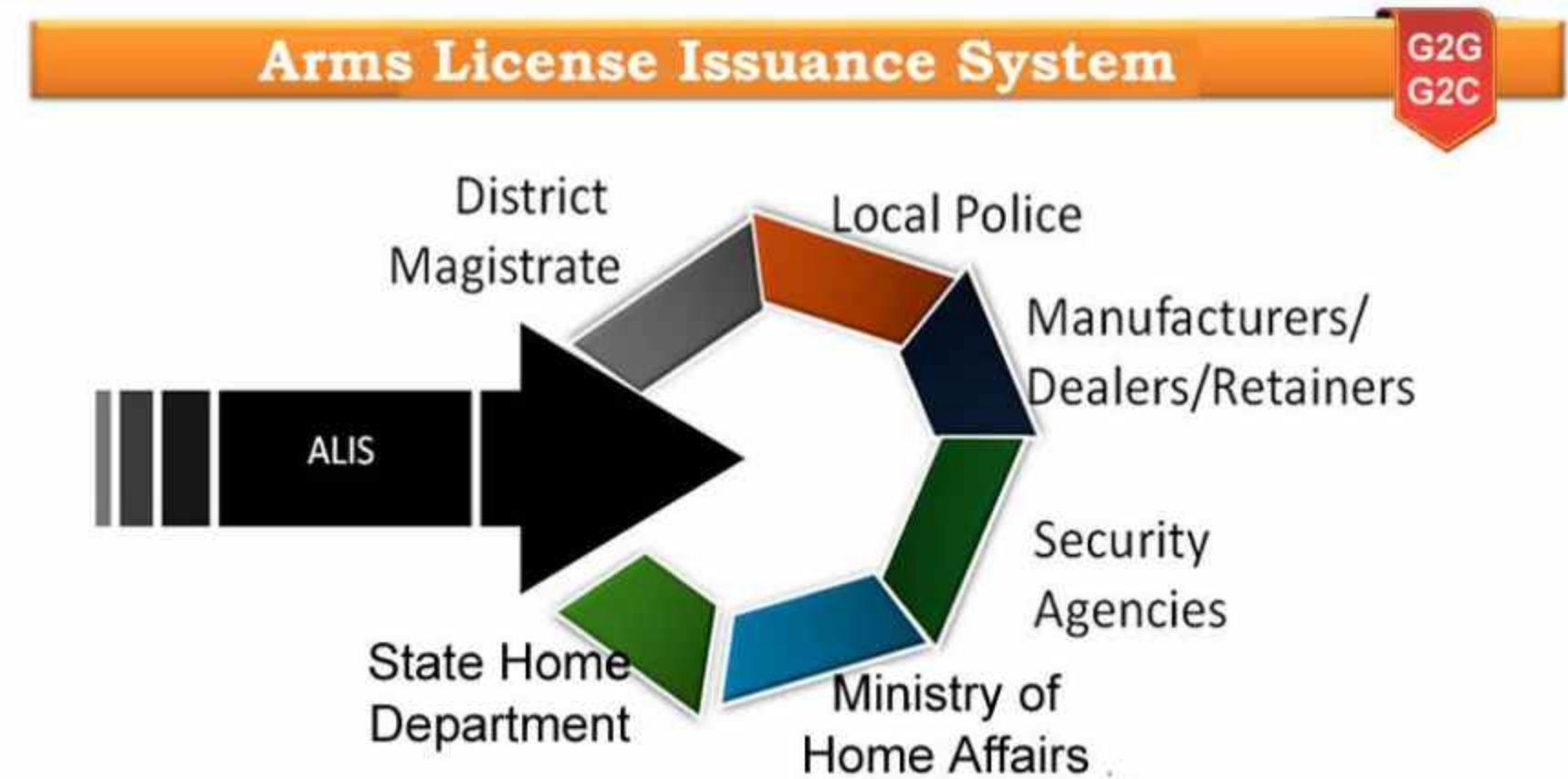
High Court at Calcutta

Bench	Institution (in May 2026)	Disposal (in May, 2026)
Principal Bench, Original Side	351	892
Principal Bench, Appellate Side	2406	2945
Circuit Bench at Jalpaiguri	352	156
Circuit Bench at Port Blair	13	5

E-filing count (as on 31st May, 2026): 225 Main Cases & 579 Applications
(Hon'ble High Court at Calcutta)



