



सत्यमेव जयते

इलेक्ट्रॉनिकी और सूचना प्रौद्योगिकी मंत्रालय  
Ministry of Electronics & Information Technology

**NATIONAL INFORMATICS CENTRE  
TRIPURA STATE CENTRE**

**Major Projects & Recent Initiatives**



## Sector-wise Major Projects

- eProcurement
- eGRAS
- GSTAIR & GST-Prime
- eStamp
- Beneficiary Management System Payment Switch

Finance



- Vahan & Sarathi
- PUCC
- eChallan & Virtual Court
- mParivahan

Transport



- eOffice (eFile & SPARROW)
- SWAGATAM & AeBAS
- CM Dashboard (Darpan)
- ERS
- eHRMS & Manav Sampada

Office Productivity & HR



- eJAMI Land Records
- Tripura NGDRS
- eDistrict (Certificate Services)
- eDistrict (EoDB)

Revenue



- eCourts
- ePrison
- eProsecution
- eForensics
- ICJS

Home & Judicial



- Ration Card Management System
- Supply Chain Automation
- Fair Price Automation
- Paddy Procurement

PDS



- PM-Kisan
- Soil Health Card
- Fertiliser & Pesticide Licensing
- ePanchayat Suite
- NREGASoft, PMAY (G), SBM (Rural)

Agriculture, RD & Panchayat



- eCounselling
- NSP 2.0
- Polling Personnel Deployment System
- ePravesh
- eGranthalaya

Others



- eHospital
- Mother & Child Tracking System (MCTS)
- COVAAS App
- Covid-19 Advisory
- COVID Suraksha
- ePass

Health & COVID-19



- eHospital
- ORS
- eBlood Bank
- Teleconsultation

Health & COVID-19 Cont.



# Finance: eProcurement

## Government eProcurement of NIC (GePNIC)

GePNIC has been implemented as the Central Public Procurement Portal and a MMP. It is an end-to-end Workflow-based eProcurement solution, for eProcurement and ePublishing catering to online publishing of Tender documents, Corrigendum, Online Bid Submission & Award of Contracts.

## Government eAuction Portal of NIC

State is onboarded on the National eAuction Portal, since 2020 for Forward & Reverse Auction. The electronic auction platform is very versatile, dynamic, transparent, which eliminated the human interface in the bidding process. State Forest Department and Directorate of Institution Finance is using the Portal.

## State eProcurement Portal

State eProcurement Portal (SPPP) has been implemented in the state, for procurement of Works, Goods & Services. 21,970 Tenders have been published for a value of 18,992 Crores, since inception during 2013.

# Finance: GST-Prime & GSTAIR

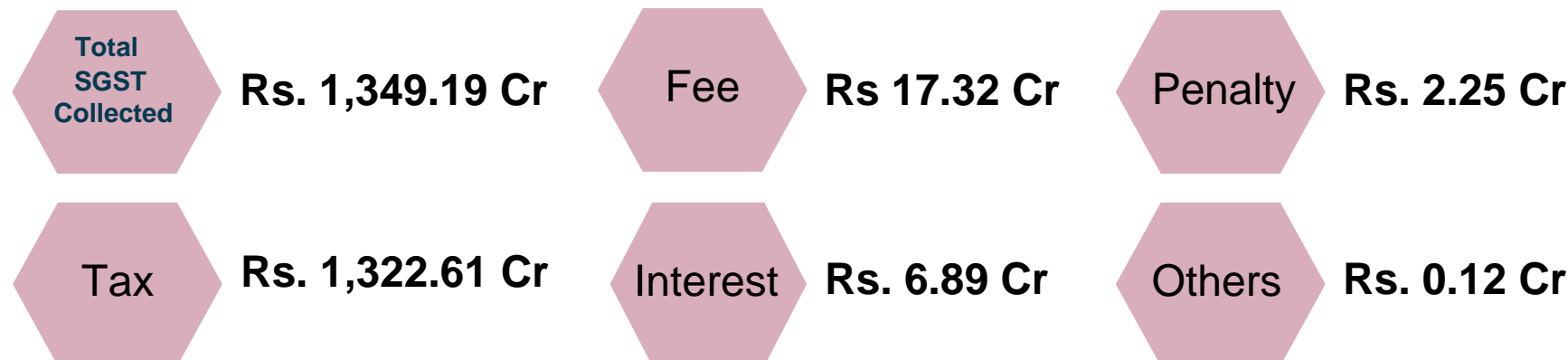
## GST-Prime

Analytical Dashboard for the State Tax Administrators to analyse, predict and monitor GST Collection-Compliance in their jurisdiction.

## GSTAIR

GST Accounting Information & 2-Way Reconciliation System (GSTN-RBI) for the State Finance Department & AG Tripura, since inception in FY 2017

## GSTAIR – Figures



## Finance: eGRAS, the State Receipt Portal



- ❖ End-To-End Online System for State Treasury & 25 **Non-Treasury Receipt Accounts**, with Integration with Applications in domains like Transport, Judiciary, Revenue, & 15 other Departments.
- ❖ SBI ePay Payment Gateway integrated
- ❖ Payment through POS Device integrated

### Since inception (July 2017)

- ❖ Total Successful Transaction: **2,13,569**
- ❖ Total Receipt: **Rs. 1,005.28 Crore**
- ❖ Receipt Modes: Netbanking, Credit & Debit Card, OTC, UPI, Wallet, NEFT/RTGS (Being Integrated), POS
- ❖ Applications Integrated: **18**

## Finance: eStamp Repository

- ❖ Online repository of “eStamps issued by SHCIL” since FY 2019, which are “Verified for Concurrency,” “Consumed after Verification” and “Defaced after Consumption” by the Downstream Applications
- ❖ The Portal also raises Indent with SHCIL for Reimbursement - Reconciliation of Stamp Duty through eGRAS.
- ❖ Downstream Applications Integrated: NGDRS & Tripura Registration Portal
- ❖ NeSL Digital eStamp is being integrated

### Since inception (July 2019)

- ❖ Total eStamp Handled: **10,45,175**
- ❖ Total Stamp Duty Collected: **Rs. 113.73 Crore**
- ❖ Total Stamps Defaced: **24,254**

## Finance: Beneficiary Management System - Payment Switch

- ❖ BMS Payment Switch is designed to handle various DBT Payments directly to Beneficiary Bank Accounts.
- ❖ Successful transactions are reflected on DBT Dashboard (Tripura & DBT Bharat)
- ❖ Payment Bridges: Treasury, PFMS, NPCI NACH
- ❖ Payment Modes: Aadhaar/ Bank Account
- ❖ Bank Details lookup Service: Aadhaar/ Bank Account
- ❖ Integration: “Beneficiary Management Applications”, State & Central DBT Dashboards

