



# Major Projects & Initiatives in 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.



August 2025





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## Projects, developed and implemented in West Bengal(59)

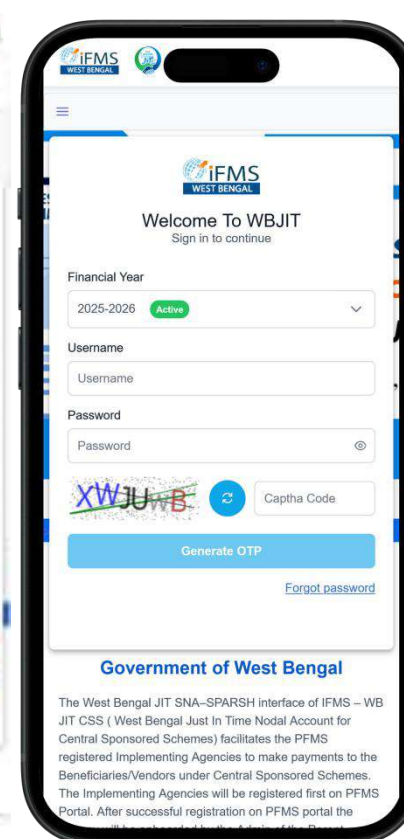
Most of the **Information and Communication Technology (ICT)** initiatives of **West Bengal** are handled by the **National Informatics Centre (NIC), West Bengal**.

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G2G and G2C



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

URL :<https://ifms.wb.gov.in/wbjit/>

## West Bengal Just-in-Time (WBJIT)

- Solution for Just-in-time Payment for Centrally Sponsored Schemes (CSS) mapped with State level Scheme (SLS) implemented by Government of West Bengal (GoWB) following mandate of SNA-SPARSH Mandate of Government of India (GoI). 23 CSS , and 66 SLS implemented as on date
- **4 modules: User Management, WBJIT, JIT-Bill, JIT-Treasury** Development based on **Microservices Architecture, Generic Template and API-based integration of external portal**
- 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. External Integration NPCI, JJM, PMGSY, NREGA Soft, Gram Nidhi

**Achievement: WBJIT** Implemented Since 7<sup>th</sup> January '2025

**Statistics: FY 25-26 (upto 21/08/25): FTO prepared : 35295, Amount : Rs. 1648.13 Crores (Approx.)**



G2G and G2C

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

## Integrated Financial Management System (IFMS)

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

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

**Four Modules of IFMS** are in production since April'2025

**FY 25-26 : Cumulative Bill Voucher: 27216, Amount : Rs. 1741.23 Crores (Approx.)**



## G2G and G2C



Technology Stack : Laravel, RabbitMQ, Redis, GitLab, DevSecOps, PostgreSQL

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

## Unified Project Management System (UPMS)

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.

**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

**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)

**Number of Projects created/modified: 907** , Number of Requisitions created/modified: 927, **Number of Estimates created/modified: 1023 Total Cost of Estimates: Rs. 29,93,41,87,100.85 (~ 3000 Cr.)** ,

## G2G



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

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

## West Bengal Direct Benefit Transfer (WBDBT)

- 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**

G2G and G2C



Technology Stack : Laravel, Kafka, PostgreSQL

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

## Lakshmir Bhandar

A scheme of GoWB, which is promised to provide monthly assistant to women in age group 25-60 years of Rs 1200 (earlier Rs 1000) who belongs to SC/ST families and Rs 1000 (earlier Rs 500) to general category families. 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.

Aadhaar is mandatory, 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

**Achievement:** Successfully development and running **Lakshmir Bhandar** since August'2021 with present **beneficiary around 2.2 Crore (Approx.)** with **monthly assistance of Rs. 2131 Cr. (Approx)** Able to establish an automated pipeline to push all beneficiary and transaction to the Social Registry Portal

G2G and G2C



Technology Stack : Laravel, Kafka, PostgreSQL

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

## Jai Bangla

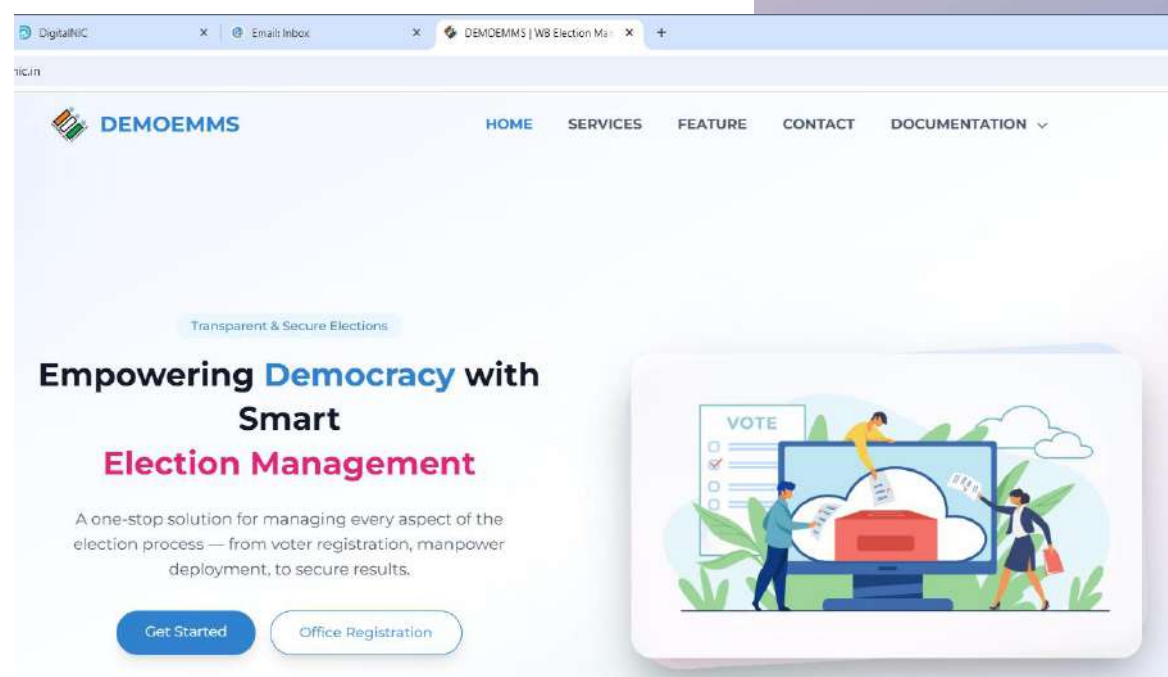
- One Umbrella Social Pension portal
- Multi-tier, Multi-tenant, Scalable, Configurable & Open Source architecture
- Online System for Application, approval and payment Aadhar Deduplication & Bank Account Deduplication Bank Account and Bank Account Name Validation Online Payment Directly to Bank Account
- 13 Schemes and 8 Departments on board
- API Based Integration for SMS and other portals
- Integration with IFMS and Bank (SBI) for payments

**Achievement:** Successfully development and running **Jaibangla** since April'2020 with present **beneficiary of 80.61 Lakhs and Monthly Payment of Rs. 617.54 Cro. (Approx.)**. Able to establish an automated pipeline to push all beneficiary and transaction to the Social Registry Portal

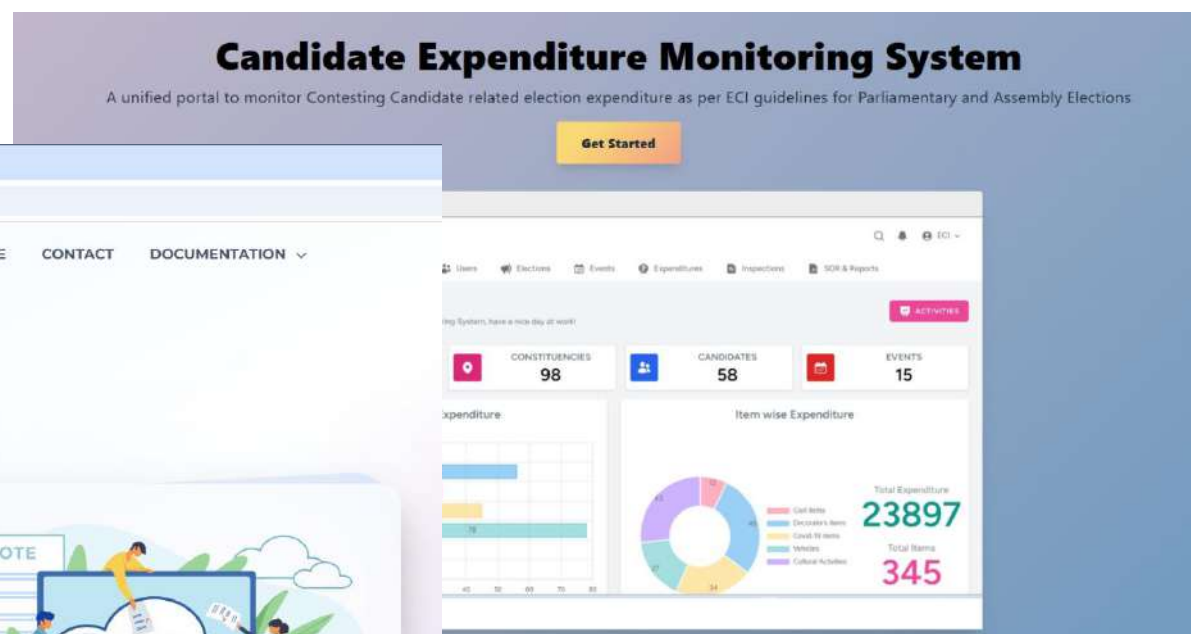




## G2G and G2C



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



Technology Stack : Laravel, RabbitMQ, Redis, GitLab, DevSecOps, PostgreSQL

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

## Election Manpower Management System (EMMS) and Candidate Expenditure 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. Covers 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

Whereas the CEMS provides solution for contesting candidates expenditure in the Assembly or Candidates Expenditure Monitoring with Shadow Observation Register (SOR)



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

Technology Stack : Laravel, MongoDB PostgreSQL

## Tourism Department Website and Mobile App of Kalimpong District Tourism

Integrated configurable web portal which serves as one-stop solution for Tourists. Stakeholders are allowed to login to 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.

## G2G and G2C





# State Projects

## G2G and G2E



The West Bengal Social Registry System (WBSRS) is a centralized platform developed to monitor welfare scheme delivery across the state. Managed by the Finance Department, it currently integrated with 67 of 136 schemes—including 53 state and 14 central schemes. Data synchronization is enabled via Kafka (real-time streaming), APIs (system integration), and Excel uploads (for manually maintained schemes), ensuring flexible and comprehensive coverage.

*Khadya Sathi (KS) data taken as Single Source of Truth (SSoT).*

*GIS-enabled LGD data for MIS reporting and dashboard.*

*Unified Brochure of 136 schemes (State:74 and Central:62)*

*Access Management through Multi-Factor Authentication and Role-Based Authorization*

*Diverse data exchange mechanisms including Kafka, APIs, and Excel, with ongoing enhancements in data quality .*

*Empowers digital governance and fosters informed, citizen-centric strategies.*

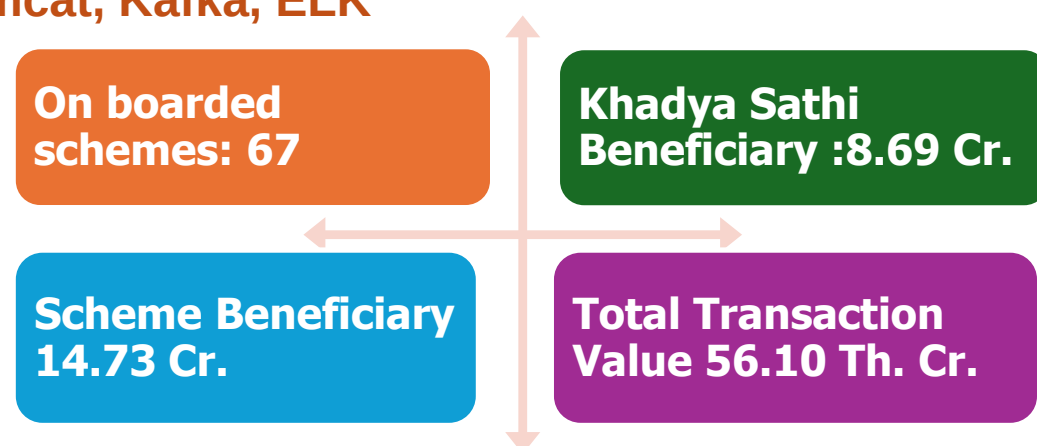
*An AI-powered chatbot, Sihu (Tathvika), has been integrated to deliver information on various government schemes*

*A structured, regularly updated set of charts using varied parameters for multi-level monitoring and analysis.*

## West Bengal Social Registry

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

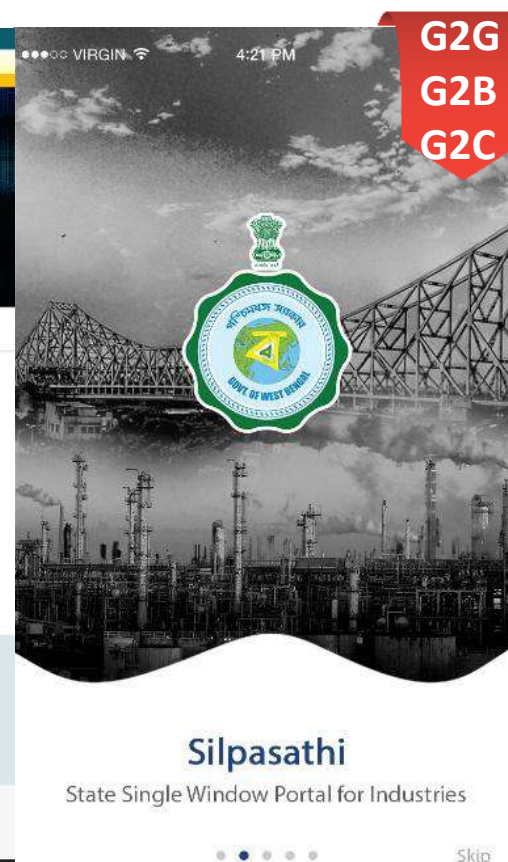
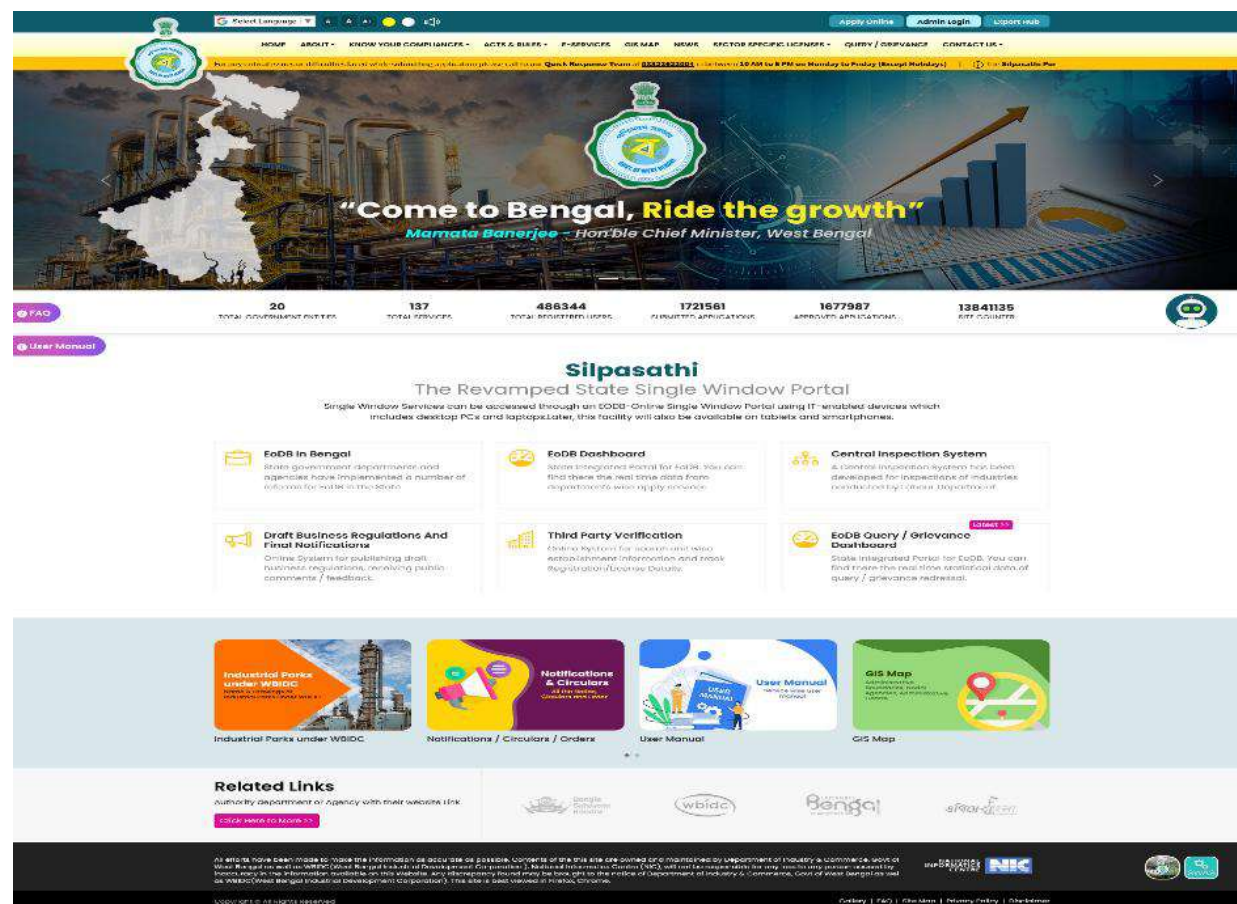
**Technology Stack: Angular, Java-API, PostgreSQL, Redis, APISIX, Tomcat, Kafka, ELK**







## State Projects

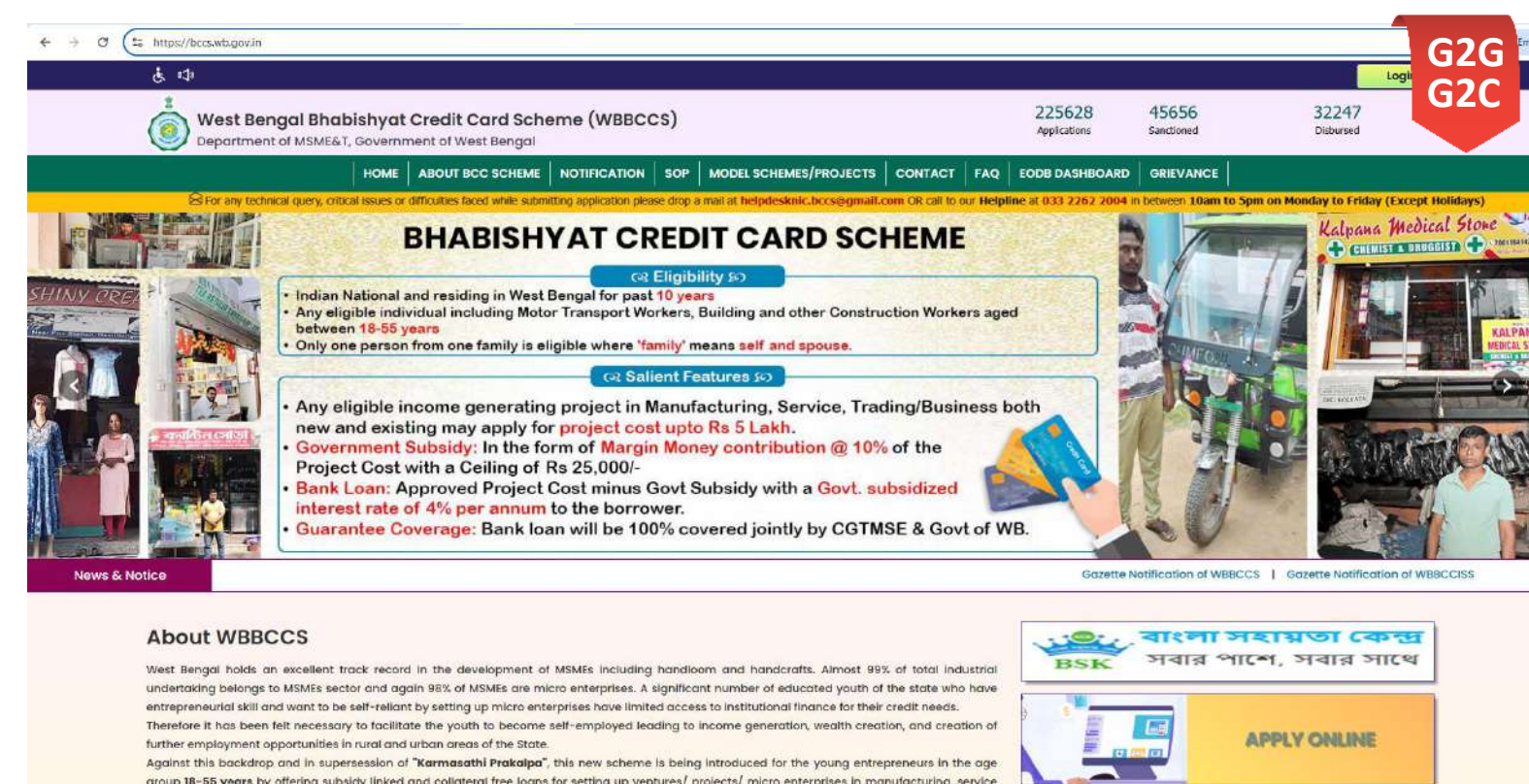


Technology Stack : Drupal, PHP, REST API, PostgreSQL URL : <https://silpasathi.wb.gov.in/>

### Silpasathi – State Single Window Portal

“Unified Single-window Portal for Businesses To Apply For Approvals, Licenses & Clearances Without Physical Touch-point”

- It serves as a digital gateway for providing the necessary statutory compliances under the applicable acts, rules, policies and schemes of the Govt of West Bengal.
- Investors can get certificates and licences required for setting up and operating business in the state in a smooth and time-bound manner, without the need to visit any government department or office.
- In addition, Silpasathi Kiosks are available at 23 Industry Facilitation Centres (IFCs) located in every district of the state.
- The IFCs provide handholding support to the investors seeking statutory compliance services from the Silpasathi portal.
- Online wizard to guide citizen for availing applicable licenses or certificate for setting up of industries.