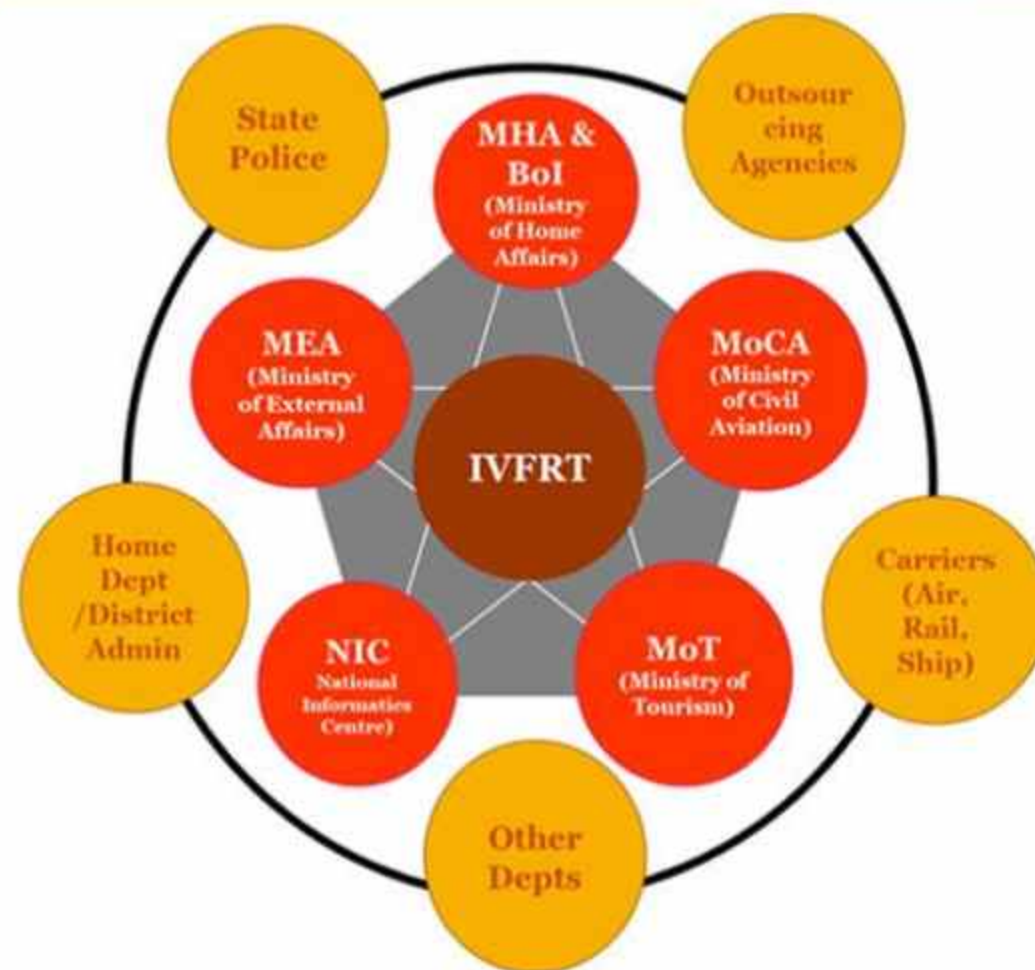
- The Constitution of India provides for single citizenship for the entire country.
- The Citizenship Act, 1955 provides acquisition, renunciation, termination, deprivation and determination of Indian citizenship.
- Acquisition of Indian Citizenship under The Indian Citizenship Act, 1955 can be done by:
 - ✓ Citizenship By Birth
 - ✓ Citizenship By Descent
 - ✓ Citizenship by Naturalization
 - ✓ Citizenship by Registration



ALIS			
TOTAL APPLICATION	60380	TOTAL PROCESSED APPLICATIONS	58932
NEW ARMS LICENSE			
TOTAL APPLICATION	5899	TOTAL PROCESSED APPLICATIONS	5242
RENEWAL OF ARMS LICENSE			
TOTAL APPLICATION	30323	TOTAL PROCESSED APPLICATIONS	29835
CANCELLATION/SUSPENSION/REVOCAION OF ARM'S LICENSE			
TOTAL APPLICATION	2930	TOTAL PROCESSED APPLICATIONS	2900

IVFRT

Immigration,
VISA,
Foreigner's
Registration
and Tracking



STAKEHOLDERS



COMPONENTS

“Implementation of secure & integrated service delivery framework that facilitates legitimate traveler while strengthening security”



- Centralized uniform platform across all Indian Missions for Visa application by Foreigners.
- Strengthen the immigration service across all the Immigration Check Posts (ICPs) with real-time access of traveler's data.
- Uniform platform for providing Immigration services to foreigners staying in the country. (Visa extension/conversion/exit etc..)
- Traveller's profiling and Data analysis.