## Finance: Beneficiary Management System (BMS)

- ❖ End-to-End Ecosystem targeting Central Sector, Sponsored & State Schemes for “Beneficiary Management-Payment” & “Benefits Visualization”.
- ❖ Benefits Mapping: On Ration Card (RC) Member ID with Auto-reflection of Family Mutations.
- ❖ Onboarding: Department, Schemes (GoI DBT Scheme Codes A/B/C/D) & Users.
- ❖ Repository: ELK Stack (RC DB and Transactions)
- ❖ Dashboard: Drill-Down with Layer based Aggregation supporting Free Text & Voice Enabled Search



## Finance: Beneficiary Management System (BMS) Contd.

- ❖ Beneficiary Selection & Workflow: Excel Template-Entry/G2C Application and eSigned Maker-Checker Approver
- ❖ Payment Mode: Treasury/ PFMS/ NPCI NACH with NPCI Bank/ Aadhaar Lookup
- ❖ Integration: State SSA Student DB, PDS RC DB, Paddy Procurement
- ❖ Single Sign On: e-Parichay (Authorized Usage)

Road Ahead:

- ❖ Single Source of Truth (SSOT) & Open API & Jan Parichay (Citizen-authorized Self View)

## Office Productivity & HR: eOffice Tripura

- ❖ eFile is a Workflow based OL System that replaces manual handling of files with a more efficient electronic system.
- ❖ SPARROW is an OL System based on comprehensive performance appraisal dossier that is maintained for each member of the State Cadre Service by the Cadre Controlling Department.
- ❖ eFile is Implemented in 10 Offices/ Directorates with a user base of **1,217** Officers since 2017.
- ❖ SPARROW has been implemented for **~500** Tripura Civil Service Officers.
- ❖ SPARROW (IPR) has been implemented for **~5,000** Officers belonging to Other Cadre Services of Tripura

## Office Productivity: CM Dashboard Tripura Darpan

- ❖ Real-time, Open, Transparent and Accountable Governance through CM Dashboard & DM Dashboard have been launched under Tripura Darpan umbrella in **2017**
- ❖ District Magistrate (DM) Dashboard has been rolled out in **8** districts of Tripura.
- ❖ Analytical Dashboard of KPIs of **19** Flagship Schemes has been integrated

## Office Productivity: SWAGATAM & Aadhaar enabled Bio-metric Attendance System (AeBAS)

- ❖ SWAGATAM is an OL Visitor Management System which facilitates common citizens to make online appointment with the Govt. Officers.
- ❖ SWAGATAM is implemented in 2 departments (Department of IT & Department of Secretariat Administration). ~ **200** Officers are on-boarded.
- ❖ AeBAS has been implemented for **84** State Government Offices comprising of ~**11,000** Officials.

# Office Productivity: Manab Sampad, Executive Record Sheet (ERS) & eHRMS

- ❖ Manab Sampad is being implemented for the Directorate of Higher Education.
- ❖ **33 Colleges** are on-boarded & ~**1500** Employees have been registered.
- ❖ Capacity Building of the Nodal Officers of the Colleges have been completed.
- ❖ Government of Tripura is implementing eHRMS Suite for it's ~**5000+** Tripura Cadre Service Officers
- ❖ ERS facilitates Capturing of Service related data for Tripura Civil/ Police/ Forest Services Officers & **23 Other cadre Services**.
- ❖ **5,825** Tripura Cadre Officers have been registered in the application
- ❖ SMS & Email Alert have been configured for sending notifications to the Officers whose profile is not updated.

## PDS: Ration Card Management System (RCMS)

- ❖ End-to-End Workflow for Addition-Deletion-Splitting-Shifting-Update of RC Family Members & their details, since **2016**
- ❖ Considered by state government as the Baseline Database for state eROR Database & SSOT.
- ❖ API-based integration with state Beneficiary Management System.
- ❖ API-based PDS lifting-time Aadhaar eKYC integration with AePDS for Data Quality Improvement
- ❖ Total RC Families & Members: **9,32,880** & **37,03,830**. Aadhaar Coverage: **100%** for Head of Family & **86%** for all Members.

## PDS: Supply Chain Management System (FEAST)

- ❖ End-to-End Workflows and functionalities for movement of PDS Commodities procured from “FCI Go-Downs”/ “Open Market” to “Food Go-Downs” to FPS.
- ❖ Stakeholders: State Food Department, 7 FCI Go-Downs, 132 Storekeepers of State Godowns in 59 Clusters, 1833 FPS-Dealers, 3 Rice & 3 Flour Millers, 72 Atta Chakki Millers & 92 Transporters.
- ❖ Integrated with RCMS, AePDS & NFSA Dashboard.

Being implemented since 2016 & processed:

**7,81,572** Delivery Challan & FPS Receipt, **17,848** Truck Challan & Store Receipt, **1,669** Allocation Orders, **2,214** Store Indents & **4,462** FCI Release Orders

## PDS: Fair Price Shop Automation (AePDS)

- ❖ End-to-End Workflows and functionalities for distribution of PDS Commodities amongst RC Card Holders, after Aadhaar Biometric (Fingerprint/ IRIS) Authentication, and as per their entitlement.
- ❖ Stakeholders: State Food Department, **7** FCI Go-Downs, **132** Storekeepers of State Godowns in **59** Clusters, **1,833** FPS-Dealers, 3 Rice & 3 Flour Millers, 72 Atta Chakki Millers & 57 Transporters.
- ❖ Integrated with RCMS, FEAST & Annavitran Dashboard.
- ❖ Aadhaar eKYC API Integration with RCMS for RC Data Quality Improvement.

Being implemented since 2018 & processed:

**99.2%** Aadhaar Authenticated Transactions in **1,816** Online FPS, **16** Offline FPS, **97%** of NFSA Lifting in **68.27%** NFSA Cards



## PDS: Paddy Procurement

- ❖ Ration Card Member based Identity Management
- ❖ API-based Integration with state Land Records Database for Identification of cultivated plots.
- ❖ Data Entry of Bank Details & Paddy Procurement Parameters.
- ❖ Algorithm-based Calculation of Payable and Generation of Acknowledgement.
- ❖ NPCI Bank Account Lookup being taken up.
- ❖ API-based Integration with state “Beneficiary Management System Payment Switch” for routing Payment through Treasury/ PFMS/ NPCI NACH, which is integrated to state Beneficiary Dashboard.
- ❖ Stakeholders: State Food & Agriculture Departments.

