

National Informatics Centre

National Informatics Centre of effective citizen services. As a major step in ushering in e-Governance, NIC has been involved in supporting the government in areas of Internet/Intranet Infrastructure and IT empowerment of officers at all levels, preparing IT Plans for Sectoral Development and developing IT enabled Services including G2G, G2B, G2C and G2E portals.

the Department, a premier S&T organization of Government has been providing informatics support to Central Ministries, State Government and District Administrations for the last few decades. For many years NIC has played substantial role in using ICT to streamline internal Government functions and is now facilitating implementation of e-governance towards

A country-wide satellite based communication network NICNET has been set up as backbone network infrastructure for Government informatics providing linkages in 35 States/Union Territories and 616 districts. The network infrastructure links over 3000 nodes in Wide Area Network and about 50000 nodes of Local Area Network with a dense coverage of the North Eastern part of the country. The network operations incorporate Cyber Security, Internet Data Centre, Disaster Recovery Centres, Network Operations facility, Certifying Authority, Video-Conferencing and capacity building set up across the country. ICT support in terms of planning, software design, development and roll out is provided to almost all Central Government Ministries, Departments, State Governments and District Administrations.

A wide range of Services are provided through NIC that include Network Services, Video Conferencing, Web Services and Messaging Services, Data Centre Services, E-Commerce, e-learning, office automation, IT Consultancy Services, Digital Archiving, GIS and training. NIC has successfully implemented many major National level e-Governance projects in various sectors such as National Knowledge Network, National Portal of India, Transport, Land Records, Property Registration, NREGA, ePRI, Treasuries, VAT, e-Procurement, Geographic Information Systems, Foodgrains Management, AGMARKNET, Passport and Immigration, etc.

E-Governance Infrastructure

NICNET – E- Governance Network Backbone

NICNET, a Nationwide Communication Network of NIC, utilizes state-of-the art network technologies to provide connectivity to Central Government Ministries/Departments and all 35 States and 616 Districts of India. This high bandwidth network forms the backbone in the country to support e-governance initiatives in various sectors.

NICNET utilizes variety of technologies including terrestrial and VSAT networking to provide connectivity across the country and is now extending to the grassroot level. Mode of connectivity is decided based on suitability depending on factors such as user requirement and terrain. State Wide Area Networks (SWAN) in a number of states are also being integrated with NICNET. Wireless Metropolitan Area Network (MANs) and

Local Area Networks (LAN) have also been established in various government setups to access the NICNET services.

State Capitals are connected to National Capital by high speed links of upto 155 Mbps links on Optical Fibre Cable (OFC). Districts are all connected to respective state capitals through leased lines. The existing 2 Mbps Leased data circuits from State Capitals have been enhanced to 34 Mbps for 174 districts. Leased circuit connectivity has been provided to 1318 Post Office across the country. Over 50,000 nodes of Local Area Networks in Central Government offices and State Government Secretariats are operational including 6500 nodes in NE States. The Integrated Network Operations Centre (INOC) at Delhi manages and monitors all NIC Centres in States, Districts & Bhavans. INOC has been equipped with a Video Wall for effective monitoring of the network services. Facility Management Services are provided at NIC HQ, States, Districts and Bhavans.

NICNET is operating on two satellites, Intelsat 906 and INSAT 3A with 2300 DVB technology VSATs and 650 SCPC DAMA VSATs. VSAT network covers all NIC state and district centers as well as various projects such as e-Kosh & e-Panchayat in Chhattisgarh, GRAMSAT in Orissa, Sub Division Offices in North Eastern states and blocks in Jammu & Kashmir. Video-Conferencing services over NICNET presently connect 700 locations. 10 DVB VSATs are under deployment to act as a backup under EVCS project to give continuous VC service for the Secretaries in the Northeastern states and Lakshadweep.

Data Centres

NIC has setup large Data Centres at Delhi, Hyderabad and Pune (in progress) which provide shared hosting and co-location facilities to the Government across India. Besides this, Data Centres are also operational in all NIC State Centres to cater to the e-governance requirements of the states.

NIC has its Internet Data Centre at Delhi equipped with approximately 450 servers, state of art storage infrastructure and high speed network connectivity. The Data Centre has got ISO/ IEC 27001:2005 ISMS (Information Security Management System) certification for Web Hosting Service, Database Hosting Service, Co-location Service, Storage Service, Backup Service, and Webcast Service. The Storage Capacity has been upgraded from 160TB to 260TB to accommodate more & more applications and provide Disk to Disk backup for critical applications.

The facilities at the National Data Centres at NIC, Hyderabad established in 2008-09 were expanded to include 150TB of SAN storage with 2.5 GBPS connectivity to NICNET and 344 Mbps direct link to Internet. The Centre is providing hosting services and also acts as Disaster Recovery Centre (DRC) for IDC at NIC Delhi. It is also acting as a Disaster Recovery Site for applications hosted in Gujarat and Rajasthan.

National Knowledge Network

NIC has been designated as the Implementing Agency for National Knowledge Network (NKN) which aims at connecting stakeholders in Science & Technology, Higher Education, Research & Development and Governance with speeds of the order of gigabits per second. NKN will result in a high capacity countrywide Infrastructure at education & research Institute level, which will be available 24x7 to support education and research applications and other applications as envisaged by these institutions requiring very high bandwidth. 45 Institutions were connected and six virtual classrooms established at 6 IIT's during 2009-2010. It is proposed that 33 additional institutes will be connected to the National Knowledge Network and all IITs will have virtual classrooms by the end of March 2010.

Web Services

NIC is extending a comprehensive World Wide Web services to Central and State Governments Ministries & Departments. Important websites of NIC include India Image Portal, Government of India Web Directory, Districts Portal, Exam Results Portal, Government Policies Portal, Tenders Portal, Portal related to offices of President of India and Prime Minister Office. Hosting infrastructure support is being provided to an number of large scale e-governance projects like National Rural Employment Guarantee Scheme, Department of Drinking Water supply Project, E-Lekha Project, AGMARKNET Project, Admission Counseling projects at central and state level for seat allocation during admissions in various professional and technical programmes. Live webcast services are being provided for various programmes, events and conferences. Some of the recent events webcast include Independence Day and Republic Day Celebrations, Union Budget Speech, Parliament Proceedings, PIB Conference.

NIC Messaging Services

A comprehensive web based Messaging Service (<http://mail.nic.in> and <http://mail.gov.in>) has been extended to all the Ministries and Departments of Govt of India. During 2009-10, a fully operational Disaster Recovery site has been set up for this service at National Data Centre, Hyderabad. NIC provides virtual messaging domains also and provides service to over 350 domains.

Video Conferencing (VC) Services

Videoconferencing services over NICNET are being provided from its 540 existing studios spread across India. In current year, Videoconferencing services were expanded to 90 additional districts thereby covering all districts in India. VC services are being used by Hon'ble President of India, Hon'ble Prime Minister, Chief Information Commissioner, Chief Ministers of various states, Cabinet Secretary and Chief Secretaries, Central and State Government departments at all levels. An average of 5000 multisite conferences with total of more than 1,50,000 site hours of Videoconferencing sessions are being held through NICNET.

Virtual Class Room are being setup for IITs over National Knowledge Network (NKN). NIC has already completed Pilot setup in 6 IITs viz., IIT Madras, IIT Bombay, IIT Guwahati, IIT Patna, IIT Hyderabad and IIT Gandhinagar. VC facilities have been in 23 Chief Post Master General (CPMGs) Office. NICNET connectivity is being extended to all DGP offices and a reliable, secure audio visual communication channel is being established with EVCS network. Videoconferencing facilities are being upgraded with state of art technology at 186 districts by providing a High Definition Videoconferencing systems.

Cyber Security

NIC provides necessary security for network, servers, applications and client systems by introducing security appliances at the critical network segments of NICNET using network firewalls, Intrusion Detection Systems/Intrusion Prevention Systems, Application Firewalls etc. Additionally, work is being done in the areas of Formulation of NICNET Security Policies, Restructuring of the network, Patch Management, Anti-virus Services, Secure Communication Establishment using VPN/ SSL, Scanning of servers for vulnerabilities and hardening, Security Auditing of networks and applications, Log analysis, Security Incident monitoring, Analysis and Response, Development of PKI enabled applications, etc.

Certifying Authority

NICCA issues all classes of certificates viz. Class I, Class -II and Class III and more than 28000 DSCs (individual & device) have been issued till date. NICCA is expanding its reach further and has opened seven Registration Authorities (RA) at NIC Bangalore, NIC Bhubneshwar, BARC Trombay, Mumbai, ECIL Hyderabad, NIC Lucknow, NIC Chandigarh, VECC, Kolkata.

GIS and Remote Sensing Services

“National GIS Web Portal” has emerged as a common single window system for spatial data infrastructure and services. The information is available upto village level. The same is being leveraged and enhanced for better and higher application services for various government users. The above Spatial Data Infrastructure has been leveraged to State with setting up of ICT infrastructure for GIS based services in States.

GIS services have been expanded at National, State and District Level deploying spatial and non-spatial data available with NIC for E-governance and planning purpose for critical sectors such as health, education, water, soil and agriculture, environment, telecom, mineral, postal communication and so on. Digital Spatial Data has been enriched in terms of accuracy of village locations & Boundaries, Gram Panchayat Boundaries for Backward Area Index Mapping Enhancement of Raster as well as Vector GIS services through Image Integration with better visualization.