Technology Stack : CodeIgniter, Linux, REST API, PostgreSQL

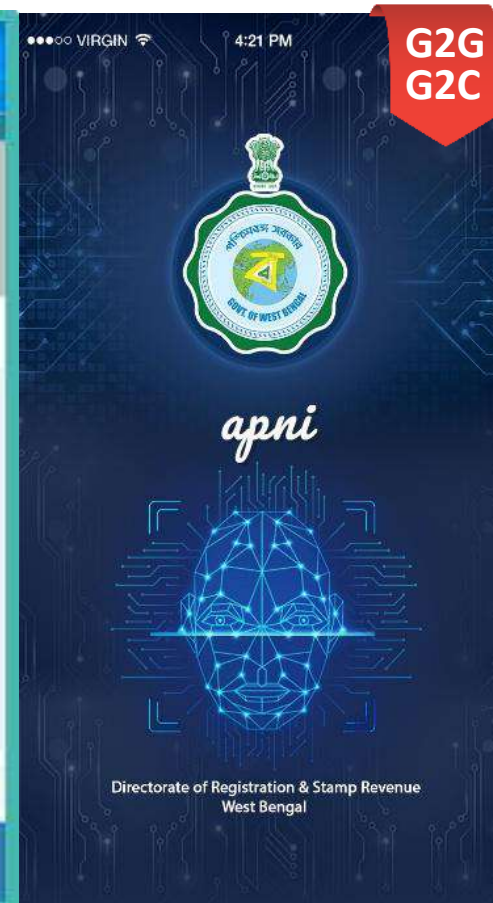
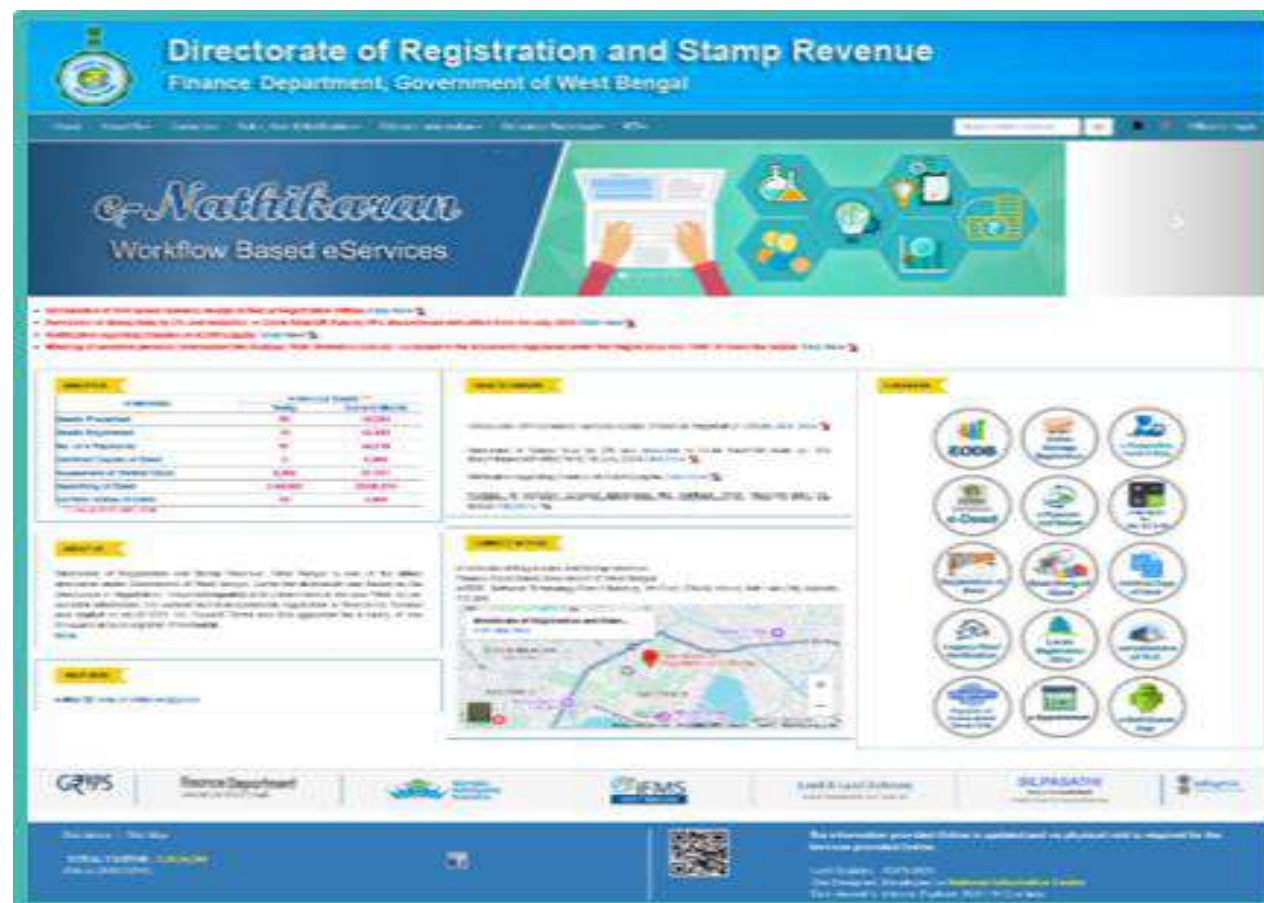
URL : <https://bccs.wb.gov.in/>

### West Bengal Bhabishyat Credit Card Scheme

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

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



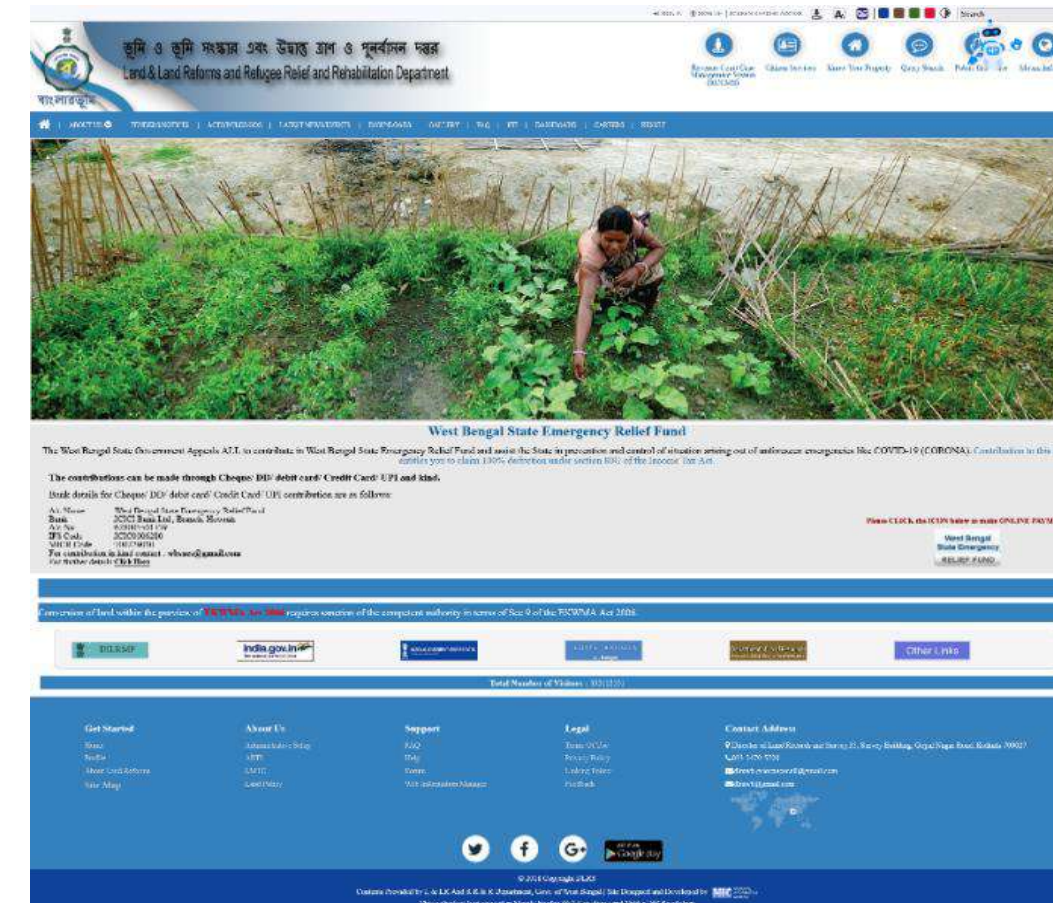


**Technology Stack :** .NET Framework, C#, SQL Server, Angular

**URL :** <http://wbregistration.gov.in/>

### Directorate of Registration and Stamp Revenue

- 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.



**Technology Stack :** J2EE, Struts 2 framework, Hibernate, SQL Server

**URL :** <https://banglarbhumi.gov.in/>

### Land And Land Reforms And Refugee Relief And Rehabilitation Department

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

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.





Technology Stack : Laravel 10, PHP 8.1, Apache2.4, PostgreSQL 17

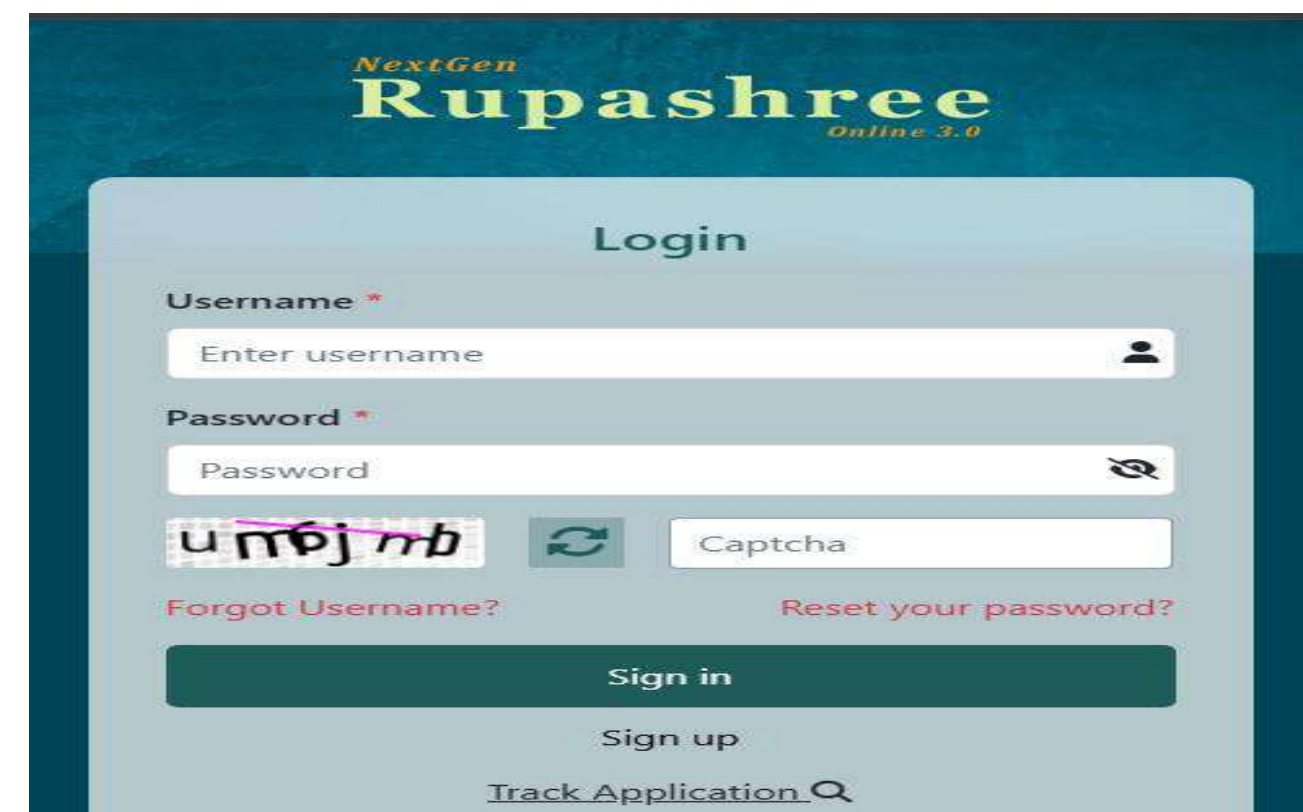
## NextGen Kanyashree Online 9.0

- ICT driven Conditional Cash Transfer programme
- aims at improving lives of millions of adolescent girls having poor socio-economic background
- Around 93 lakh Girls are already enrolled in the programme and 91 lakh already sanctioned.

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

**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)

## G2G and G2C



Technology Stack : Laravel 10, PHP 8.1, Apache2.4, PostgreSQL 17

## NextGen Rupashree Online 3.0

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

- Economically stressed families to provide cash assistance is Rs.25,000 at the time of their adult daughters' marriages.
- End-to-end ICT enablement from beneficiary enrolment to direct benefit transfer.
- Covered District – 24
- Covered Block/Municipality – 473
- Total Beneficiary – 19 lakh





## State Projects



Swami Vivekananda Merit-cum-Means Scholarship (V4.2)  
Government of West Bengal

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

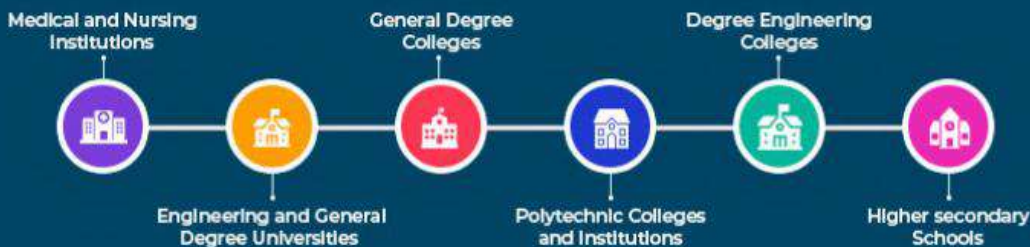
Home | About | How To Apply | Downloads | Contacts | Weblinks | WB State Emergency Relief Fund | Applicant Login | Registration

Renewal Application(2023-24) will be closed on 18.09.2025

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

"Education is the manifestation of the perfection already in the man."

- Swami Vivekananda



Technology Stack : Bootstrap, HTML-5, CSS-3, JavaScript, JQuery, PHP, NGINX, Radis, PostgreSQL

### Swami Vivekananda Merit-cum-Means Scholarship

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

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



WBSCC  
Department of Higher Education  
Govt. of West Bengal

1800-102-8014

contactwbcc@gmail.com

support-wbcc@bangla.gov.in

Administrator Login

SR

A+

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

## Student Credit Card Scheme

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



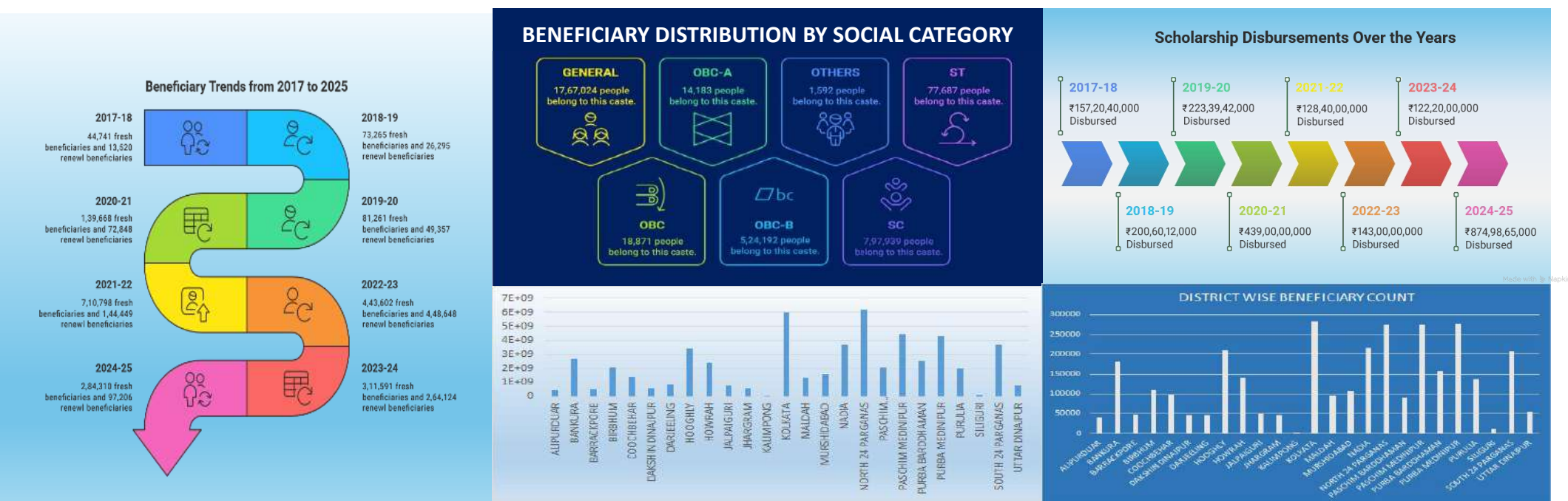
Important Message: Download MoU

Technology Stack :Bootstrap,HTML-5, CSS-3, JavaScript, JQuery, PHP, CodeIgniter, Apache, PostgreSQL

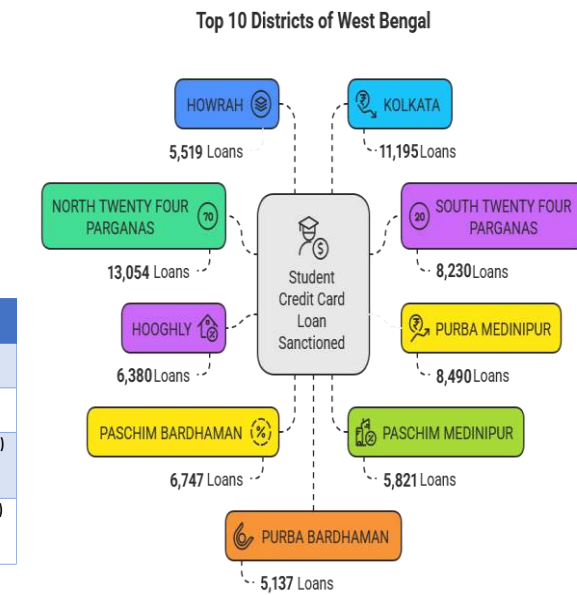
### Student Credit Card Scheme

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

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].



| LOAN SANCTION DISTRIBUTION BY SOCIAL CATEGORY         |                      |                      |                            |
|-------------------------------------------------------|----------------------|----------------------|----------------------------|
| Parameters                                            | Previous month       | Reporting month      | Cumulative since inception |
| No. of Applications Received                          | 4184                 | 3841                 | 229664                     |
| No. of Applications Forwarded to Banks                | 3802                 | 2155                 | 223739                     |
| Applications sanctioned by banks with loan amount     | 2126 (Rs. 104.51Cr.) | 2126 (Rs. 104.51Cr.) | 94,892 (Rs. 3,538.09 Cr.)  |
| Loan disbursed by banks with disbursement loan amount | 1503 (Rs. 22.79 Cr.) | 856 (Rs. 17.54 Cr.)  | 70,635 (Rs. 1,195.17Cr.)   |







State Projects



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

Banglar Shiksha Portal

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

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 are Head of Institutions, Sub-Inspector of schools, District Inspector of Schools and Directorate of School Education.

- Total No. of Schools : **95385**
- Total No. of Students : **17651707**



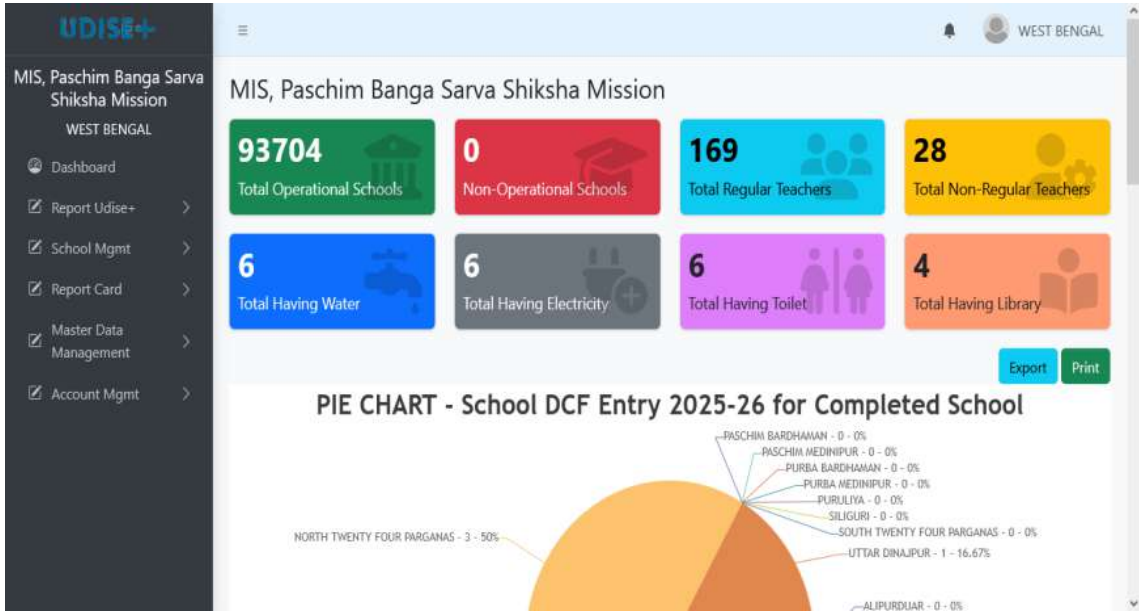
<https://banglarshiksha.wb.gov.in/iosms>

Integrated Online Salary Management System (IOSMS)

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

IOSMS (Integrated Online Salary Management System) is West Bengal's digital platform for effortless salary and service management of school staff. It automates payroll via IFMS, manages digital pension/service records, enables easy transfers, pay slip access, and salary increments.

- No. of Primary School Teachers: **49146**
- No. of Secondary School Teachers : **213813**
- Monthly Salary Disbursement : **Rs. 2155Cr (Approx.)**



<https://schoolinfo.banglarshiksha.gov.in>

Unified District Information System for Education Plus (UDISE)

Technology Stack : PHP, CodeIgniter, Bootstrap, PostgreSQL

UDISE+ is an online Management Information System by the West Bengal School Education Department that collects real-time data from all recognized schools (Pre-primary to Class XII) since 2019-20, used for planning, resource allocation, program implementation, and monitoring key school performance indicators nationwide.

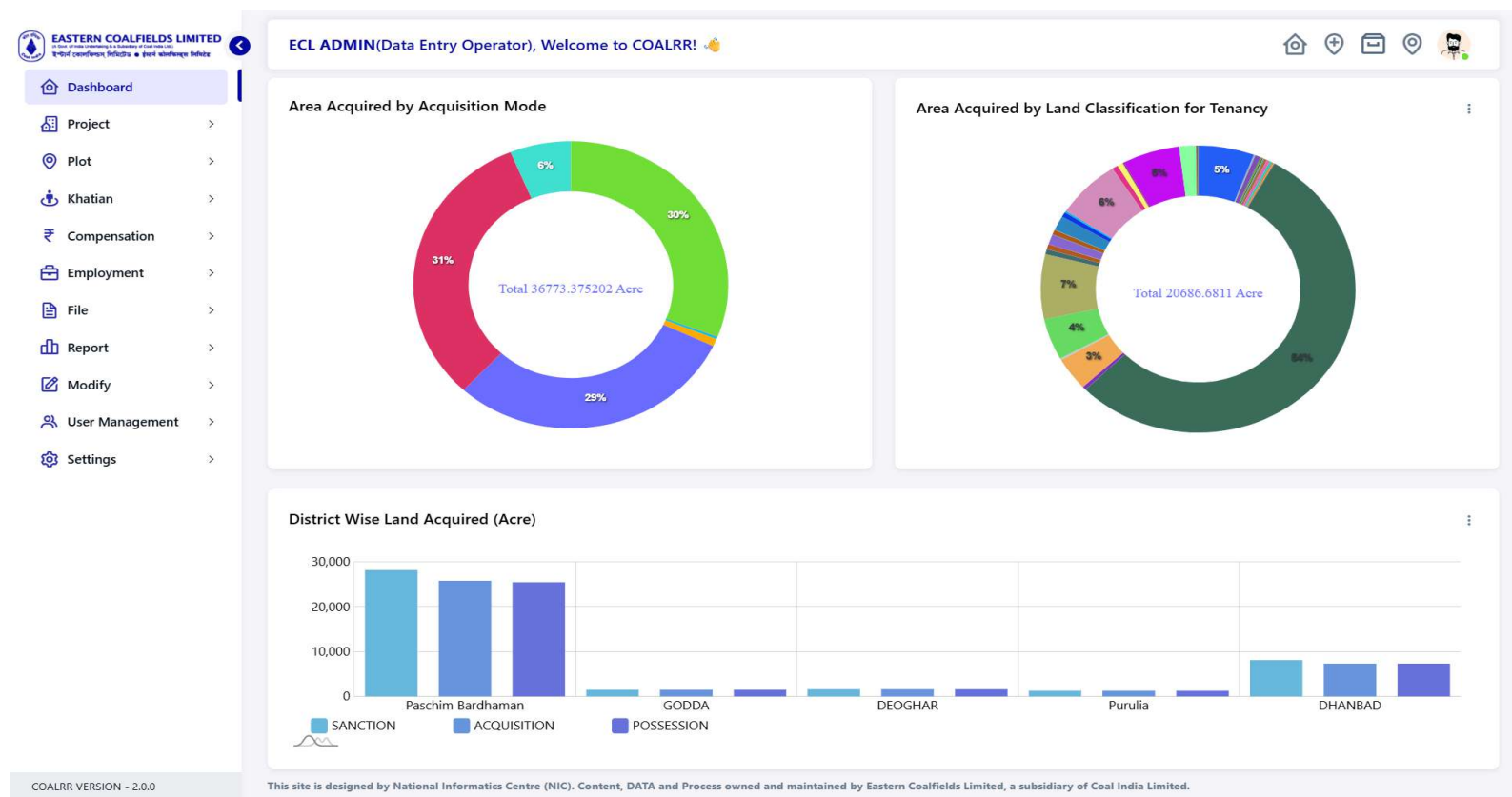
- Total Teaching Staffs : **581191**
- Total Non-Teaching Staffs : **33151**





## G2G and G2C

## G2G and G2C



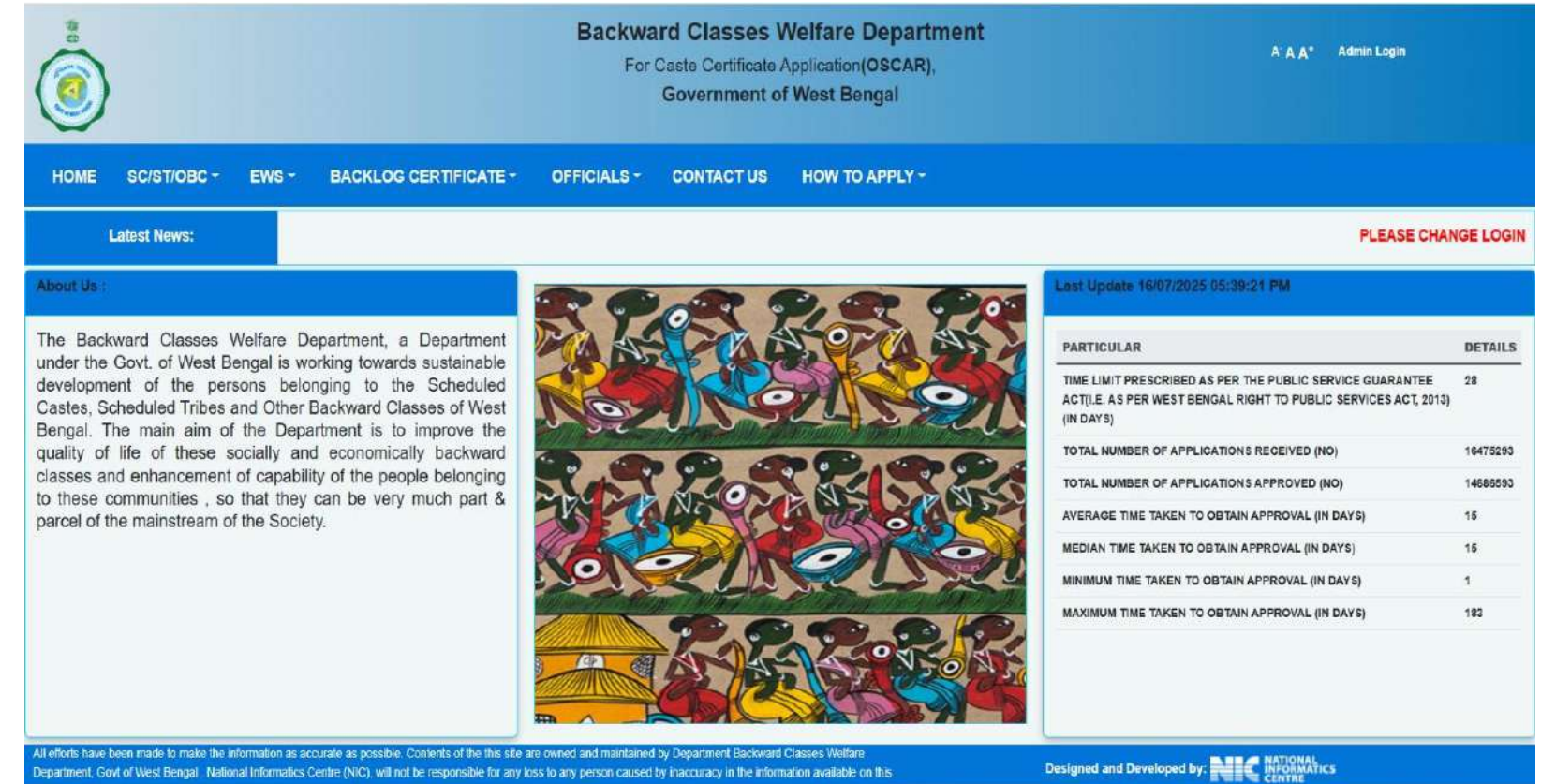
Technology Stack : Laravel, MongoDB, PostgreSQL

## COALRR

<https://eccoalrr.in/>

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.