Implemented since 2021 Kharif:

**42,154** Farmers Registered, **72,955** MT Paddy Procured, DBT for **Rs. 132 Crores.**

## Education: National Scholarship Portal (NSP 2.0)

- ❖ National Scholarships Portal, an NeGP MMP is an End-to-End Ecosystem for Disbursement of Scholarship and Incentives to Students. The system provides for Workflows on Application-"Multilayered Verification"- "Multi-layered Approval", Payment Management (including Payment Failures).
- ❖ Onboards Central Sector, Centrally Sponsored and State Scholarship Schemes.
- ❖ Provides for UDISE/ AISHE Code-based Onboarding of Educational Institutes as well as Declaration on their Course Fees.
- ❖ Displays comprehensive MIS System to monitor the Scholarship Cycle.
- ❖ Implemented since Academic Year 2018-19

Since inception in 2018-19

- Total Applications : **2,15,764**
- Amount Disbursed : **Rs. 320 Crores**

## Revenue: eDistrict (Certificates/ EoDB)

- ❖ eDistrict Tripura has been implemented on “ServicePlus Meta-data based e-Service delivery framework, built on Low Code–No Code (LCNC) Architecture”, for delivering electronic-services to citizens
- ❖ Citizen Centric Service: 16 [Certificates (like Residency, Caste, Marriage, Survival, Income etc.) & Licenses (In Departments like Food, Small Savings, Home & Matabari Temple Trust)], 21 [Licenses & NOCs (In Departments like Legal Metrology, Home (Fire), Industries, Co-operation, Forest, Land Records & Settlement etc.)]
- ❖ Integration: eGRAS, eSign, Digilocker, RAS, CSC Connect, Land Records, HRMS, Property Tax & various other Departmental APIs.
- ❖ Service for “Rehabilitation Payment to BRU Migrants” has been made Operational for MoHA & State Revenue Department, which is integrated with PFMS.

Since Inception (2015): Applications Received: **8,20,407** & Applications Approved: **8,12,474**

## **RD & Panchayat: Panchayat Enterprise Suite, NREGASoft, PMAY(G), SBM(G)**

- ❖ Panchayat Enterprise Suite is a e-Panchayat MMP under which the following applications are implemented in the State :
  - ❖ Local Government Directory (Directory of Land Regions/ Revenue, Rural/ Urban Local Bodies)
  - ❖ National Panchayat Portal (Dynamic Website of Panchayats)
  - ❖ eGramSwaraj (Panchayat Accounting Application)
  - ❖ AuditOnline (Online Application to Audit Local Bodies)
  - ❖ ServicePlus (Metadata based Service Delivery Framework)
- ❖ PMAY(G) & SBM(G): Both the schemes have been implemented by the State Government since inception & the Online Application is looked after by the respective departments

## Agriculture : Soil Health Card (SHC)

- ❖ Soil Health Card displays soil health indicators with respect to 12 parameters, namely N,P,K (Macro-nutrients); S (Secondary- nutrient); Zn, Fe, Cu, Mn, Bo (Micro - nutrients); and pH, EC, OC (Physical parameters). Based on above parameters SHC indicates Fertilizer Recommendation & Soil Amendments.
- ❖ Soil Samples are collected in a grid of 2.5 ha in irrigated area and 10 ha in rain- fed area
- ❖ Farmers gets proper idea of which nutrients their soil is lacking, which crops they should invest in, fertilizers they need to increase crop yield.
- ❖ Since inception (2016):
  - ❖ Total Samples Collected & Tested: **32,736**
  - ❖ Total SHC Printed: **1,17,723**

# DILRMP Tripura

- Total No of Deeds Registered (Online) :: 2,74,384
- Total No of Mutation cases Disposed (Online) :: 5,59,596
- Total No of Certified copy of Map issued (Online) :: 1,44,380
- Total No of Certified copy of ROR issued (Online) :: 9,27,038

Under Digital India Land Records Modernization Programme (DILRMP), Land records and associated systems has been computerized.

01

**NGDRS : National Generic Document Registration System**  
(Pilot implementation in 2 SROs since 20<sup>th</sup> March 2021. 259 Deeds Registered so far )

02

**TORS : Tripura Online Registration System**  
(Running since September 2011 in 23 SRO offices)

03

**eJami : Online updating of Land records**  
(Running since August 2010)

04

**WebMap : Digitization of Cadastral Map** (Running since December 2013)

## Citizen centric e-services

(Information provided online is updated and no physical visit is required)



GET ONLINE ROR/ KHATIAN



PAY ONLINE REGISTRATION & OTHER FEES



VIEW YOUR ROR/ KHATIAN



VIEW YOUR MAP



VIEW PLOT HISTORY



DASHBOARD ON PROPERTY REGISTRATION



CHECK MORTGAGE STATUS OF YOUR ASSET (CERSAI)

# eForensics (<https://eforensics.gov.in>)

Facilitates complete monitoring of various cases coming in FSL offices. The features of the system include Daily Case Registration, Pre-examination activities like Acceptance Check & Case Allotment and Post Examination Activities like Report readiness entry, Report uploading, Parcel entry and Report generation, Dispatch entry etc.



Forensic Science Laboratories in the State  
where Application has been Implemented.



SFSL Tripura  
Agartala

- Registration of Cases
- Pre-Examination Entries
- Approval / Non-approval of Cases
- Report Readiness and Details Entry
- Report Dispatch Date and Details Entry
- Examination Reports Uploading
- Exhibit Entry against Parcels

Total Cases Registered : 5028 (till August 2021)



# e-Prison (<https://eprisons.nic.in/>)

## e-Prison

Inmate inside as on  
15<sup>th</sup> September 2021

Male: 1026

Female : 32

On Board  
Jails 14

Central Jail  
Total 1

Sub Jail  
Total 10

District Jails 2

Open  
Jail 1

Women  
Jail 1



## Features:



Advance visit Request to meet  
your wards

Instant Visit  
Request



Statistical informational about prison  
population ,daily admissions, release,  
visit etc.

Dashboard



Secure login for investigating agencies  
for integrated search about  
inmates

NPIP Login



Submit Grievances of Ward

Grievances



# eProsecution Application (<https://eprosecution.gov.in>)

The platform provides electronic communication between Police department and Prosecution department w.r.to legal opinion on various types of cases and scrutiny against the draft charge sheet. It is integrated with CCTNS (FIR Data) and e-Courts systems (CNR Data).