Utility Mapping

Under the Computer Aided Digital Mapping Project for Six Cities, the aerial photography with extended area has been completed for Ahmedabad, Bengaluru, Chennai, Hyderabad and Kolkata. Base map compilation and linkage of attribute data collected in the field to the base map features for Mumbai, Hyderabad, Chennai and Ahmadabad completed. The utility agencies are able to access the base map data located at the central map server to overlay their utility network on the digital base map for location identification. NIC has developed “Modified Property Tax Module” and “Grievance Module” for GHMC, Hyderabad as part of the project. The Modified Property Tax Module can identify the structure on the map and detect the changes in the structure and assess the tax for modified structure. The Grievance Module allows marking the location of fault on the map and registers the complaint online on the roads, street lights and dumper bins etc. Under the Computer Aided Digital Mapping Project (Delhi), base map updating for South Delhi is completed and south-west Delhi is in progress from aerial photography of the year 2002. The extension of ground control for NE and NW Delhi is completed. The digital base map is being accessed by Delhi Jal Board, Delhi Police, Delhi Traffic Police on 24 X 7 basis.

Computer Aided Design

CollabCAD support (a CAD/CAM/CAE solution that can be used by the strategic sector, industries and educational institutions) and training centres have been set up in various educational institutions to provide trained manpower to the industry. The institutes will act as support centers for industry in their proximity besides training the students. Agreement has been signed between NIC and CBSE for Support and Training of CollabCAD to help CBSE to introduce CollabCAD in the course curriculum of the Engineering Graphics course for Class XII from 2010-2011 session. CollabCAD was launched for the industries at IMTEX in 2009.

Capacity Building

Government Informatics Training Programme

Training Division at NIC Hqrs conducted update training programmes in J2EE, Advanced.Net, Postgres, MS SQL Server, Advanced Linux, Windows Server, Secure Application Development, Web Hosting Services, SVN, Mantis, Hibernate, JUnit, Wicket Framework, Xforms, using Virtual Classroom technology, in which over 900 NIC officers from all over India participated. Management Development Programmes were conducted at IIM Indore and ISTM Delhi in which 75 NIC officers participated. Project Management Programmes were also conducted for 40 participants. Sponsored programmes included workshops on e-Governance (DOP&T sponsored) and Trainer’s Training programme in Hindi. Sectoral training programmes covered Application of IT in Library Sciences, e-Granthalaya and PlanPlus Trainer's Training. Various technology components like design tool, digital signature, live application with workflow have been developed and disseminated through training Programmes.

e-Governance Standards

Government's policy on open standards is in the final stage of approval and release. Metadata and Data Standards for Person Identification and Land Region Codification have been notified and released. Encoding & Fonts standards identified by the Expert Committee on Technology standards in Indian Languages have been notified and released. Draft Data standards for Finger print image, Facial image prepared by Expert Committee are under review. The Expert Committee on Digital signature prepared two drafts on Technical Specification of Enhancements to Digital Signature related Standards for e-Governance Applications and Guidelines for Incorporation of Digital Signatures.

Draft documents on e-Gov Security Assessment Guidelines for Risk level wise categorization, Catalogue of Security controls, Baselines controls, guidelines for Implementation of security controls, assessment of effectiveness, Risk management etc., have undergone public review, and the revised documents have been submitted for approval for their release. Expert Committee on Technology Standards in Interoperability Framework for e-Governance (IFEG) has identified standards in priority areas and submitted its interim report on the openness of these by vetting them against mandatory characteristics of draft policy on open standards. The core group of task force submitted two reports on Draft e-Forms Standards & Policy and Draft Road map for e-Forms Standards implementation. Institutional mechanism for standards formulation was released for adoption.

e-Learning Solutions(NIC-IELS)

The NIC IELS over NICNET has been implemented and is operational. Over 12000 Live Sessions have been conducted over the NIC WebConnect E-learning Services. TeleEDU project was launched for the students of North East to attend lectures on science subjects for professional entrance examinations.

National Training Centre, Hyderabad

Training programmes through Virtual Classroom for NIC state centers on topics like Advanced LINUX, PostgreSQL, Advanced .NET, MS SQL Serve, J2EE, Windows Server and IIS Administration, Secured Application Development, SOA Web Services and Grid Computing were organised. Web Service Repositories are being created towards an e-governance grid of India. Architectural methodology for adopting Grid and Cloud technology for e-Governance Projects was devised and Eucalyptus enabled Cloud Architecture for Data Centers of NIC was implemented.

NIC Training Unit, LBSNAA, Mussoorie

NIC Training Unit (NICTU) Lal Bahadur Shastri National Academy of Administration, Mussoorie provides ICT related training to the officers of All India Services during all the training programmes conducted at the Academy. During year 2009, seven courses conducted for officers of IAS and other services in which more than 250 sessions of training were conducted and training imparted to about 700 officials. During Mid Career Training Programme for IAS Officers Phase III, NICTU has conducted the ICT modules

in collaboration with Duke University, USA. During Mid Career Training Programme for IAS Officers Phase IV, NICTU has conducted the ICT modules in collaboration with Maxwell School of Syracuse University, USA and Indian Institute of Management, Bangalore (IIMB). Reading material for E-governance module for IAS Professional Course Phase I (2008 Batch) prepared. Software have been for developed Store & Supply Inventory Management, Inventory Management for Souvenir shop at LBSNAA, Chronical Patient Monitoring, Monitoring of Physical Fitness of Officer Trainees, Laundry Management and Reception call recording as per the requirement of the Academy.

Security

Steps to improve physical security of NIC instillations in the country has been taken up. Chief Security Officer (CSO) & State Security Officers at NIC State Centres have been nominated. Tender process was taken up to establish District Surveillance System in NIC.

Major National Level Projects

Analytics & Modeling

A Business Intelligence (BI) System for CGHS was developed by creating a data warehouse of the data from the existing system. A number of analytic a reports are being generated. The BI system for Haryana Counseling board has been developed and implemented.

Common Integrated Police Application (CIPA)

CIPA Software rollout at 4000+ Police Stations across all the States/UTs has been completed. 400 more Police Stations in U.P. are proposed to be covered by March 2010. Consolidation of the Police Stations databases at the State level has been implemented at Tamil Nadu and Puducherry, besides Delhi. Web-based software interfaces based on the consolidated State Database for use by the higher authorities have also been developed by these States.

Courts Information Systems-COURTIS

Under e-Courts MMP, site preparation has been completed at 1031 out of 1542 court complexes. For 532 District court complexes, Purchase Orders for H/w & LAN have been issued and at 260 DC complexes H/w has been delivered. LAN work has been completed at 170 DCs. 434 System Officers have been deployed at various DCs and 500 System Assistants are in the process of getting deployed. Under ICT upgradation of HCs & SC, H/w has been delivered and installed at 19 HCs & SC. LAN work is in progress at all HCs. Application S/w implemented at 7 HCs for pilot testing.

Enterprise Application Integration

A system has been implemented for creation of e-Service Book for central government employees. e-Service Book for about 25,000 employees from central ministries/departments based at Delhi were initialized with basic employee data provided by ministries/ departments. The system is being used for populating employee details from physical service records maintained at respective ministries/departments. eHRAdm/Leave system was extended for Union Public Service Commission and IAS officers of Haryana State besides already operational at Department of Personnel & Training, Department of Information Technology, Dept. of Economic Affairs, Ministry of Environment & Forest and NIC.

File Tracking System

File Tracking System (FTS) is developed to monitor the pendency of receipts and files and assist in their easy tracking. It is based on the Manual of Office Procedure and is a proven system for Government/Semi-Government Offices and Public Sector Organizations. The file movement and tracking system involves the entire stages from diarisation to finally archival of files. The product supports the complete electronic file movement with encryption of content and digital signature. The FTS has been implemented in over 50 departments.

Government e-Procurement Solution of NIC (GePNIC)

GePNIC provides online tender creation, publishing, Bid Submission, Bid Opening, Technical Evaluation (Offline), SOR Based Financial Evaluation, Communication and Publication of Award of Contract Information. The solution has strong in-built security features including two factors Authentication with Digital Signatures and Bid Encryption at Client end. GePNIC has been implemented in many departments of Orissa, West Bengal, Uttar Pradesh and Haryana. It is now being implemented for Pradhan Mantri Gram Sadak Yojana (PMGSY) procurements in 15 states, including the North Eastern states.

India Image

India Image Programme is aimed at establishing government presence on the web. NIC offers Design, Development and Consultancy on Government Websites and Portals. Some of the recent additions under this programme include Helpline Portal of Rashtrapati Bhavan, NGO Partnership System (<http://ngo.india.gov.in>), CIC Online website (<http://rti.india.gov.in>) and Web Ratna Awards Sites (<http://webratna.india.gov.in>). The Rajya Sabha website was also redesigned.

Intellectual Property and Know-How Services

NIC has hosted the most comprehensive and the largest database on patent bibliography, containing more than 54 millions patent references published by more than 72 patent issuing authorities across the globe since 1980 to serve the Research and Development organizations both in Government and Private Sectors. The database is available for on-line access free of cost on 24x7 basis. To support the end-users a step further, NIC is

subscribing DVD-ROMs from United State Patent Office, European Patent Office and World Intellectual Property Organization. NIC in collaboration with National Research Development Corporation, a unit under DSIR, and Defence Research and Development Organization, is participating in the national workshops to spread the IPR awareness.

IntraGOV

Intra Government portal (IntraGOV) is a framework that embraces G2G and G2E transactions and solutions and has been conceived as the instrument for the Next Generation Government. It goes beyond web sites that are primarily for dissemination of information and pave a platform for personalized, role based, secure access to internal information for the employee that is accessible through any browser. Personalised services are enabled and employees receive electronic notifications of services and transactions based on their needs and contingencies. Above all, it is embedded with a Content Management Framework (CMF) which can enable employees to create their own content and submit the same for review and publication. With a single platform, the entire organization can collaborate, share documents in any format electronically, thus making it a strategic asset to the Government departments supporting its core businesses and enhancing efficiency. The IntraGOV portal has been deployed in over 35 departments both at the Central and State levels.

