

DEPARTMENT OF INFORMATION TECHNOLOGY
9TH LEVEL B WING DELHI SECRETARIAT

Subject - PLAN SCHEMES

DEPARTMENT OF INFORMATION TECHNOLOGY

1. Direction and Administration

The Department of Information Technology (DIT) was set up in 1998. The objective of this department is to administer the implementation of e-Governance for the overall benefit of the general public by setting up the necessary resources, administrative/ financial/legal and technical framework, implementing mechanisms under Government of NCT Delhi.

Department of Information Technology is also cadre controlling authority of Information Technology Cadre. The Cadre Controlling Unit of the department performs all the required activities pertaining to the career progression of the employees within the cadre who are posted in various departments of GNCT Delhi.

2. Delhi Metro e-Network (LAN/WAN)

All the major departments have been connected through Leased Line and Tri-B DG plan of MTNL.

- **Local Area network (LAN)**- Around 1000 computer systems have been brought on the LAN in the Delhi Secretariat. On the existing LAN, Departments located at Secretariat uses various centralized applications like file monitoring system, letter monitoring system, Bio-metric based attendance system, Pay package, e-Office etc. also allows departments to update the departmental websites. A state of Art server room has also been set up with leased line connecting the Secretariat server to the NIC Headquarter from which access to internet is given. Wi-Fi facility to the departmental users and guests visiting Ministers/ officers will be provided. During 2014-15 Department of IT connected 101 location to Delhi Secretariat through 158 links of 100/34/10/4/2 Mbps links.
- **Delhi State Wide Area Network (DSWAN)**:-All major Departments have been connected with the Delhi Secretariat with 2-100 mbps lease line. Departments are upgrading the existing 2mbps leased lines to higher bandwidth as per the requirement.
- **Delhi e-Governance Model**: - It envisions e-Governance through Common Umbrella software CSS and department specific software DSS. DeGM tries to include area uncovered under NeGP State concentration area.

- Department is also establishing WiFi in Delhi Secretariat to provide seamless internet connectivity to the mobile users.

Government of India has framed NeGP in 2006 with the vision “make all Government services accessible to common man through common service delivery outlet and ensure efficiency, transparency and reliability of such services at affordable cost to realize the basic needs of the common man and intension of SMART (Simple, moral, accountable, responsive and transparent) Government. Delhi e-Governance model is mandated for including all uncovered areas along with areas in purview of NeGP and state interest.

3. Training of Employees of Delhi Government in use of I.T. Hardware and Software

The promotion of Information and communication technology requires continuous training for enhancing skill of employees in the emerging technology areas. It includes providing basic computer training for non-technical employees and specialized trainings to IT Cadre officials of Govt. of Delhi. It is therefore necessary that the Government employees including employees of Government of Delhi, Corporations and Autonomous Bodies would be trained regularly on usage of tools for day-to-day operation.

Department propose for the following:-

1. Basic e-Governance training, computer and automation trainings.
2. Sponsoring of IT Cadre officers to specialize institution providing training in new emerging technologies Data Base Management System, Network Security, Application Software Development Tools etc.

Information Technology Department initiated training programme from dated 22/4/2003. During 2015-16, 160 employees were trained. About 6363 employees have been trained since the implementation of the scheme.

4. Promotion of I.T Application

- **State e-Governance Award:** - Recognizing the need to acknowledge the vision and efforts made by various departments of Delhi Government in field of e-Governance, DIT, GNCTD intends to start the State e-Governance Award which may be done yearly for best e-Governance implementation in Departments, Local Bodies, Autonomous Bodies, GNCTD.
- **Exhibitions:-** Department intends to participate in workshops, seminars, conferences exhibitions organized by various institutions across the country for keeping pace with the latest trends, practices and global/national episodes.

- Department also intends to create public awareness on various e-governance related activities through print media as well as by creating audio/video visuals of projects which are beneficial to citizens.
- **IT Knowledge Center at Department of Information Technology:** Department has been involved in Management, administrative technical related work as various e-governance project /Proposals /matters are being taken up by DIT, GNCTD.

The Objective is to have a collection of various books CDs, Soft Books, manuals relating to various e governance projects in India and abroad.

5. e- Governance Projects and Process Re-engineering Support

e-SLA: The e-SLA was implemented on 15th Sept'2011. Recently, Delhi Legislative Assembly has passed changes in "Delhi-Right of Citizen to Time Bound Delivery of Services-2011" to make it compulsory for the competent officer to automatically pay compensation to the citizen, in case of delay in delivery of services. The project is aimed at providing the various Govt. Services to Citizens of Delhi in a time bound manner. Department has integrated 361 services under e-SLA belonging to 37 Department. The citizen can track the status of his/her application on e-SLA website.

E-Procurement: The scheme was implemented on February, 2008 and DGS&D was the implementing agency. From May 2011 the project is being handled by DIT, GNCTD through Delhi e Governance Society and NIC. The project was started to improve the then existing tendering process in various department of GNCT of Delhi and to make transparent and efficient. Around 115227 tenders processed and 5369 vendors registered till March'2016. The main objectives are to reduce tendering process costs (direct and overhead), better management of tendering process, increase transparency of decision making, reduce potential for disputes and increase vendor participation.

e-Office: Council of Ministers, GNCTD has approved the implementation of e-office in all the Department / Local/ Autonomous bodies of GNCTD in order to bring transparency, accountability, to increase efficiency and save time and reduce the use of paper/ stationery. e-Office has been launched in various departments of GNCTD. Up to March'2016 nearly 23 departments of GNCTD has fully implemented e-Office and about 50 departments of GNCTD has also initiated working in e-office.