## Features

Providing legal opinion, scrutiny of draft charge sheet and case disposal under court affairs by prosecution officers

Daily Performance Reporting System

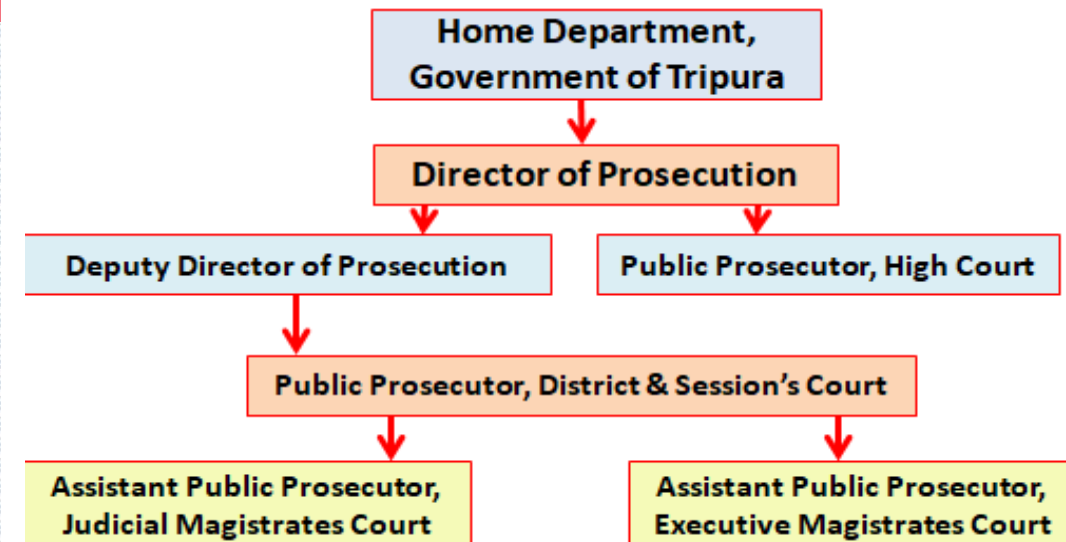
Workflow to assign and forward the cases.

Complete case tracking feature with history.

Mobile Based intimation to IO and prosecution officers.

FIR and Court Online Data availability using ICJS portal.

Minimal Data Entry as details of FIR and CNR can be fetched in real-time



# Judiciary (<https://ecourts.gov.in>)



16 Court Complexes

Online Case Filing (is in progress) Automation of documents (Daily Supplementary/ Weekly/ Lok Adalat/ Lawazima).



56 Establishments

SMS to the party, advocates and Judicial Officers on Fresh Filing/Listing/Proceeding /Uploading/Copying



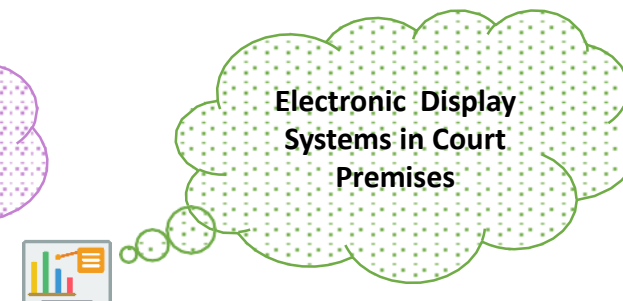
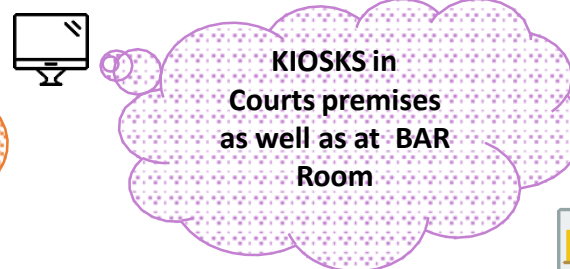
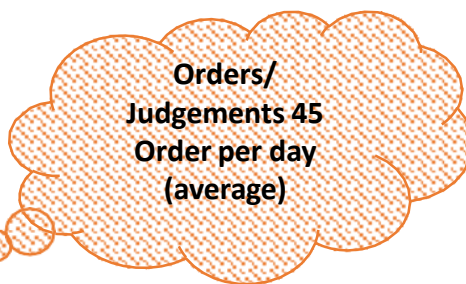
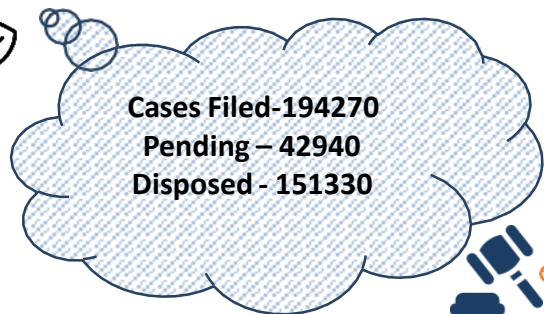
82 Courts

Cause Lists/Orders/Judgments /Case Status/Display Board/ e-Gate pass available in Courts website



VC Connections

Online case Status by Case No/CNR/Party/ Advocate names/FIR details



Data till 15<sup>th</sup> September, 2021

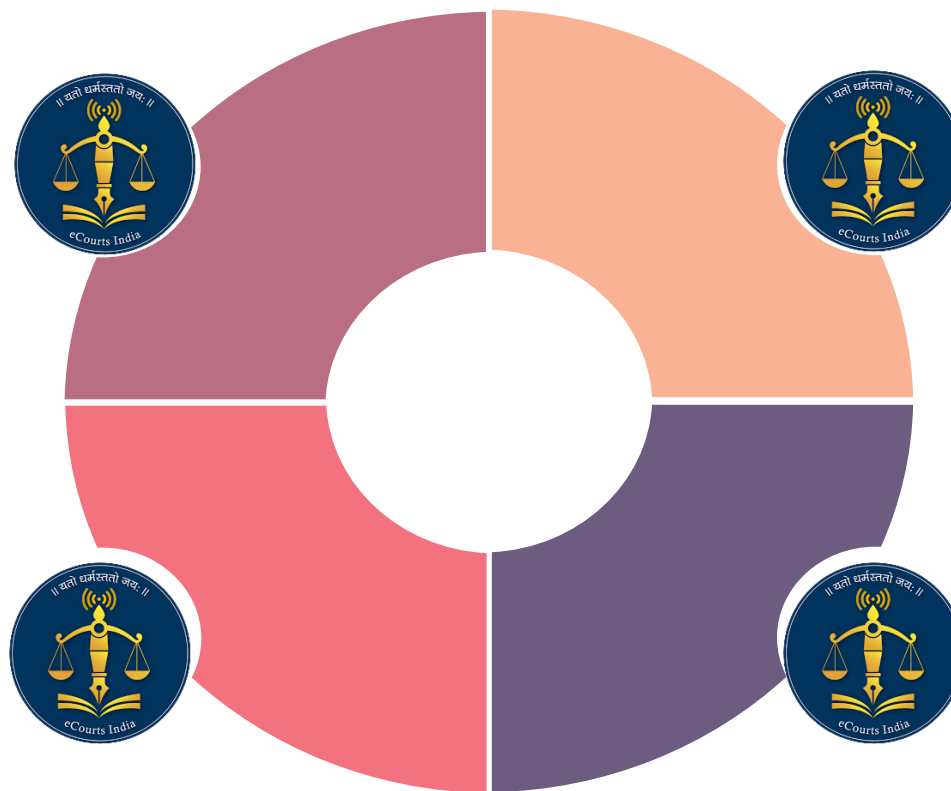
# Judiciary (<https://ecourts.gov.in>)