Limited Liability Partnership (LLP) Act Project

The Ministry of Corporate Affairs has entrusted NIC to develop and implement an e-Governance Solution for Limited Liability Partnership (LLP) Act. This is a fully online solution where all the 25 forms relating to formation & registration of LLP are made available for online entry using digital signatures. Its a comprehensive workflow based system with number of features that includes DSC signatures & validations, downloadable forms with pre-fill and re-submission features, Netbanking & online payment gateway, view public document, fully automated back office, role management, etc.

National Do Not Call Registry

The National Do Not Call (NDNC) Registry portal (<http://ndncregistry.gov.in>) is fully operational to restrict Unsolicited Commercial Communication (UCC) on mobile/telephone numbers. Currently, there are 26,600 Registered TMs and 60 Million Telephone Numbers are registered in NDNC Registry database. On an average, 160 Million telephone numbers are scrubbed by TMs per day. About 43,000 No. of telephones used by TMs have been disconnected (both registered and unregistered) and about 39,000 TMs have been imposed higher financial penalties for UCC violation.

National Portal of India

National Portal Project, india.gov.in is a Mission Mode Project under the National E-Governance Plan to provide a single window access to the information and services of the Indian Government at all levels for the Citizens, Business and Overseas Indians aggregating over 5000 Indian Govt. websites both in English and Hindi. The National

Portal is ISO certified against Quality Characteristics (functionality, reliability, usability, efficiency, maintainability and portability) as per the ISO 25051:2006 and ISO 9126:2001 and 2003. The Portal is universally accessible as per the W3Cs WCAG 2.0 level AA and complying with Guidelines for Indian Government websites.

National Rural Employment Guarantee Act (NREGA)

NREGASoft is a Local Language enabled, work flow based and transactional system. A worker by entering his job card number or by putting his thumb on biometric device can exercise his rights of demand for work or lodging complaints and can see his entitlements on his own. The major enhancements are done for Labour budget module for next year projections, Social audit module, Customization of cost estimation module for Rajasthan, Sound based Workers information system, Grievance redressal module, Post office/Bank Payment module, Data sharing with other organizations through Web services, etc. As on date, the portal has around 9 crore job cards and more than 20 crore workers information, more than 2.5 crore muster rolls, information on 64409 social audits and Minutes of meeting of 56090 social audits, around 1211 complaints and their redressal status.

Software Development Unit

NIC has set up a Tier-III type Data Centre at Pune. Government Receipt Accounting System has been developed for Finance Department, Government of Maharashtra, to facilitate on line payments of all taxes for state government through internet banking service. Development of state specific modules Permit & Enforcement of VAHAN is completed. Site preparation and networking of 7 more wellness centers of CGHS is completed. All Dispensaries in Pune are computerized. GIS enabled Decision Making tool for Implementation of Forest Rights Act, 2006 is a website for storing details of approximately 3.03 lakh claims and claimants, and the GIS data of each land measured using GPS devices. NIC also developed a web based SMS alert system for sending urgent messages to the field staff.

Systems Software Division (SSD)

The National N-DPLIM Portal for evolving technologies, solution architecture, training and dissemination of technologies pertaining to National Digital Preservation & ILM was designed and developed. Design and Development of electronic Record Management System with the Integration of Full Text Search Engine like Lucene along with Filters for PDF, Text, Doc: file etc. was done. Implemented NICs Corporate Records as Administrative Document Repository. The asset management Eams.net application implemented at DIT is web enabled, role based and workflow oriented.

Unique ID Project (UID)

EFC was prepared for the UID authority of India under guidance of Secretary, Planning Commission and Principal Adviser & DG (Mission) of UIDAI. UIDAI website was developed and published.

Website Guidelines

NIC has developed “Guidelines for Indian Government websites” to support the entire life cycle of a website. These guidelines focus on making government websites up-to-date, citizen centric & disabled friendly. While formulating these guidelines, international standards & best practices have also been taken into account. These guidelines were released in February 2009 and have been adopted by DARPG as an integral component of Central Secretariat Manual of Office Procedure (CSMOP). The guidelines also form the basis for obtaining Website Quality Certification from the Department. Complete text of the guidelines along with latest updates can be accessed at <http://web.guidelines.gov.in>.

NIC Services to Central Ministries and Departments

Accounts Informatics

A web based application was launched to enable the processing and finalization of revision of over 6 lakhs pension cases through e-Filing. In CompDDO provision for generating digitally signed ECS payments, generation of encrypted database backup has been included along with the necessary modifications in the Pension module as per 6th CPC recommendations. Workflow for the Controller Offices to register the digital signatures of PAO offices and provision for dual signature for large payments has been included for e-payments through COMPACT and e-Lekha.

COMPACT-REVACT has been deployed for all revenue PAOs of Central Board of Excise and Customs. Also Operationised P-CBEC, a centralized web application, synchronized with COMPACT-REVACT, for maintenance of accessed wise ledgers and availability of consolidated data.

Agriculture

AGMARKNET facilitates collection of daily market information from APMCs and is being disseminated in English and 11 Indian languages. Data is being shared with the Forwards Market Commission (FMC) who are installing electronic display boards at select APWMs for displaying daily market information. Under PPIN (Plant Protection Informatics Network), web based Plant Quarantine System has been designed and developed to facilitate Online filing of application by traders, Workflow of inspection and approval and issuance of Phytosanitary Certificates, Import Permit and Import Release Orders. Seednet India Portal, Rashtriya Krishi Vikas Yojana (RKVY), Agricultural Marketing Infrastructure, Grading and Standardization (AMIGS), Release Monitoring System for Department of Agriculture, Animal Husbandry, Dairy and Fisheries, workflow based systems for National Horticulture (NHM) and Bamboo Missions (NBM), Retail Prices Monitoring System, Crop Production Statistics Information System, Land Use Statistics Information System, etc., have been developed and implemented.

Animal Husbandry

The web site of DADF was redesigned to provide better citizen interface and transparency in Government functioning. For the 18th Livestock Census, detailed information received from 34 states through Quick Tabulation Plan on category/breed wise livestock population along with age, sex-composition, etc., and provides disaggregated information on poultry, animal operated agricultural implements and machinery and fishery statistics. Computerization of Central Herd Registration Scheme (CHRS), Data Management and Networking on Preparedness, Control and Containment of Avian Influenza, Fisheries Information System Network (FISNET), National Animal Disease Reporting System (NADRS), etc., have been taken up for implementation.

Audit

Hosting and maintenance of web sites of CAG and its field offices, Web based MIS on Returns received from field offices, augmentation of On-line submission of Application of Chartered Accountant Firms for the year 2010-2011, augmentation of the software Empanelment and Allotment of Auditors for PSU Audit for the year 2009-2010, Online Integrated DAK Management System are some of the activities undertaken.

Central Excise and Service Tax

The EASIEST (Electronic Accounting System in Excise and Service Tax) under G2B and G2G developed and launched to facilitate the assesses to enter the challan information for electronic transfer by the banks to the Central Board of Excise and Customs (CBEC) and to its associated offices for revenue based MIS, revenue reconciliation between PAO and Department. Remote Challan Management is also added. e-Management of Revenue Data developed for the Directorate of Data Management, CBEC for collection, compilation and MIS of Customs, Central Excise and Service Tax revenue information has been extended to All Commission rates. Data Management Module is added for Users.

Central Vigilance Commission (CVC)

Enrichment of Vigilance Cases Monitoring System, CVO Profile Information System, Complaint Monitoring System, Annual Report, Departmental Inquiries Proceedings and the CVC Website has been effected. Electronic Clearing System (ECS) for all payments (salary, arrear and honorarium) using COMPDDO have been implemented.

Central Information Commissioner (CIC)

NIC Develops and Implements CIC Online under the aegis of National Portal of India, online submission of RTI Appeals and Complaints to CIC by citizens and integration of the same with the internal Comprehensive Workflow Based System for processing of RTI Appeals and Complaints and generation of various MIS and exceptional reports. Video Conferencing facility was established for the Commission to facilitate & promote VC based hearings towards efficient disposal of RTI related appeals & complaints.

Chemicals and Petrochemicals

A web enabled system has been developed to facilitate on line capturing of production data of various chemicals and petrochemical products from about 45000 manufacturing companies producing from their various plants.

Civil Aviation

Air Travel Information System has been developed for maintaining a database of Grant of relaxation cases to travel by airlines other than AI. Crisis Management Plan (CMP) has been prepared to deal with cyber related crisis coordination. At Directorate General of Civil Aviation (DGCA), office automation systems have been implemented. DGCA and Bureau of Civil Aviation Security (BCAS) websites regularly updated.

Coal

A Web based system to capture Coal Blocks Applications on line from the prospective customers with offline database utility in processing the applications for allotment of Coal Blocks has been developed and is under implementation.