- **Total Plots:** 61,219
- **Acquired Area:** 28901.0075 Acre
- **Total Khatians:** 11,872
- **Total Owners:** 5,908



Technology Stack : Laravel, NAPIX, PostgreSQL

## OSCAR

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

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.

- **SC,ST,OBC Application:** 1,90,69,767
- **SC,ST,OBC Certificates:** 1,69,69,064
- **EWS Applications:** 61,460
- **EWS Certificates :** 49,790





## State Projects



### e-Services of Directorate of Electricity, Department of Power

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

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.

- No. of License Delivered for Lift & Escalator Services : **51520+**
- No. of License Delivered for Inspection Services : **3710+**
- No. of License Delivered for Licensing Board Services : **49420+**



### Web Application of the Department of Power

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

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)**



## State Projects



### e-Allotment of Rental Housing Estates, Housing Department

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

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**



### Portal for Youth Services and Sports, Department of Youth Services & Sports

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

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**



## State Projects



### Modified West Bengal Textile Incentive Scheme, Directorate of Textile

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

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.

- No. of Registered Users : **133**
- No. of Application Approved : **24**
- No. of Total Approved Amount : **1758.648** Lakh
- No. of Power Textiles Registered : **30**
- No. of Handloom Textiles: **125**



### e-Services for Marketing Incentive, Directorate of Textile

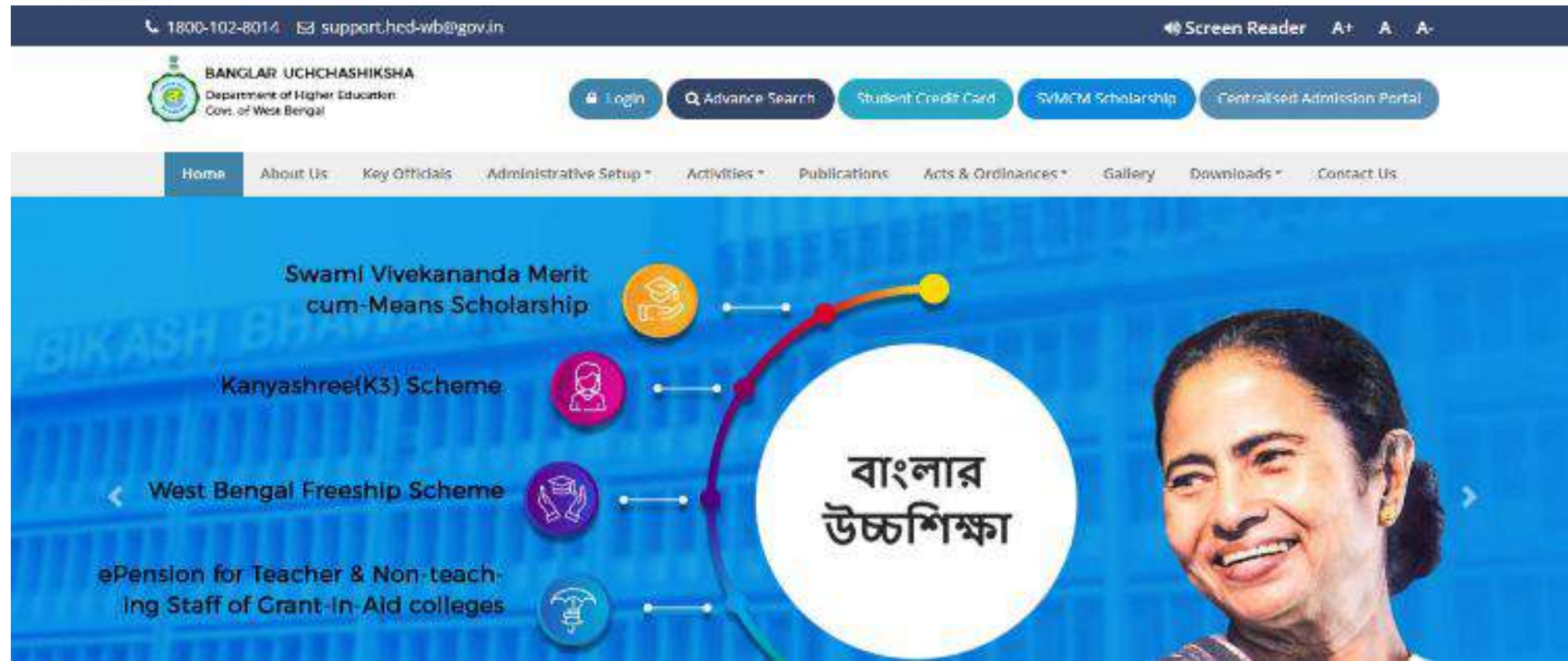
<https://tantibandhu.wb.gov.in>

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.





## State Projects

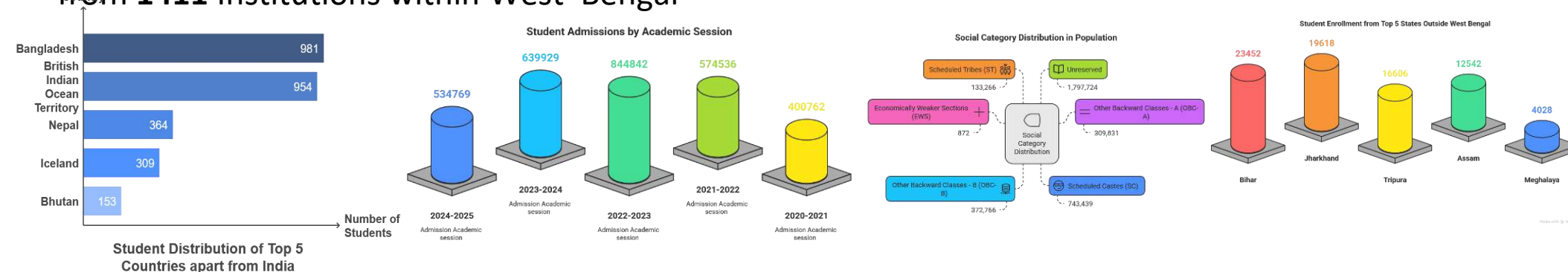


Technology Stack :Bootstrap,HTML-5, CSS-3, JavaScript, JQuery, PHP, CodeIgniter, Apache, PostgreSQL

### Banglar Uchchashiksha

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

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 Bengal



Platform: Drupal 7.103(PHP 8.2), PostgreSQL 15

### e-PBGSBS Management System, Department of Animal Resource Development

<https://pbgsbs.gov.in>

Paschim Banga Go-Sampad Bikash Sanstha is a state initiative for breed improvement, cattle health, and livestock development. It enables scientific cattle breeding, AI services, insurance, and farmer support through digital monitoring systems.

- No. of Nos. of AI worker & Pranimitra registered to the system : **21999**
- No. of Nos. Cattle are tagged to the system : **7491518**
- No. of Total artificial insemination done : **8478344**
- No. of Total calves born reported : **1302101**



## G2G and G2C

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

Technology Stack : Cake PHP, MySQL

AppComs and Dynamic Web site of West Bengal Information Commission

## Highlights

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 an work flow 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.

## 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





## State Projects

Government of NCT of Delhi  
Department of Excise

LOG IN

About Us + | Facts & Figures + | Acts, Rules & Orders + | Right to Information + | Feedback + | Track & Trace + | User Manuals +

**Delhi eABKARI**  
Workflow Based eServices

360° VIEW OF ALL  
LICENSES, BRANDS, PERMITS, PASSES

ABOUT US

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

More

e-Abkari-Delhi  
Delhi Excise Department

Track Your Bottle

Locate Your Vend

Vend Wise Stock

Dry Days

Lodge Your Complaint

Login

ভারত সরকার  
Government of India

স্বাস্থ্য ও পরিবার কল্যাণ মন্ত্রণালয়  
Ministry of Health & Family Welfare

SKIP TO MAIN CONTENT

পশ্চিমবঙ্গ চিকিৎসা পরামর্শ সমিতি  
**West Bengal Medical Counselling Committee**  
Admission and eCounselling Services

Home | About Us | UG Medical & Dental | PG Medical | PG Dental | UG AYUSH | PG AYUSH | Contact Us

LATEST NEWS | WB NEET UG Medical & Dental Round 2 Registration started....

INTRODUCTION

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

UG Medical and Dental Counselling

Candidates who have qualified through NEET-UG conducted by National Testing Agency (NTA) during the current academic year are eligible to participate in State Online Counselling for Under-Graduate Medical and Dental Courses for State Quota seats in Government Medical and Dental Colleges with State Quota, Management Quota and NRI Quota Seats in Private Medical Colleges and State Quota, Management Quota in Private Dental Colleges in West Bengal. 85% State Quota seats for Under-Graduate courses (MBBS/BDS) are being allotted through Online Counselling at the State level.

**G2G, G2B**

**eAbkari for NCT Delhi**

URL :<https://eabkari.delhi.gov.in>

**G2C**

**Medical Counselling**

URL :<https://wbmcc.gov.in>

The eAbkari project covers the core activities of State Excise:

- Ensuring Public Health through Regulation and intelligence, Enforcement Measures.
- Minimum consumption maximum revenue ensured.
- Excise License management to render 360 degree profile of Excise Licensees.
- 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 hierarchical levels.

**Technology Stack:** MS ASP.Net Framework, IIS 8.0, Database : SQL Server 2017, AJAX, JS.

**Achievement:** Implemented Since 3<sup>rd</sup> October 2024

**Statistics: FY 25-26 (up to 11/09/25):** Licensee:4012, Permit: 12,21,773, Revenue : Rs. 2695.54Cr.

The Counselling Project covers the core activities of WBMCC:

- Centralized Medical CounsellingPlatform
- Real Time Merit Based seat Allotment
- Streamlined registration & Application Process
- Document verification and Eligibility validation
- Dynamic Seat matrix and vacancy update
- Multi-Round Counselling Workflow
- Institution wise and course wise Reporting dashboard
- Automated Allotment letter & Admission Status

**Technology Stack :** MS ASP.Net Framework, IIS 8.0, Database : SQL Server 2017, AJAX, JS.

**Achievement:** Implemented Since last 13 years

**Statistics: FY 25-26 (up to 11/09/25 :** Total Seats : 6288, Registered : 16,321,Admitted: 4621





### CMS Portal (Content Management System & Reporting)

- 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

**Achievement:** Project Demonstration presented to the Honorable Minister in Charge, Department of Transport, Government of West Bengal, in the presence of senior officials, the Joint Secretary, and the Special Secretary. The Honorable Minister was pleased to see the project and acknowledged our efforts in initiating and developing it within a short span of 11 working days.

**Statistics:** NA

### G2G and G2C

**URL:** At present in a development phase

**Technology Stack :** Laravel PostgreSQL, Bootstrap jQuery, Highcharts JS

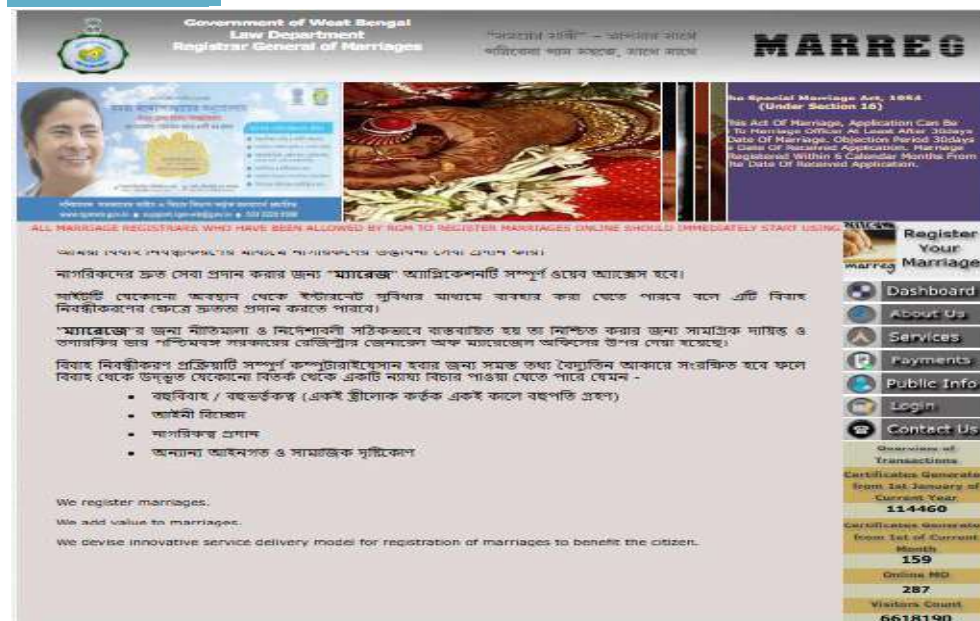


### Objectives:

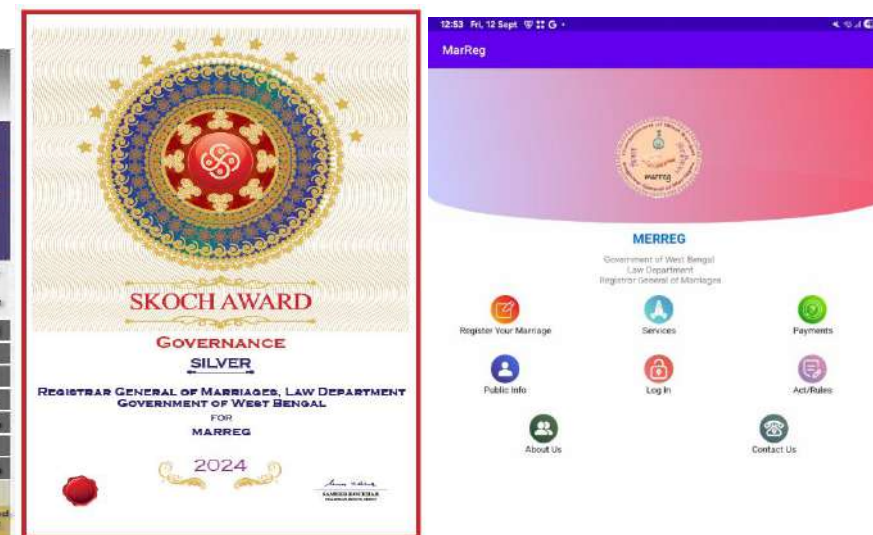
An online e-Governance application portal will be developed for the Transport Department West Bengal for deployment at World Wide Web. The portal will enhance dissemination of information e.g. Notices, Tenders, policies, schemes, programmes etc. of the Department and enable e-services for the citizens by the department. The proposed e-Governance portal will be a comprehensive umbrella portal for all the Directorates and Wings of the Transport Department. NIC-WBSC is entrusted by Transport Department to design, develop, host & implement the online web application portal for the e-governance mechanism of the Department which provides a single-window & end-to-end ICT enablement. NIC-WBSC will act as the technical consultant as well as partner for providing ICT solution to the Department to successfully implement the programme. The proposed e-Governance application will be developed using latest version of open-source software stacks and in a configurable way so that content management can be done by designated officials of user department using their secure login account and virtual dashboard.



## MARRIAGE REGISTRATION IN WEST BENGAL



<https://rgmwb.gov.in> G2G and G2C



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

Technology Stack: JAVA, ORACLE, SPRING MVC

### Technology Stack

- ASP.NET
- MS SQL SERVER

### HIGHLIGHTS

- Portal is operational since 01.12.2018 for registration of marriages under Special Marriage Acts of 1954 and Hindu Marriage Act 1955
- Govt. of West Bengal has made this mode of marriage registration mandatory through online portal on and from 01.06.2019
- Bigamy, Polygamy and child marriages have been intercepted successfully
- Through capturing of biometric details through the portal, administration can now identify properly the parties and the witnesses of the respective registration.

Achievement: SKOCH SILVER AWARD FOR Egovernance 2024

Statistics: FY 25-26 (upto 31/08/2025): Marriage Certificates Delivered: 114454, Revenue : ₹ 1811 Cr

### HIGHLIGHTS

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

End-to-end ICT solution for transparent, efficient, easily accessible services to the citizens for good governance covering all business functionalities under West Bengal State Tax, Value Added Tax, Central Sales Tax, Entry Tax, Goods & Service Tax

Achievement: Migration from Oracle to PostgreSQL underway

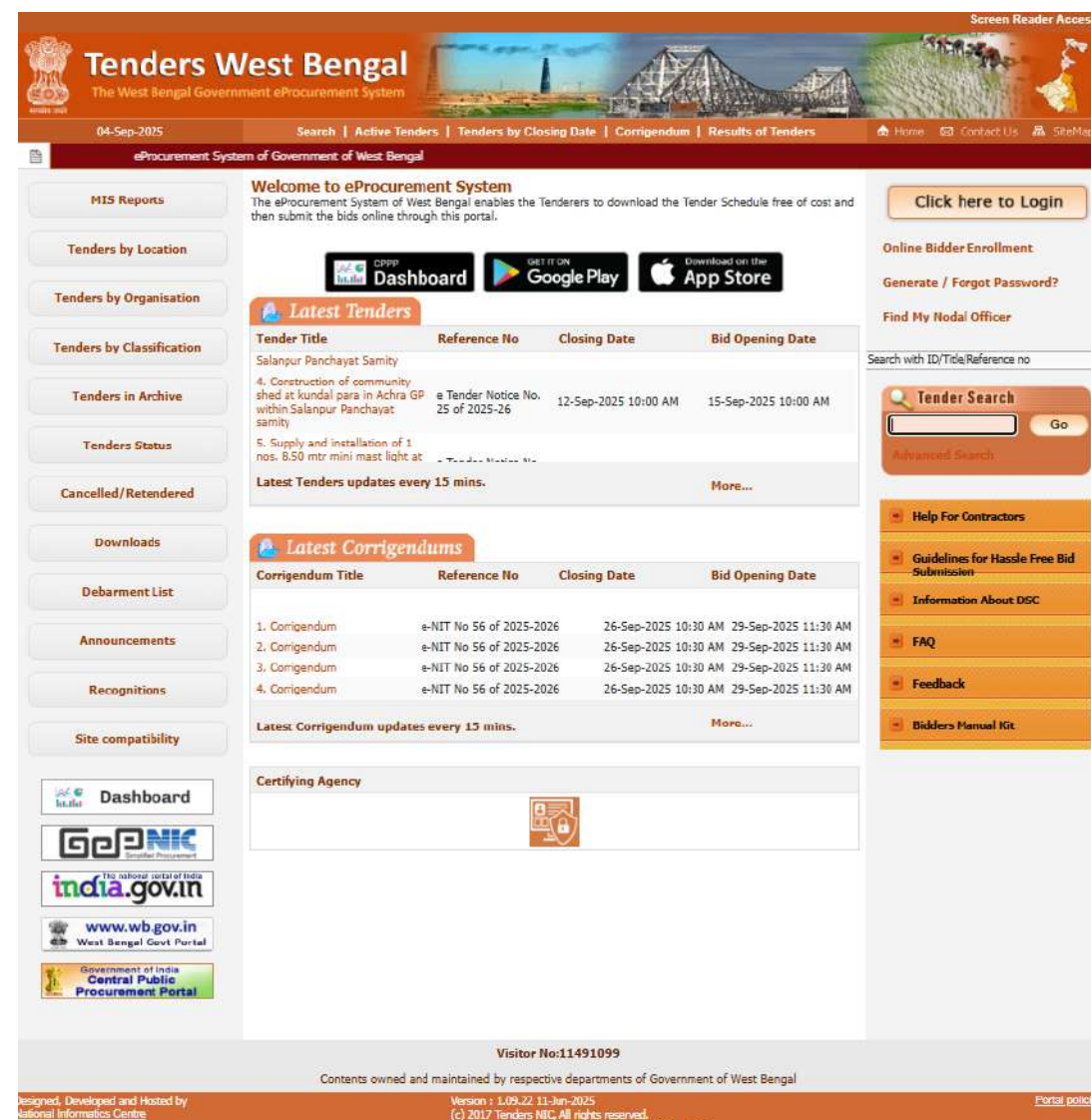
Statistics: FY 25-26 (upto 31/08/2025): eFiling of Return (VAT, CST, WBST, Sales Tax Deducted at Source-STDS): 1.16L, Forms uploaded from outside states: 7.65L, Statutory Forms (C, F, EI, EII, F) generated: 41.85L



## GePNIC IN WEST BENGAL

<https://wbtenders.gov.in>

G2G and G2C



**Tenders West Bengal**  
The West Bengal Government eProcurement System

04-Sep-2025 | Search | Active Tenders | Tenders by Closing Date | Corrigendum | Results of Tenders

Welcome to eProcurement System  
The eProcurement System of West Bengal enables the Tenderers to download the Tender Schedule free of cost and then submit the bids online through this portal.

**Latest Tenders**

| Tender Title                                                                                  | Reference No                      | Closing Date         | Bid Opening Date     |
|-----------------------------------------------------------------------------------------------|-----------------------------------|----------------------|----------------------|
| Salanpur Panchayat Samity                                                                     |                                   |                      |                      |
| 4. Construction of community shed at kundal para in Achra GP within Salanpur Panchayat samity | e Tender Notice No. 25 of 2025-26 | 12-Sep-2025 10:00 AM | 15-Sep-2025 10:00 AM |
| 5. Supply and installation of 1 nos. 8.50 mtr mini mast light at                              |                                   |                      |                      |

Latest Tenders updates every 15 mins.

**Latest Corrigendums**

| Corrigendum Title | Reference No             | Closing Date         | Bid Opening Date     |
|-------------------|--------------------------|----------------------|----------------------|
| 1. Corrigendum    | e-NIT No 56 of 2025-2026 | 26-Sep-2025 10:30 AM | 29-Sep-2025 11:30 AM |
| 2. Corrigendum    | e-NIT No 56 of 2025-2026 | 26-Sep-2025 10:30 AM | 29-Sep-2025 11:30 AM |
| 3. Corrigendum    | e-NIT No 56 of 2025-2026 | 26-Sep-2025 10:30 AM | 29-Sep-2025 11:30 AM |
| 4. Corrigendum    | e-NIT No 56 of 2025-2026 | 26-Sep-2025 10:30 AM | 29-Sep-2025 11:30 AM |

Latest Corrigendum updates every 15 mins.

GePNIC  
india.gov.in  
www.wb.gov.in  
West Bengal Govt Portal  
Government of India  
Central Public Procurement Portal

Visitor No:11491099

Contents owned and maintained by respective departments of Government of West Bengal

Designed, Developed and Hosted by National Informatics Centre

Version : 1.09.22 11-Jun-2025  
(c) 2017 Tenders NIC All rights reserved.