## District and Subordinate Courts

Automation of Case Management in District and Subordinate courts  
Electronic Display Systems inside Court premises  
KIOSK for citizen service

## eFiling, ePay

Online Filing of Court cases and payment of Court Fees electronically is in process



## Virtual Courts

Aimed at eliminating presence of litigant or lawyer in the court and adjudication of the case online.  
<https://vcourts.gov.in>. Virtual Court is under implementation in Tripura.

## NSTEPS

NSTEPS (National Service and Tracking of Electronic Processes)- Android OS APP developed for service and delivery of Court Processes. NSTEP is implemented in 16 court complexes of Tripura

# Home & Judicial: Major Projects

## eCourts

- ❖ Case Information System used in all courts in Tripura
- ❖ Implemented in 8 districts and 82 courts.
- ❖ Tripura Judicial Network covers 16 court complexes and 13 jails.

## ePrisons

- ❖ Cloud based application for the management of Jails
- ❖ Used in all 13 jails in Tripura



## eProsecution

- ❖ Provides electronic communication on legal advice on FIR/ charge sheet between State Police Department and State Prosecution Department.
- ❖ eProsecution has been introduced in PP offices of all the 8 districts in Tripura.

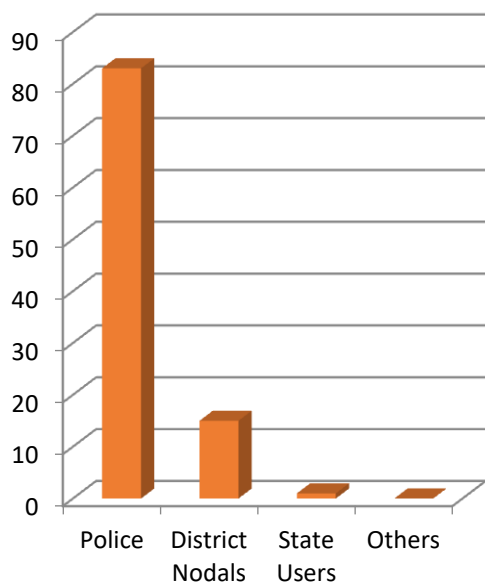
## eForensics

- ❖ eForensics is used for management of cases received and examined by the labs received from various agencies.
- ❖ It is used by 1 forensic labs in Tripura.

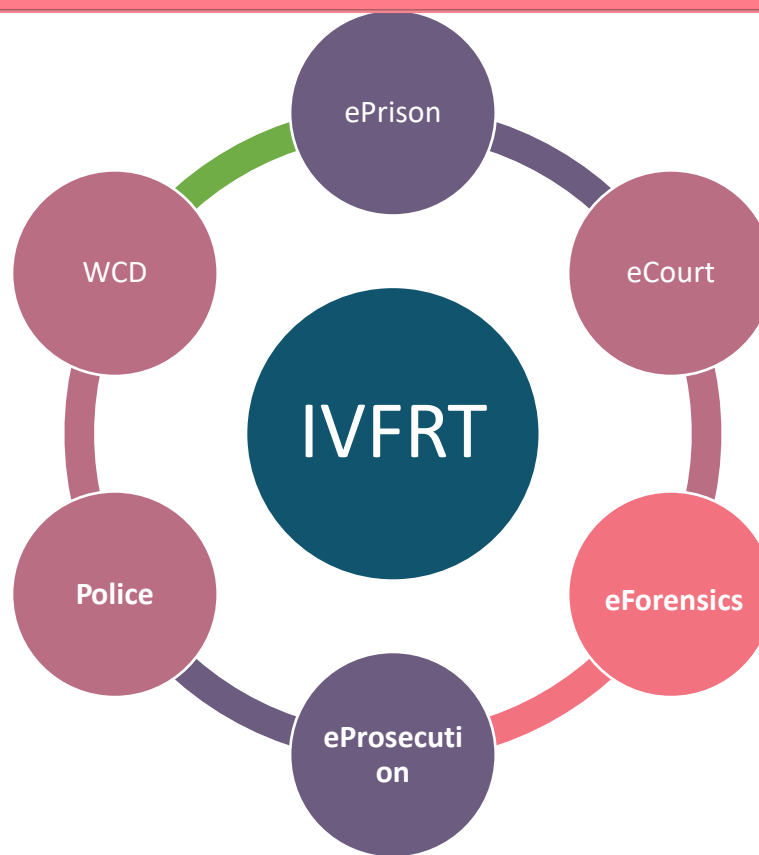
# Interoperable Criminal Justice System (ICJS)

Creating interoperability among Court, Police, Prisons, Prosecution, and Forensic for speedy and transparent Justice delivery system. It aims to integrate CCTNS (FIR Data) system with eCourt, ePrison, eForensics, eProsecution, Fingerprint, and Women & Child Department (WCD) systems for seamless flow of information among these pillars of Criminal Justice System to achieve "One Data Once Entry".

Crime Information @  
Fingertips. Just log on to  
(<https://icjs.gov.in>)



❖ Total 99 Users



- Pan India Search.
- One Data Once Entry.
- Pillar Analytics.
- Data Exchange and Services.
- Data Linking Across the Domains.
- Comprehensive Docket.