West Bengal ICP Statistics At A Glance

West Bengal has highest number of ICPs in India	16	Haridaspur – the biggest Land ICP of India has highest no of daily PAX	7000+	All types of ICPs are present in West Bengal (Air, Land, Rail and Sea)	4	E Gates facility operational for arrival and departure	8
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Port Operation Management System (Kolkata Dock System, Shyama Prasad Mookerjee Port)

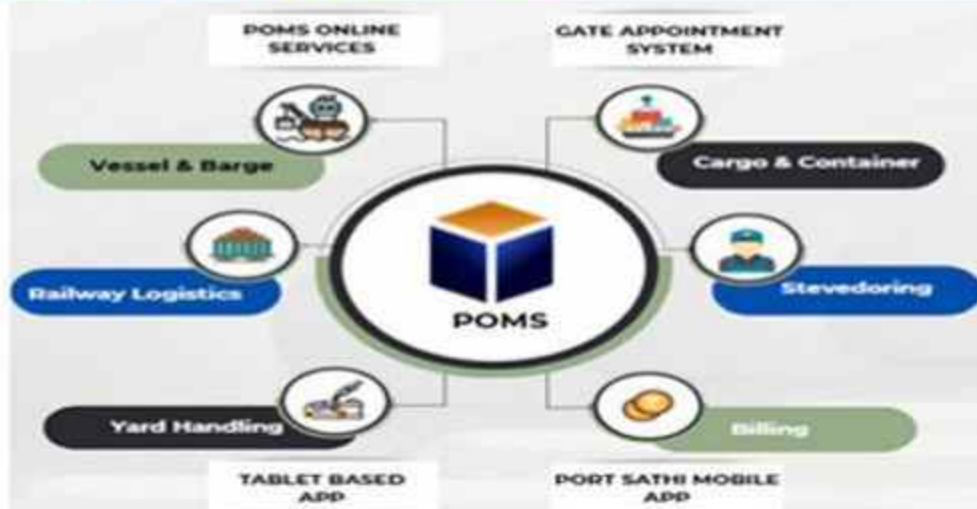
Highlights:

(Prism Id:20880)

<https://kdseodb.smporkolkata.in>

Port Operations Management System (POMS) was developed in 2007 and implemented in 2010 for Syama Prasad Mookerjee Port, Kolkata (Kolkata Dock System). It has continuously supported port operations, including during COVID-19. With evolving technologies and business needs, it is planned for a NextGen upgrade aligned with Government of India's ONOP initiatives to enhance efficiency, transparency, service delivery, and support future port growth.

Key Functionalities:



Recent Activities:

- System Migration & Data Reporting:** Completed migration reports (TCN→GPN, TCG→GPG, TCO→GPO) and compiled NTRS Customs data; prepared monthly MHC and Non-MHC reports.
- Container & Cargo Tracking (Middle East):** Shared details of Middle East containers currently in port and those that have exited.
- Billing, Levy & Financial Enhancements:** Deployed barge blocking in production; enabled container scanning and levy charges, including CUIDL, in the billing system.
- System & Script Enhancements:** Prepared master sequence script for 1 April 2026; POMS Online revamp underway.
- Policy & Compliance Initiatives:** CRC and No Demand Certificate studies in progress; proposed short-term tonnage area application in the Plot Module.
- GIS & Plot Online Digitization:** Completed GIS implementation for Plot Online using yard KML files; shed mapping in progress.
- Integration & ONOP Initiative:** APSEZ-SMPK API: 4 inbound & 8 outbound messages deployed. CPL-POMS integration: 7 inbound & 6 outbound messages live on. One Nation One Port (ONOP) initiative ready for TAB deployment

Integrations

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

Key Features:

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

Technology Stack:



