## DIGITAL CONNECTIVITY STATUS ACROSS THE STATE

### BHARATNET COVERAGE

BharatNet is being implemented by Bharat Broadband Network Ltd. (BBNL), a Govt. of India Enterprise. The objective of the project is to connect all the Gram Panchayats (GPs) with high-speed Broadband through optical fiber cable (OFC). The project is being executed through RailTel, a Govt. of India Enterprise. As intimated by BBNL, Internet services at GPs/VCs will be provided by Bharat Sanchar Nigam Limited (BSNL), a Govt. of India Enterprise. Execution of BharatNet project in Tripura is going in advance stage. At present, there are 1178 GPs/VCs and 58 Blocks in Tripura. Out of 1178 GPs/VCs, total 515 GPs/VCs (including pilot) have been connected.

### Intra District OFC Network Coverage

Intra district OFC network (USOF Funded) project was designed to create Optical Fiber Backbone for creating intra/inter district network connecting all DHQs and SDHQs (Blocks) in the State. The programme envisages to lay OFC cable and provides 10 Gbps bandwidth. USOF envisages using existing fiber and collocation facility for creation of this network to reduce CAPEX requirement. The bandwidth so created shall provide high-speed connectivity within the State. In Tripura, 51 PoPs were identified and presently 37 PoPs have been commissioned by RailTel. For remaining nodes, there is a dependency on BSNL dark fiber which is yet to be made available by BSNL. Further, the State Government has requested DoT to consider new 40 nodes which have come out due to administrative reorganization by the State Government.

### SWAN

All DMs, SDMs, and BDOs offices were initially connected through 2 Mbps leased lines. However, in view of increase in usage of the network, the bandwidth has been upgraded to 4/8/10/100/1000 Mbps depending on the requirement. As on April 2019, total 84 SWAN Point of Presences (PoP) has been setup to connect 91 sites (SHQ, All DMs, All SDMs, All BDOs) through SWAN. Using these SWAN PoPs, 244 numbers of various Departmental offices are also connected for Internet Services (NICNET). Now, in Tripura, no left-out block is available to be connected under SWAN and hence we have achieved 100% SWAN coverage in Tripura up to Block level.

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Horizontal Extension of SWAN

Under Horizontal Extension of SWAN (H-WSWAN) project 114 offices have already been connected. These offices have been connected for providing data, voice and video services through RF (Radio Frequency), OFC (Optical fiber cable) and Ethernet Technology.

Agartala City Area Network (ACAN)

Under ACAN, 22 office complexes at Agartala have been connected through optical fiber cable having backbone with minimum 1 Gbps capacity. Till date, 69 directorate level offices of various departments have been connected. IP phones have been provided to senior officials of Govt. of Tripura for voice communication.

Tehsil Connectivity

Internet connectivity to 23 Tehsils through optical fiber cable from nearest SWAN Pop (at DM/SDM/BDO Offices) having maximum distance up to 500 meter have been covered under eDistrict. BSNL has already provided internet connectivity to 50 Tehsils with land line broadband. So, total 73 Tehsils have been connected.

Tripura State Data Center (TSDC)

Tripura State Data Center (TSDC) was operational 24x7 basis since 24th Dec 2010. Currently, around 80 applications and around 120 websites of different State Govt. Departments/Organizations are hosted and running from TSDC. TSDC is providing Cloud services to different Departments. Preparation of proposal is currently in-progress for setting up of new Data Center at IT Bhavan.

Digital Seva(e-District)

Digital Seva (e-District) is an online service delivery platform. It has been implemented in the State to deliver citizen centric services online. It is now offering 23 services of various State Govt. Departments in the State. 17 services of Tripura e-District has been integrated with CSC (Common Service Center) successfully.

UMANG

UMANG (Unified Mobile Application for New-age Governance) is a mobile app to facilitate a single point of access to major services offered by central and State Government Departments. It is developed by Ministry of Electronics and Information Technology (MeITY) and National e-Governance Division (NeGD) to drive Mobile Governance in India. 7 services of Tripura Industrial Development Corporation Limited (TIDCL) have been onboarded in UMANG. Twenty one (21) numbers of services of e-District Tripura are available on UMANG platform.

DIGILOCKER

DigiLocker is a platform for storing digital documents & certificates of citizens using digital signature facilities. Twenty one (21) numbers of services of e-District Tripura are onboarded in DigiLocker platform. In addition, twelve (12) numbers of services (4 from AMC, 6 from Directorate of Labour, 2 from TBSE) have been submitted to Digilocker team for integration.
WORKSHOP ON OPENFORGE

OPENFORGE is Government of India's platform for open collaborative software development of e-Governance applications. The State level workshop on OpenForge platform (https://openforge.gov.in), organised by Directorate of Information Technology, Govt. of Tripura in association with National e-Governance Division, Ministry of Electronics and information Technology (MeitY) has been completed successfully at Agartala on 5th & 6th March 2019 at Pragna Bhavan, Tripura. Total 40 officials had attended the training programme. Shri Debabrata Nayak, Addl. Director, Shri Amit Savant, senior consultant, Shri Ajoy Agarwal, consultant Ajit Kumar, web application developer, Durgesh kumar Singh, web UX designer were the resource persons from NeGD, Govt. of India. The programme started with a welcome address by Shri BidyutDutta, Joint Director, IT. Shri Nayak discussed in detail about the OpenForge and cloud based micro service architecture and Shri Amit Savant dealt with OpenForge features. Shri Ajay Agarwal dealt with the software development best practices. Shri Ajit Kumar and Shri Durgesh Kumar Singh discussed the GIT features and system set up for GIT. All participants were given a full day hands on training on GIT. The session ended with a concluding remark by Shri Nayak. A 5-member team from DIT constituting of 2 SeMT consultants won the 1st prize in the OpenForge contest.