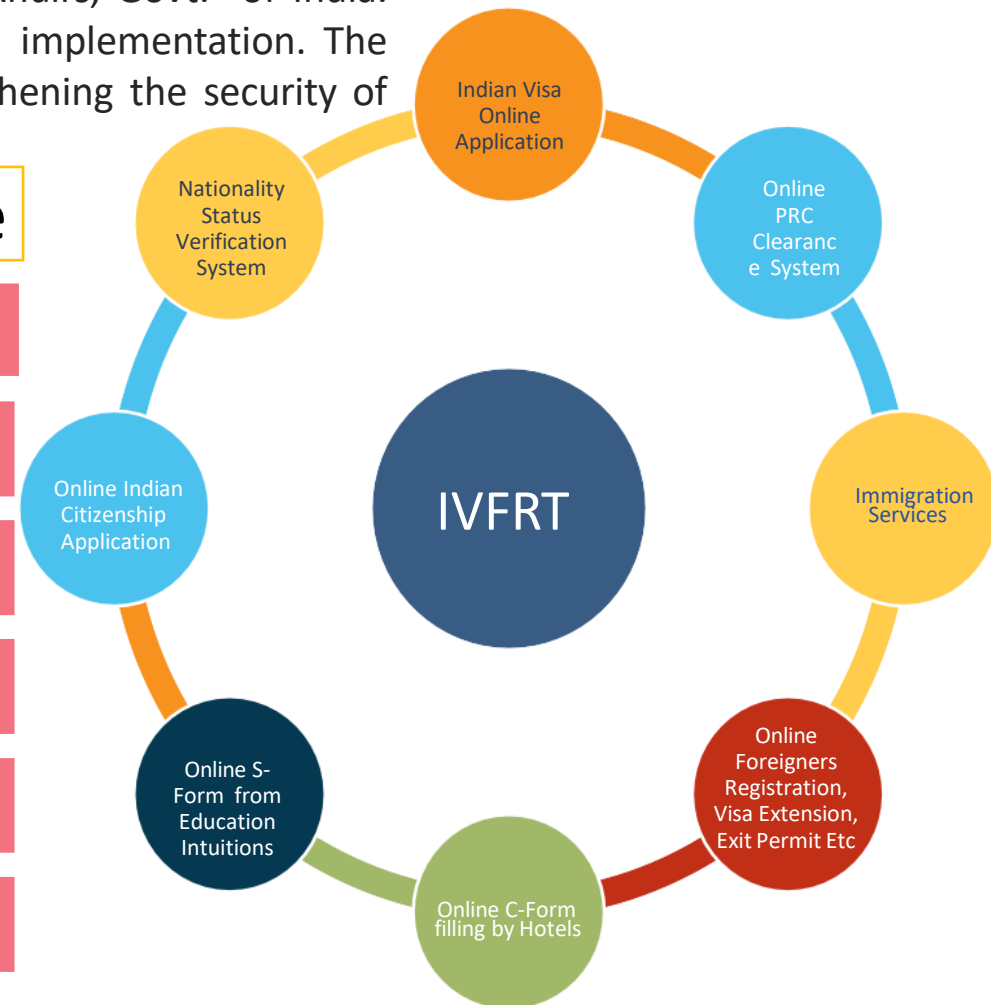


# Immigration Visa and Foreigners Registration & Tracking System (IVFRT)

IVFRT is a Central Mission Mode project initiated by Ministry of Home Affairs, Govt. of India. Bureau of immigration is the nodal agency for overall coordination and implementation. The objective of the project is to facilitate legitimate travelers while strengthening the security of the country. The IVFRT system has been developed by NIC HQ New Delhi.

## Projects Implementation Status in the State

- 1 Online eFRRO system in all the FRO /SP Offices of State for providing services like Registration, Visa Extension, Exit Permit etc.
- 2 Online PRC Clearance for PRC Counties Nationals.
- 3 Online C-Form filling by Hotels, Guest Houses, Dharmshalas etc.
- 4 Online S-Form filling by Education Institutions where foreign students and research scholars.
- 5 Online Indian Citizenship Application for Foreign Nationals and Backend Processing System in District Magistrate and SP offices.
- 6 Nationality Status Verification System



# IVFRT Software Modules

## Online Foreigners Registration Application

<https://indianfro.gov.in/frro>  
This online system is utilized by foreigners for filling their online application for registration, visa extension, change of address, change of port, change of route, exit permit etc.

## S-Form Module

<https://indianfro.gov.in/sform>  
The S-Form module is utilized by the educational institutions for filling information related to foreign students admitted in their institutions.

## C-Form Module

<https://indianfro.gov.in/frro/F or mC>  
Through this system arrival and departure information of foreigners are recorded online by all the hosts viz. Hotels, guest houses, hospitals, educational institutions, individual house owners etc.

## eFRRO Application

<https://efrro.nic.in>  
This is a workflow based system and whole transactions are done through VPN eToken connectivity. The service certificate is sent through email to applicant. The applicant can also track the status online.

## Nationality Status Verification System

<https://visaproces.in/NSV>  
The information fed by Indian Missions with respect to individuals for whom Nationality Status Verification is to be done is made available to Districts for Physical verification and updating the status online on NSV system..

## India Citizenship Online Application

<https://indiancitizenshiponline.nic.in>  
The website facilitates eligible foreign nationals to apply online, fee payment and documents uploading for Indian Citizenship.

## PRC Module

<https://visaprocess.nic.in/PRC>  
The Prior Reference Category (PRC) system is being used by State Government and FRO offices of the state for security clearance of visa applications received from Indian Mission related to PRC countries like Pakistan.

## Sri Kartarpur Sahib Pilgrimage Application

<https://visaprocess.nic.in/KPR>  
Sri Kartarpur Sahib Pilgrimage online portal for the registration of all the pilgrims visiting to Sri Kartarpur Sahib has already been launched on <https://prakashpurb550.mha.gov.in> and the registration on the website is started.

# eGranthalaya



## Cloud-based

eGranthalaya is a cloud-based Library Management Software that facilitates to automate the in-house activities of the library as well as member services.

## Libraries

eGranthalaya has been successfully implemented in 70+ libraries in Tripura.

## ICT Solution

It is a complete ICT solution with integrated Library Management Software, Digital Library Module, Cloud hosting environment and a Library Portal (OPAC)



# Transport: Major projects



## Vahan & Sarathi

- ❖ Implemented in all DTO's of Tripura
- ❖ Processing and Issue of all DLs, RCs, Fitness Certificates & permits.



## eChallan & Virtual Court

- ❖ Traffic Enforcement Module implemented for Tripura Traffic Police.
- ❖ Integration with Virtual Court is under process.



## Pucc

- ❖ Caters to Pollution checkpoints across the State
- ❖ Captures Smoke Parameters and Vehicle details
- ❖ Pucc issued to vehicle owner if pollution emissions are within norms.



## mParivahan

- ❖ App for Citizens to avail online transport information and services.
- ❖ Digital Licenses and Registration Certificates can be downloaded through the App.

