

Information Technology Development Agency (ITDA)

MPR for the month of October 2018

Progress of following Projects during the month being taken up at ITDA

1. Common Service Centre (CSC)

Common Service Centre (CSC) A total of 8791 (6955) in GPs) Common Service Centers (CSC-Devbhoomi Jansewa Kendras) have been established with e-wallet created for 8791 CSCs, in the State. 5246 CSCs have been approved for providing e-District Services. In addition, other services such as Aadhaar registration, Banking services are being offered by the CSCs.

2. State Data Centre

State Data Centre Tender open on 8th May 2018, four firms have been received for UKSDC, QCBS completed, also Bid Evaluation Completed., LI awarded to M/s Sify Technology Ltd.

- LOI award for M/s Sify Technology Ltd.
- Work Order for Implementing Uttarakhand State Data Center (SDC) given to M/s Sify Technology Ltd.
- Revised Civil Drawing has been approved.
- M/s Sify Implementation Team visited on 20th July 2018, and work has been started.

3. e-District project

e-District Project State Wide Rollout for 13 services (Caste, Income, Domicile, Character, Solvency, Hill Area Certificate, Freedom Fighter Dependent Certificate, Uttarjivi Certificate, Birth Certificate, Death certificate, Parivar register entry, Pariwar register Copy & Registration in Employment Exchange) has been completed in the 13 district of Uttarakhand namely: Haridwar, Uttarkashi, Chamoli, Tehri, Rudraprayag, Dehradun, USNagar, Bageshwar, Champawat, Almora, Pithoragarh and Nainital. Offline data entry of parivar register has been completed in Tehri and being carried out at US Nagar and Haridwar which will be integrated after completion. Few services at few districts are showing no transactions despite its addition. For monitoring at district level, DeGS have already been functional at all Districts with E-District Manager reporting to respective DMs. Services are being provided through 132 eDistrict centres, 16 Employment offices and through approved CSCs in the State. 16 Services (13 as above and Old age pension, Widow pension, Handicap pension) are being delivered in pilot district of Pauri Garhwal. Revenue Court Services Module started successfully for Dehradun DM court on trial after necessary modifications, as suggested by Dehradun Revenue officials, by NIC. Helpdesk has been set up and are continuously attending various general and technical calls to resolve queries under e-District and CSC project. Overall around 67.30 lakhs

applications as on 14th Sep 2018 have been processed in all the districts of Uttarakhand under e-District Project till date.

4. UKSWAN

UKSWAN network is operational through 133 Point of Presence (PoPs) as vertical connectivity upto Block / Tehsil level. Under UKSWAN, 10 Mbps Lease Line between State Headquarter (SHQ) to District Headquarters (DHQs) and 02 Mbps Lease line from District Headquarters (DHQs) to Tehsil/Blocks (THQ/BHQ) is being provided through BSNL. SWAN equipment are End of Life & End of Support. Presently approx. 1370 offices have been connected through horizontal SWAN connectivity. Apart from this, National Knowledge Network (NKN) has also been integrated with UKSWAN upto district level except DHQ Dehradun. State Government has approved Bandwidth upgradation from 10 Mbps/34 Mbps at 113 THQ/BHQ PoP and order has been placed on BSNL for the same and 111 sites have been upgraded by BSNL. GSTN is being routed through UKSWAN, therefore, BSNL has requested to expedite and complete upgradation work immediately.

The tender has been finalized for UKSWAN upgradation and M/s CCS Computers Pvt. Ltd. is the L1 bidder. Accordingly, Lol has been released to the respective firm. The Contract Signing is proposed to be completed by 16/10/2018.

5. Aadhar

This project is being undertaken for Aadhar enrolment of all citizens. It is being implemented since 2014-15.

S.no	Age band	Total Population (Projected 2018)	Total Aadhaar Live	Saturation % (2018)
1	0-5	1,013,876	797656	78.7%
2	5-18.	3,210,332	2,440,7390	83%
Total	Overall	11,090,425	10,930,388	98.6%

6. Common Application Portal

From 27 Departments 277 Services have been identified, 7 no LOI's from seven departments have been received out of which 18 e-forms for different department have been developed and 13 services technical integration for Transport Department have been done. Draft proposal for financial model

have been submitted to State government for review. Drafted MOU shared with ITDA to be finalized & signed on VLE workshop proposed in month last weekend.

7. National Information Infrastructure:

The installation of NII equipment has been completed at 220 Gram Panchayats of Haridwar District. The ping from 153 Gram Panchayats have been successfully tested till SHQ. System Integrator has been selected via e tendering process for providing last mile connectivity to horizontal offices from SHQ, DHQ, 6 THQ/BHQ and 185 Gram Panchayats. Vendor has finished installation at 157 GP covering its 306 Horizontal offices.

8. Video Conferencing Facility upto Tehsil/Block Level

DPR for video conferencing facility upto Block/Tehsil has been prepared and sent to State Govt. for approval which is awaited. Rs. 2.36 crore has been provisioned in Financial Year 2017-18 and its release to ITDA is awaited. State Technical meeting held on 5th February 2018 and Departmental EFC held on 12th March 2018. Departmental EFC held on 22 June 2018 under chairmanship of Secretary (IT), GoUK. The Approval has been received from the state department and accordingly RFP has been floated on e tendering portal on 25/09/2018. The pre-bid clarification has also been uploaded on the e tendering portal and the technical opening of bid is proposed to be held on 25/10/2018.

9. Bharatnet Phase-II

Ministry of Communications Department of Telecommunications has approved the implementation of Bharat Net phase-II by BBNL Awarded project to Power Grid Corporation Ltd. The work on MOU signing is in progress. ITDA Commented some inputs in MOU. Draft MOU has been sent to Government of Uttarakhand, for further incorporation at PMT Points. Response on previous letter regarding funds returns has been update to BBNL.

10. e- Gate Pass

Uttarakhand eGatepass is an initiative by the Government of Uttarakhand to facilitate the common man. Uttarakhand eGatepass facility enables the citizens to have a smooth and simple process of making an appointment. It will bridge the gap between the Government

and the common man and will enhance the opportunity of a common man to meet a government officer, hassle free. It has advanced features of eliminating all the cumbersome and tedious procedure of making a request for an appointment and then visiting the premises. Uttarakhand eGatepass is a cloud based application software developed by ITDA with an easy to use graphical interface and embedded with comprehensive security features. This is a unified and centralized application and can be easily implemented in any Uttarakhand Government offices with minimum customization efforts. It assists in maintaining all-relevant information about the visitor, which is automatically saved in a database. In the 2nd Phase ITDA is planning to integrate this application with visitors' Aadhaar card facility. Uttarkhand Secretariat e-Gatepass Portal is a Digital India Initiative By ITDA, Uttarkhand which is perfectly suited for Visitors. Total online appointment:14,028

11. Digi Locker

Digital Locker is a digital wallet for citizen to access their digital documents anytime, anywhere and share it online. This is convenient and time saving. It provides a trusted locker account of a citizen where issuers will issue valid digital documents(e.g. Digital Aadhaar, PAN, Driving License, Registration Certificate of Vehicles, Marksheets, Caste Certificate, Income Certificate etc...) which are at par with original paper documents. Citizen can Digitally sign the documents using eSign facility and can share with others. DigiLocker helps to eliminate physical presence of citizens as well as verification of the documents to avail services like loan applications, higher studies, employment. DigiLocker is aimed at the concept of paperless governance . It reduces the administrative overhead of Government departments by minimizing the use of paper. It provides trusted issued documents to citizen locker .These Issued Documents available via DigiLocker are digitally signed by the issuing agency and are fetched in real-time directly from the database of the issuing agency. So all document via DigiLocker authentic and legally valid under Indian laws. It acts as a secure document exchange platform like payment gateway between trusted issuer and trusted Requester. DigiLocker also provides a verification module which will allow government agencies to verify data directly from issuers after obtaining user consent for such verification. As on 15th October the status is 54025.

12. Drone Research & Development Centre

MoU between ITDA & National Technical Research Organization, Government of India, New Delhi was signed on 26.12.2017 for an initial period of 5 years. Objectives of the MoU are: -

1. Establishment of State of Art Centre for Drone Application & Research.
2. Establishment of High Tech Training facility for training of Drone pilots.
3. Set up technical facility to develop the capability of Drone Application in the fields of Forest Survey, Disaster Relief operation by police.

As per the MoU, NTRO will be setting up equipment for training & research, engaging personnel for research, development & training, whereas ITDA would be providing space of Approximately 2,000 sq.ft. with adequate furniture, Air conditioning, leased line for Internet connection and managing recurring expenditure & personnel on 24/7 basis for day to day manning of the facility & maintenance.

Development of this facility will lead to the enhancement of technical capability in the field of drone application for trainees & researchers. It will be training facility in a specialized field, being set up first time by NTRO in any state of country. Such facility will develop trainees for higher employability field & trainees can also be engaged by NTRO for the services in the field of Drone Applications.

Training of second batch of Govt. department employee is proposed to be start soon.

Cyber Security Training Centre:

MoU between ITDA & National Critical Information Infrastructure Protection Center (NCIIPC), Government of India, New Delhi was signed on 26.12.2017 initially for a period of 1 year with an objective of training of 25 officials per batch of Government of Uttarakhand on Cyber Security with an objective to improve Cyber Hygiene at their work place & of their Critical Information Infrastructure.

As per the MoU, NCIIPC would be responsible for developing & organizing training on Cyber Security for Government of Uttarakhand officials, utilize their employees as trainers or invite outside guest speaker/faculty and establishing minimum IT Infrastructure facilities whereas ITDA would be responsible for providing space of 1500 sq.ft. with adequate office furniture, Air conditioning, Leased line, Managing recurring expenditure (administrative as well as consumables) & providing personnel on 24/7 basis for day to day manning of the facility & maintenance.

Officials trained can be involved in various NCIIPC Projects apart from maintaining Cyber Hygiene at their organisation.

13. LOW COST WIRELESS VOICE & INTERNET ACCESS USING TETHERED AEROSTAT

- Aerostats are aerial platforms which generate the lift required for them to be afloat by buoyant force provided by Lighter-Than-Air (LTA) gas filled inside the envelope. Aerostats are tethered to the ground, and have many potential applications, since they can remain afloat in air for long duration of time without burning any fuel. It also have very low vibration characteristics which help in meeting requirements like communication cover, aerial surveillance, climate monitoring and other such purposes. Conceived and conceptualized at IIT Bombay who has analyzed the technical feasibility. The main objective of the project is to attend Emergency situations like natural calamities generally disrupt power supply, which hinders the relief and rehabilitation operations. This project involves the design, fabrication and field deployment of a tethered aerostat system for aerial surveillance. The aerostat (balloon) is to be sized using an existing design methodology that takes care of the effect of certain user-specified parameters as well as the

Highlights:

- Aerostats are aerial platforms, Connectivity up to or more than 10Kms,
- Tethered to the ground attached to a winch for raising and lowering the aerostat, can remain afloat in air for long duration of time without burning any fuel,
- Generate lift required for them to be afloat by buoyant force provided by lighter-than-air (lta) gas filled inside the envelope with Omni Directional antenna (weight 1.16 kg) on-board,
- The system is to be mounted on a suitable vehicle, to make it easily re-locatable thereby saving time,
- Solar energy enabled hence can provide communication network during an emergency,
- Operational limitations exist (height, weight etc.); Height of Aerostat: few meters – 5,000 m (above ground),
- The fuel or energy consumption for any other competing system such as helicopter or uav is very high, even while offering much lower endurance,
- Very low vibration characteristics which help in meeting requirements like aerial surveillance, climate monitoring and other such purposes,
- Data speed up to 5 Mbps.

MoU has been signed between ITDA and IIT Mumbai. First trial of the project has been successfully completed at Ahmednagar and second successful trial has been completed at Dehradun, IT Park. Chief Minister of Uttarakhand Shri Trivendra Singh Rawat had Launched the Aerostat Internet Balloon at the premises of ITDA, IT park on 8th June 2018.

14. Intern Policy

Intern policy has been prepared by ITDA in the year 2017. Four MCA students of Uttaranchal University have created V-connect Web Portal (as a part of their project work under guidance of ITDA), in which the information of the all villages of Uttarakhand, Rural Trade, homestay facilities and e-education are included. The students have also prepared a draft of “SWET PATRA” in the field of Drone and Cyber Security. Letter has been sent to the Government to accord approval to provide stipend to the interns.

15. CM Dashboard

Out of 32 Departments 32 are added on CM dashboard.

No. of Programs in Utkarsh

KPI- 214

Priority Program- 142

State Priority Program- 64

Total - 420

Total No. of Review meeting headed by Chief Secretary Sir - 2

Remaining data entry of KPIs completed by 32 departments for the FY of 2017-18 in “UTKARSH”.