## Technology Stack:



During August 2025

#Value  
₹ 341285.33  
Lakhs#Tenders  
24059

Cumulative Since Inception

Active registered Organizations  
8936

## HIGHLIGHTS

Government of West Bengal is using NIC's 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, there is an exponential increase in numbers of tenders floated per month. This was a result of the State Govt's decision to extend electronic tendering feature to all Zilla Parishads. Despite all odds, wbtenders has been handled efficiently by the GePNIC team so that the decision of GoWB could be honoured

## Statistics:

Number of Tenders Floated: 19.31L

Value of Tenders Floated: 7,12,80,259 (₹ in Lakhs)

Number of Auctions Floated: Single Lot: 3547, Multi Lot: 253

Value of Auctions Floated (₹ In Lakhs): Single Lot: 269261, Multi Lot: 22025

5 Training Programs were held in the month of August 2025 with 95 participants on WB GePNIC Software, its different modules & workflow, prerequisites and requirements for onboarding, complete eTender process flow and BoQ types



## G2G and G2C



### West Bengal Data Center

URL :<https://statecloud.nic.in>

#### TECHNOLOGY STACK

vCentre, VMware 7.0, vRA7, Commvault, Radware LB, OpenStack Cloud, Pacemaker Cluster, HyperV Failover Cluster

High Availability / Clustering: Pacemaker Cluster, Hyper-V Failover Cluster

App Servers: Apache 2.4.62, IIS 8/10, Nginx 1.25

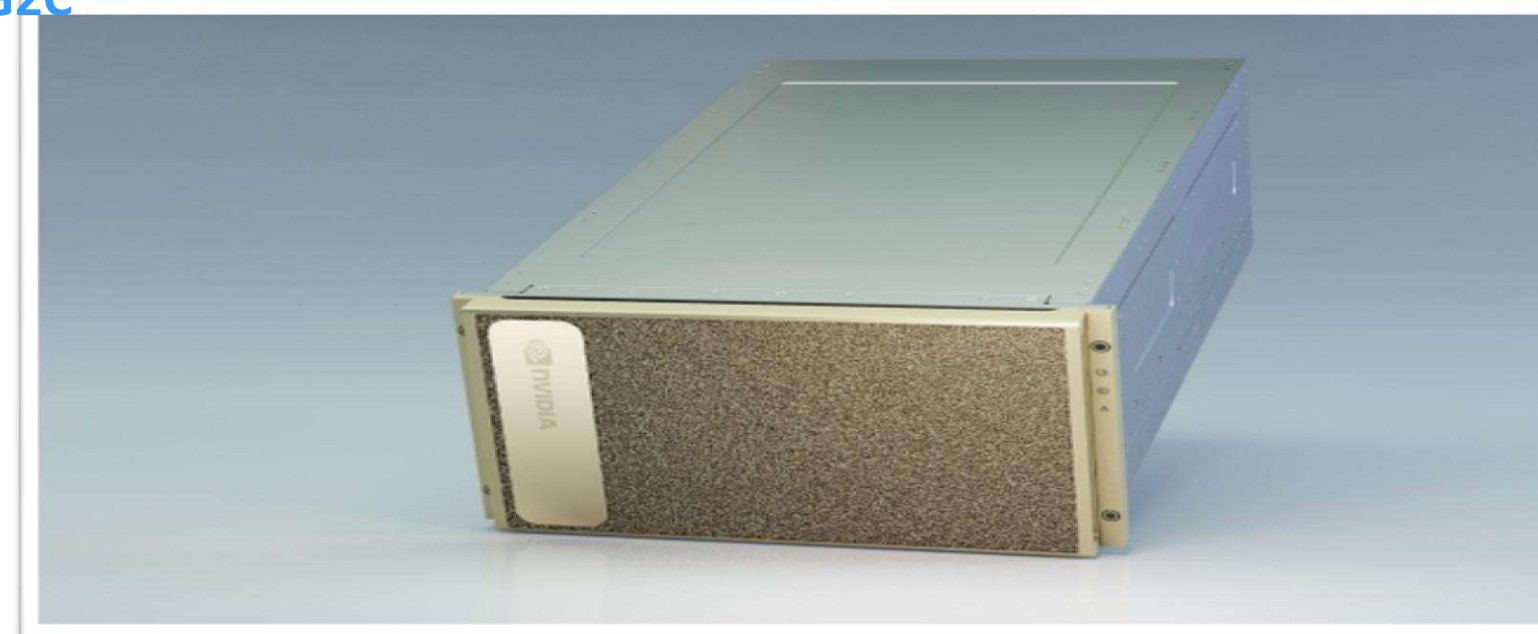
DB Servers: PostgreSQL 12/13/15/16, SQL Server 2008 R2/2012/2019, MariaDB 10.3/10.5/10.11

#### HIGHLIGHTS

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

#### STATISTICS

Total Websites hosted: 46 | Active Websites (still running): 12 | Total VMs provisioned: 410  
Cloud Accounts: 34 | Backup Services: 94 | Public IPs: 70 | Load Balancers: 6



### AI Supercomputing Platform – DGX A100 Integrated

#### TECHNOLOGY 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

#### HIGHLIGHTS

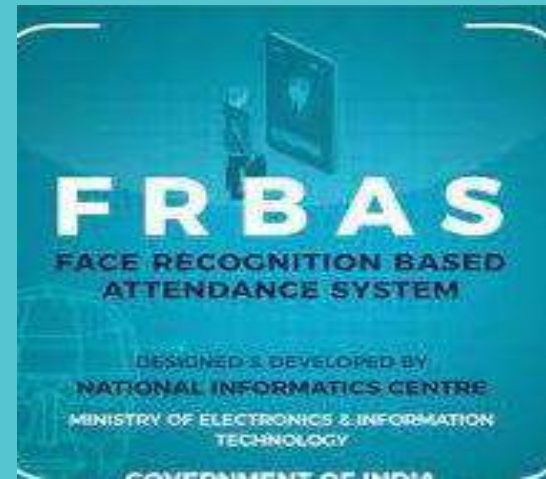
- DGX A100 GPU node deployed at NIC Kolkata Mini Data Centre
- Integrated with Kubernetes for container orchestration
- Part of AI infrastructure stack under Mini-DC deployment
- Supports scalable AI-driven services for government departments
- Provides high-performance computing (HPC) backend
- AI Abhigyan, AI Nibhrit & AI based 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

#### 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



## G2G and G2C



FRBAS - PBSSD  
FRBAS (offline) - Agristack

### Technology Stack : Java, Android, PHP, Postgres, Python, Tensorflow, ONNX, 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 (**6.6 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 Registered**

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

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

 **74.58 lakh API hit Generated for marking Attendance in August, 2025**

## G2G and G2C



### Technology Stack : Java, Android, PHP, Postgres, Python, Tensorflow, ONNX, AI Shirshank

- Facilitates estimation of number of persons present in a photograph using an AI-enabled mobile application in both online and offline mode.
- Being implemented in NREGA Mobile Monitoring System (NMMS) of MoRD.



## G2G

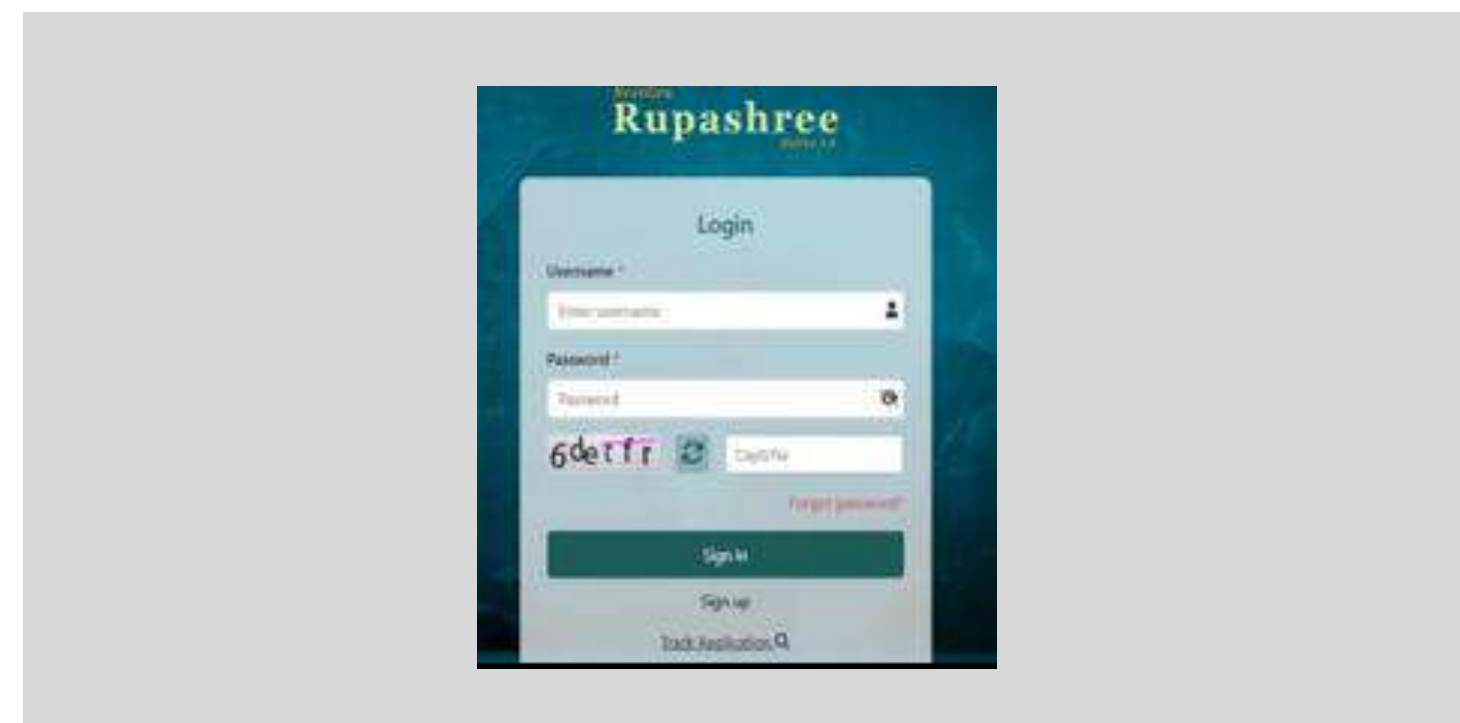


Technology Stack : Alma Linux 8.6(64 bit)/RHEL 9.5, PHP 8.0, Apache 2.4.53,PyTorch Container 22.03, Python 3.10, Docker 26.1.3, Android Oreo (Android 8.0) or higher,  
**AI-enabled Services for NextGen Kanyashree Online 9.0**

- NextGen Kanyashree Online 9.0 has been integrated with various AI/ML API services for following processes :
  - Image based de-duplication (**2.94 Crores API hits** recorded till date)
  - Text based de-duplication
  - AI Abhigyan integration
  - AI Sanlaap (integrated issue resolution system)
  - Automatic Reading of Bank Passbooks

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

## G2G



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

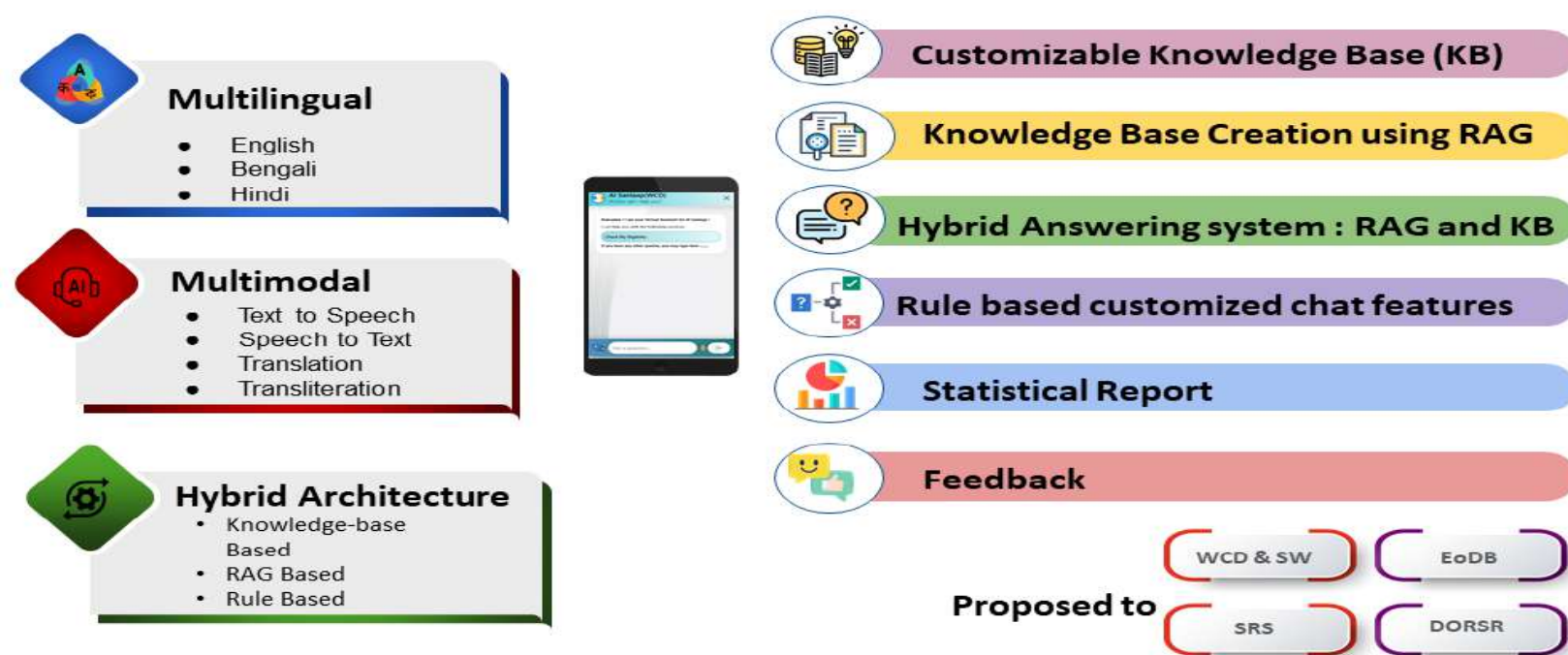
**AI-enabled Services for NextGen Rupashree Online 3.0**

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 (**5.89 Cr API hits** recorded till date)
  - Text based de-duplication
  - AI Abhigyan integration
  - Automatic Reading of Bank Passbooks



## G2G and G2C

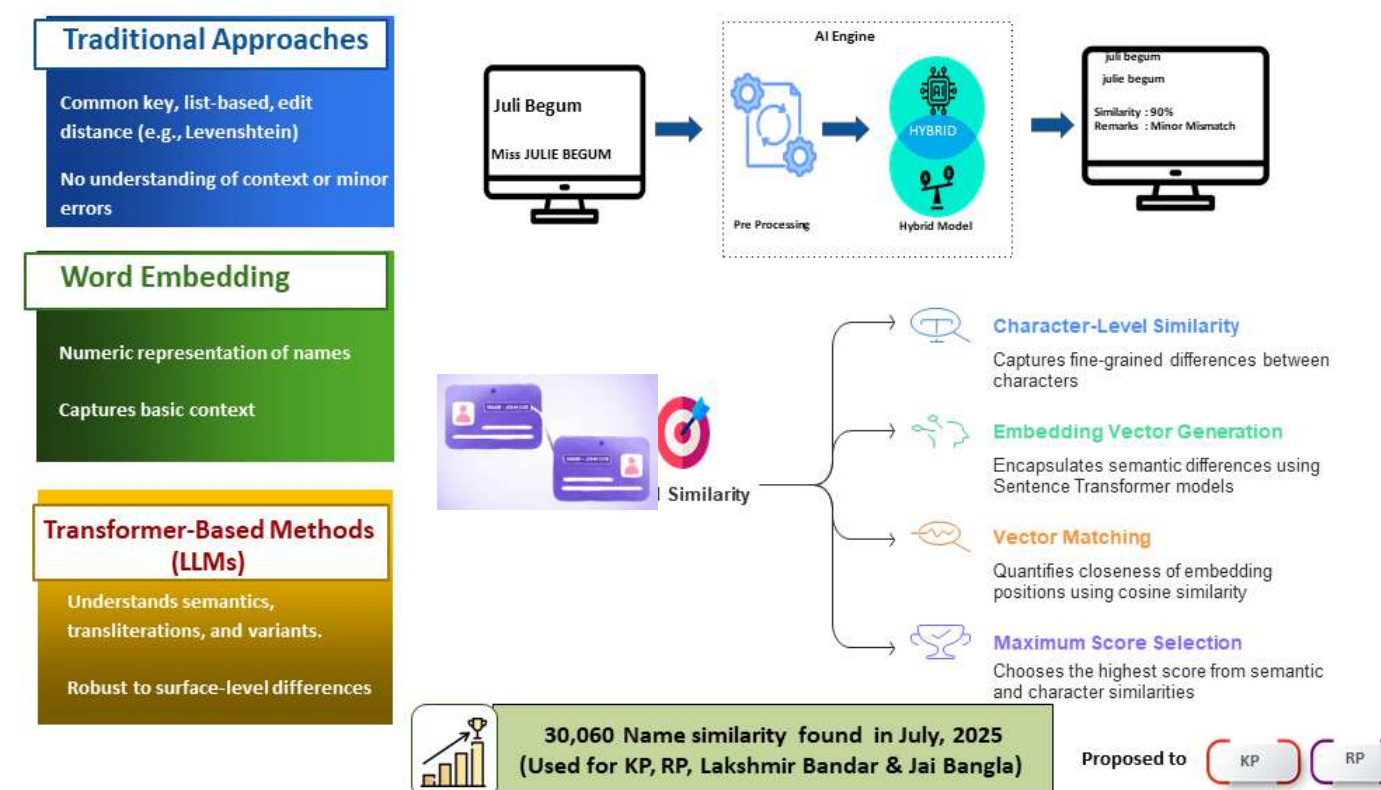


Technology Stack : Python, Milvus Vector DB, allMiniLMv6

## AI Sanlaap : A Multimodal, Multilingual RAG based Chatbot

- An AI-based multilingual, multimodal and conversational and RAG-based chat and voice bot designed to assist citizens and departmental stakeholders.
- Fully customizable and configurable as per user requirements.
- Currently being implemented in Rupashree portal (Dept of WCD, GoWB), Ease of Doing Business Portal (MSME, GoWB), Social Registry (Finance Dept, GoWB) & Integrated issue resolution system.

## G2G



Technology Stack : Python, allMiniLMv6, Levenhstein Distance & Cosine

## AI Anurup : An AI based Name Matching Service

- 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.



## G2G



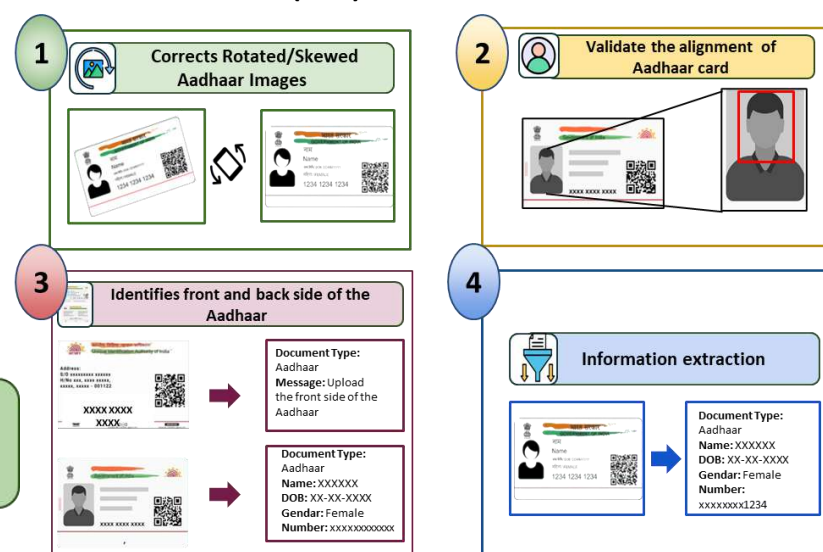
Technology Stack : Python, Ultraletix, Paddle OCR 8, ONNX

## AI Abhigyan : An AI based text extrcation system

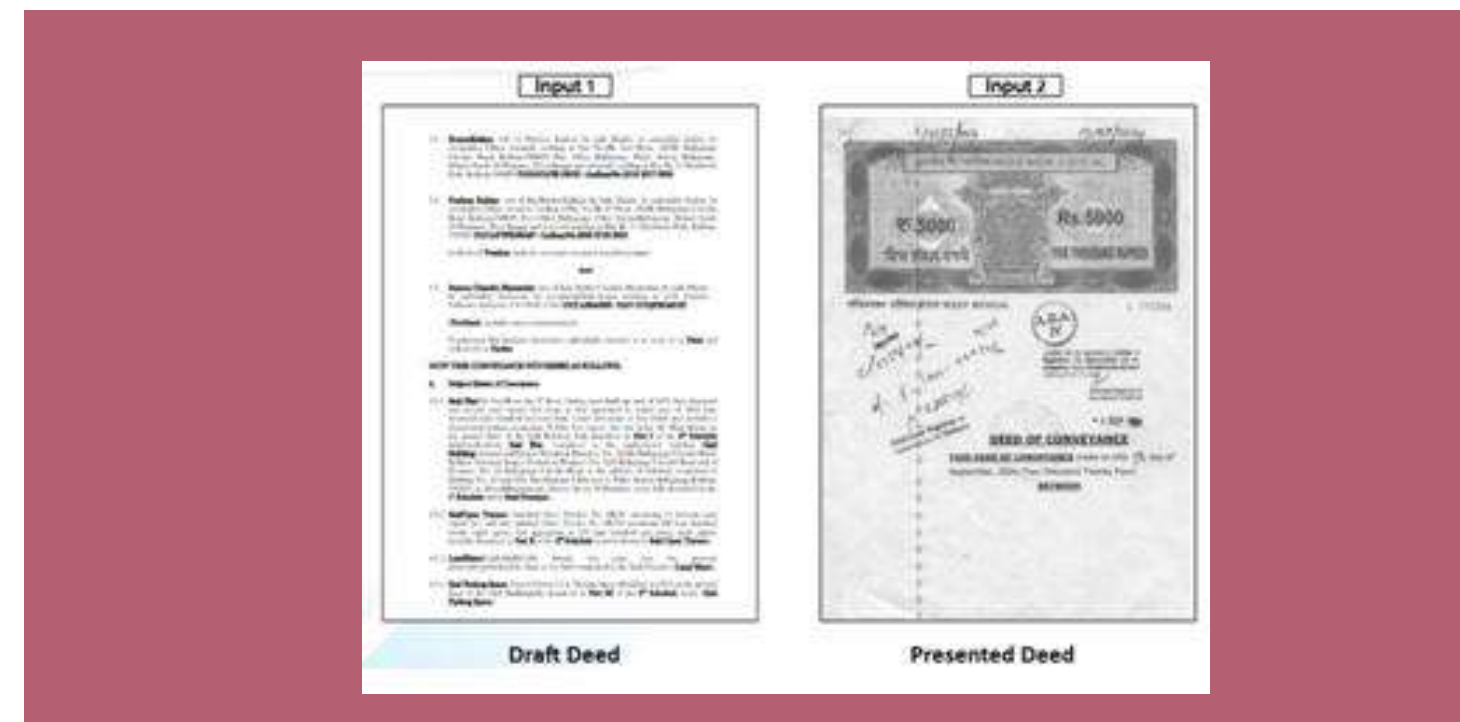
- Enables automatic extraction of Personal Identifiable Information (PII) from Aadhaar Cards and other Identity Cards like PAN, Voter Card, Passport.
- Implemented in NextGen Kanyashree Online 9.0
- Implemented in NextGen Rupashree Online 3.0
- 96.2 lakh API hits recorded in FY 2024-2025.