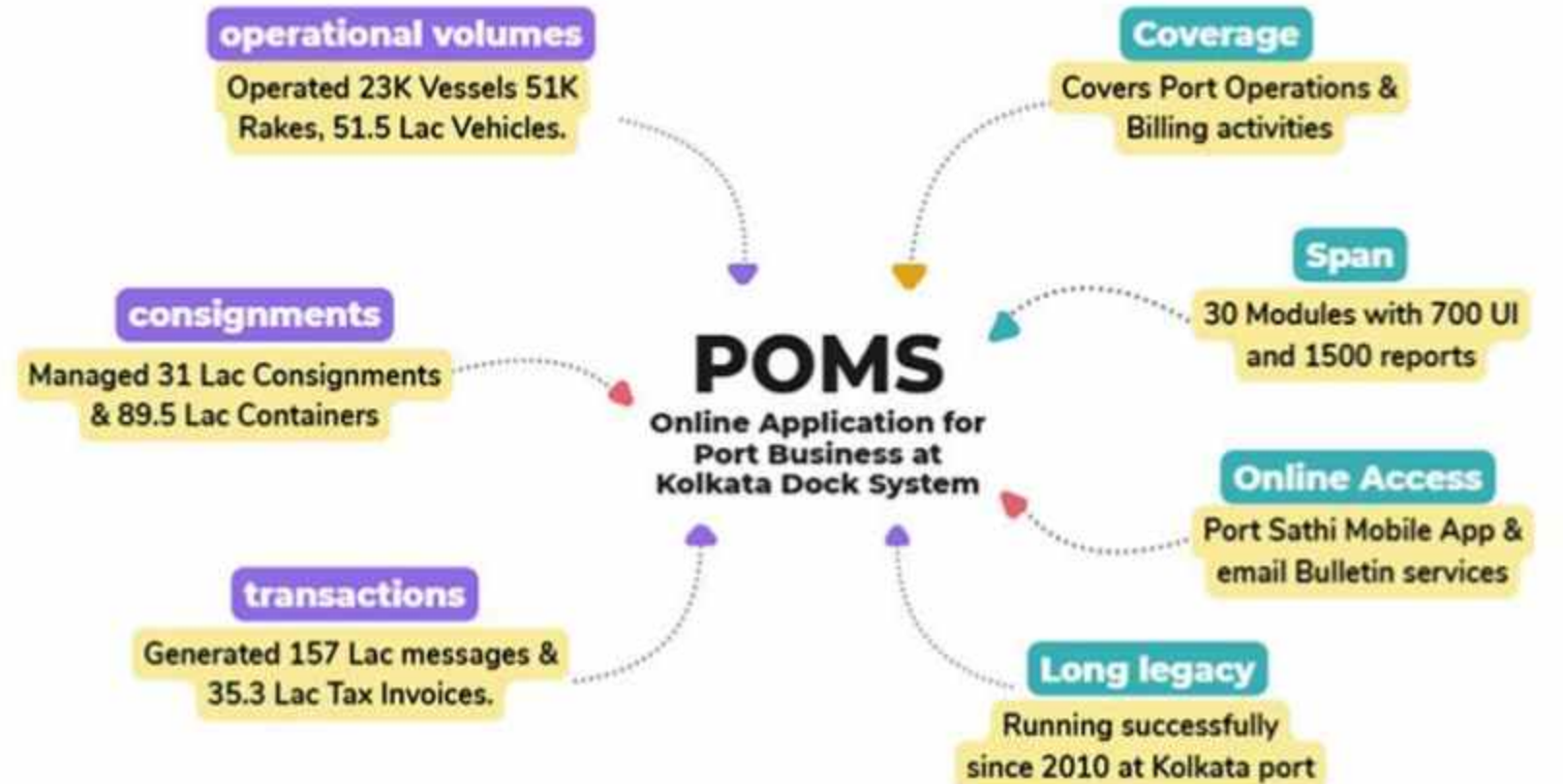
Usage Statistics:

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

National Port Project developed in West Bengal



Port Operations Management System


<https://kdseodb.smporkolkata.in>

Statistics as on: March 2026



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

Highlights:

(Prism Id:20883)

<https://kdseodb.smporkolkata.in>

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

Key Features:



Integrations:



Technology Stack:



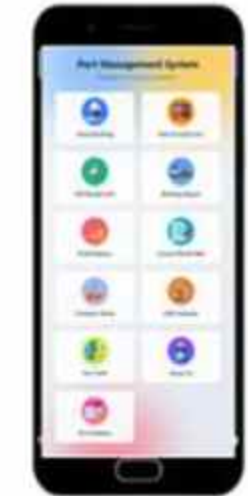
Usage Statistics:

