1. IT/ITeS Policy and Roadmap 2017

IT/ITeS Policy has been released on 29th May 2017 and it has been published at the DIT website as well as at the State Portal. Four strategic thrust areas are there in the IT Policy, which support the various e-Governance foundations at Tripura. The four strategic areas include 1. Digital Transformation of Government Service, 2. Development of Digital Infrastructure, 3. Capacity Building, Training and Skill Development, 4. Positioning Tripura as an attractive location for investment in IT/ITeS segment. The vision and the mission statements of the IT Policy clearly articulates the above four major key themes of the future of e-Governance direction within the state.

2. Inauguration of IT Bhavan & STP

The Information Technology (IT) Bhavan at Indranagar has been inaugurated on 24th April 2017 by Shri Manik Sarkar, Hon’ble Chief Minister, Govt. of Tripura; in presence of Shri Tapan Chakraborty, Hon’ble Minister, IT, Govt. of Tripura; Shri Prafullajit Sinha, Hon’ble Mayor, AMC, Agartala; Shri Sudip Roy Barman, Hon’ble Member, Tripura Legislative Assembly; Shri M. Nagaraju, Principal Secretary, IT, Govt. of Tripura; Dr. Omkar Rai, DG, STPI; Shri P. K. Das, Director, STPI, Guwahati and Shri Debapriya Bardhan, Director IT, Govt. of Tripura. The IT Bhavan at Indranagar, Agartala is one of the biggest IT park at Tripura. IT Bhavan is a state of the art six storied intelligent building having total 89,292 sq. feet carpet area. This IT Bhavan ensures most of the cutting edge technological IT Infrastructure like, optical fibre connectivity, Broadband connectivity, Wi-Fi access, Video Conferencing and various other incubation facilities. The objective of this IT Bhavan is to bring in IT industry within the state and give employment opportunity and employment avenues to the IT educated youth within the State. Major part of the first floor of IT Bhavan having 5000 Sqr Ft area will be allocated for the Tripura State Data Center (TSDC) where 3000 Sqr Ft area will be used by the server room. This IT Bhavan shall house the Tier III State Data Center (SDC) based on Government of India guidelines and TIA-942 and ISO 27001:2013 standards. The 2nd Floor having 12756 sqrt ft of carpet area currently allotted to the Directorate of Information Technology (DIT), Government of Tripura. Top Three Floors of the IT Bhavan having 38,268 Sqr ft area will be utilized by the Software Technology Park of India (STPI), a Govt of India organization. Ready-to-use incubation space will be available at the IT Bhavan for the start-up companies, aspiring entrepreneurs, multinational companies in the field of IT/ITeS and the space can be utilized as per their requirements.

The major services provided by the the IT/ITeS companies would be of the nature of:
- BPO and Call Centers services
- Electronics System Design & Manufacturing (ESDM) Innovation Center services
- Web Development – hosting, authoring & maintenance services
- Internet Service Provider with shared internet facility services
- Software Development and IT Services
- IT/ITeS Support-24X7 Services
The Software Technology Park (STP) at Lichubagan, Agartala has been inaugurated on 25th April 2017 by Shri P. P. Chaudhury, Hon’ble Minister of State for Electronics & IT, Govt. of India; in presence of Shri Tapan Chakraborty, Hon’ble Minister, IT, Govt. of Tripura; Shri Sanjiv Mittal, Joint Secretary, MeitY, Govt. Of India; Shri M. Nagaraju, Principal Secretary, IT, Govt. of Tripura; Dr. Omkar Rai, DG, STPI and Shri P. K. Das, Director, STPI, Guwahati.

3.1 Inauguration of WiFi Connectivity Setup at Tripura State Secretariat & the new DIT Website

The Wi-Fi connectivity setup at Tripura State Secretariat and new DIT Website have been inaugurated at Tripura State Secretariat on 16th May 2017 by Shri Tapan Chakraborty, Hon’ble Minister IT, Govt. of Tripura, in presence of Shri Sanjeev Ranjan, Chief Secretary, Govt. of Tripura; Shri M. Nagaraju, Principal Secretary IT, Govt. of Tripura, Shri Debapriya Bardhan, Director IT, Govt of Tripura and Shri C. K. Dhar, SIO, NIC, Tripura State Unit. All the current information have been updated at the DIT Website and the information dissemination practice is further strengthened within the state’s highlights. The link of the DIT portal is http://www.dit.tripura.gov.in.

3.2 Agartala City Area Network (ACAN)

Under ACAN, 23 office complexes at Agartala have been connected through optical fiber cable having backbone with minimum 1 Gbps capacity. Till date, 67 directorate level offices at various departments have been connected. Plan is being prepared to connect left out offices with ACAN to provide high speed NICNET internet services.

3.3 SWAN Coverage

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. At present, using 72 SWAN PoPs, 77 sites (DM/SDM/BDOs) are connected through SWAN. Works is in progress to connect 12 remaining newly created blocks. Using these SWAN PoPs, 232 numbers of various Departmental offices are connected with NICNET.

3.4 HSWAN Coverage

Under Horizontal Extension of SWAN (HSWAN) project 89 offices have already been connected and 12 more offices have been connected with internet services. These offices have been connected now for providing Data, Voice and Video services through RF (Radio Frequency), OFC (Optical fiber cable) and Ethernet Technology. Now, it is planned to connect all the remaining uncovered offices of
various departments at State, District, Subdivision and Block level through HSWAN.

The project is financially supported by the user departments. Now, all the departments have been requested to indicate the list of offices based on the requisition received from the departments estimations are being prepared and shared with the departments.

3.5 Tehsil Connectivity

Under e-District project, the internet connectivity will be provided to 222 Tehsils. Internet connectivity to 23 Tehsils through optical fiber cable from nearest SWAN PoP (at DM/SDM/BDO Offices) having maximum distance upto 500 meter. BSNL has been requested to provide Internet connectivity to remaining Tehsils. BSNL has already provided internet connectivity to 48 Tehsils with land line broadband.

3.6 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 program envisages to lay OFC cable (at least 24 F underground) and provide 10 Gbps bandwidth. USOF envisages to use 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 32 PoPs have been Commissioned by RailTel and 5 more will be commissioned by August 2017. For remaining nodes, there is 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.

3.7 BharatNet Coverage

Execution of BharatNet (earlier NOFN) project in Tripura is going in advance stage. Out of 1021 GPs/VCs, 78 GP/VCs have been commissioned and 14 GP/VCs have been connected through NOFN pilot project. Government of India has been requested to consider new GP/VCs in NOFN implementation plan. NOFN has been already rolled out in Unakoti district. The project is expected to be completed by March 2018.

3.8 Mobile Coverage

BSNL has provided 77,487 3G connections and 2,87,833 2G (total 3,65,320) connections. BSNL is yet to provide 4G connections. Other Telecom operators namely, Reliance JIO, Idea, Airtel, Aircel, Vodafone and Reliance are having 23,22,477 mobile connections in Tripura.

3.9 Tripura State Data Centre

TSDC is provisioned SAN Storage system with 130 TB RAW capacity. Currently, around 100 applications and websites of around 50 different State Govt. Departments /organizations are hosted and running in TSAD. Many other departmental applications and websites are in pipeline. TSAD has implemented Cloud Technology solution in 2016 and it has started offering Cloud services to few State Departments and has plan to offer Cloud services to all State Departments.

4. eDistrict Project

The e-District project is being implemented for electronic delivery of citizen centric services at district and sub-division levels across the State. In eDistrict, 3 more services viz. "Registration of Trees under Jote land", "Verification/Re-verification of Weights, Measures, Weighing and Measuring Instruments" and "Registration of Packer, Manufacturer and Importer" have been added to the e-District portal which has made the total service count to 19. The integration of eDistrict services with UMANG (Unified Mobile App for New-age Governance) has been initiated and it has been targeted to complete the integration by September 2017.

5. Implementation of eOffice at all the directorates of Industry and Commerce

The eOffice is a Mission Mode Project under the flagship Digital India (DI) programme. It is aimed to conduct the office procedures electronically for a simplified, responsive, effective and transparent working in government offices. The eOffice has been successfully started at DIT on 30th June 2017. This will be implemented in the other directorates of Industry & Commerce Department (I&C) department i.e. Industry & Commerce, Skill Development and Handloom Handicraft & Sericulture (HHS) by next quarter. The eOffice has been hosted at Tripura State Data Center(TSAD) and DIT is the nodal department for implementing the eOffice across all the departments.

6. CSC 2.0 Setup across the State

CSC 2.0 scheme was launched in Dec’15 by Govt. of India. Directorate of Information Technology (DIT) has derived
an action plan and narratives for implementing this scheme in timely and effective manner in Tripura as per broader guidelines of Ministry of Electronics & Information Technology (Meity), Govt. of India. Total sixteen (16) District Managers in 8 districts and One (1) State Manager are appointed for managing for CSC 2.0 day to day operation. CSC 2.0 District Managers have started working under DeGS for implementing CSC2.0 scheme for all the GP/ADC villages. Expressions of Interest (EOIs) for identification of Village Level Entrepreneur’s have been floated in all the districts for covering remaining GP/ADC villages across the state. About Six Hundred (600) proposals have been received from interested VLEs out of which, around Four Hundred and Ninety five Fifty (495) proposals have approved and registered in Digital Seva portal. The approved VLEs are setting up new CSCs and all the concerned officials are extending full support to VLEs for timely setup of CSC. Besides, a State Level Helpdesk has been setup at DIT Agartala to quickly response for any unresolved issue raised by VLE. Some DeGSs have further opened to receive fresh proposals from interested VLEs for the remaining GP/ADC villages.

Pradhan Mantri Gramin Digital Saksharta Abhiyaan (PMGDISHA) is the scheme to make six crore persons in rural areas, across States/UTs, digitally literate, reaching to around 40% of rural households by covering one member from every eligible household by 31st March, 2019. The target of 1,95,000 has been set for Tripura. This scheme will be implemented through CSC VLEs and Training Partners (TP). As on date 1949 students have been registered and out of them 357 candidates have been certified. Legal Literacy Project (LLP) 48 CSC has been assigned to provide awareness on Legal Literacy to the citizens. A Target of 1920 has been set for Tripura and department has successfully completed LLP in 29th of this month with 2019 citizens trained.

A new Scheme named Tele Law Service is coming through CSCs. For this service 40 CSCs have been identified. There will be One(1) Panel Layer at state level and 40 Para Legal Volunteer (PLV) who will be attached with CSCs for collecting legal cases and panel layer will provide legal solution to those cases.

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In line with the vision of Digital India, Ministry of Electronics and Information Technology (GoI) has initiated the mission mode project of project of DigiGaoon, to be initially implemented in 1050 Gram Panchayats spread across at least 30 block in equivalent number of States and UT. The project aims to improve the delivery of health care and education through tele-medicine and tele-education services.

Further, provisioning of community access to IT enabled resource centre, Wi-Fi and LED street lighting at common place in the village will create conducive environment for digital literacy, financial inclusion and digital access to knowledge and services at the citizen’s end.
State IT department has been actively engaged in ensuring that the pre-requisites and preparation for successful implementation are in place. Two of the blocks at Sepahijala district, Mohanbhog (No. of GPs- 13) and Nalchar (No. of GPS- 25) have been selected for the Digi Gaon Pilot implementation within the state. Regarding the proposed 30 Gram Panchayets, 40 Schools and 3 PHCs, all the required information have been Submitted to NeGD and MeitY for further processing.

7. Updates on eROR

Based on the proposal submitted by DIT, an application software has been developed by NIC for delivering Record of Rights (RoR) like Khatian, Digital Man from CSC outlets. The application software has been tested rigorously to cover all test scenarios including service charge distribution among various stakeholders. It has been confirmed by CSC e-Gov that test outcomes are satisfactory and the system is ready for production movement from their end.

12. National Rurban Mission (NRuM) Project

The Mission of National Rurban Mission (NRuM) intends to simulate local economic development, enhance basic services and create well planned Rurban clusters. Two (2) Rurban clusters namely Hrishyamukh and Nirbhoypur will be developed under South Tripura and Sepahijala Districts respectively, which have latent potential for growth in Tripura and trigger the overall development in the region. The deficiency analysis and desired level identification exercise has been performed for identifying the IT Components and services during Integrated Cluster Action Planning (ICAP).

9. Skill Development

Ministry of Electronics and Information Technology (MeitY), Govt of India has rolled out a “Scheme for Skill Development in ESDM for Digital India”.

Under the scheme, DIT has organized the ESDM workshops on 20th May 2017 at Tripura in order to create the synergy between the various agencies involved in the process of implementation of the scheme. The workshop has been inaugurated by Shri Sanjiv Mittal, Joint Secretary, MeitY, Govt. Of India; in presence of Shri M. Nagaraju, Principal Secretary, IT, Govt. of Tripura; Shri Debapriya Bardhan, Director IT, Govt of Tripura and Dr. Ashwini Kumar Sharma, DG, NIELIT. The objective of this ESDM workshop was to share the experience/knowledge with all the stakeholders to improve the programme. Directorate of IT, Govt. of Tripura is already implementing Skill Development activities in ESDM through NIELIT-Agartala.