1.1 Crores API hits has been recorded Since inception

11.06 lakh API hits has been recorded in August, 2025



## G2G



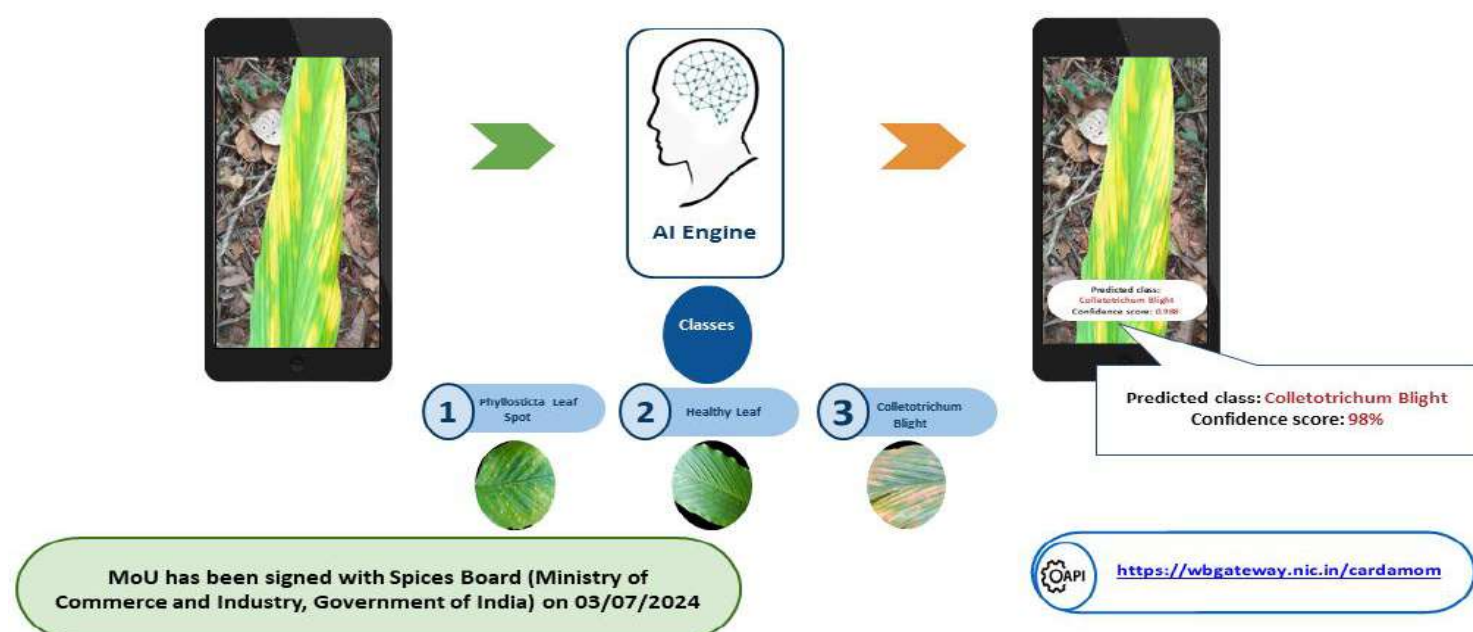
Technology Stack : Python, Langchan, Ollama, Faiss, Tesseract OCR

## AI enabled Services for Property Registration

- 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



## G2G and G2C



Technology Stack : Python, Ultraetix, YoloV8

## AI enabled Cardamom Leaf Disease Detection System

- 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.

## G2G and G2C

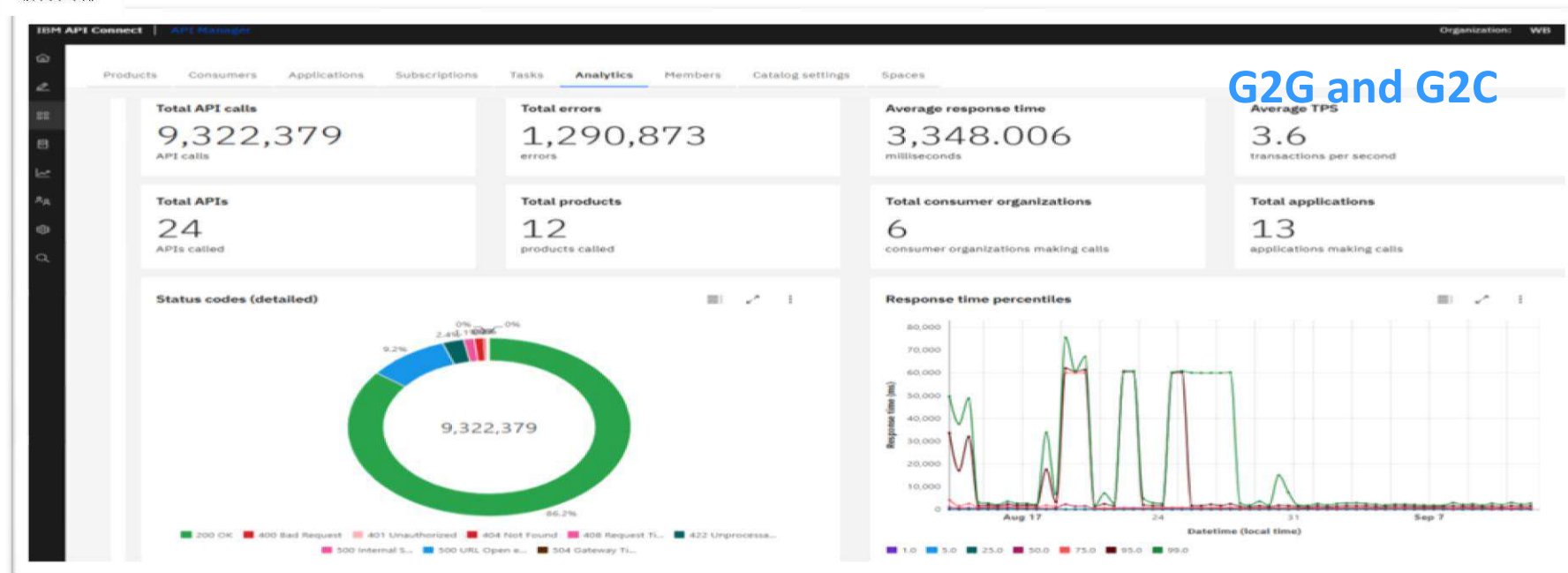


Technology Stack : Python, Kotlin , Huggingface transformer, Fast API

## AI based Crop Image Anti-spoofing System

- 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.





**API Calls Received: 7.26+ Crore since inception.**  
**API calls for the month of August: 1.07 Crores**

## WB NAPIX Gateway & Analytics

URL :<https://wb-gateway.napix.gov.in>

### TECHNOLOGY STACK

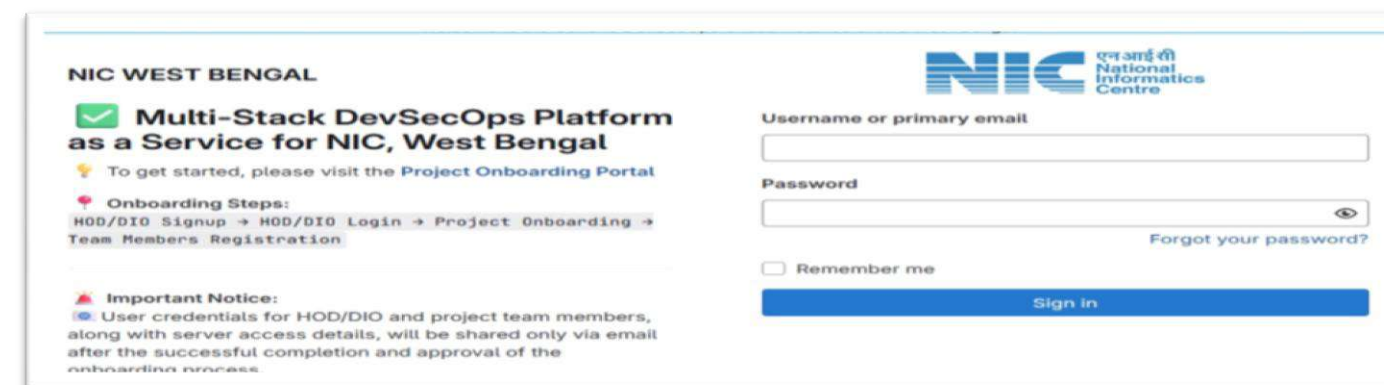
- Radware Active/Active Load balancer
- API Gateway & Infrastructure: WB NAPIX Gateway & Analytics IBM API Connect
- Analytics & Monitoring: Elasticsearch (3-node cluster), Kibana dashboards
- Networking: Public IPs for secure external access
- Integration: Backend SDC systems, NICNET

### HIGHLIGHTS

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

### STATISTICS

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



**NIC WEST BENGAL**

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

To get started, please visit the Project Onboarding Portal

**Onboarding Steps:**  
 HOD/DIO Signup → HOD/DIO Login → Project Onboarding → Team Members Registration

**Important Notice:**  
 User credentials for HOD/DIO and project team members, along with server access details, will be shared only via email after the successful completion and approval of the onboarding process.

Username or primary email:

Password:

☐ Remember me

[Forgot your password?](#)

[Sign in](#)

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

URL :<https://gitlab.wb.nic.in>

### TECHNOLOGY 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

### HIGHLIGHTS

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

### 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.

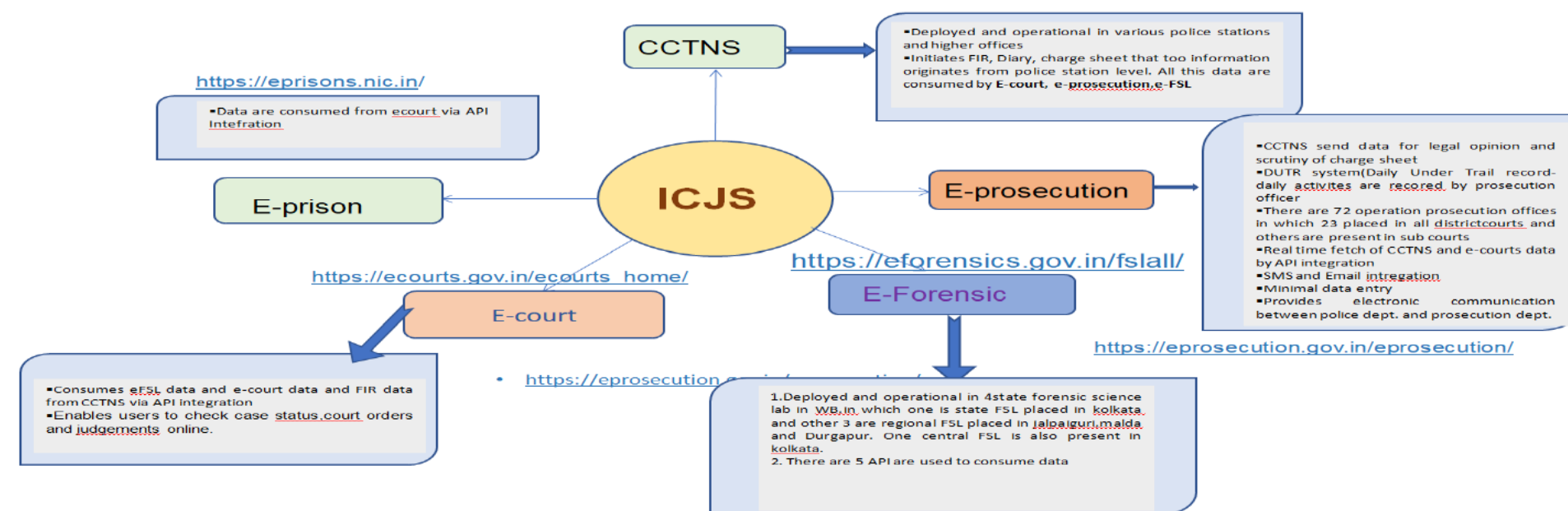




# Central Project



## ICJS(Inter- Operable Criminal Justice system)



## IVFRT Immigration, VISA, Foreigner's Registration and Tracking



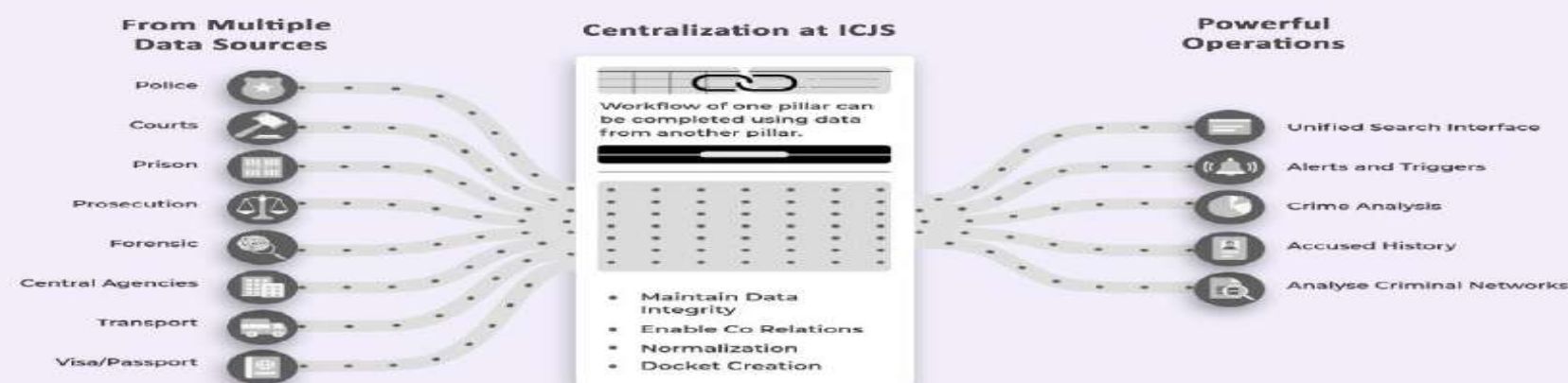
## Objectives

- One Data once entry:** This governs digitization of 'One Data ' once and only new information on that data shall require an entry throughout its life cycle.
- Interoperability among pillars:** Provisioning seamless data exchange mechanism by creating uniform API gateway accessible to all stakeholders.
- Data correctness & completeness:** Data Correctness is validated by data origin points whereas data completion is guaranteed by interlinking the primary identifiers of stakeholders.

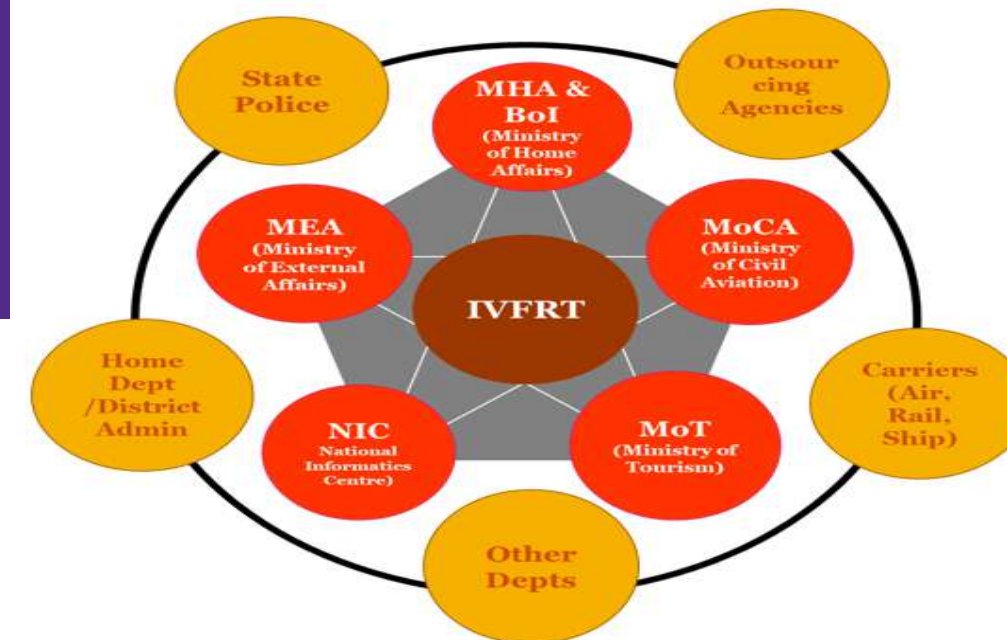
G2G AND G2C



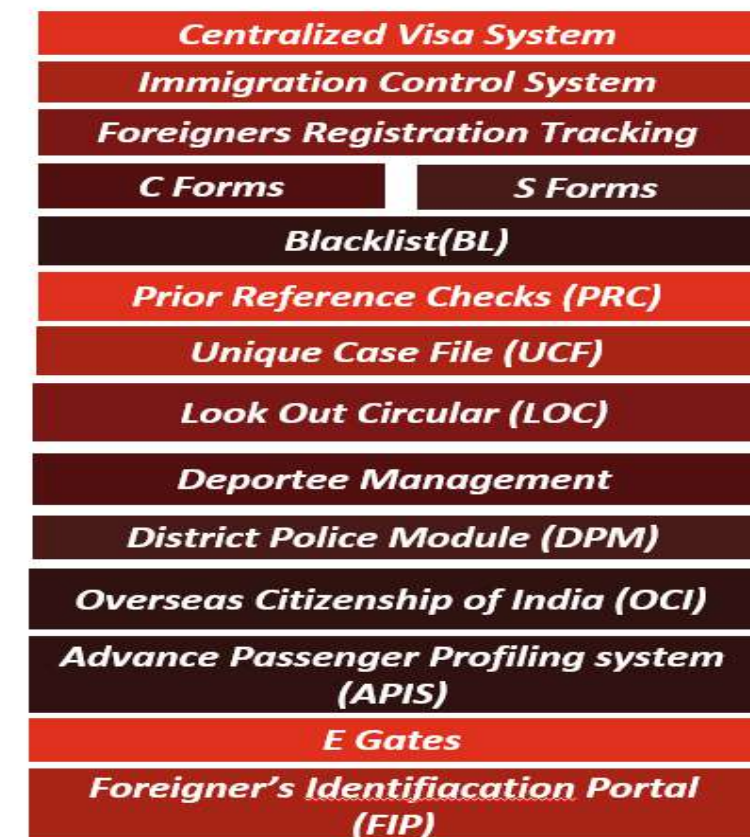
## How ICJS Works



G2G, G2C & G2F



STAKEHOLDERS



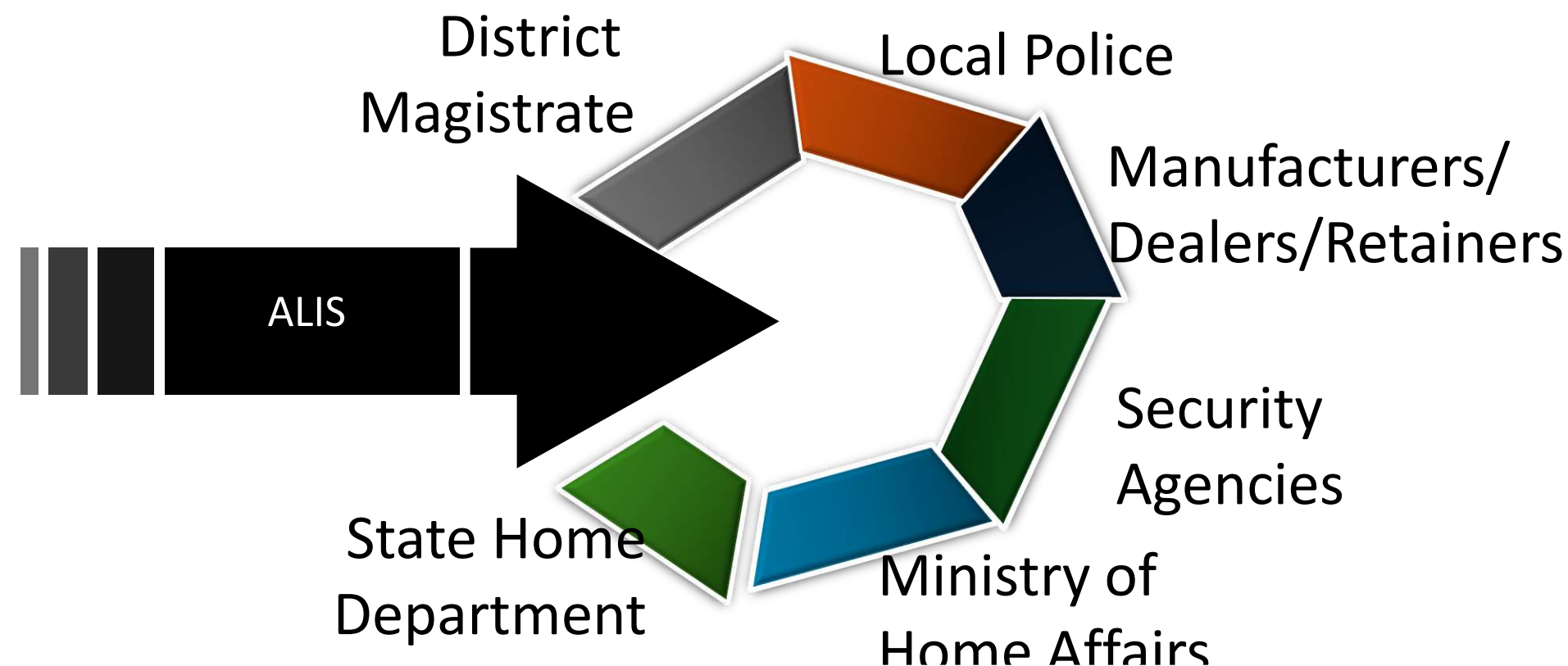
COMPONENTS



## Online Indian Citizenship



## Arms License Issuance System G2G & G2C



## Indian Citizenship G2G & G2C

- 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

HOD-Manoj Kr Biswas, Scientist F , Mb-9434206488  
eMail- [hod.et-wb@nic.in](mailto:hod.et-wb@nic.in)

| 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/REVOCATION OF ARM'S LICENSE |       |                              |       |
| TOTAL APPLICATION                                   | 2930  | TOTAL PROCESSED APPLICATIONS | 2900  |

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## G2B, G2G and G2E



### Enterprise Business Application System (EBAS)

<https://hdceodb.smporkolkata.in>

Technology Stack: Java Applet, PostgreSQL, APISIX, Tomcat, i-net Clear Report

Covers Port Operations & Functional activities

30 Modules with 1500 UI and 3500 reports

MyPort mobile App & email Bulletin services

Running successfully since 2003 at Haldia port

Operated 51K Vessels 190K Rakes, 12 Lac Vehicles.

Managed 7 Lac Consignments & 29 Lac Containers

Generated 50 Lac messages & 92 Lac Tax Invoices.



### Port Operation Management System (POMS)

<https://kdseodb.smporkolkata.in>

Technology Stack: JSF, Java, Oracle, APISIX, Tomcat, i-net Clear Report

Covers Port Operations & Billing activities

30 Modules with 700 UI and 1500 reports

PortSathi mobile App & email Bulletin services

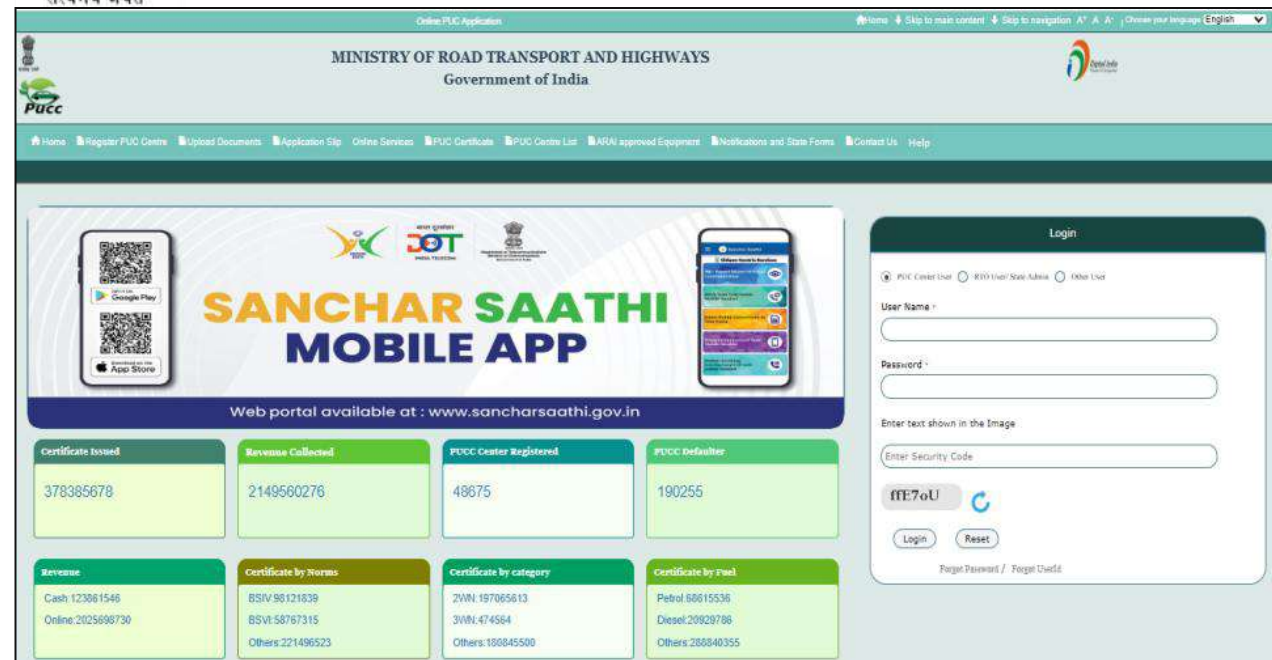
Running successfully since 2010 at Kolkata port

Operated 22K Vessels 49K Rakes, 47 Lac Vehicles.