### Vahan & Sarathi

- ❑ Statistics till September 16, 2021:
- ✓ Total DL'S issued: 7,85,579
- ✓ Total Vehicles Registered: 6,22,928

### Pucc

- ❑ Statistics till September 16, 2021:
- ✓ Total Pucc issued: 3,67,127
- ✓ Total Centres: 110

### eChallan

- ❑ Statistics till September 16, 2021:
- ✓ Total issued: 82,656

# eCounselling

Online application which caters to application of candidates, payment of fees, merit list generation and seat allocation in multiple rounds for ITI admissions, Diploma entrance, Joint Entrance examination nursing and UG & PG admissions for medical colleges.



Total candidates catered to: ~33,000

# eAbgari

An online platform for comprehensive delivery of services under excise organisation viz, application and grant of license, issuance of import permit, label registration, stock inventory management, monthly returns filing etc.

Transactions done till date: ~50,00,000

## ANALYTICS



E-TRANSACTION : TODAY 42,322



E-TRANSACTION : TILL DATE 51,38,424



LICENSEE 154



REGISTERED USER 303



PERMIT/PASS ISSUED 9,304



PORTAL HIT COUNT 1,18,958




E-SERVICE DELIVERY STATISTICS



Know the details of Permit/Pass




# e-Municipality

**e-MUNICIPALITY**  
Urban Development Department  
Government of Tripura

HomeAboutContact UsDocumnets -Property Tax CalculatorCSC ConnectDashboard

Department Login ▾

**Smt. Santana Chakma**  
Hon'ble Minister  
Urban Development Department.

ONLINE SERVICES

AGARTALA MUNICIPAL CORPORATION

✓ Online Property Tax Payment

+ Online Trade Licence

+ Online Building Plan/Construction Permit


+ Online Touji

+ Online Signage/Hoarding Application

+ Online Sewer Connection

+ Grievance And Feedback

✓ Booking For Septic Tank Clearance



ONLINE SERVICES

OTHER URBAN LOCAL BODIES


✓ Online Property Tax Payment


+ Online Building Plan/Construction Permit


+ Online Trade Licence

+ Online Signage/Hoarding Application

+ Online Sewer Connection

  
The national portal of India

  
Official Portal of Govt. of Tripura



An online application which caters to municipal services of demand generation and Property tax payment, water tax payment, trade license issuance, touji registration, hoarding licence issuance, building plan construction permit, application for signage and hoarding, application for sewerage connection etc.

## Health: Major Projects



***e-Hospital*** is a workflow based cloud hosted, EHR standard 2016 compliant, Hospital Management Information System (HIMS) for internal processes and workflows of hospitals for all type of hospitals. e-Hospital is integrated with National Digital Health Mission(NDHM) ecosystem.

❑ In Phase 1, e-Hospital has been implemented in 23 health facilities

- ❖ 2 Nos Medical Colleges
- ❖ 1 No State Referral hospital
- ❖ 7 Nos District Hospitals
- ❖ 11 Nos Sub-Division Level Hospitals
- ❖ 1 No Regional Cancer Centre
- ❖ 1 No State Level Psychiatry Hospital

❑ In Phase 2, implementation underway in 1 Sub-Division level hospital and 22 CHCs.



## Health: Major Projects



***Online Registration System (ORS)*** is the online patient portal where patient centric services are delivered online

- ❑ ORS has been implemented for 23 health facilities
  - ❖ 1 Nos Medical Colleges
  - ❖ 1 No State Referral hospital
  - ❖ 7 Nos District Hospitals
  - ❖ 11 Nos Sub-Division Level Hospitals
  - ❖ 1 No Regional Cancer Centre

## Health: Major Projects

***e-BloodBank*** is a complete Blood Bank Management System for internal workflows of a blood banks.

**e-BloodBank@NIC**

- ❑ e-BloodBank has been implemented for 14 Blood Banks of Tripura.

# NICNET Infrastructure and Services



**Tripura Secretariat LAN**

**12 nos. of BSNL / Railtel  
links**

**Secretariat Building**

**NIC Tripura Mini Cloud**

**Total = 855 Nodes**

**Connected to NIC DHQ**

**Video Conferencing**

**Hyper-Converged  
Infrastructure**



# NICNET Infrastructure and Services

## NICNET Connectivity

- ✓ All 8 NIC DHQ are connected. 34 Mbps BSNL links to 4 NIC DHQ from Agartala.
- ✓ 1Gbps/ 100 Mbps NKN redundant links to 7 NIC DHQ.
- ✓ 1Gbps connections to High Court, Assembly, State Guest House, Industry and SDC.
- ✓ 100Mbps & 8 Mbps BSNL link to Raj Bhawan; 100Mbps & 32 Mbps to CM Residence.
- ✓ 2 Mbps BSNL Lease Line provided to Assembly, Circuit House, PWD, ICAT, Pragna Bhawan, AG Office, Horticulture, SIPAARD, etc.
- ✓ Some user paid circuits are 100Mb to AG Office, 34Mb to Census and JICA, 8 Mb to ADEO, 4Mb to FCI, CGHS, etc.

## Core Infrastructure

- 24x7 NOC and NKN Support
- 10 Gbps Links to two Super Core Locations—
- ✓ Kolkata & Guwahati

## VC Services

- ✓ Total 8 nos. VC Studios in District NIC.
- ✓ Total 3 nos. of VC Studios at Tripura Sate HQ.
- ✓ Total 26 Nos of VC studios registered with NIC in Tripura.
- ✓ 1800 avg VC support sessions per year.
- ✓ Supported Desktop VC.
- ✓ Extensive use of VC Service during Covid19 situation.

# NICNET Infrastructure and Services

## Secretariat LAN

- ✓ Designed with three layer architecture with fiber connectivity up to Access switch.
- ✓ 1 Gbps backbone connectivity from Core Switch to Distribution switch (DS). Building Distribution switches have redundant links.
- ✓ 1 Gbps backbone connectivity from DS to Access Switch.
- ✓ 7 Blocks (1,2,3,4,5,6,7) are connected .
- ✓ All Blocks in 2nd and 3rd Floor are fully connected with secured WiFi .
- ✓ All devices are Cisco. Firewall Checkpoint 4800 is used. All Core Devices (Cisco 4510 and 3750 model) are configured having redundant links.
- ✓ 24x7 Monitoring with NMS tool.
- ✓ McAfee IPS is used to detect and analysis of a threat on network at real time.