Commerce and Industry

G2G, G2B and G2C interface further strengthened in the Department of Commerce. ICT based solutions provided for performance monitoring of Special Economic Zones, Anti-dumping investigation findings, monitoring of WTO related issues and monitoring of quick estimates of commodity wise exports/imports. Electronic Payment system for office of Chief Controller of Accounts (CCA) is operational. Revision Application System introduced to reduce the delays in processing and providing analysis of the causes of delays. The Mineral Concession Approval System was enhanced to capture the post approval information on the implementation of the Mineral Concessions. In Department of Industrial Policy & Promotion (DIPP), Front Office and Back Office Web based systems for Intellectual Property Offices (IPO) in India has been re-engineered Digitisation of old Patent & Trademarks records has been taken up and 0.2 million Patent and 77000 Design records are digitized. Digital database of over 2. Lakh patent records and 15 Lakh Trade Marks has been created and made available in searchable mode on the website of IPO (<http://ipindia.gov.in>). For Office of the Economic Adviser, New Wholesale Price Index (WPI) series is being implemented and parallel trial run are being conducted on regular basis. First time, On-line WPI prices are being collected. Web based system developed and implemented for Rajiv Gandhi Udyog Mitra Yojana, The scheme objective is to provide handholding support and assistance to the potential first generation entrepreneurs through the selected lead agencies.

Culture & Art

Cultural Atlas of India has been developed to document and disseminate information on various forms of cultural heritage prevalent in the country. Web site for National Archive of India (NAI) has been developed.

Digital Archiving and Management

First phase of digitization of Rajya Sabha for the periods 2000-01 and 2004-2007 have been completed. The debates are searchable in English, Hindi and Urdu. A DVD version has also been developed. Pilot project for Knowledge Repository of Inter-State Council Secretariat ISCS@Digital Repository has been developed using Dspace. A Virtual Herbarium(IVH) & Digital Herbaria(DH) for the Botanical Survey of India (BSI) has been developed. A prototype for E-Documents Archival & Retrieval Management Information System (e-DARMIS) has been developed, which envisages opening single point access to Public Records (i.e., any documents like Files, Reports, etc) scattered at different Records Rooms.

Election Commission

Dissemination of election results to public/ citizens during General Elections to Lok Sabha and State Legislative Assemblies was carried out. Communication Plan for Election Tracking (ComET) was designed and developed by NIC. GIS based thematic maps were prepared for election planning to visualize the field parameters for effective conduct of elections. GIS based static maps for all Parliamentary Constituencies and Assembly Constituencies spread across the country were prepared and hosted at ECI web site. NIC field units were involved in providing support for pre-election activities (uploading of affidavits filed by the candidates, randomization/ deployment/ allocation of EVMs, micro observers, polling personnel, etc) and post-election activities (uploading the votes polled on the day of the counting).

Energy

A web based Milestones Monitoring System for Rajiv Gandhi Grameen Vidyutikaran Yojana (RGGVY) - Flagship Programme of Govt. of India - has been developed and implemented. The data on milestone parameters is being captured on line through a web-based system. The system provides facility to capture basic details as well as quarterly milestone details and generates various national and state wise reports.

Employee Provident Fund Organization

Development and testing of the "EPFO Mordernization System" was completed. Subsequently system has been made Live at 7 EPFO offices and parallel run has commenced at another 10 EPFO offices.

Environment and Forests

A Web Based GIS on National River Conservation Plan (NRCP) is being developed for Ganga and its tributaries. Online Consent Management & Monitoring System for State Pollution Control Boards has been developed for collection, collation and dissemination of information.

External Affairs

A new GUI based Passport Management system has been implemented in Passport Offices at Bhuvanewar, Kolkatta, Guwahati, Jaipur and Jammu. Outsourcing of Passport and Visa applications were computerized at Indian Missions at Moscow, Madrid, Toronto, Vancouver, Riyadh, Dubai and Kuwait. A pilot project on computerized emergency certificate monitoring and printing modules was implemented in Jeddah, Saudi Arabia. Online Visa application registration system developed and implemented on pilot basis at HCI Islamabad. The selection of Yatris for Kailas Manasarvor Yatra was done through computerized random selection. Support was provided to the Ministry in setting up of IT centres in Mynamar, Bostwana and Tajikistan. Integrated Mission Accounting System software was implemented in 57 Missions. The website of MEA Foreign Service Institute was redesigned and website for Indian Mission/ Posts at Kabul, Bhutan, Bhutan, Islamabad, Phuentsholing were developed and hosted. The official Web Site of Ministry of External Affairs, which serve as a useful instrument in dissemination efforts of Government of India was modified and maintained.

Fertilizers

Web Based Fertilizer Consumption Information System, National Project on Management of Soil Health and Fertility, Office Notifications Management System, etc., have been implemented.

Finance

Online Central Assistance Monitoring System was developed and implemented to capture the recommendations made by various Ministries/Departments for release of funds against their schemes and monitor the releases vis-a-vis availability of funds. Work flow based E-Bills processing system was developed. E-Purti system was implemented for issue and inventory management of stationery items. The direct tax code feedback system was developed to facilitate public to submit their comments and rate the direct tax survey and to compile the comments for presentation.

Food Processing

Online Complaint Monitoring System and Online Stationery Monitoring System have been designed, developed and implemented (web enabled monitoring system for reviewing the expenditure and monthly progress). A website for National Meat & Poultry Processing Board (NMPPB) was designed, developed and launched.

Food, Public Distribution and Consumer Affairs

Technology solution using Smart cards, Finger prints, Smart Card Transaction Terminal/ Point of Sale Terminal is being provided for implementation of the pilot scheme on Introduction of Smart Card based delivery of essential commodities under TPDS in Haryana and Chandigarh (UT). Application modules for Allocation and off take of grains, FPS licensing and Public Grievances Management are also developed as part of the project. Computerization & Computer Networking of Consumer Forums in the

Country (CONFONET) is also being implemented. Nearly 1000 food grain depots out of approximately 1600 depots have adopted the computer based stock management system and their stock data is available through Net. IISFM is a major step towards PDS computerization as this captures Central Pool stocks for Procurement, Storage, Movement & Distribution of food grains across the country.

Forest Rights

Forest Dwellers Rights Act MIS has been operationalised. The workflow based system captures the claims details for individual and community rights, processes for approval to generate Pattas/Title online. The system has appeal sub-system to handle appeal flow and tracking system for online tracking of the claim applications.

Health and AYUSH

Computerization of Central Govt. Health Scheme (CGHS) was extended to 102 dispensaries outside Delhi in 6 locations namely Mumbai, Pune, Nagpur, Chennai, Hyderabad and Chennai. The introduction of plastic cards for every individual CGHS beneficiary with the barcode number has started. Additional modules under implementation include claims processing of individual beneficiaries, diagnostic centers, permissions, etc. Web based Inventory management system for the Medical Stores Organization (MSO) and General Medical Stores Depots (GMSDs) have been implemented on pilot basis.

The OncoNET India Project envisages connecting of 27 Regional Cancer Centres with associated Peripheral Cancer Centres to provide early cancer diagnosis/detection, treatment and follow up for cancer patients. The project is currently under implementation and equipment is being sent to the sites. Online allotment and Display System of Central Quota of UG/PG Medical/Dental seats was carried out for 2100 MBBS and around 225 BDS seats in 127 colleges across India as well as 3300 MD/MS/Diploma Post graduate seats in 99 disciplines and 162 PG Dental seats in 22 Dental Colleges across India. The website of the Morarji Desai National Institute of Yoga (MDNIY) was launched and web site for National Medicinal Plant Board (NMPB) has been revamped.

Home Affairs

Integrated IPS package for more than 3600 IPS officers all over India was implemented which automates the functions of police division of MHA including Executive official records of IPS officers. Web-based system for Monitoring the Calamity Relief / and National Calamity Contingency Fund (NCCF) has been developed.

Housing and Urban Poverty Alleviation

JNNURMMIS software has been developed to enter all the projects, appraisals, sanctions, releases and their tracking. Building Related Information and Knowledge System (BRIKS) has been operationalised.

Human Resource Development

For All India Pre-Medical Test and All India Engineering Entrance Examination for CBSE, online submission of applications with payment gateway for online payment of fees through credit/debit cards was launched. Around 4 lakh candidates have submitted their applications for examination online. Web based Counseling processes have been designed and developed and the respective counseling boards have been provided operational support for smooth handling of counseling process. The portal for e-filing of applications for copyright registrations, has been designed indicating the stages of processing of copyright registration, information on copyrights already issued etc. ICT infrastructure committee for National policy formulation in ICT in Schools has been assisted in the finalization of basic infrastructure within the cost proposed for each school.

International Cooperation

Under Lao PDR - India Bilateral Cooperation on Information Communication Technology, third and final year of MCA programme is in progress at Guru Gobind Singh Indraprastha University for students of Lao PDR.

Information & Broadcasting

A system for automation processes for Audio Visual spots of DAVP has been implemented. The Newsonair Portal developed for AIR-News Service Division is used for Dissemination of Audio, Regional language bulletins, Election Results etc. Online Services through the Registrar of Newspapers for India (RNI) website for Publishers and stake holders have brought in transparency in the services of RNI. Software has been developed for monitoring of status of TV Channels, Teleports, FM stations and Community Radio Stations. This software provides for online applications, status checking, etc., and has resulted in transparent and efficient collection of revenues.

Library Services

e-Granthalaya, the library Management Software for automation and networking of libraries have been implemented in many libraries. Regular training programmes for working librarians in India on Implementation of e-Granthalaya Software were organized at NIC Centres as well as user premises. Multilingual and web based version of e-Granthalaya is stabilized and made operational. A Consortium of Libraries of the Ministry of Communications and Information Technology has been formed.

National Human Rights Commission (NHRC)

Complaint Management System was enhanced. Draft Proceedings Module has been developed for consultants and advocates to reduce redundancies in proceedings of the cases. CMS has been implemented at Uganda National Human Rights Commission, Kampala; Human Rights Commission of the Maldives, Male; and National Centre for Human Rights, Amman, Jordan. National Human Rights Institutions Forum (NHRI) website was designed and website of NHRC is being revamped. Human Rights

Complaint Network [HRCNet] for State Human Rights Commission (SHRC) in is the process of implementation in various States.