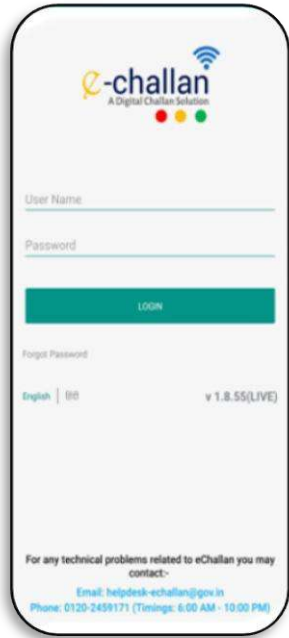
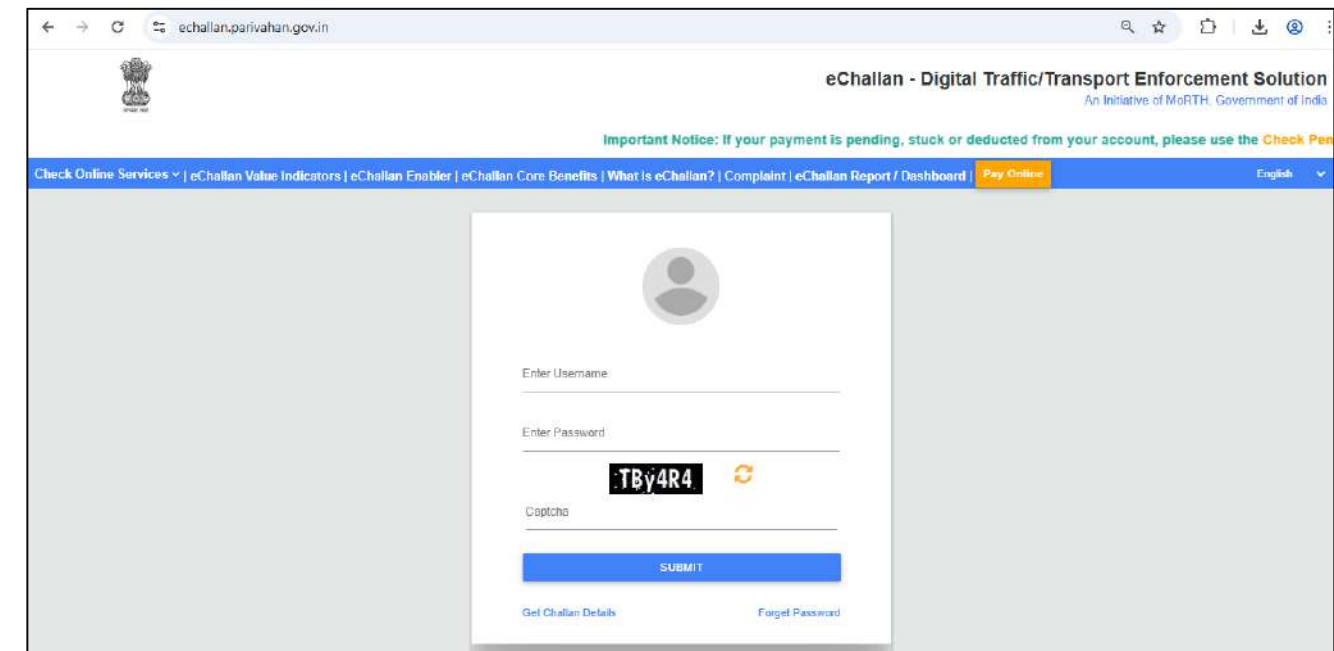
Managed 30 Lac Consignments & 85 Lac Containers

Generated 148 Lac messages & 34 Lac Tax Invoices.





## G2G and G2C



**Technology Stack :** JSF 2.x, UI Library-Primefaces, HTML5, CSS3 and Javascript JDK 17 and Spring boot 3.4.1 Database - PostgreSQL 15.3 Android App: Frontend - Kotlin 1.8 , Java 8 and XML

**Technology Stack :** Frontend - Angular 1.3.15, Bootstrap 5.3.3, jQuery 3.6.0 Backend - PHP 5.6 with Zend 1.0 Framework Database - PostgreSQL 15.3

## Polution Under Control Certificate

**URL :** <https://puc.parivahan.gov.in/puc/>

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

**Achievement:** PUC at present is implemented in **31 States of India**

**Statistics:** Number of PUC issued All India. Cumulative- **37,60,02,570**

Number of PUC issued West Bengal- Cumulative-**2,99,14,111**

## eCHALLAN



**URL:** <https://echallan.parivahan.gov.in>

- 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.

**Achievement:** eChallan is now implemented successfully and running in 31 States of India, and still adding! West Bengal are now under the umbrella of eChallan. Development of new modules and support of existing modules to all the States.

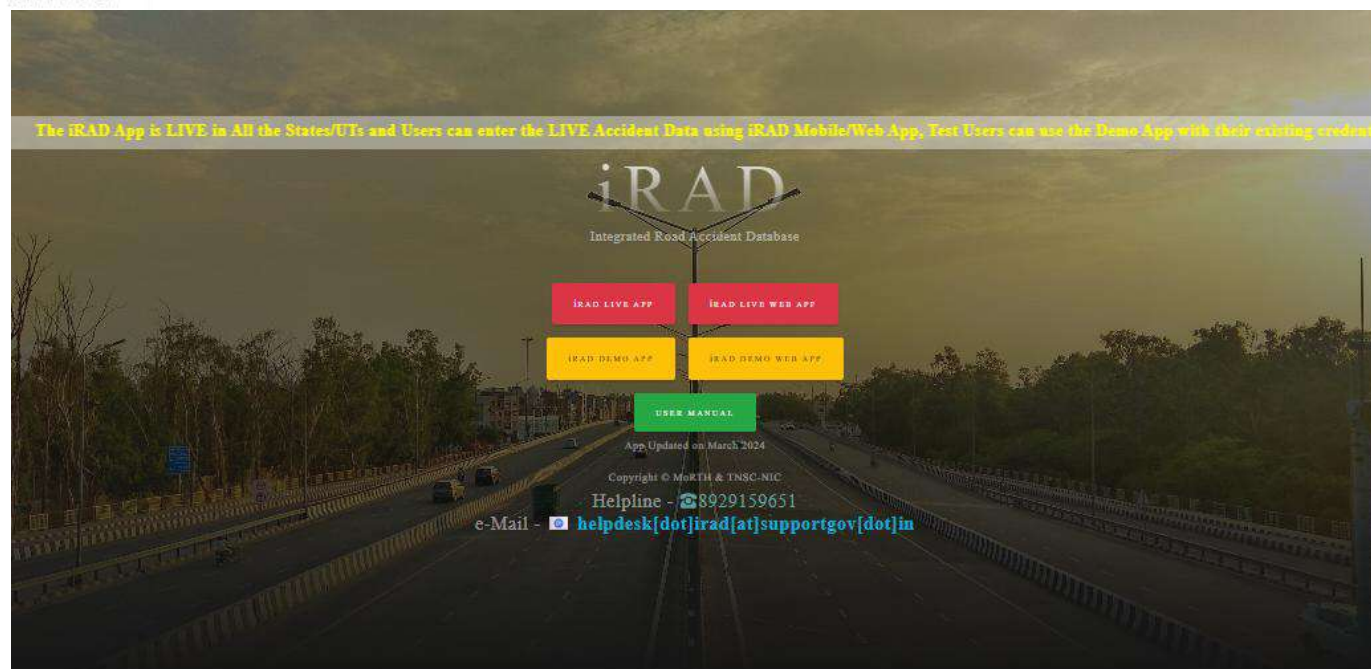
**No of Challan: All India total challan- Cumulative- 30,00,41,263**

**No of Challan West Bengal- Cumulative-85,37,814**





### G2G and G2C



Technology Stack : Centrally Developed

### Integrated Road Accident Database

URL : <https://irad.parivahan.gov.in/>

- 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.

**Achievement: iRAD** Implemented in WB Since 28th November 2022

**Statistics: iRAD-Number of Accidents recorded Cumulative-14,427**



Technology Stack : Centrally Developed

### eDetection

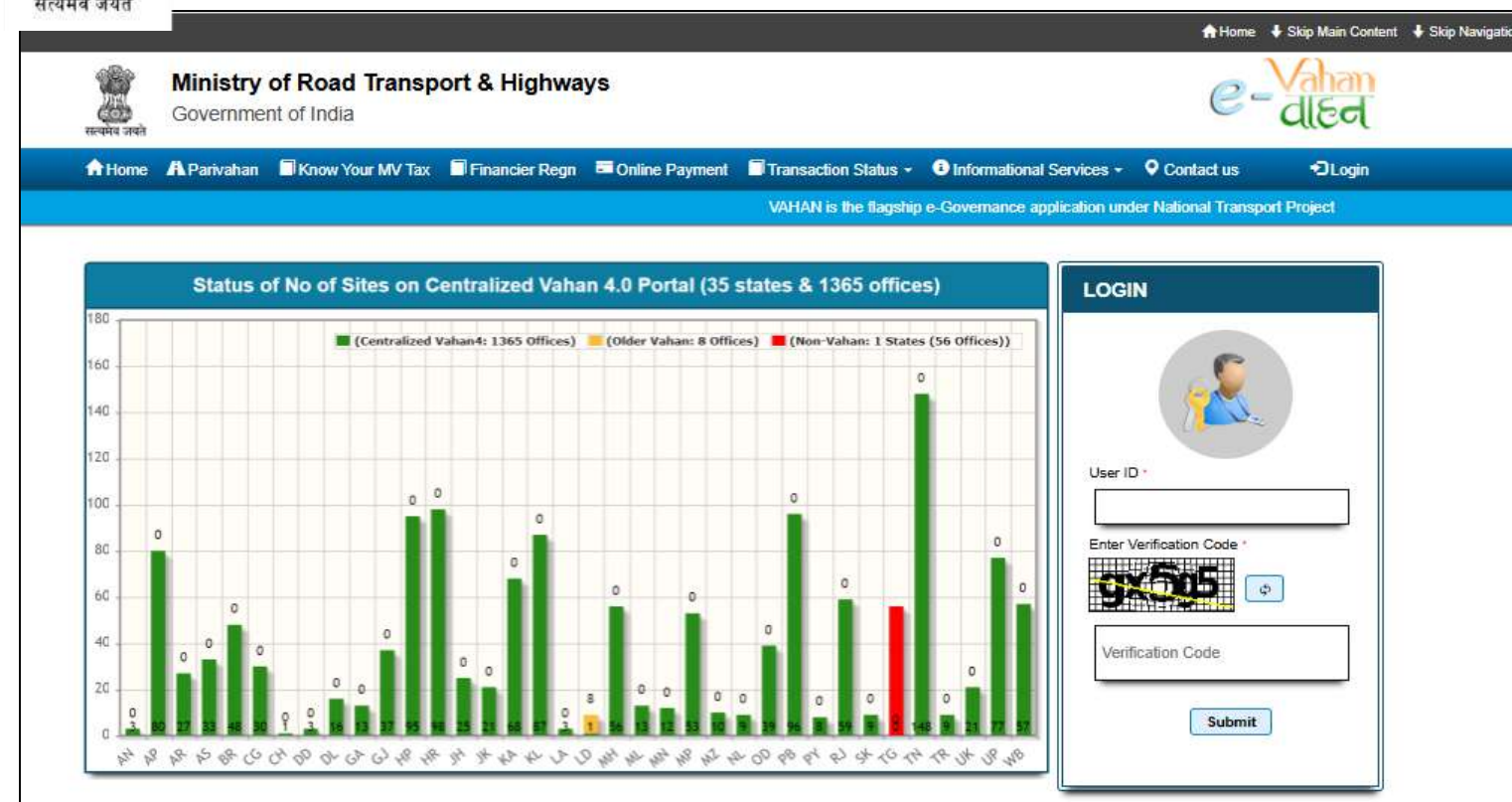
URL : <https://vahan.parivahan.gov.in/eDetection/#/login>

- 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.

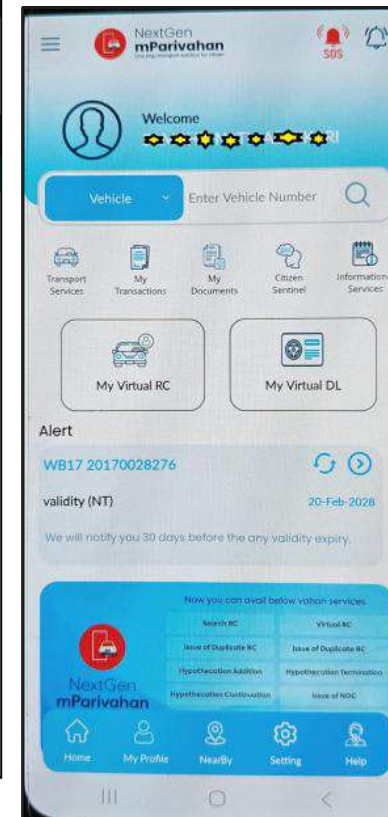
**Achievement: eDetection** Implemented in WB Since June 2025

**Statistics: eDetection -Number of challans Cumulative- 13**





## G2G and G2C



Technology Stack : Centrally Developed

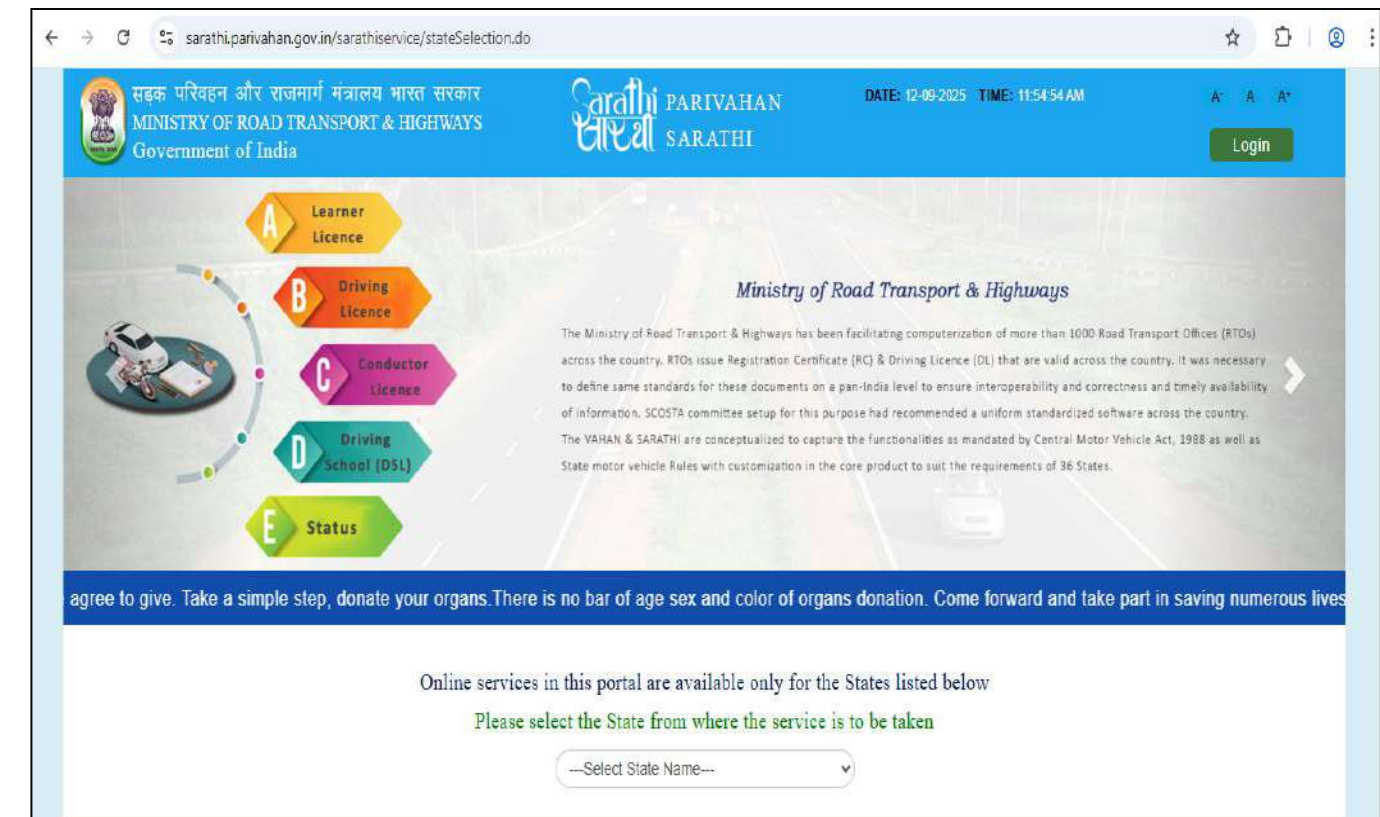
### VAHAN

URL: <https://vahan.parivahan.gov.in/>

- 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.

**Achievement: VAHAN** Implemented in WB Since 28th September '2016

**Statistics: No of Transactions : 12,62,04,158, No of Registration: 1,75,00,918**



Technology Stack : Centrally Developed

### SARATHI

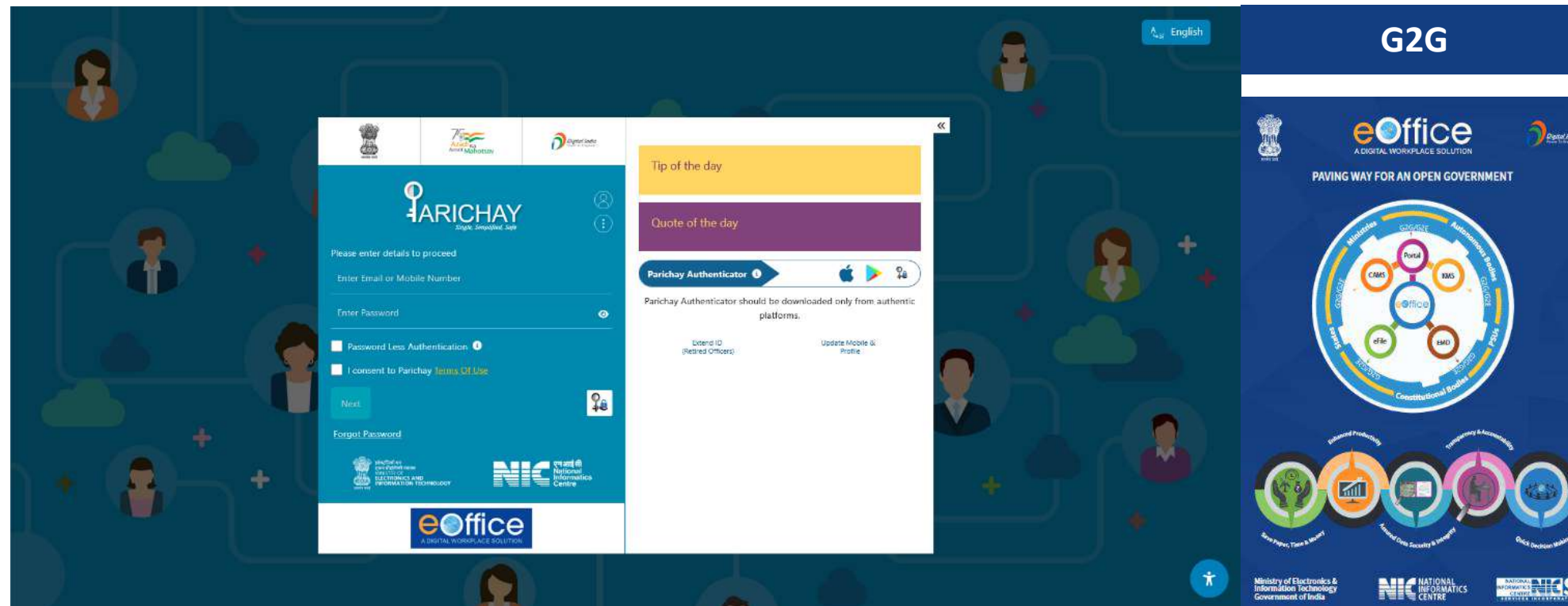
URL: <https://sarathi.parivahan.gov.in/sarathiservice/stateSelectBean.do>

- SARATHI 4.0 is currently providing services throughout 54 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.
- Citizen may submit application and may deposit prescribed fees through online fees payment facility without visiting RTO/ARTO.