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

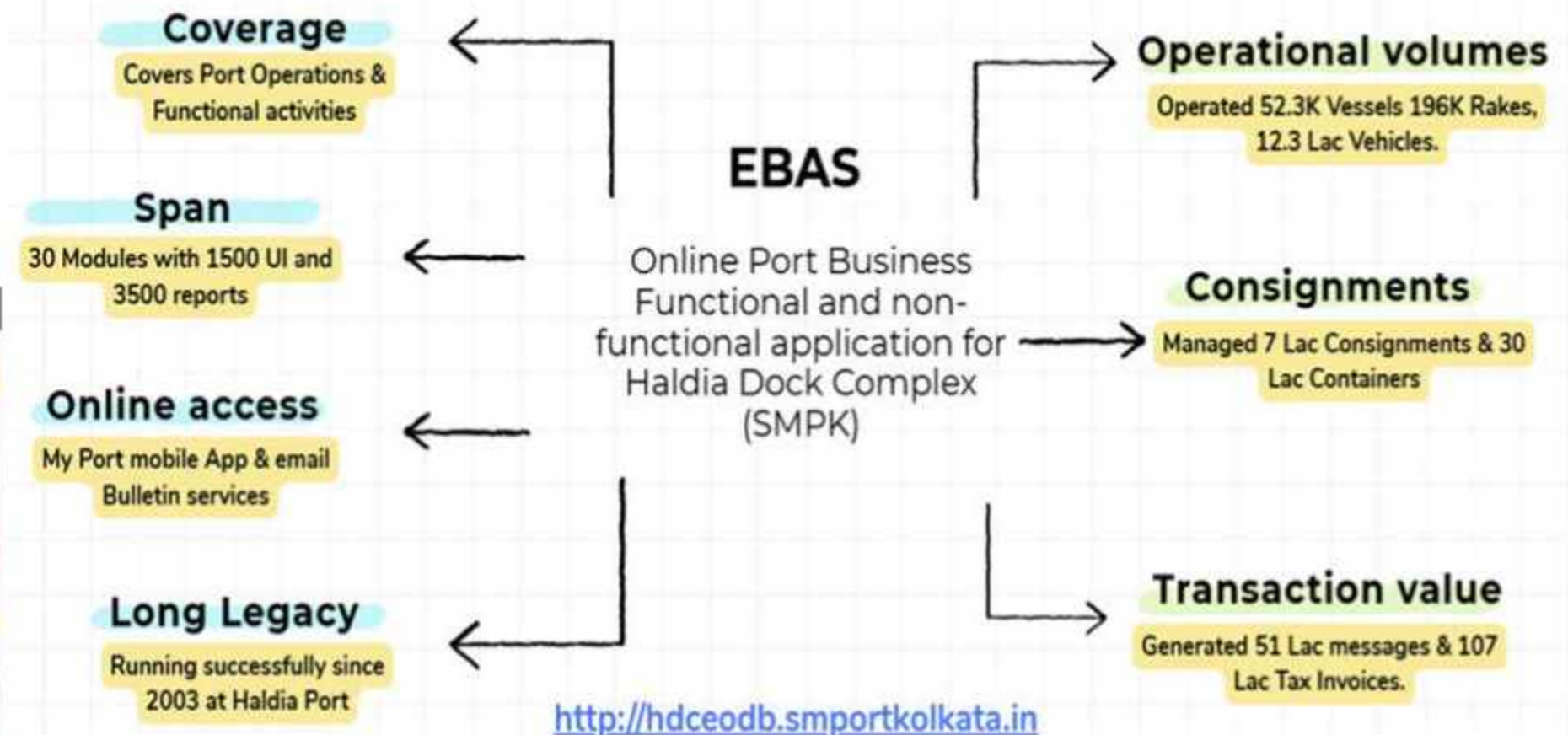
Recent Activities:

- Android App Development:** Developed and deployed Android apps (Gate Sathi, EIR) to streamline gate operations and equipment reporting with improved data accuracy.
- Process Automation:** Created applications for VRC, CRC, RR approvals, and stock cargo management to enhance operational efficiency.
- Vessel Communication Systems:** Implemented the NDC application with automated email notifications for vessel agents.
- Financial & Year-End Operations:** Handled rate updates and financial year-end processes ensuring accuracy and compliance.
- Taxation & Reporting Solutions:** Developing the LAMS TDS application and reports for tax deduction tracking.
- MSME Payment Systems:** Developed applications and reports to ensure timely MSME payments.