Official Language

Technical support is provided to the Department for its Bilingual portal. Support provided for processing of Hindi Teaching Scheme examination results i.e. Prabodh, Praveen, Pragya, Hindi typing, Hindi Stenography. IntraChti is being developed for Central Hindi Training Institute. NIC implemented software for maintaining Seniority Lists for Central Official Language Service, web-based Hindi enabled Office Procedure Automation (OPA) package in the Department, Quarterly Progress Report Monitoring Systems to monitor the progress of use of Hindi in Ministries/Departments.

Parliament

E-file System, Web Based Assurances MIS, Consultative Committees MIS, Employee Portal for Rajya Sabha Secretariat, Circulars, Events, Tenders and Press Releases Publishing System, etc., have been implemented. New websites launched included Intranet Portal for Rajya Sabha Secretariat, Hindi Website of Lok Sabha, English and Hindi Website of Rajya Sabha, Rajya Sabha Debates, Who's Who of 15th Lok Sabha.

Panchayat Informatics

Study for e-PRI, including Information & Service Need Assessment study, Business Process Re-engineering and DPR preparation was undertaken in 38 districts of 27 states. NIC has submitted a proposal to the Ministry for developing 12 Core and Common software applications for use by panchayats across the country. PlanPlus which was already under implementation has been adopted by more than 60,000 planning units. PRIASoft has been formally accepted by Ministry of Panchayati Raj & CAG to be implemented as part of the e-PRI MMP.

Pension and Pensioners Welfare

CPAO website was restructured to provide a Single Window interface for banks for e scrolls, PAOs for e-ppo and e-Authority and pensioners for their pension case query, Grievances and changes in their address, Bank, phone No. etc. Web Report made available on CPAO Web site for PAOs/Pr. AOs for all the pension cases received and authorised to banks by CPAO. SRS for Grievances Module developed and got approved from CPAO. BSR Code implemented in PARAS. It is a unique code for each Paying Branch of Bank, disbursing pension to Central Civil Govt. Pensioner. With this implementation, CPAO moved towards e-ppo and e-Scroll implementation.

Personnel and Administrative Reforms

e-Service Book, project has been undertaken to cover over 25000 employees from 78 Ministries / Departments and Name based e-mail ids have been created for over 14230 employees. Developed & implemented Helpline Portal for Rashtrapati Bhavan to facilitate the public in sending their grievances / requests to the Hon'ble President of

India online. Developed EPFiGMS (EPFO Grievance Management System) for Employees Provident Fund Organization (EPFO) covering 4 Zonal offices, 40 Regional Offices and around 100 sub regional offices all over the country. Also completed the development of Public Grievances Redress and Monitoring System for Haryana and Rajasthan States on pilot basis and the same is under testing. Web based Telecom Consumer Grievance Monitoring System (TCGMS) for TRAI has been developed to enable telecom subscribers to register their grievances for redress by the respective telecom operators. Developed & Implemented ACR-BASIS for digitization, storage and retrieval of ACRs of IAS officers. Maintaining a directory of National Resource Persons (Master Trainer (MT)/ Recognised Trainer (RT)) across the country for State Administrative Training Institutes (ATIs). Enrichment of Central Staffing Scheme (CSS) Processing System by developing a local module facilitating data entry and retention of eligible officers wishing to shift from non CSS posts to CSS posts, ACC Vacancy Monitoring System (AVMS), ACC Proposal Monitoring System (APMS), DMIS/FTS, IAS ER Sheet, RTI Portal, IntraMOP portal by adding Knowledge Management Centre, Fillable PDF forms, Health corner have been created.

Petroleum & Natural Gas

A web based Overseas Projects Information System has been developed and the same is under implementation for M/o Petroleum & Natural Gas for monitoring the physical and financial progress of overseas projects related to Exploration & Production (E&P), Refinery & Pipelines (R&P) and Marketing taken up by the Oil Sector PSUs.

Pharmaceutical

Work-flow based Integrated MIS to automate work processes of National Pharmaceutical & Pricing Authority (NPPA) has been developed. The system facilitates interactive online capturing and dissemination of information to various stakeholders besides office automation and is under implementation.

Planning Commission

MIS-CPLAN is being used for online-data entry/updation by all Ministries/Departments for the Annual Plan 2010-11 and the Eleventh Plan. The MIS on Left Wing Extremism Districts (MIS-LWE) is a web-based application to facilitate online monitoring of progress of sectoral schemes for 33 LWE districts. MIS reports are generated for Projects submitted for Appraisal to Expenditure Finance Committee. MIS on National Human Development Report – 2009 (NHDR2009) is a web-based system depicting National and State-wise tabulation, analysis, GIS maps on various parameters. Non-Government Organisation (NGO) Partnership System is a web-based portal for Voluntary Organisations & Non-Government Organisation (NGO), under the aegis of National Portal of India. The existing database of NGOs/VOs has been migrated to NGO Partnership System for online registration of NGOs.

Posts

A Wide Area Network for Department of Posts (DOP WAN) has been established connecting 1318 post offices across the country. Data Centre for DOP at Delhi and Disaster Recovery Centre at Hyderabad have been established. The web based Project ARROW Monitoring System has been extended to cover many more areas of operation in 1724 post offices. Head Post Offices (HPOs) have been enabled to access the Postal Life Insurance (PLI) and Rural PLI systems. Daily fund flow from 820 HPOs could be monitored for investment purposes. An offline module for proposal entry has been developed to speed up the data updation and approval process for insurance policies. To formulate the Consumer Price Index –Rural (CPI-R) by Central Statistical Organization (CSO), DOP is collecting monthly prices of around 450 items from 1183 villages across the country. Software has been developed to enter this data online by the postal staff every month and to transfer the same to CSO. Software has been developed to monitor the movement of mails including parcels and registered articles through freighters. Workflow based Pension software and Postal Accounting Current (PACS) have been implemented in Gujarat and Karnataka circles respectively to speed up the existing manual processes. Training has been given to 5 circles for both these applications and roll out to other circles is in process. Enumeration Information System, Speed Post Routing Tracking System, Mail Volume Monitoring System between Mail Offices, etc. have been developed and are in operation. Instant Money Order (IMO) services have been extended to more than 2200 post offices. Corporate e-Post has been developed to enable users to send bulk e-Post messages. The Rural Post Offices across the country have been digitised. As a pilot project, boundaries of all divisions and Pin Codes as well as latitude & longitude of all post offices in Delhi have been mapped. Extending this to cover the entire country is under process.

Prisons

The project involves setting up of LAN and connectivity at the Central Jail and District Jails in the states and development of necessary software for prison management. This has been implemented in 3 States and are under process in 8 States.

Programme Implementation and Statistics

The Member of Parliament Local Area Development Scheme (MPLADS) Monitoring System was re-vamped. The Fund sanction sub-system was further enhanced to facilitate faster releases through RTGS to 780 Members of Parliament through 430 nodal districts. The Central Project Monitoring System (CPMS) was enriched with role-based access to maintain a live database of more than 900 projects with an estimate cost of more than 6 lakh crores. The Twenty Point Programme (TPP-2006) system was further enhanced in terms of targetable/ non-targetable items for monitoring various performance indicators including generation of English and bi-lingual reports. A pilot project for capturing Basic Statistics for Local Level Development (BSLLD) and generation of pre-defined aggregation reports for State/ UT was completed.

Rural Development

Property Registration has been computerised in 2476 Sub-registrar offices of the country. Integration of Registration and Land Records mutation has been implemented in the states of Haryana, Himachal Pradesh, Karnataka and Andhra Pradesh. NSAP (National Social Assistance Programme) MIS for three central pension schemes, namely, IGNOAPS for old age , IGNWPS for Widows and IGNDPS for Disabled pensioners has been developed. State level trainings were held and almost 900 officials were trained from State and District level. Operationalisation has started in few pilot states, with hand-holding support from NIC. The Integrated Management Information System (IMIS) and Total Sanitation Campaign have been modified and enhanced. The Nirmal Gram Puraskar Online Information System facilitates selection of Award winners through a detailed work flow process.

Science and Technology, Biotechnology and Earth Sciences

E-enabling the Nanomission comprises the Application Software captures, manages and monitors the complete life cycle of proposals and approved projects. SAARC Science and Technology Portal has been designed and developed. INTRAMOES Portal was designed and developed with latest features as per the e-governance guidelines.

Shipping, Road Transport and Highways

Regional offices of the Roads wing were integrated with the Ministry on NICNET. Project monitoring system was tested and implemented at 4 ROs on pilot basis. Advisory support was rendered to CRRRI for implementation of GIS based National Highways Information System. Networking Plan for DGBR HQ was prepared. Computerized Job Monitoring System was implemented for BRO. Officials of the Ministries of Shipping as well as Road Transport & Highways were trained on various aspect of IT including CAD for the technical officers of Roads Wing.

Social Justice and Empowerment

The website of the Ministry has been redesigned incorporating the universally accessible guidelines of W3C and includes the information like Constitutional Provisions, Legislations, National Policies, Parliamentary Committees, International Cooperation, Publications, Photo Gallery, Rates of the Scholarships Schemes and Video and Audio clippings of the Ministry's Schemes etc.

Telecommunications

Web based claim settlement management system for Universal Service Obligation Fund (USOF) has been developed. Various Chief Controller of Accounts (CCA) offices across the country are submitting the USPs claim to USOF directorate for its approval and disbursement. USOF web site has also been developed. Software for the Licensing Finance (LF) Branch of DoT is developed for the collection, recovery and assessment of License Fees, administering Bank Guarantees and other relevant financial conditions of

commercial Licenses issued by DOT to the telecom operators. Application Software is developed for online registration of Other Service Providers (OSP) with DoT.