**Achievement: SARATHI** Implemented in WB on 23rd April 2018

**No of Transaction: Cumulative : 3,60,54,121, No of License: 98,35,287**



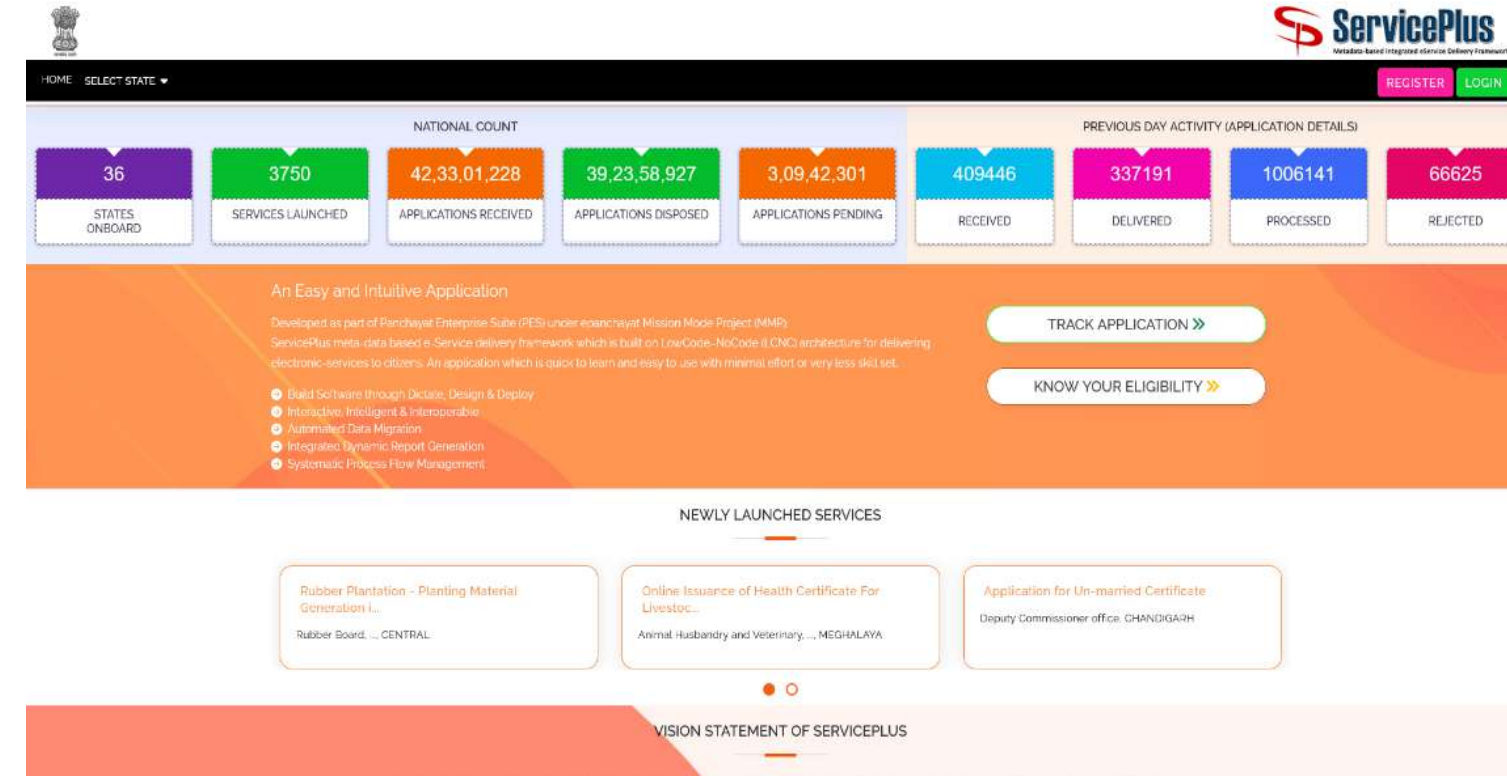


**Technology Stack : Java, PHP PostgreSQL, MongoDB, KAFKA, Redis, ELK**

**eOffice - Government of West Bengal**

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

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



**Technology Stack : Java, PostgreSQL, Java Script**

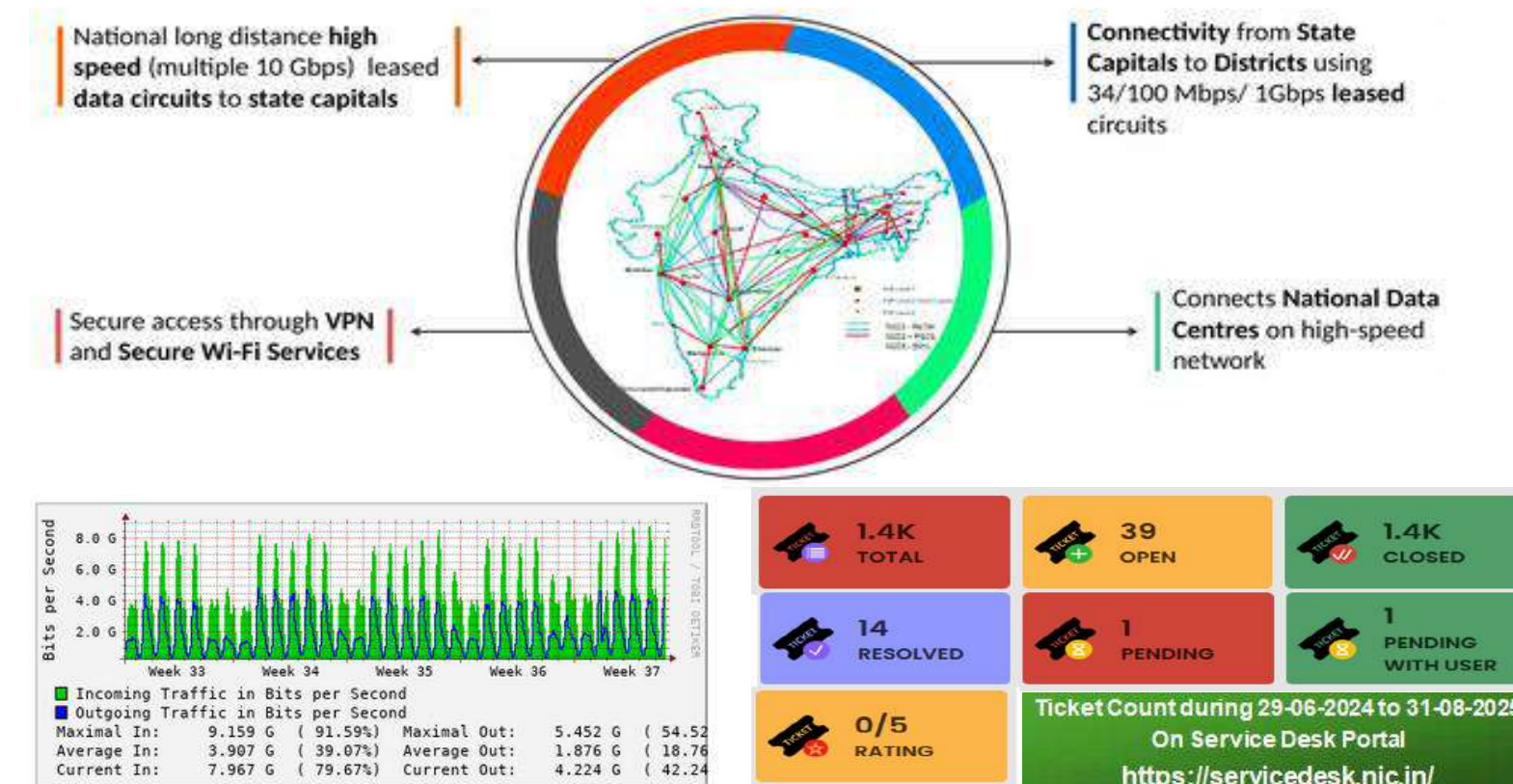
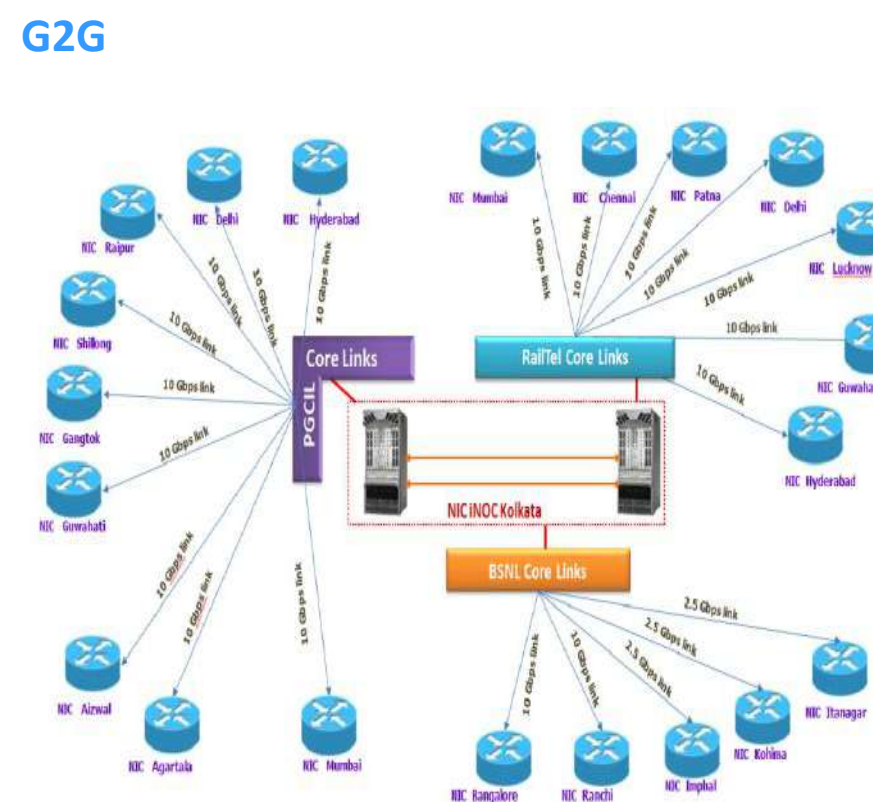
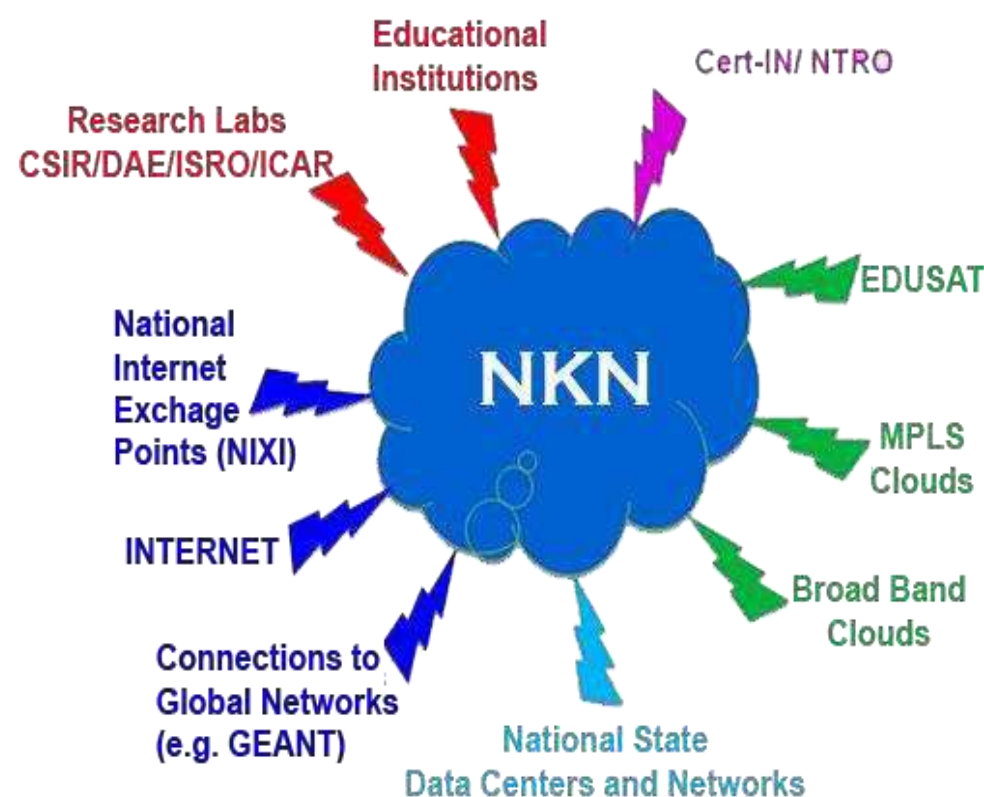
**G2C**

**Service Plus**

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

- Regulatory Approval Services : The services like Issuance of Electricity Permission, festival permission, idol immersion are given to the citizens.
- E-Governance Services : Thirty three (33) 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.
- Twenty two (22) E-governance Services for Govt of West Bengal are currently running online.





## National Knowledge Network (NKN)

URL :<https://nkn.gov.in>

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.

## Major NKN Institute User Count

1. Indian Institute of Technology (IIT), Kharagpur: 12,000+ users
2. All India Institute of Medical Sciences (AIIMS), Kalyani: 3,000+ users
3. All Medical Colleges of West Bengal: 7,000+ users
4. Variable Energy Cyclotron Centre (VECC), Kolkata: 2,500+ users

**Statistics:** 91 NKN & NMEICT Institute

## NICNET

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

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

**Statistics:** 24 district Headquarters , 187 Central & State Govt. offices





URL :<https://reserve.nic.in/>

In August'2025, total 82 No. of VCs has been conducted where 224 sites participated with 284 studio hours.

Out of 82 VCs, we have conducted 32 VCs on Bharat VC platform where 241 participants joined through link.

Additionally, **Prime Minister VC -01**, Election Commission- 05, Chief Secretary & other Secretary -05 No of VCs has been conducted successfully

### District wise VC event Chart::







# District Projects

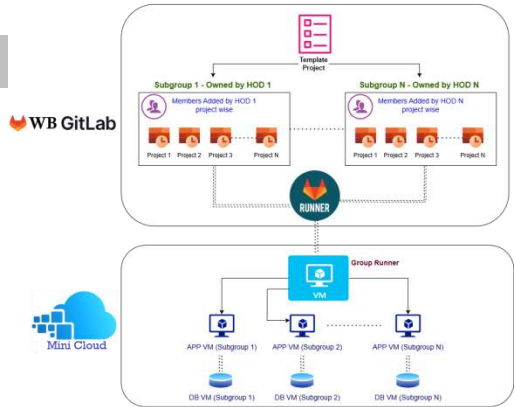


## Kolkata District Portal

Domain Allotted: <https://kolkatacollectorate.gov.in>

### Unified DevSecOps Platform for Secure, Multi-Stack CI/CD Automation:

Built on top of GitLab CE for all NIC WB projects that streamlines development, automated CI/CD across multiple technology stacks with integrated security and compliance, hosted at MiniDC Kolkata.



- Design and Development of Onboarding Portal to provide DevSecOps-as-a-Service
- Developing template-driven pipelines for multiple technology stacks (PHP, Python, React, .NET, Java) supporting both containerized and non-containerized deployments



A workflow-driven supply chain management system for Beverage, Medicinal, and Industrial Alcohol, Life-Saving Narcotic Drugs, enabling end-to-end tracking, automated compliance, and secure digital liquor regulation.

- Design and Development of various modules of eAbkari like License and Supply Chain Modules of Country Liquor and M&TP licenses.
- Implementation of Object Storage in all modules of eAbkari



## Paschim Medinipur District Portal

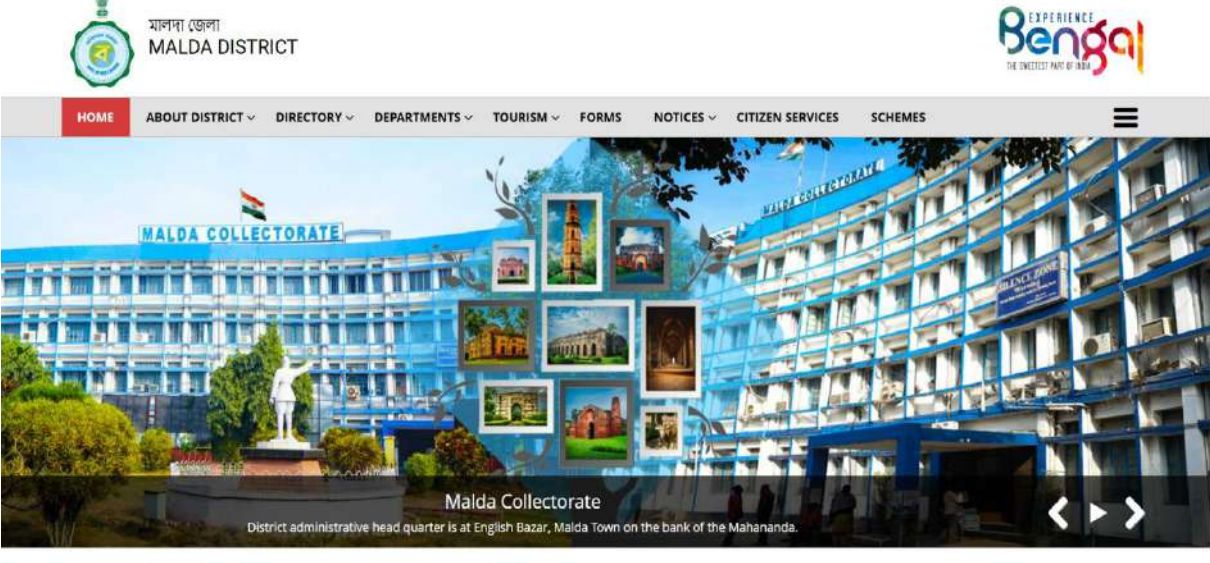
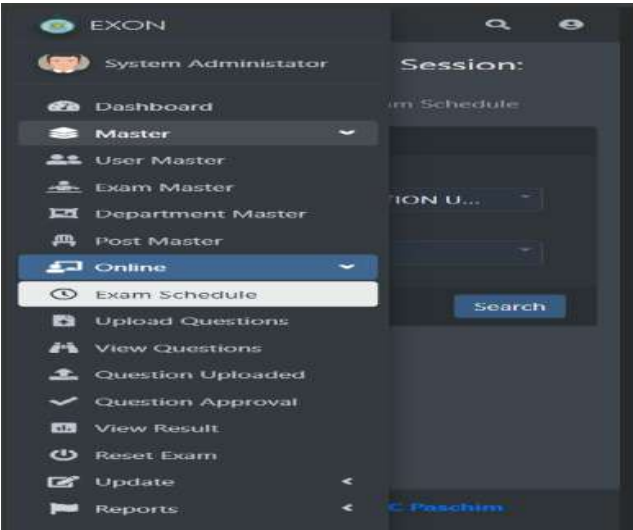
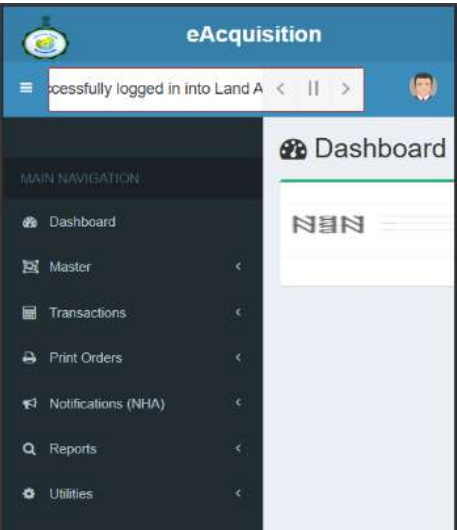
URL: <https://paschimmedinipur.gov.in/>

### NIC District Highlights

- Implementation of all central & state level projects.
- Technical support & solutions for district administration as and when required. Recently giving support for SIR to convert E-Roll 2002 from PDF to EXCEL with the help from AI Lab, Kolkata.

### Achievements : District Level Projects

- LAS: Online Land Acquisition System for NH Project.
- EXON: Online Recruitment Portal to take applications.
- EXONIC: Mobile app to take MCQ and instant score.



## Malda District Portal

URL: <https://malda.gov.in/>

### District Specific Activities

- Official District Website regularly updated (S3WAAS) with added public utility.
- IT support for admin review meetings and Hon'ble CM VC support .
- Technical help for E-Prosecution, Vahan, Sarathi.
- Technical help for APAS.
- Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- IRAD Technical Support for all stake holders.
- Technical support for AASAN integrated Puja Permission Portal.
- NKN Support of FCI Office, Gour Banga University and Malda Medical College.

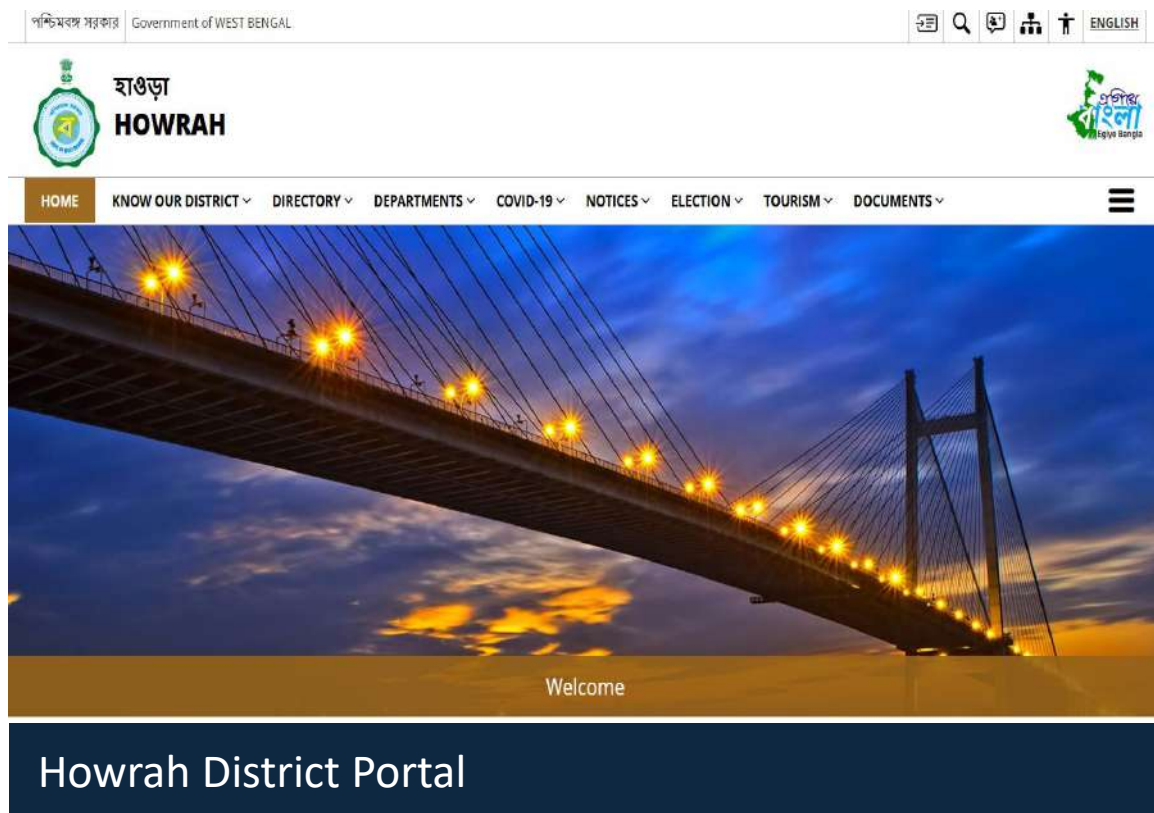
### Contribution to State Projects

- IFMS
- WBJIT





## District Projects



Howrah District Portal

URL: <https://howrah.gov.in/>

### **District Specific Activities**

- ❖ Official District Website regularly updated(S3WAAS).
- ❖ Regular participation in meetings related to IT consulting
- ❖ Active participation in various election related works.
- ❖ Conducted a State-level VC session on NIC Parichay SSO
- ❖ Engaged college interns for district-level project development.
- ❖ Regular support to the project like E-office, Email, NICNET, VC, IRAD and ICJS etc.

### **Contribution to State Projects**

- ❖ IFMS
- ❖ Land Records

### **Summary**

- Providing complete ICT support and technical assistance to the District Magistrate and administration.
- Active participation in district-level as well as state-level



Hooghly District Portal

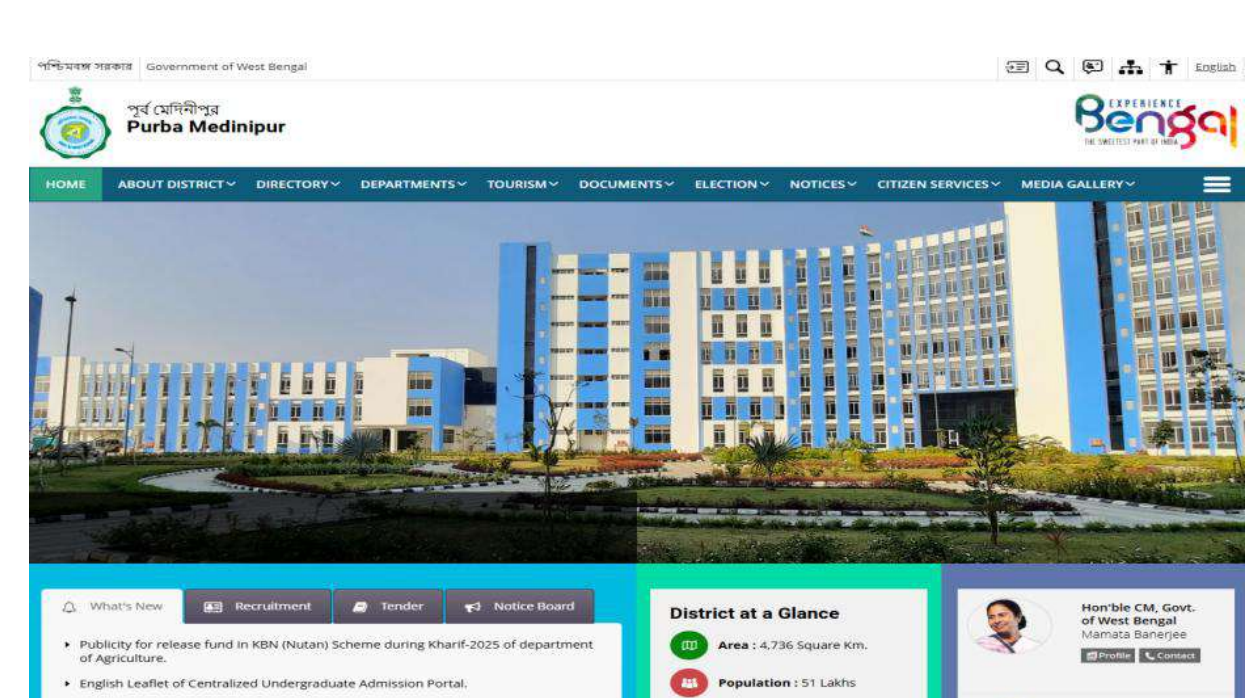
URL: <https://hooghly.nic.in/>

### **Highlights**

- ❖ Regular update of district website as per district administration need.
- ❖ Regular participation in meeting related to IT consulting.
- ❖ Technical support: AASAN integrated pujo permission portal
- ❖ Support for Monitoring flagship schemes: Jai Bangla, Lakshmir Bhandar, Kanyashree, Duare Sarkar, APAS
- ❖ Election & recruitment ICT support using GROAPS Generic Receival of Online Applications and Processing System
- ❖ GEM, e-Prosecution, eVahan, IRAD, OSCAR, e-Tendering, e-Auction, Email, e-Office, Service Plus & VC support
- ❖ Active participation in state projects: IFMS , CMRTS Child Marriage Reporting and Tracking System

### **Achievements**

- All departments successfully using e-Office



Purba Medinipur District Portal

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

### **District Specific Activities**

- ICT advisory, lifecycle management & hardware support
- District project planning, design, development & testing
- Providing e-Governance services, training & workshops
- Technical support: e-Office, S3WAAS, Service Plus
- Support for GEM, e-Prosecution, eVahan, Sarathi, NDAL, IRAD, OSCAR
- Monitoring flagship schemes: Jai Bangla, Lakshmir Bhandar, Kanyashree, Duare Sarkar, APAS
- Election & recruitment ICT support
- e-Tendering, e-Auction, field inspection apps
- Email services & regular VC support

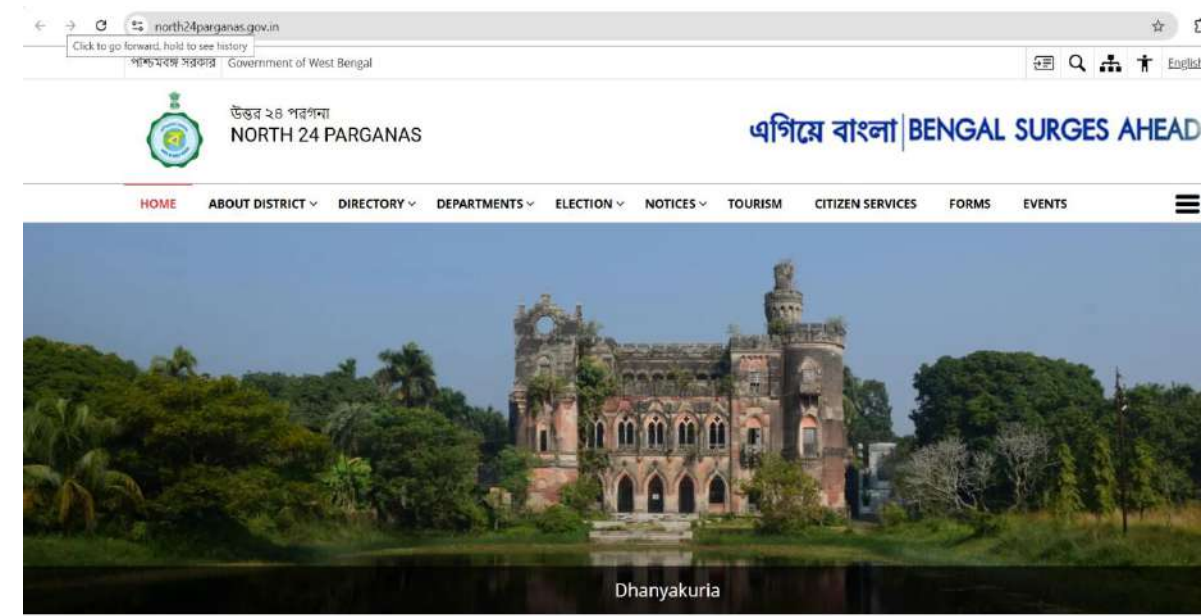
### **Achievements**

- Festival permission through Service Plus provided to 2000 clubs in the district
- All departments successfully using e-Office
- Active participation in state projects: IFMS e-pension , EES





# District Projects



## North 24 Parganas

URL: <https://north24parganas.gov.in/>

- PMO Office setup
  - President’s visit to Dakshineswar and PM Visit in Metro Station inauguration
- District Level Committee Member
  - CAA Verification and technical consultancy in Recruitment at various level in District
- Operation and Maintenance of District Network infrastructure
  - 400+ Active users
  - 25 Managed switches
- Technical consultation in IT Projects
  - Recruitment of Library, DSWO, Kanyasree
  - Police Verification system
  - Field inspection App,ASAN Portal,IRAD,eProsecution,eOffice
- Video conferencing
  - Central Level VC.Election VC and CIC
- Provide training to District Officers on Cyber security best practices



## Purba Bardhaman District Portal

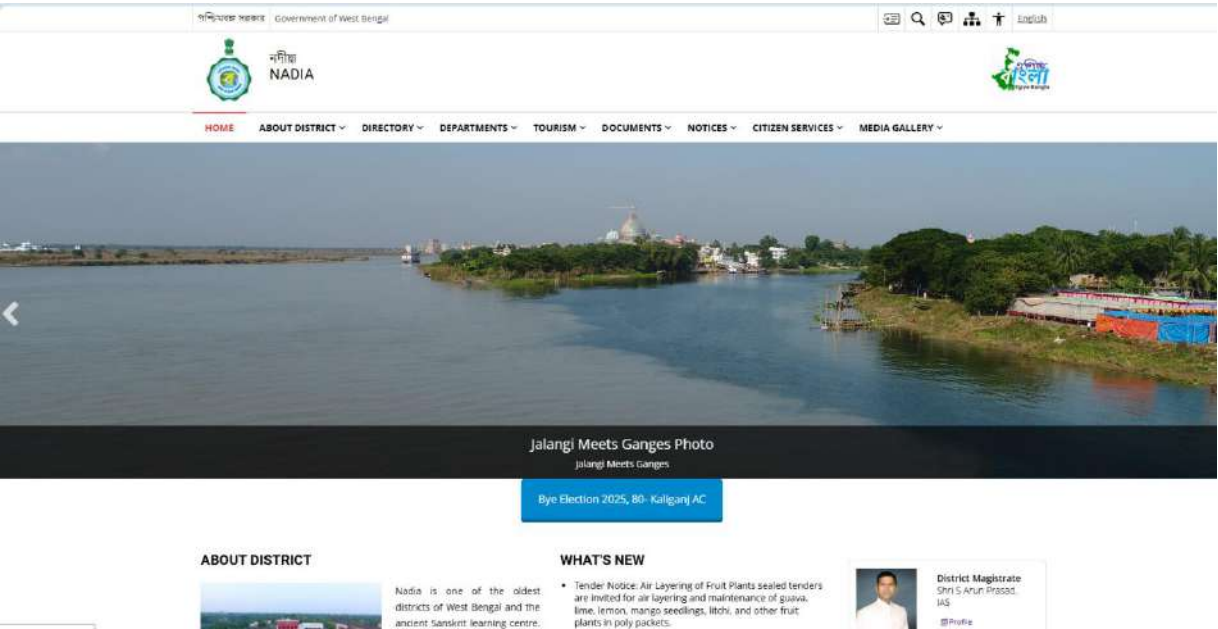
URL: <https://purbabardhaman.nic.in/>

### District Specific Activities

- ❖ Official District Website updation (S3WAAS).
- ❖ Complete ICT support to district administration.
- ❖ Active participation in various election related works.
- ❖ To deal with technical part of the recruitment process.
- ❖ E-office, Email, IRAD Training and other
- ❖ Coordination with members of Citizenship Amendment Act (CAA).
- ❖ VC Support, NICNET Support.