## WiMax / RF Links

- Agartala:
  - ✓ GB- ITI -5 Mbps
  - ✓ GB- Cancer Hospital - 5 Mbps
  - ✓ Forest- NH 44 - 2 Mbps
  - ✓ Forest - ARDD - 2 Mbps
  - ✓ Forest - Sec & Annex - 5 Mbps
  - ✓ Forest - Factory & Boiler - 5 Mbps
  - ✓ Forest – Highcourt - 5 mbps
  - ✓ Forest - SGH - 2 mbps
- Dhalai - no sites at present
- Unakoti - no sites at present
- Gomati - no sites at present

## Raj Bhawan

- ✓ 100 Mbps OFC Link to Raj Bhawan
- ✓ 8 Mbps BSNL link to Raj Bhawan
- ✓ Video Conferencing

# NICNET Infrastructure and Services

## Courts / Jails Connectivity

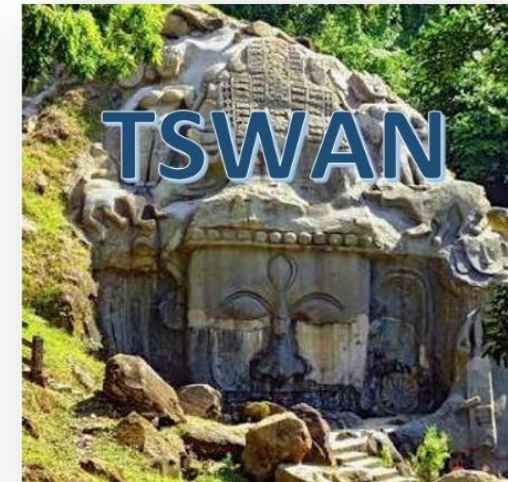
- ✓ 1Gbps OFC connection to Tripura High Court.
- ✓ 100Mbps OFC connection to the Chief Justice Residence.
- ✓ 100Mbps OFC connection to District Courts Agartala, Gomati and Dhalai. 10Mbps connection to District Court Unakoti, Sepahijala, North and South District.
- ✓ 4 Mbps connection to District Court Khowai.
- ✓ 2Mbps BSNL Leased Line to District Court Agartala and Gomati.
- ✓ 2Mbps BSNL Leased Line to Bishalgarh and Gomati Jail.

## PHQ/SP Office/PS Connectivity

- ✓ 1Gbps OFC connection to Police Head Quarter Agartala.
- ✓ 100Mbps connection to the DG Residence.
- ✓ 100Mbps connection to Traffic Control Office.
- ✓ 100Mbps connection to SP Office in 7 districts.
- ✓ 10Mbps (shared with SWAN) connection to Police Station in 125 sites for CCTNS Project.



# National Knowledge Network(NKN)

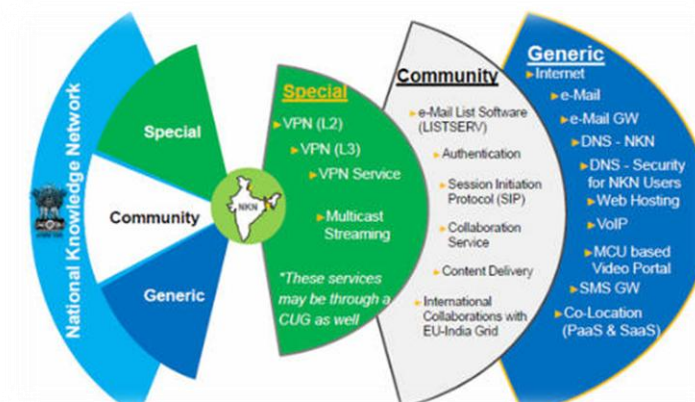
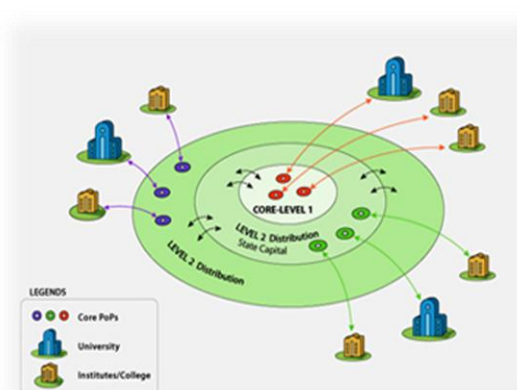


8 districts of Tripura are connected with NKN (100 Mbps/ 1Gbps)

10 nos. of Higher Education Institutions are connected with NKN (100Mbps/1Gbps)

Tripura State Data Centre connected with 1 Gbps Link from NKN

NKN-TSWAN integration with 8 districts





# NKN Infrastructure and Services

## Infrastructure

- ✓ 24\*7 Operational Network Operation Center and 10 Gbps PGCIL and RAILTEL links to two super core locations - Kolkata and Guwahati.
- ✓ 42U size 8 Rack capacity NOC.
- ✓ 60x2 KVA online UPS with 2-3 hours battery back up.
- ✓ One DG set for power disaster recovery.
- ✓ Server room equipped with Fire suppression system.

## NKN- Districts

- ✓ 1 Gbps / 100 Mbps Railtel and BSNL fiber optic connectivity to 8 districts of Tripura with NKN.
- ✓ Two inter-district NKN links are provided for redundancy.

## Tripura State wide area network (TSWAN)

✓ NKN have SWAN integration with 8 districts of Tripura.

✓ Total 84 SWAN sites are connected with BSNL/Railtel 10 Mbps Links.

✓ Approx. 4000 users are connected in TSWAN.

- ❑ Total 10 nos. of higher educational institutes are connected from NKN Agartala under the following category:-

Engineering,  
University

Medical

Library

Research & Development

- ❑ 2 nos. of 1Gbps NMEICT links are also included in the list:-



NIT Agartala



Tripura  
University

# Mini Data Centre Infrastructure and Services

## ❑ Hyper Converged Infrastructure (HCI)

### ❑ Cluster Cloud Software Details

- ✓ Cloud Manager & Orchestration: Vmware
- ✓ Backup Application: DELL EMC Networker
- ✓ Software Load Balancer: Radware
- ✓ Cloud Storage : vSAN


### ❑ Virtualization Layer

- ✓ VMware vSphere
- ✓ VMware vCenter

### ❑ VM PLATFORM OS

- ✓ Windows : Windows Server Data Centre Edition
- ✓ Linux: Red Hat Enterprise Linux

## ❑ Cloud Resource Details:

	Capacity	Used	Free
CPU	1.29 THz	118.55 GHz	1.17 THz
Memory (in TB)	6.37	2.26	4.11
Storage (in TB)	448.33	136.85	311.48

## ❑ Infrastructure other than Cloud:

- ✓ Blade Server – 24 Nos
- ✓ HP SAN Storage : 50 TB
- ✓ SAN Switch- 3 Nos.

## Message

“

Transparency in governance leads to greater responsibility towards people and a sense of accountability, which in turn bring changes in work culture and impact of (government) schemes.