Telematics Development Promotion Program

Online Electoral Roll Management System was developed for CEO, Delhi. Real time counting trends and results were given to Doordarshan for their special live Election Programme for Lok Sabha and State Assembly telecast through NICNET and SMS from the counting centers. Development for integration of UPSC SOAP application with payment gateway was completed. Online Staff Selection Commission typing test was completed and the support provided for SSC website renovation.

Tourism

Workflow based Projects Monitoring Information System (PMIS) has been developed to automate the process of scrutinizing, approval, sanction and release of fund by the ministry. Tourist Statistics Information System keeps the statistics on various counts. Year to year comparison is made to find out the increasing or decreasing trend of tourists. The data is received on monthly basis from Immigration Bureau.

Transport

VAHAN and SARATHI software are rolled out at RTOs/DTOs at various States. Smart Card based Driving Licenses (DL) and RCs are being issued.

Water Resources Informatics

A Decision Support System has been developed to generate the reports (National/ State / District/ Block level) of all the Ground Water (Dugwell, Shallow Tubewell & Deep Tubewell) and Surface Water (Surface Flow Schemes & Surface Lift Schemes). VOICE System (Vigilance On line Information System for Empowerment) has been designed and developed. An e-governance application for Command Area Development (CAD) wing for monitoring physical project progress and expenditure monitoring is in progress.

Youth Affairs and Sports

PYKKA-MIS has been developed and implemented to capture complete life cycle of the implementation of the PYKKA scheme starting from proposal submission, approval, fund management and finally competition management. PRIMES (Performance Review Indicators Monitoring & Evaluation of Sportspersons) is a web based monitoring system for monitoring the performance of Players for ensuing Commonwealth Games and future national and international events. Sports Authority of India (SAI) Portal designed and hosted to disseminate various facets of SAI functioning. National Playing Fields Association of India (NPF AI) application has been developed to provide information pertaining to playfields across the country and allied facilities in these fields. National Anti-doping Agency (NADA) website has been launched.

NIC Services to State and Union Territories

Andhra Pradesh

NIC provides network facilities to IITs, Dept. of Atomic Energy, Centre for DNS & finger Print Detection, C-DAC Hyderabad, ANGRA University under NKN Project. Virtual Classroom setup at IIT, Hyderabad. VSNL gateway for INTERNET access enhanced from existing 74 Mbps to 784Mbps. All the PAO Offices and CGHS Dispensaries in and around Hyderabad have been provided with MPLS network connectivity. Commissioned Video Conferencing facility in all the 23 Districts, Secretariat and office of the Chief Secretary and Chief Postmaster General. Existing 1Gbps link from Hyderabad to Delhi has been upgraded to 2.5 Gbps. New Fire wall was implemented on the existing system to enforce data security.

A Web based counseling for admission of students into various Engineering, MCA, MBA and polytechnics colleges was successfully conducted during the academic year covering about 4,74,046 students. PRAJAVANI for Speedy redressal has been extended to 5 more districts and integrated with SMS gateway. SMS based Passport Status Verification System, tracking of Mobiles, Vehicle & Stolen Vehicles implemented. SMS Based Complaint Receiving System as a supplement to existing Dial 100 facility has been implemented in Hyderabad and Cyberabad Commissionerates and rolled out to other states like Jammu & Kashmir and Kerala. A Web enabled application developed and hosted for the AP Labour Welfare Board for monitoring fund collection and disbursement under various Welfare Schemes. National Employment Portal Operationalised for all the 43 Employment Exchanges with about 1 lakh online registrations made since July 2009. Online data entry from 400 subdivisions, divisions, circles across AP and head office of Rural Water Supply Department on ongoing works and Assets has been completed. RWS Village Census data has been mapped with Habitation status data. Online Scholarship Management System has been integrated with bank Server Messaging Service for generating alerts to students. An Information Portal for Girl Child Protection Scheme under the Department of Women Development and Child Welfare in association with LIC, Hyderabad. Online Training Management & Monitoring System for Health & Family welfare implemented.

Andaman and Nicobar Islands

BIRDS project for Online registration of Births and Deaths was implemented in 48 out of 96 registration units in the UT, with facility for Birth Certificate checking on the Internet. "PROMISE" a web based MIS with dynamic graph facility was launched for monitoring of execution of 70 important projects, across 20 departments. VAHAN and SARATHI have been implemented. The web based project for disseminating details of "Issue of Commodities under Public Distribution System to Fair Price Shops" was launched. The details of Commodity Issues from Godowns to FPS shops in the entire A & N Islands are entered through the Web, so that citizens can find out the availability of PDS items in their locality.

Arunachal Pradesh

NIC provided technical support during Lok-sabha and Assembly election 2009 in terms of e-mail, internet and VC service, training to the State Govt officials in the operation of EVM machines, timely submission of various data to the ECI and CEO. Provided display of election results to the public. Remote monitoring of voting process in selected voting centres in Tirap and West Kameng districts done. Sarathi software has been implemented in five and Vahan software has been implemented in seven DTO offices. The tele-education project was launched with the objective to impart quality coaching to class XII science students in preparation for various entrance examinations. This project was implemented in three selected govt. higher secondary schools of the State. MIS for NLCPR projects for the department of planning is under implementation. The CIPA project has been implemented in 29 police stations in various districts; implementation is in progress in another 12 police stations.

Assam

Vahan and Sarathi implemented in twelve DTOs where smart-card-based DL & RC are being issued. e-Registration project enhanced and implemented in Kamrup Metro (Guwahati) Sub-Registrars' Office. The Dharitree software is being rolled out to cover about 150 Revenue Circles. Counting Management software developed and used successfully in forty eight counting centres on the day of counting. MIS developed for Public Private Participation (PPP) Cell under the P&D Departments, Small Tea Growers of Assam, Registration of Birth and Death, Registration of Firms and Societies. A Personnel Information System for State Government Employees developed.

Bihar

Web enabled Software ISHPAT (Integrated software for High Court, Patna) and District Activity Monitoring Software - JOAS (Judicial Officers Activities Monitoring System) has been implemented. For Patna High Court Reception cum- Information Centre has been launched to provide multi-purpose facilitation as G2C services. E-Certificates e.g., caste, income, residential, land ownership are being delivered through 534 established Block Informatics Centres. G-FACTS (Government Financial Accounting System) have been implemented at DRDAs and Block level for financial transactions. Vahan and Sarathi Project has been rolled-out in 20 districts in Bihar. Chanakya (Registration & Examination Module) has been implemented in Patna University Colleges. NIC is extending technical support for implementation of PlanPlus, National Panchayat Portal. Revenue Administration for Computerized Energy (RACE) Billing is running smoothly in 10 divisions of Patna Electric Supply Undertaking through 31 counters reaching more than 3 lakhs energy consumers. Bar code and ATP (anytime payment) facility has been introduced for improved service delivery. e-Procurement project has been initiated with Rural Construction Department (RCD) for PMGSY scheme. Training has been held for its implementation. Bhawishyanidhi application software has been implemented in 28 locations to cover 4 lakhs employees of Bihar Government.

Chandigarh

E-Governance initiative of Chandigarh Administration to provide "multi-service single-window convenience" in the form of 28 services through the eSampark centres, successfully completed 5 years of operations in which 22.34 lakh transactions involving cash transaction of Rs. 951 crore was recorded in the calendar year 2009. Chandigarh State Wide Area Network (CSWAN) has resulted in closely knitting the various departments of Chandigarh Administration. Smart Card based Ration Card for Public Distribution System will be rolled out in February 2010. SARATHI and VAHAN have been fully implemented and the applicants are being given smart card based licences and registration certificates. The process of creation of State Consolidation Registers and State Registers is in progress.

Chattisgarh

The Cadastral Mapping Solution BHU-NAKSHA has been implemented on pilot basis for one village and its rollout all over the state is under progress. This software has also been customized for Haryana for implementation in two districts. Further, the tool has been demonstrated to the Governments of Orissa and Bihar. VAHAN and SARATHI have been implemented in 14 and 8 districts respectively. The Property Registration computerization project has been running in Bilaspur. Internet enabled payroll system integrated with Treasury, has been implemented. Deposit works database is developed for monitoring by departments. Computerised Draw of lots software for Excise Department is implemented to prioritize allotment of 2000 liquor shops to prospective bidders out of 10 lakh applicants. PHED call centre has been established where the citizens can register the complaints related to drinking water supply on a toll free number. Rural Engineering Services (RES) Works and Accounting system designed. E-court s/w modified according to the workflow of district courts and provided to all the district courts for implementation. A fully online software to issue the subsidy to the farmers based on various criteria is implemented. A fully online software for sanctioning & monitoring of funds in Agriculture Department through Agri Budget. Fully online softwares have been delivered to monitor the data with respect to fertilizer, seed, area sown, rain, loan, fertiliser licence etc., for Kharif & Rabi seasons; Hospital reporting System, for 16 district Hospitals & 136 Community Health Centres based on various parameters. Currently offline at PHC level with a facility to upload to server and online from CHCs of the State.

Dadra & Nagar Haveli

Computer based Single Window System implemented in Silvassa Collectorate for monitoring applications for 32 types of certificates and services from 12 departments. Single Window Investor Friendly Terminal (SWIFT) in District Industries Centre acts as an interface between industries and UT Administration. Web Site, File tracking System, Water Billing System, Birth & Death Registrations, Property Tax System have been implemented for Silvassa Municipal Council. S/w has been developed for monitoring & disbursement of scholarship to 8000 students for Education Department. Web based application s/w for registration of job seeking unemployed youths with database size of

up to 37000 records have been developed for Employment Exchange. VAHAN, SARATHI and Integrated Diseases Surveillances Program implemented. For District Panchayat, 4th Minor Irrigation Census, 18th Live Stock Census, PMGSY, NREGA, Widows Pension and Old Age Pension implemented. Imparted guidance to UT Administration for establishing UTWAN & SDC.

Daman & Diu

ICT Support Services to Election Department during General Election were provided. Technical support extended for VAHAN, SARATHI, NRSR, CONFONET, CIPA, CIS, Input Survey, Agriculture Census, NSAP, Poverty Line Survey, CONTACT, Pension Billing, Sales Quota Tracking, COMPACT, e-Lekha, FishNet RealCraft, etc. Replicated Water Supply Billing System at Silvassa(DNH). Daman.nic.in web site updated to include information regarding all the department on separate sections. Websites are being developed for Electricity Department, Police Department and Govt College. Implementation of RACE (Electricity Computerization), VatSoft, DHARANI, Renewal of Ration Card, are going on. Managed and maintained locally developed projects like RBD, RIMS, SWIFT etc. Provided Technical Support in finalizing the DPR and related activities for SWAN. Extended network connectivity to the Post Office and GDPWAN.

Delhi

Delhi Government SWAN Connectivity increased to 75 locations with 2 Mbps Leased lines. Delhi Government has been provided connectivity with secured and authenticated broadband (Tri Band-DG) facility (increased to 550 locations). Counseling for admission to diploma level programme (2009-2010) by Board of Technical Education was done through Web Based System. District Information System for Election (DISE) implemented for Lok Sabha Elections 2009. BTF Monitoring System for Delhi Government is under implementation. CM Compliance Monitoring System of Bhagidari issues through Videoconferencing implemented. National Portal content work for Delhi is being done.

Goa

DC*Suite has been implemented in the South Goa District. Taluka*Suite has been implemented in all the five talukas of the South Goa District. XGN (Extended Green Node) s/w has been implemented in the Goa State Pollution Control Board. Extended ICT support for the General Election 2009 and International Film Festival of India 2009.

Gujarat

The web based counseling for admission for five courses i.e BE, Pharmacy, Diploma, MBA and MCA was conducted. MOU is signed between NIC and Directorate of Technical Education. SARATHI and VAHAN Software are implemented in fifteen and five districts respectively. The web based application for dealer registration for various categories of vehicles is implemented at Ahmedabad and Surat. The Ration Card System, Land Records are operational in all talukas. The ROR@village is operational in more than 3000 gram panchayats where the record of right copy is provided at gram panchayat

level. Similarly web based City Survey Information System (CSIS) is operational in all 66 city survey offices. Web based Janseva application is operational in more than 150 talukas. The XGN (extended green node) is operational in Gujarat Pollution Control Board and being replicated in Himachal Pradesh and Uttarakhand. The DLIMS (Drugs Logistics Information System) for central medical Store Organisation is made operational at regional depots. The Registration of Documents (ReD) system is implemented in all 150 sub-registrar offices. The lok fariyad at jansamparak office of CM is made operational. The Pension Authorisation and Voucher Auditing system for Dept. of Post is implemented at Ahmedabad. TEAM (Taluka Enabled Automated Monitoring) system to compile various types of statements from taluka to district to state is developed and made operational for Revenue, Disaster and Entertainment departments.

The computerization of Social Justice & empowerment Department (SJED) field offices is being undertaken and initially bar coded caste certificate module along with photograph is introduced in 21 districts. A generic system for district court (based on Maharashtra) is made operational at Patan, Gandhinagar. The district court case status and orders is made available on internet for selected courts. The High Court of Gujarat used online application process for their recruitment procedure. Software support provided to district administration in Election Computerization work for various phases of election during Lok Sabha Election-2009. The MIS for monitoring of Mid Day Meal scheme is developed and made operational in two districts. A monitoring system for coastal taluka for implementation of various department schemes called Sagar Khedu is developed and implemented. A web based ISMART (Integrated Scheme Management Application Repository) system for Tribal Department is developed and implemented in selected talukas.

Haryana

Smart Card based Ration Cards (SCbRC) & TPDS Project as pilot project has been implemented in Haryana. Government electronic Procurement (GeP) System was launched with 137 live tenders. Integrated On-line Entrance Test and on-line Off-Campus Counseling for Admission to 11 professional courses implemented. e-Tourism for on-line Tourist Rooms and Facilities Booking and Management System implemented with internet payment gateway interface. Web enabled Treasuries Workflow Integration (MMP - e-Kosh21), implemented. HaPPIS (Haryana Pensions Processing & Information System) for Transfer of pension to Banks for Electronic Banking Transfer for disbursement for 16 lakh pensioners deployed. IntraGov Haryana Portal has been integrated with e-Office Suite. Haryana has achieved dynamic Integration of LR, PR and to integrate LR with Cadastral Maps. Workflow based State Annual Budget for 2009-10 completed.

GIS maps of State, districts & blocks customized with village points/boundaries and important layers to create GIS database for Mewat & Palwal districts. Locations of CSCs digitized on village Maps. High Court and District and Sub-Districts courts have been automated. e-Passport Project implementation support was given to RPO Chandigarh. CIPA implemented at all Police stations. e-PRI MMP Information and Services Need Assessment (ISNA) Study completed and Report submitted. EVCS installed at CPMG office and organized VC based reviews for project Arrow. NIC RA has been setup at

Chandigarh to process digital signature applications and issuance of DSCs locally. The Haryana electoral data and BPL families database established. Interactive and comprehensive dynamic employees Portal for Office of Accountant General Haryana for GPF information & pensions implemented.

Himachal Pradesh

Technical and software support provided to the HP Election Department during the General Elections 2009. The SMS gateway has been incorporated in e-Samadhan for grievance lodging and redressal to provide the citizens with auto-alerts. CIPA implemented in all Police Thanas of the State. Land Records software integrated with the Registration software and implemented in all operational Tehsils of the State. Web based ePraman made operational in all 131 tehsils and 31 Sub-divisions. 10 RTOs, one STA and RTO Flying Squad Offices have been covered for the implementation of Sarathi & Vahan including the Permit Module. Pathkar software for routes and time table has been prepared and implemented. SMS gateway interface added in the Shastr (Arms Licensing Software) workflow and implemented in all Districts. Integrated Pay & Accounts software implemented covering about 1.75 lakhs employees of State Government. The Electronic Clearance System (ECS) and Arrears module added in the Pensioner Information system(ePension). Online Registration of unemployed youth enabled directly on the Job Portal. The eTenders software is being implemented in the HP PWD for the PMGSY tenders.

Jammu and Kashmir

Awaz-e-Awam, Public Grievance Web-based Monitoring System launched. Complete ICT based support provided during Lok Sabha Elections, 2009. For Transport project, VPN Connectivity provided to 6 ARTO offices for updating the state register. Implementation of SMS complaints registering system at Police Control Room Jammu in addition to dial 100 facility for the citizens of J&K. e-Court replicated across the state up to Tehsil level (Munsiff court). Hospitals Management System launched at district Kathua. Single Windows System within the District Magistrate office launched at district Kathua for issuance of Gun licenses and various certificates issued from DC office. Generation of GIS Maps of Jammu with village boundaries and indicating the 2002 Census data completed. 22 maps for planning dept. generated indicating the major facilities available within the respective districts. Under Police Network Project, 2 MBPS connectivity provided to 33 locations in the Police department along with Video Conferencing facility at all the Zone Hqs. Implemented 2 MBPS connectivity to 20 Post Offices. Cashless transaction system implemented in eight major Treasuries, having Jammu & Kashmir Bank as payment gateway. Implemented 4th Minor Irrigation Census.

Jharkhand

Web based application was developed for total IT support for the Lok Sabha and Vidhan Sabha elections -2009. Under VAT Computerisation, the Return Filing was made e-enabled. The Jharkhand Government extended the Govt. service e-NaGRIK sewa to the CSCs for the issue of Certificates like- Birth, Death, Income, Caste, Nationality, etc.

Under Treasury Computerisation, Value Additions like "SMS to GPF/CPS Contributors", Alerts on Advance drawals, Communication interface for the DDOs have been added. A web based application developed for maintaining all old and new data of the Government officials for vigilance clearance. Criminal Records Investigation System for CID department has been developed. Modules for PIS, Swajal Dhara & Total Sanitation program, etc., were completed and deployed. New web based developments were done for Revenue Court cases monitoring and Arms Licensing softwares. Application for Jharkhand State SC Development Corporation has been completed. Live stock census was completed.

Karnataka

NEMMADI, the single window system for delivery of 42 G2C services, operational in 177 talukas, has been enhanced and tested in one pilot district. Under BHOOMI project, Integrated Mutation Process with PKI have been rolled out. Bhoomi has been integrated with Kaveri for Auto generation of transaction, with Mojini for survey map and with Banks. Under VAT Computerisation, a number of e-services, like e-filing , e-CST forms, e-VAT forms has been developed and deployed and more than 40,000 dealers are using this currently. The Panchatantra software has been developed for the activities of Grama Panchayathas of Karnataka, is implemented in 200 GPs so far. Bruhat Bangalore Mahanagare Palike(BBMP)- Birth & Death certificates with digital signatures, Trade Licence registration, issue & renewal including on-line registration through payment gateway, web based revenue billing and collection system have been implemented. BELE system for agriculture department to capture the data related to field offices has been developed. Vaahan and Saarathi implemented in all 55 RTO and ARTO offices and started issuing smart cards for RC and DL. A web enabled scholarship information system for social welfare department of Karnataka has been implemented. PLO (Paperless Office), web-based workflow system to monitor/track letter/file works in intranet & over internet for public access, is implemented in few districts. INTRAMINE, a workflow system to manage the issue of various leases & permits for Mining, Quarry & Reconnaissance for department of Mines & Geology is developed. Postal Accounts Current System (PACS), to capture the government transactions with banks from postal units implemented in Karnataka postal circle and rolled out to 5 more circles. Karnataka Appellate Tribunal (KAT) activities were made online with Filing, cash counter operation, causelist generation.

Kerala

Websites of Kerala Prisons, Ernakulam district Court developed and hosted. Mobile friendly results website launched. BPL SURVEY 2009 Software implemented across the State. E-District project covering 42 Services across 9 departments has been taken up in two pilot districts of Kerala. Corporate ePost has been implemented in the Chief Minister's Office for sending acknowledgements for the grievances received. Service and Payroll Administrative Repository for Kerala (SPARK) project is being implemented in all government departments for about 3 lakhs employees. Soil Conservation Network Information System is developed for the field offices of Soil Conservation Unit of the Department of Agriculture. SPECS is a Client Server application developed for Computerizing the Survey and Census Activities of Economics and Statistics

Department. A web based application developed for Finance Department for automating the Issuance of Letter of Credit and is being used by 215 Divisions of cheque drawing departments. Online counseling 2009 completed for Engineering, Medical, higher secondary, Lateral Entry Admission to B. Tech courses. Ration card management system implemented across the state and central database of all the ration cardholders has been created. Software developed for the electronic transfer of Treasury data to the Accountant general office for voucher level compilation. On-line processing of scholarship of directorate of collegiate education implemented.

Lakshadweep

State Wide Area Network (SWAN) provided to all the 10 inhabited islands of Lakshadweep. The Computerisation of helicopter daily manifest was also carried out during the current year. Advance Ship Ticket Reservation for the Port Shipping & Aviation department, Inventory Management System for Department of Electricity, Electoral Roll Management System (ERMS), PRISM, Digitisation of Employment Services ,Official website of Lakshadweep Administration are few applications which are being supported for its smooth running . PlanMIS V2.0, a web-based application for generating monthly schematic budget plan for the department of Planning and Statistics has been implemented.

Madhya Pradesh

Four new district informatics centres (DIC) have been established at Annuppur, Sheopur, Singrauli and Alirajpur thus taking the total NIC district centres in MP to 49. Establishment of 2.5 Gbps National Knowledge Network Backbone at NIC, MP, Bhopal and 900 nodes GIGABIT LAN at National Institute of Technical Teachers & Research Centre under Ministry of HRD, GOI, Bhopal have been completed. Established Leased Line based Network for Department of Forest (17 locations) & Department of Post (Phase-II - 47 locations). Implemented work-flow based Education portal for Rajya Shiksha Kendra; an online database of 1,10,000 schools and more than 3.5 lakh employees. E-scholarship web portal implemented for post metric scholarship. Health Information System for CBHI has been designed, developed. Election Management & Information System (EMIS) for Parliament Election 2009 and implementation of Communication Plan across the country during Lok Sabha elections for CEC was executed. CIPA implemented in around 300 police stations. Geomatics-based Application for Planning Rural Road Connectivity to Habitations under PMGSY, Forest Mapping for entire state, web based e-Pdms for monitoring of allotment, lifting and distribution of commodities covered under PDS, net based integrated co-operative development project for Dept. of Co-operation have been implemented.

Maharashtra

Mumbai segment of National Knowledge Network of 2.5/1.0GBPs connectivity between IIT Mumbai, TIFR, BARC launched. ICT infrastructure has been set up for Medical Admissions Counselling and B.Sc Hotel Management Admissions. Technical assistance given to Govt. of Maharashtra for integration of State wide area network with NICNET. Preparation of Project Management Plan and Cost estimates for Department of Fisheries

Project of Vessel Registration and Licensing for six coastal districts. ICT support provided for the Loksabha and Assembly election in 2009 at State and districts. Implemented Dept. of Post Project in 100 Post offices and CIPA Project in 358 Police Stations. MIS for all departments using Status Information Management System, NSAP in districts, e-Procurement system for PMGSY in all districts have been implemented.

Manipur

Operation and Maintenance of NICNET at State Unit and District Centres with 2 MBPS LL circuits, SWAN and SDC, WiMax in the district centres, operation and maintenance of VC in the offices of Chief Secretary and DGP. 2 MBPS LL were provided to Director of Census, Director Postal Services and State Department. Operation and Maintenance of LAN, MAN (with RF & Wimax) in Imphal city area covering all Govt offices. Software Projects implemented are NREGA, e-PRI, e-Procurement in PMGSY, File Tracking System in Manipur Secretariat, CPIS-Manipur in all departments, Computerisation of Pension Payment System, TreasuryNet, Land Records, Registration, Smart Card in Transport Dept (VAHAN & SARATHI), e-Court, IDSP, CONFONET, Energy Billing System, Payroll in GAD and Education Department, Sarva Shiksha Abhiyan, PAPAS (Protected Area Permit Application System) Online monitoring of Projects in Planning Department, AGMARKNET, etc.

Meghalaya

e-Services like e-Waybill, Online Dealer Search, Online Commodity Search, MIS Reports, etc., have been implemented for Commercial Taxes Department. Interoperability between Treasury & Taxation have been established. Sharing of CST data between VAT Server and TINXSYS Server have been automated. The online Treasury Computerisation has been implemented in all Treasuries and Sub-Treasuries in East Khasi Hills, West Khasi Hills, Jaintia Hills and Ri Bhoi Districts of Meghalaya e-learning services has been provided to 7 schools. CIPA has been implemented in Police Stations. Land record & Land Registration computerisation projects were initiated on a pilot basis at East Khasi Hills District. Developed megIFMS, a Financial Management & Information Portal to provide the overall picture of the financial transactions by various DDOs across the state on daily basis. Developed a web based application “Personal Leave Attendance Salary Management Application (PLASMA)” to manage the Personal Information of the State Government Employees.

The Pension Automated System has been implemented in Shillong. The implementation of Contractor & Supplier Information System of the Web Based MIS for PHED has been completed. The customization of VAHAN 2.0 in connection with the computerization of State Transport department has been completed. The Energy Billing Systems have been implemented at Jowai Revenue Division. The implementation of the Hospital Management System in Ganesh Das Hospital, Shillong, Generation and printing of the Family Identity Ration cards to the respective households in urban areas, computerization of the City Civil Court under the e-Court project and Computerization of the Meghalaya Public Service Commission has been completed. IT support was provided to District Administration & CEO’s Office during the Lok Sabha election 2009.

Mizoram

Various central projects like Vahan, Sarathi, State registry, CIPA, Treasury computerization, online SAD, Agmarket, Agrisnet, Land records, NREGA, etc., have been implemented. Installed EVCS at Chief Secretary office.

Nagaland

NICNET is having a bandwidth of 45 MBPS (PGCL) as primary link and 45 mbps (BSNL) for backup. 2MBPS Lease Line to seven districts Hqrs. has been commissioned out of Eleven Districts. 40 RF nodes provided to state government Directorates in the state capital. Wimax implemented in the five districts of the state for Tele education project. Online registration system has been implemented at Regional Employment Exchange, Kohima. Sarathi and Vahan s/w for vehicle registration and driving license has been rolled out to the all the RTOs/DTOs. Attendance Monitoring system is being integrated to PIS. Web based Weather Information System for Agri and Allied Dept implemented. Traffic Offence Monitoring System Software has been implemented. Extended technical help in the Lok Sabha and Bye Elections of 4 Constituencies. The BRGF Plan Plus Workshop conducted and district level training imparted in 5 districts. The s/w for monitoring NREGA, IAY, DDWS, NSAP, etc., have been implemented.

Orissa

GePNIC has been implemented in Orissa, which has resulted in substantial increase in bidders' participation base. More than 2500 departmental officers and more than 5500 bidders have been imparted training in usage of GePNIC software. Recently, GePNIC was launched at Mahanadi Coalfields Limited.

A standardized district portal framework, which contains a solution towards e-Government transactions for districts across the country has been developed and is under roll out. Automated Local Fund Audit System (ALFA) for complete workflow of the Audit tasks of various institutions, Guarantee Fee Monitoring System, etc., have been implemented. SUBIDHA(State Urban Bodies Integrated Data Handling & Access) for providing online Grievance Redressal, Kalyan Mandap Reservation System, Online Birth, Still Birth & Death Registration System, Marriage Registration System, Holding Tax Monitoring System, water tariff Billing Application, etc., have been implemented for Municipal Corporations of Bhubaneswar, Cuttack, Berhampur, Khurda and Puri. Based on the Delimitation, 21 Parliament Constituency boundaries and 147 Assembly Constituency boundaries of Orissa were reorganized and then Geo-referenced. For Ganjam district all 2469 Polling Station locations have been mapped along with communication network. All the 87 Regulated Market Committees (RMC), 8 RMC-cum-Sub-Market and 221 Submarkets in Orissa are mapped along with rail & road network in GIS environment for better visualization of locations and instant retrieval. All the Districts, Blocks, GPs and Villages of BRGF districts have been mapped spatially for identifying bad sectors, critical gaps and other parameters of planning.

Puducherry

PSWAN was made operational in Puducherry. Implementation of Mission Mode Projects like Sarathi, Vahan, CIPA, Employment Exchange portal was carried out. CIPA has been implemented in 38 Police Stations. