Khowai, Tripura

Transformative IT Initiatives Shaping the District's Future

Edited by **KAVITA BARKAKOTY**

Established in 2012, NIC Khowai District Centre is dedicated to bolstering governance, services, and connectivity in the district through cutting-edge IT solutions. Its focus areas include advancing digital infrastructure, enhancing network connectivity, and fostering the adoption of e-Governance Solutions.

ICT Initiatives in the District

BMS
https://bms.tripura.gov.in

The Beneficiary Management Ecosystem (BMS) is a comprehensive system designed to manage beneficiaries, payments, and benefit visualization efficiently. It includes functional applications such as the Citizen Portal, Core BMS, Payment Switch, and Beneficiary Dashboard, which are deployed statewide for 61 different schemes.

Notably, NIC Khowai District Centre has demonstrated exceptional commitment by successfully implementing 31 state Social Pension Schemes within the district, further enhancing the reach and impact of the system.

Jami Tripura
https://jami.tripura.gov.in

The successful computerization of Land Records in the District has been accomplished through the implementation of the eJami application. This achievement has enabled the introduction of citizen-centric services such as "Digitally Signed Certified Copy of Record of Rights," "Online Payment of Land Revenue," and "Online Mortgage Request by Banks" through the Jami Pariseva Portal. Furthermore, to enhance accessibility for the local population, CDAC's Language Transliteration Service has been seamlessly integrated into the eJami portal, making it even more user-friendly and inclusive.

Sushant Kumar Debnath
Scientist-C & DIO
sushant.db@nic.in

Since its inception, NIC Khowai District Centre has been a crucial force in providing technical support and fostering skill development among diverse stakeholders. Leveraging its ICT expertise, NIC Khowai efficiently implements numerous National and State-level ICT projects with transparency. The centre has effectively raised awareness about the significance of ICT applications, and today, citizens are reaping the tangible benefits and practicality of these applications in their daily lives.

NGDRS
https://ngdrs.tripura.gov.in

The National Generic Document Registration System (NGDRS) offers comprehensive document registration solutions catering to citizens and various stakeholders, including the Registration department, Banks, Deed Writers, Advocates, and more. As of February 1st, 2022, the district has seamlessly integrated NGDRS with critical databases like Land Records and e-Stamps, expanding its capabilities to encompass services like Property Assessment, Appointment scheduling, Registration, and Online Payment. Notably, the District Centre has efficiently implemented NGDRS across all Sub-Registry Offices within the district, ensuring widespread accessibility and convenience.

eDistrict
https://edistrict.tripura.gov.in

eDistrict Tripura is an advanced system that harnesses NIC's ServicePlus metadata-based e-Service delivery framework, incorporating a Low-Code No-Code (LCNC) architecture to deliver electronic services to citizens seamlessly. This extensive system extends its coverage to all Sub-Divisional Magistrates (SDM) offices, offering a diverse range of approximately 60 eGovernance services. By doing so, it ensures accessibility, efficiency, and convenience in delivering essential services to the public

EPDS
https://epds.tripura.gov.in

The Election Personnel Deployment System (EPDS) Application, developed by NIC Khowai District Centre, has been a cornerstone of election management in the state since 2012, providing centralized oversight of polling personnel for Parliamentary, Assembly, and Local Body Elections. Its key functionalities encompass:
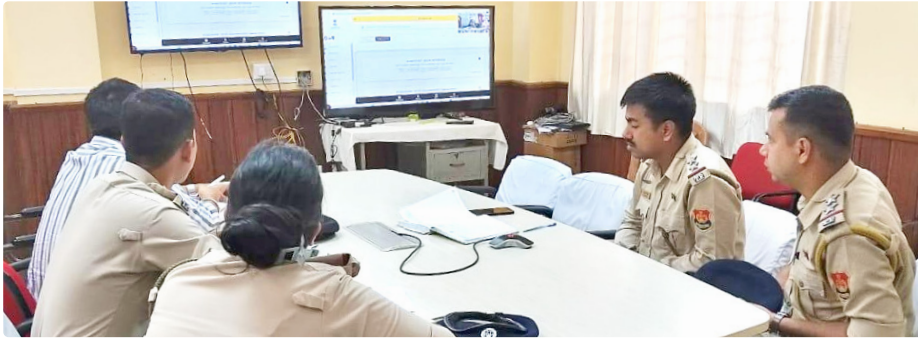
- Randomization of Polling Personnel, Counting Personnel, and Micro-Observers
- Generation of Appointment Letters and Identity Cards for Polling Personnel, Counting Personnel, and Micro-Observers
- Efficient Exemption Management processes