National Port Project developed in West Bengal



Enterprise Business Application System


<http://hdceodb.smporkolkata.in>



Kolkata District Portal

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

Highlights NIC service providing to District Administration:

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

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

District Specific Activities

- **DevSecOps & TAIGA - Multi-Stack DevSecOps Platform as a Service for NIC-WB and Open Source Project Management Platform**
 - Further improvements are being made to the Unified DevSecOps GitLab Platform to enhance project lifecycle management and improve resource utilization. Agile project management practices through Taiga continue to be adopted and strengthened, helping teams track, collaborate, and deliver projects more effectively.
 - The platform continues to see steady growth, with an increasing number of projects and users being onboarded. This reflects the platform's expanding adoption and its effectiveness in supporting project development and delivery.
- **EMMS 2.0 – Election Manpower Management System**
 - Application support for the General Election to the West Bengal Legislative Assembly 2026 continued during the first week of May. Support was provided for the training and randomization of counting personnel, creation and sending of SMS notifications, and generation of appointment letters for the concerned counting personnel. All activities were completed successfully.
 - Additionally, reports were generated as required by the district administration to support the resolution of grievances related to poll duties i.e.w. WBLA 2026.



Malda District Portal

<https://malda.gov.in>

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.

This district was formed out of some portions of outlying areas of the Purnia, Dinajpur, and Rajshahi districts in 1813. At the time of Dr. B. Hamilton (1808 – 09), the presents thanas of Gazole, Malda, Bamongola, and part of Habibpur were included in the district of Dinajpur and the thanas of Harischandrapur, Kharba, Ratua, Manikchak, and Kaliachak were included in the district of Purnia. In 1813, in consequence of the prevalence of serious crimes in the Kaliachak and Sahebganj thanas and also on the rivers, a Joint Magistrate and Deputy Collector were appointed at Englishbazar with jurisdiction over a number of police stations centering that place and taken from the two districts. Thus the district of Malda was born. The year 1832 saw the establishment of a separate treasury and the year 1859 the posting of a full-fledged Magistrate and collector.

District Specific Activities

- Official District Website regularly updated (S3WAAS).
- VC Support of NIC, State and District level meeting.
- IRAD provided guidance to administration for opening of Assignment Accounts and onboarding on TMS & PFMS for implementation of PM RAHAT Scheme.
- Provided support for ID card generation and payment for 'counting duty' related issues.
- Technical assistance for matching of beneficiary data with deleted SIR records for Annapurna Yojana.
- Thematic Data Collection and Compilation for District Disaster Management Plan 2026-2027.
- Report on KALP and Mausam SANKALP Portal for Advisory Formulation.
- Preparation of Library of 101 Gol Schemes .
- Formulation and Compilation of District Development Report .
- Preparation of District at a glance report.
- Provided support for renewal of SSL Certificate of <https://rrbmalda.gov.in> .
- Provided Support for Vulnerability Assessment and Mitigation for Security Audit of Annapurna Yojana Portal (<https://socialsecurity.wb.gov.in> & <https://socialsecuritypayment.wb.gov.in>).
- Went on tour to provide assistance to the District Magistrate for a High Level meeting at Nabanna ,Kolkata
- Provided technical support for identification of deleted SIR records in Lokaprasar Silpi beneficiary database.



Purba Medinipur District Portal

<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.
- Awareness Camp on Safer Internet Day
- District website (S3WAAS) updated, e-Office Technical Support.
- Support for GEM, e-Prosecution, eVahan, Sarathi, NDAL & ALIS, IRAD
- Flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree, APAS, Field inspections app.
- e-Tendering, e-Auction, OSCAR (OBC/SC/ST), iRAD.
- Email services & regular Video Conferencing support.
- Election VC Conducting, Election Manpower Management Micro-observer, Polling Officer, Group Creation
- E-office Activities rolling-out through the departments

Summary/Training

1. Regular User Training conducted for new/Changed module.
2. Improved Process flow explained to user of EMMS
3. Organized Event of Safer internet day at Tamluk Head Post office.



Nadia District Portal

<https://nadia.gov.in>

District Specific Activities

- Managed and updated the District Website (S3WAAS) by publishing and maintaining content based on requests received from District Officials and various Departments.
- Facilitated and provided technical support for regular Video Conferences (VCs), including general administrative meetings, election-related meetings, and CIC VC sessions.
- Coordinated with the ADM-PP for the operation and implementation of EMMS 2.0 software during WBLAE, 2026. Provided technical assistance, doubt clearance, troubleshooting support, and implementation guidance for all election-related software applications. Conducted training programmes for Returning Officers (ROs), Block Development Officers (BDOs), and Sub-Divisional Officers (SDOs) on the effective use of EMMS 2.0.
- District NIC ensured uninterrupted IT support, effective coordination, and timely deployment of technical equipment during ASL activities for the Hon'ble Chief Minister's visit held on 25.06.2026 and other important district-level events.
- District NIC provided comprehensive technical support for the Hon'ble Chief Minister's visit held on 26.06.2026 at APJ Abdul Kalam Auditorium, Kalyani, Nadia, ensuring the smooth execution of all IT-related arrangements and services.



Jhargram District Portal

<https://jhargram.gov.in>

Highlights

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

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

District specific activities

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



Murshidabad District Portal

<https://murshidabad.gov.in>

Highlights

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

District Specific Activities

- Maintenance of Official District Website regularly (S3WAAS) platform
- Technical help for E-Prosecution, Vahan, Sarathi
- VC Support of NIC, State and District level meeting.
- IRAD Technical Support for all stake holders.
- Emms Portal support.
- Support for flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- E-office active in various departments with ongoing support
- Technical help for field inspection app.
- It support of Circuit House.
- Technical support for SIR (Special Intensive Revision)
- DA Admin support and follow up for Admin creation
- Email migration support for district Officers.
- VC System Installation upgradation



Birbhum District Portal

<https://birbhum.gov.in>

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:

- District Website regularly updated (S3WAAS).
- E-office active in all section of District Administration with ongoing support.
- Provided consultancy & ICT Support to District Administration.
- Providing support on various flagship schemes
- Providing support in Creating /Updating email profile
- iRAD Technical Support.
- NICNET and Video Conference Support.
- Attend Meeting/ Hearing i.c.w CAA/Census
- Manage Election related activities, WBLAE 2026



Darjeeling District Portal

<https://darjeeling.gov.in>

Highlights

- ✓ Supported in EMMS related technical issues.
- ✓ Actively participated in the Polling Personnel Cell, Kalimpong for West Bengal Legislative Assembly Elections 2026 and completed all duties with user satisfaction.
- ✓ Google Looker Studio is used for election data verification and visualization.
- ✓ Randomization of Counting Personnel Done on 03/05/2026 and 04/05/2026.
- ✓ Training of Counting Personnel Done on 03/05/2026.
- ✓ Enhanced UI-UX of e-Panchayet portal using DBIM Guidelines.

District Specific Activities.

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

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

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

Summary/Training:

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



Kalimpong District Portal

<https://kalimpong.gov.in>

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.

Highlights

- ✓ Supported in EMMS related technical issues.
- ✓ Actively participated in the Polling Personnel Cell, Kalimpong for West Bengal Legislative Assembly Elections 2026 and completed all duties with user satisfaction.
- ✓ Randomization of Counting Personnel Done on 03/05/2026 and 04/05/2026.
- ✓ Training of Counting Personnel Done on 03/05/2026.
- ✓ Appreciation Letter received for General Elections to WBLA-2026
- ✓ Enhanced UI-UX of e-Panchayet portal using DBIM Guidelines.

District Specific Activities

- Official District Website regularly updated (S3WAAS).
- E-office is active in all sections of the district administration with ongoing support.
- Provided consultancy & ICT Support to the 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 the Citizenship Amendment Act (CAA).
- VC Support
- NICNET Support to:
 - 18 nodes at the Office of the District Magistrate, Kalimpong



Jalpaiguri District Portal

<https://jalpaiguri.gov.in>

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 to:
 - 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.



Uttar Dinajpur District Portal

<https://uttardinajpur.gov.in>

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

- Project :-**
- ❖ iRAD/eDAR
 - ❖ eProsecution
 - ❖ Vahan-Sarathi
 - ❖ IVFRT
 - ❖ Election Manpower Management System : (<https://emms.wb.gov.in>).
- Categorization and 1st/2nd/3rd Randomization of Polling/Counting Personnel was executed considering requirement for large number of Female booths (446 out of 2356). Analytics and numerous reports prepared for planning, assessment and decision making. Total ICT support to MPM/ PB/ Training/ Report Return Cell. Generated Bank Payment Scroll for Polling/Counting Personnel amounting more than 2.5 Cr.
- Impact :-**
- : 6207 data captured till date.
 - : 16274 Court Cases Digitalized under this project.
 - : 5118 DL & 3575 Vehicles registered in May, 26.
 - : Indian & Foreigner data Arrival: 26587, Exit: 26709
- ❖ eForms, eMails : User for profile Creation/update -213
- ❖ Campus LAN : Approx. 300 nodes are connected and network traffic is being transferred through our 1G NICNET Router as Primary Link. Provided 24x7 Internet services on Election related activities. LAN and VC setup for ROs and Observer Cell in Circuit House.
- ❖ CAA Hearings : Applications 3000. Hearing Conducted 2000. Approved 400. (Approx.)
- ❖ Other eGov Projects like eOffice, Annapurna Yojana, CAA, OSCAR, OASIS, Mplads, GEM, eProcurement, Recruitment, VPN/DSC etc.
- ❖ Video Conferences arranged : (Total : 54 during May, 2026)



Randomization before Observers and DEO



Training on eOffice

National Level	State Level
	CM : 2
	CEO : 6
ECI : 3	CS : 4
Departmental : 12	Secretary : 3
	DM & Others : 24
15	39

Training & Others :

- Training on eOffice for all employees across departments/sections under the Uttar Dinajpur Collectorate and attached offices.
- Training to ROs on Counting Randomizations.



Alipurduar District Portal

<https://alipurduar.gov.in>

Highlights

Alipurduar is home to a diverse range of ethnic communities, including the Rajbanshi, Dukpa, Bhutia, Tamang, Gurung, Lepcha, Sherpa, Bhujel, Kami, Damai, Mangar, Newar, Khas, Chettri, Sarki, Rabha, Mech, Santhal, Madasia, Bodo, Toto, and Oraon communities, among others. This cultural diversity adds to the rich tapestry of the district. Geographically, Alipurduar is a landlocked district, bordered by Jalpaiguri to the west, Assam to the east, and Cooch Behar to the south. To the north, it shares an international border with Bhutan. The district's landscape is characterized by rivers, streams, hills, tea gardens, and forests. The major rivers flowing through the district include the Torsa, Raidak, Kaljani, Sankosh, Jayanti, Dima, Mujnai, and Gadadhar.

District Specific Activities

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

Summary/Training

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



South 24 Parganas District Portal

<https://s24pgs.gov.in/>

District Administrative setup

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

District Specific Activities

- 1) e-Office is implemented in 84 Departments/Section under District Administration with total 5255267 no of e-File moved till date which is highest among the districts of west Bengal.
- 2) Implemented District Official Website in S3WAAS platform with separate webpage for more than 26 departments till date for information regarding details of citizen centric schemes offered by corresponding department.
- 3) Service Plus framework used for digitalization of RTI Case monitoring for Land Acquisition cases and currently in UAT.
- 4) Necessary technical support provided to various National level e-Governance Project ie. e-Tender, GeM, ICJS, iRAD, email Services, NDAL & ALIS , SPARROW, e-Vahan, e-Sarathi , CAA Portal, e-GramSwaraj Portal, APAS Portal etc.
- 5) Necessary technical support provided to various State Level e-Governance Project ie Jaibangla Portal, Lakkhir Bhandar, OSCAR Portal for issuance of Cast Certificate , Field Inspection and Monitoring & Supervision Portal etc.
- 6) Total 10 nos of Video Conference Session conducted through NIC VC setup
- 7) NICNET services provided to district administration with maximum bandwidth utilization more than 190Mbps (in) / 197Mbps (out).

Other Significant Activities

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

Summery / Training

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



Paschim Medinipur District Portal

<https://paschimmedinipur.gov.in>

Highlights

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

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

District Specific Activities

- Technical support to DEO for WBLA 2026
- Conduct and manage training for Election related work
- Network Support to Election related works
- Network Support for WBLA 2026
- Technical support for managing and maintaining District PP database
- Technical support to District Magistrate & collector for Various state-run social schemes
- IT Support for Conducting Recruitment related work
- Official District Website regularly updated (S3WAAS).
- E-office active in 48 departments with ongoing support.
- IT support for admin review meetings and Email Create/Update Technical Support provided
- Technical help for E-Prosecution, Vahan, Sarathi OBC SC/ST certificate (OSCAR).
- IT Support for Conducting Recruitment related work
- Technical support to District Magistrate & collector for Various state-run social schemes
- IT and technical support to the Railways for conducting Rozgar Mela