### Special Event:

West Bengal CM Mamata Banerjee during the foundation stone laying event of several government projects, in Purba Bardhaman, Tuesday, August. 26, 2025.



## Nadia District Portal

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

### District Specific Activities

- ❖ Official District Website regularly updated(S3WAAS).
- ❖ Regular participation in meetings related to IT consulting
- ❖ Active participation in various election related works.
- ❖ Attended PHP Laravel framework training.
- ❖ Participated in various district-level recruitment processes as a member of the district selection committee.
- ❖ Participation in the CAA District Level Committee meeting
- ❖ Regular support to the project like E-office, Email, NICNET, VC, IRAD and ICJS etc.

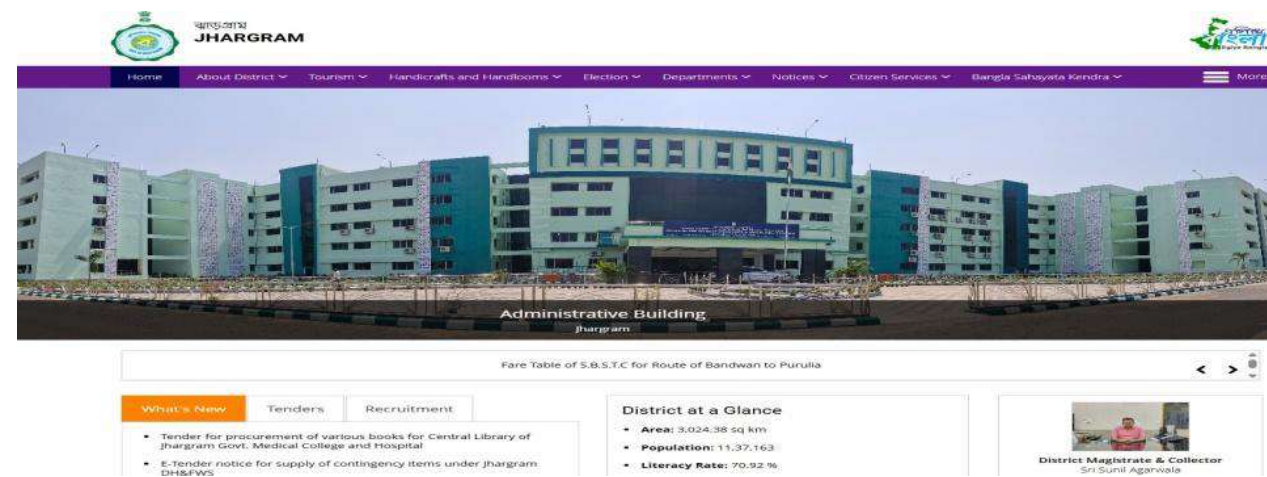
### Summary

- Providing complete ICT support and technical assistance to the District Magistrate and administration.





# District Projects



## Jhargram District Portal

URL: <https://jhargram.gov.in>

### Highlights

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

### Training

- Training provided to Kolkata district administration for S3WAAS based district website design and development.
- Training in various election related activities.



## Murshidabad District Portal

URL: <https://murshidabad.gov.in/>

### District Specific Activities

- Maintenance of Official District Website regularly (S3WAAS) platform
- VC Support of NIC, CIC,State and District level meeting.
- IRAD Technical Support and training to concern official.
- .Technical support for E-Prosecution, E transport project.
- Technical help for field inspection app.
- Email Create/Update Technical Support.
- NKN Support of MMCH and Government College of Engineering & Textile Technology.
- Technical support for AASAN integrated Puja Permission Portal.
- It support of Circuit House.
- Technical support for Amader Para Amader Samadhan
- Member of District level CAA committee for Document verification of CAA cases.
- Technical support for GEM and E tender project.



## Birbhum

URL: <https://birbhum.gov.in/>

### District Specific Activities:

- Official District Website regularly updated (S3WAAS).
- E-office active in all section of district administration with ongoing support.
- Provided consultancy & ICT Support to district Administration.
- Support for flagship schemes:
- Email Create/Update Technical Support.
- iRAD Technical Support.
- VC Support.
- NICNET Support.
- Election Related Activities as per direction of Election Commission.
- Management and monitoring of Birbhum Tourism Website.





# District Projects



Notification

Recruitment

Tender

District At a Glance

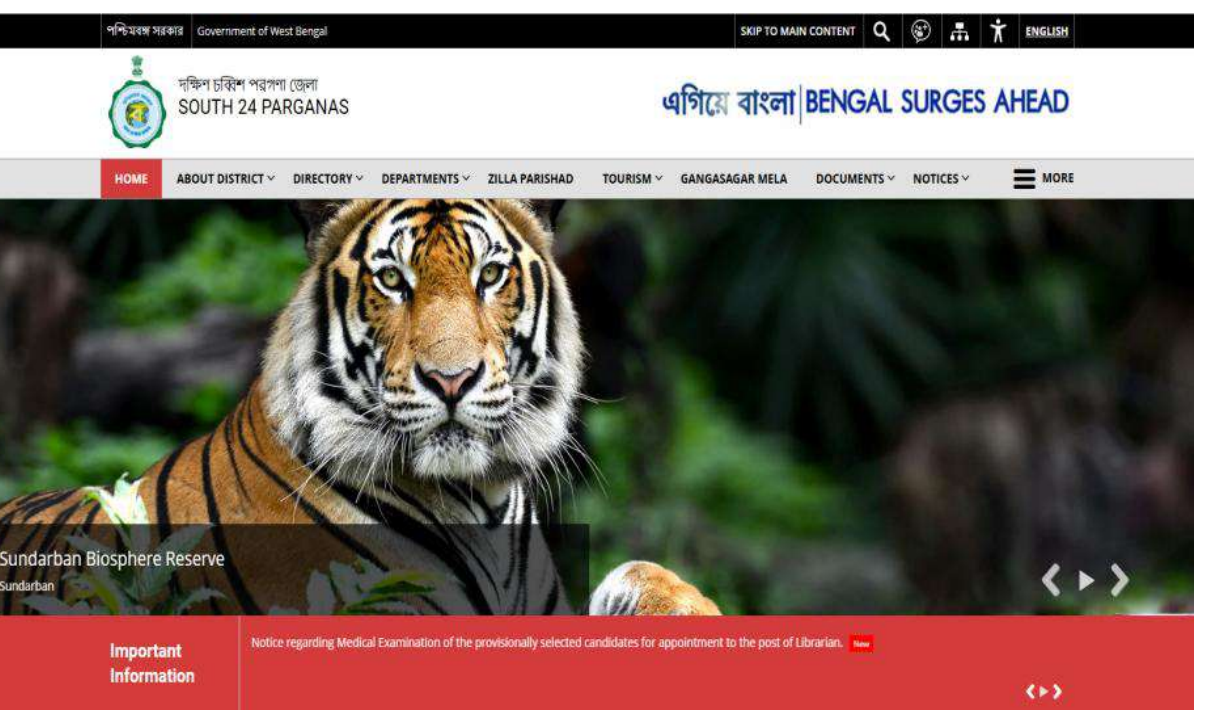
Dakshin Dinajpur District Portal

- URL: <https://ddinajpur.nic.in/>
- Highlights**
- ❖ ICT advisory and capacity building to district administration for adopting cloud based open IT tools
  - ❖ Technical support: e-Office, S3WAAS, GeM, NICNET
  - ❖ Support for e-Prosecution, eVahan, Sarathi, NDAL, IRAD, OSCAR, BSK
  - ❖ Monitoring flagship schemes: Jai Bangla, Lakshmir Bhandar, Kanyashree, Duare Sarkar, APAS
  - ❖ Election & recruitment ICT support
  - ❖ e-Tendering, e-Auction, Field inspection apps
  - ❖ Email services & regular VC support
  - ❖ District Level Land Acquisition Project initiation
- Achievements**
- All departments, Zilla Parishad, Sub Division and Blocks are successfully using e-Office with approx. 650 Users
  - Active participation in state projects: IFMS e-bantan and stamp modules



Bankura District Portal

- URL: <https://bankura.gov.in/>
- Highlights**
- ❖ Maintenance of Official District Website (S3WAAS) with regular updates and public-oriented services.
  - ❖ Comprehensive ICT support for district-level review meetings, trainings, workshops, and video conferencing.
  - ❖ Technical assistance for e-Governance applications including e-Office, Service Plus, e-Vahan, Sarathi, APAS, and recruitment/service portals.
  - ❖ Implementation and monitoring of flagship schemes such as Jai Bangla, Lakshmir Bhandar, Duare Sarkar, and Kanyashree.
  - ❖ Election-related ICT support covering webcasting, training, monitoring, and NICNET maintenance.
- Achievements**
- Successfully contributed to smooth conduct of election and recruitment activities with ensured accuracy and transparency.
  - All departments actively using e-Office and other e-Governance platforms.
  - Regular participation in state-level ICT initiatives such as IFMS, IRAD, and WBjit.



South 24 Parganas District Portal

- URL: <https://s24pgs.gov.in/>
- Highlights**
- ❖ e-Office is implemented in 84 Departments/Section under District Administration
  - ❖ Technical support: e-Office, S3WAAS, GeM, NICNET
  - ❖ Support for e-Prosecution, eVahan, Sarathi, NDAL, IRAD, OSCAR, CAA Portal, e-Gramswaraj portal, Serviceplus etc
  - ❖ Monitoring flagship schemes: Jai Bangla, Lakshmir Bhandar, Kanyashree, Duare Sarkar, APAS, Field Inspection & Monitoring, e-District
  - ❖ Election & recruitment ICT support
  - ❖ e-Tendering,, Field inspection apps
  - ❖ Email services & NIC VC support
  - ❖ ICT support during GS Mela 2025
- Achievements**
- Highest eFile movement in the state
  - Active participation in state projects: e-Panchayet
  - Designed LA case Monitoring System using serviceplus





# District Projects



উত্তর দিনাজপুর  
UTTAR DINAJPUR

HOME

ABOUT DISTRICT

DIRECTORY

DEPARTMENTS

TOURISM

FORMS

NOTICES

CITIZEN SERVICES

SCHEMES



Uttar Dinajpur District Portal

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

**Highlights :-**

- ❖ ICT consultant and District level ICT Coordinator of several Projects (G2G,G2C, G2E,G2B) for Digital Governance across Sectors and spread over 100 locations.
- ❖ Site Identification, Requirement Analysis, Planning and Preparation, Proposal and Estimate Preparation.
- ❖ Design and Development and Implementation, Technical Hand Holding, Analytics. Creation of ICT infrastructure, Digital Assets, dissemination of Govt Advisory.
- ❖ Networking- NICNET, LAN , OFC and UTP Broadband, WiFi, VPN, e-Mail services under gov.in domain through e-forms /NIC Webmail portal, facilitating in creation, updation and incorporation of Kavach authentication application to myriad of users.
- ❖ Election and Recruitment Support to District Administration.
- ❖ Training and Handholding of eGov Projects and Cyber –Data Ownerships/Protections Awarenesses
- ❖ Video Conferencing services : Arrangement of VC and Virtual VCs in different. Hundreds of VCs have been arranged for smooth governance.



পশ্চিম বর্ধমান  
PASCHIM BARDHAMAN

HOME

ABOUT DISTRICT

DIRECTORY

DEPARTMENTS/SECTION

ELECTION

TOURISM

NOTICES

CITIZEN CORNER



Paschim Bardhaman District Portal

URL: <https://paschimbardhaman.gov.in/>

**Highlights**

- ❖ ICT advisory and capacity building to district administration for adopting cloud based open IT tools
- ❖ Technical support: e-Office, S3WAAS, GeM, NICNET
- ❖ Support for e-Prosecution, eVahan, Sarathi, NDAL,OSCAR
- ❖ Support for flagship schemes: Jai Bangla, Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- ❖ IRAD Technical Support for all stake holders.
- ❖ Design Mobile App for District Website
- ❖ e-Tendering, e-Auction, Field inspection apps
- ❖ Email services & regular VC support
- ❖ District technical committee member for flagship schemes

**Achievements**

- ❖ All departments, Zilla Parishad, Sub Division and Blocks are successfully using e-Office with approx. 650 Users



পুর্ননিয়া  
PURULIA

HOME

ABOUT DISTRICT

DIRECTORY

DEPARTMENTS

TOURISM

COLLECTORATE

SCHEMES

NOTICES

CITIZEN SERVICES



Purulia District Portal

URL: <https://purulia.gov.in/>

**Highlights**

- ❖ ICT advisory and capacity building to district administration for adopting cloud based open IT tools
- ❖ Technical support: e-Office, S3WAAS, GeM, NICNET
- ❖ Support for e-Prosecution, eVahan, Sarathi, NDAL,OSCAR
- ❖ Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- ❖ IRAD Technical Support for all stake holders.
- ❖ Technical support for AASAN integrated Puja Permission Portal.
- ❖ e-Tendering, e-Auction, Field inspection apps
- ❖ Email services & regular VC support
- ❖ District technical committee member in state schemes

**Achievements**

- ❖ All departments, Zilla Parishad, Sub Division and Blocks are successfully using e-Office with approx. 300 Users





# District Projects

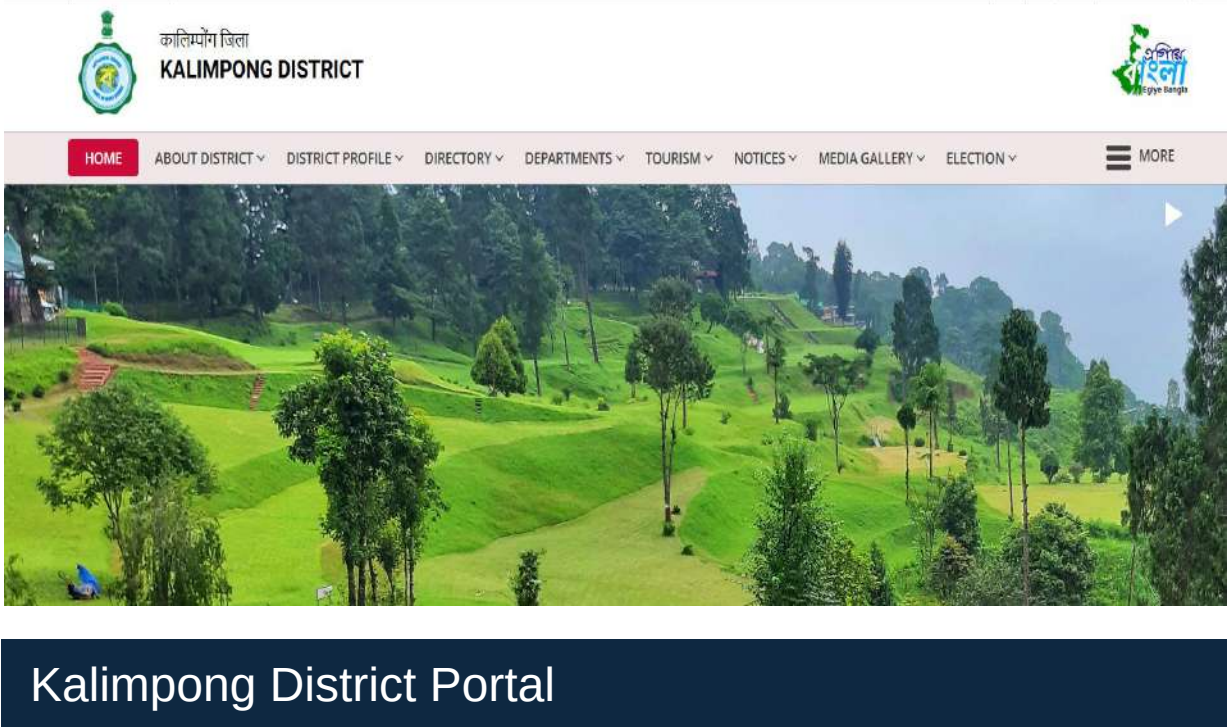


Darjeeling District Portal

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

**Highlights**

- ❖ District Website updated regularly (S3WAAS).
- ❖ E-office support to users of District Administration.(along with Siliguri municipal corporation)
- ❖ 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, Amader Para Amader Samadhan (APAS)
- ❖ Imparted training on Festival Permission Application (aasan portal) to District Authorities and representatives of organizers/citizen on 22-08-2025 and 23-08-2025.
- ❖ NICNET Support:
- ❖ Contribution in State project: e-Panchayet Project (PRISM ID : 3661)



Kalimpong District Portal

URL: <https://kalimpong.gov.in/>

**Highlights**

- ❖ 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:



Jalpaiguri District Portal

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

**Highlights**

- ❖ ICT advisory and capacity building to district administration for adopting cloud based open IT tools
- ❖ Technical support: e-Office, S3WAAS, GeM, NICNET
- ❖ Support for e-Prosecution, eVahan, Sarathi, NDAL,OSCAR
- ❖ Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- ❖ IRAD Technical Support for all stake holders.
- ❖ Design Mobile App for District Website
- ❖ e-Tendering, e-Auction, Field inspection apps
- ❖ Email services & regular VC support
- ❖ District technical committee member for flagship schemes

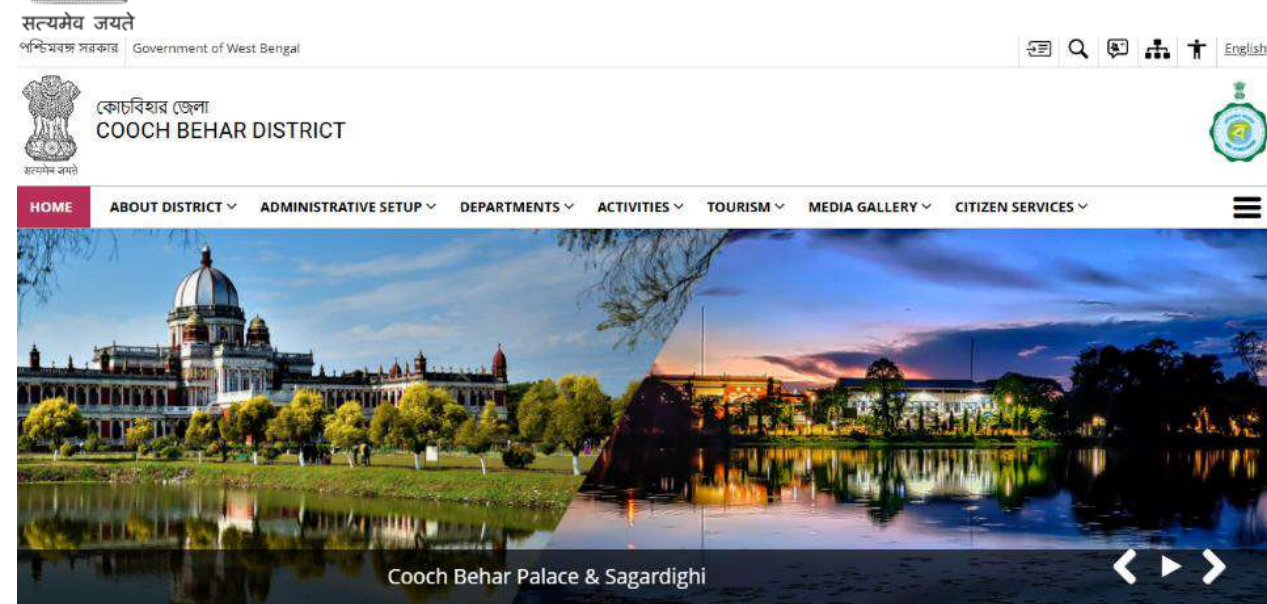
**Achievements**

- ❖ All departments, Zilla Parishad, Sub Division and Blocks are successfully using e-Office with approx. 650 Users





# District Projects



## CoochBehar District Portal

URL: <https://coochbehar.gov.in/>

### Highlights

- ❖ ICT advisory and capacity building to district administration for adopting cloud based open IT tools
- ❖ Technical support: e-Office, S3WAAS, GeM, NICNET
- ❖ Support for e-Prosecution, eVahan, Sarathi, NDAL,OSCAR
- ❖ Support for flagship schemes: Jai Bangla,Lakshmir Bhandar, Duare Sarkar, Kanyashree, etc.
- ❖ IRAD Technical Support for all stake holders.
- ❖ Design Mobile App for District Website
- ❖ e-Tendering, e-Auction, Field inspection apps
- ❖ Email services & regular VC support
- ❖ District technical committee member for flagship schemes

### Achievements

- ❖ All departments, Zilla Parishad, Sub Division and Blocks are successfully using e-Office with approx. 650 Users



## Alipurduar District Portal

URL: <https://alipurduar.gov.in/>

### Highlights

- ❖ ICT consultant and District level ICT Coordinator of several Projects (G2G,G2C, G2E,G2B) for Digital Governance across Sectors and spread over 100 locations.
- ❖ Site Identification, Requirement Analysis, Planning and Preparation, Proposal and Estimate Preparation.
- ❖ Design and Development and Implementation, Technical Hand Holding, Analytics. Creation of ICT infrastructure, Digital Assets, dissemination of Govt Advisory.
- ❖ Networking- NICNET, LAN , OFC and UTP Broadband, WiFi, VPN, e-Mail services under gov.in domain through e-forms /NIC Webmail portal, facilitating in creation ,updatation and incorporation of Kavach authentication application to myriad of users.
- ❖ Election and Recruitment Support to District Administration.
- ❖ Training and Handholding of eGov Projects and Cyber –Data Ownerships/Protections Awarenesses
- ❖ Video Conferencing services : Arrangement of VC and Virtual VCs in different. Hundreds of VCs have been arranged for smooth governance.





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# Empowering West Bengal through Innovation

## **National Informatics Centre**

West Bengal State Centre

Vidyut Bhaban, Ground floor

Block –DJ, Sector-II

West Bengal-700091

Website: <https://wb.nic.in/>