WORKSHOP ON UMANG & DIGILOCKER

The State level workshop on UMANG (https://web.umang.gov.in) and DigiLocker platform (https://digilocker.gov.in) organised by Directorate of Information Technology, Govt. of Tripura in association with National e-Governance Division, Ministry of Electronics and Information Technology (MeitY) has been completed successfully at Agartala on 7th March 2019 at Pragna Bhavan, Tripura. Total 54 officials had attended the training programme. Shri Neeraj Kumar, Director (PA &Finance), Shri Amit Savant, Senior Consultant, Shri Naveen Raja, Consultant were the resource persons from NeGD, Govt. of India. The programme started with a welcome address by Shri Salil Das, Director,
Shri Neeraj Kumar and Shri Naveen Raja discussed about UMANG. Shri Amit Savant discussed in detail about the DigiLocker features. The session ended with concluding remarks by Shri Savant.

**e-OFFICE**

e-Office is aimed to conduct the office procedures electronically for a simplified, responsive, effective and transparent working in government offices. It is a mission mode project under the flagship Digital India (DI) programme. eOffice (eFile) had been implemented at 8 offices. In January, February, March, 2019 eOffice is implemented in 3 Departments viz. Tripura Bio-Diversity Board, General Administration (Secretariat Administration) and General Administration (Administrative reforms). Training and demonstration were also provided to the officials from these Departments.

**TRIPURA CASHLESS PORTAL**

Tripura Cashless Portal which is an adoption of Haryana Cashless Portal is under the initiation phase in Tripura. This portal will enable the Govt. Departments/PSUs in Tripura to upload their digital transactions done within their organization.

**PANCHAYAT MONITORING SYSTEM (PMS)**

Panchayat Monitoring System (http://pms.tripuragov.in), developed by Directorate of Information Technology for RD (Panchayat) Department, had been launched by Shri Biplab Kumar Deb, Hon’ble Chief Minister, Tripura on February 1, 2019 at the Conference Hall No. 1 of Secretariat Building, Agartala. It is a web-based platform for the panchayat secretaries, rural programme secretaries, village secretaries and rural programme managers of various gram panchayats and village committees of Tripura for reporting various issues related to the line Departments of Government of Tripura. The issues registered can be viewed by the users of Line Departments based on their jurisdiction.

**WEBSITE DEVELOPMENT**

One new website was developed and launched for Directorate of Social Welfare & Social Education, Govt. of Tripura. One website has been re-designed and launched for Urban Development Department, Govt. of Tripura.
LAUNCHING OF PORTAL FOR CHIEF MINISTER’S RELIEF FUND

The portal for Chief Minister’s Relief Fund (https://cmrf.tripura.gov.in) had been launched on 9th January, 2019 by Shri Biplab Kumar Deb, Hon’ble Chief Minister, Govt. of Tripura. It has been designed and developed by the Directorate of Information Technology, Government of Tripura.

DIGITAL LITERACY (PMGDISHA)

Under PMGDISHA four training partners and 636 training centers have been approved till date. Around 74,372 numbers of students have been registered, 74,013 numbers of training have been completed and 36,258 numbers of candidates are certified. Out of eight districts, top performing district is Dhalai district with 16,145 numbers of students registered, out of which 16,065 numbers of training have been completed and certified candidates are around 11,185.

COMMON SERVICE CENTER

1432 nos. of common service centers (CSC’s) are registered with 892 nos. at GP level covering 782 nos. of GP’s. 2289 nos. of cases were registered under tele-law scheme. 5158 nos. of digi-pay with an amount of Rs.1,19,72,500 were transacted in January, February and March 2019. 162670 nos. of DigitalSeva transactions and an amount of Rs.1,74,76,556 were recorded in January, February and March, 2019. In PMJAY/ Ayushman Bharat total beneficiaries were verified 1,89,988 through CSCs. e-District Service has been started through CSCs. HDFC Banking Correspondence (BC) service through CSC has been started and 281 VLEs have opened current account till date. CSC Wallet has been integrated with e-GRAS for roll out state Paribahan services (Vahan & Sarathi). Eight (8) Villages have been chosen in all eight (8) district’s for Digital Village scheme. CSC-e-Governance Services India Limited has implemented NIELIT facilitation center, solar street light, financial inclusion awareness and telemedicine facilities in those GPs with all DigitalSeva services under Digital Village scheme.

Fig: Solar light installation in west Gandhigram GP under west Tripura district under Digital Village scheme on 21st March, 2019.

Fig: Telemedicine consultation conducted by VLE Anup Kumar Das in Indranagar GP, Satchand Block, South Tripura on 30th March, 2019.
Fig: Financial inclusion awareness program held by VLE Rahul Das in west Gandhigram GP under west Tripura district on 30th March 2019.

WORKSHOP ON OPTICAL CHARACTER RECOGNITION (OCR)

A sensitization workshop for the IT Nodal Officers on Optical Character Recognition (OCR) held at Directorate of IT on 10th January 2019. Total 65 officials from various State Govt. Departments had attended the workshop.

VISIT OF SRI J. SATYANARAYANA, CHAIRMAN, UIDAI

Sri J. Satyanarayana, Chairman, UIDAI & member State Planning Board, conducted a meeting to discuss on action plan for designing the IT road map of Tripura on 22nd February, 2019. He has also visited Common Service Center (CSC), Patunagar GP, Salbagan, Tripura (w) on the same day.

For any query / feedback, please send e-mail at itdept-tr@nic.in