This system ensures the smooth and organized deployment of election personnel, contributing significantly to the electoral process.

iRAD

VAHAN, SARATHI, eChallan, and Pollution Under Control Certificate (PUCC) module are integrated systems designed to streamline and modernize various aspects of vehicle registration, driving licenses, traffic enforcement, and pollution control in India. VAHAN manages vehicle registration and related services, SARATHI handles driving licenses, eChallan facilitates digital traffic violation fines, and PUCC focuses on pollution under control certification, collectively enhancing the efficiency and compliance of the transportation ecosystem.

Following the successful implementation of VAHAN, SARATHI, eChallan, and PUCC, the District Centre has proactively undertaken the implemen-

▲ **Fig.4.1: Virtual Training on iRAd to Khowai Police**

tation of iRAD (Integrated Road Accident Database) to collect and share road accident data with Transport, Police, Health, and Highway authorities.

Khowai District Website
https://khowai.nic.in

Khowai District website serves as a user friendly online hub, offering vital information and services to both residents and stakeholders. It provides easy access to administrative updates, local news, government initiatives, and contact information for district offices, streamlining access to digital resources and services.

The District website is constructed using the S3WaaS architecture and adheres to the Guidelines for Indian Government Websites (GIGW 3.0), guaranteeing a user-friendly and compliant online platform for all district-related information and services.

Vahan, Sarathi, eChallan, PUCC, and eHospital and eBloodbank

eHospital and eBloodBank are innovative healthcare solutions that have been introduced at Khowai District Hospital. eHospital streamlines hospital management processes, enhancing patient care, and administrative efficiency. On the

other hand, eBloodBank ensures efficient blood supply management, facilitating timely access to life-saving blood products for patients in need. Together, these systems contribute to improved healthcare delivery in the district.

Public Distribution System (PDS) Computerization
https://epdstr.gov.in/

The entire domain has been comprehensively automated, encompassing Ration Card Management, Supply Chain Management, and Fair Price Shop Automation. This end-to-end automation guarantees a seamless and highly efficient process, from initiation to completion, ensuring smooth operations throughout.

Other Key Initiatives

Revenue Court Case Management System (RCCMS)
https://sewasetu.assam.gov.in

Revenue Court Case Management System (RC-CMS) is a web-based application developed by the Khowai District Centre and implemented across the state to efficiently manage Revenue Court Cases. This application simplifies the pro-

cess of filing Revenue Court Cases, enables real-time tracking of case status, and allows for the easy recording and downloading of intermittent and final judgment copies through SMS links.

Infrastructure and Network Support

NIC Khowai District Centre embarked on its journey in 2012 with an initial 4 MBPS Tripura State Wide Area Network (TSWAN) connectivity. This connectivity was subsequently upgraded to a robust 100 MBPS National Knowledge Network (NKN) in-

NIC District Unit in Khowai has played a significant role in the promotion of ICT use and execution of State and Central e-Governance programs, information sharing through District websites, providing computerization help & implementing all kind of Applications of ECI and SEC during the Elections, etc., all of which are very praiseworthy. I am certain that NIC will keep up the good job and continue to offer technical support for the effective deployment of ICT Services for the benefit of the citizens.

Dilip Kumar Chakma, IAS
Deputy Magistrate, Khowai

frastructure in 2015, marking a significant enhancement in its network capabilities and capacity.

Awards

Khowai District has been honored with the "Bhoomi Samman 2023" by Hon'ble President of India, Smt. Droupadi Murmu, for outstanding achievements in implementing the Digital India Land Record Modernization Programme (DILRMP) in the district.

Way Forward

NIC Khowai District Centre has played a pivotal role in driving the digital transformation of the district and is dedicated to continuing its commitment to embracing cutting-edge technologies in governance.

▼ **Fig. 4.2: Khowai District Website**

Contact for more details