Jeevan Project: The project was commenced on 26th Feb'2009 and has been discontinued w.e.f. 25-12-2014.

6. Development and Maintenance of Delhi Government Portal (Facility Management for Delhi Secretariat & Maintenance of Delhi Govt. Websites)

Content Management Systems (CMS): Content Management Systems is information Integration for single unified web site of all Departments. Till Dec'2015, 167 nos. of websites are designed and hosted using CMS. New departmental websites are being added to existing system on request from the user departments. It gives information regarding various services provided by the centralized web site apart from having the uniform look and feel of all the web sites. Up to March'2016 about 172 libraries/ department sites are designed and hosted using CMS. DR site at Pune installed and configured NIC cloud services agreed for setting up of DC site.

All Polytechnics under Dte of Training & Technical Education will have separate website during 2016-17. Bilingual website with disabled friendly features will be prepared.

Security Audit: Government portal are always subject to security risks and attacks. Department proposes to get audited Delhi government Web Portals and applications from Competent agencies with respect to security provisions and subsequently take necessary steps to secure the portal from hacking, defacing and other security threats. To address the cyber security concern, DeGs under Department of IT, has empanelled an agency to conduct security audit in house. The Department opting for security audit will be charged @ Rs. 3000/- per man day. The security agency will also prepare State Cyber Security plan to reduce/ prevent cyber security threats.

State Data Centre: - Delhi Government has designated NICS Data Centre as State Data Centre. State Data Centre involves collocation charges, AMC charges of servers, SAN and takes TAPE back-up charges, hiring charges of virtual machines on Gol clouds i.e. Meghraj.

7. Readiness for implementing various Government of India's ICT related bill /Framework Standard /TETRA

Tetra Communication System: Government of NCT of Delhi has adopted TETRA Network during the CWG-2010. Delhi police, Divisional Commissioner Office, DTC, Health and Family Welfare, CATS, MCD, Directorate of Home Guards and Civil Defense, Trade & Taxes and Election are using Tetra for the legacy period w.e.f. 1st March, 2012.

Department will keep using existing TETRA network and more Department may request for using TETRA system. Further Delhi State has to comply/ implement various bills, standards, guidelines and framework of the government of India. Total 4796 Tetra sets are being used by various departments in GNCTD Delhi including Delhi police.

Implementation of National e Authentication Framework: - National e-Authentication Framework is to assist all government departments/agencies at both central and state levels in the selection and implementation of appropriate authentication mechanisms for delivery of government services through internet/mobile.

The propose outlay shall be utilized for hiring of consultants, license fee, rent of Tetra sets and expenditure on authentication framework.

8. IT Component for Samajik Suvidha Sangam

Mission Convergence (Samajik Suvidha Sangam), Government of NCT of Delhi (GNCTD) has been implementing the system integration project for developing robust web based application and centralized database encompassing demographic details of households living in the slums. To develop the convergence application M/s Vayam Technologies Ltd. was selected as system integrator to develop the convergence application i.e.

1. Development of integrated workflow application and portal development and deployment.
2. Mission convergence data centre preparation and installation.
3. **Hardware procurement and installation:**
 - Deployment of hardware at 24 extended GRC-SKs under SI Project.
 - LAN at 20 new location and internet connection.
 - Server installation at Data Center at NICSI, LNDC.
 - Server installation at Disaster recovery Site at Pune
 - SI schemes of SW &WCD – application implementation's schemes of Urban development, GNCTD, SI schemes of Labour Department.
 - Department for Welfare of SC/ ST/OBC/ Minorities, Schemes of Education, health and Food & supply department of NCT of Delhi.
 - GRC-SKs Activities Module – Finance module
 - STQC appointed as TPA for System testing and Audit for SSS, System Integration Application and Data Center.

Preparation of Geo Spatial Data Base for Delhi

The Project is aimed at creating geospatial data of Delhi, enabling for better planning/implementation of public amenities (Roads, sewage, water supply, land records) and for checking the encroachments. The Project was started during the year 2004-05. This Project has been transferred to a Govt. owned company Geo Spatial Delhi Ltd w.e.f. 1-07-2012. 28 I.P. Cameras have been installed in 26 locations, 28 lease lines have been terminated. 63 I.P. Cameras are to be installed. All the line departments have to update their data.

The Project will not only benefit the department in preparation of their planning but also give updated information to public in r/o civil, electrical work done in their locality. According to the provisions of Delhi Geo Spatial Infrastructure (Management, Control, Administration, Security, and safety) Rules 2011, Geo spatial

Delhi Limited has to provide services to line department under Delhi Spatial Data Infrastructure (DSSDI) Project. GSDL has to perform following tasks on behalf of Government of Delhi.

- To Provide navigation and other information through internet protocol camera, Portal or any other photographic or other medium for the facilitation of various organizations including Police, Fire Brigade, Municipal authority, Civil Administration Disaster Management Authority etc, in the event of any natural or manmade disaster in Delhi.
- To establish, manage and maintain helpline services for the public to seek and or provide information pertaining to any development activity including excavation work in any area or locality within the territory of the Delhi along with similar information on the web-portal with facility to update the information in consonance with the periodical -progress of such development work from time to time.
- To provide any other services based upon the applications of the Geo Spatial Data as deemed necessary by the Government.

10. Wi-Fi Delhi

Department of IT has been selected as the nodal department for this ambitious project of Govt. of NCT of Delhi. It is proposed to install 3000 Wi-Fi hotspots in entire Delhi initially. It may be increased to more 3000 Wi-Fi spots at later stage. All of the 70 constituencies will be covered under this project.

The wi-fi facility is being provided at Delhi Secretariat to the guest and officers/officials.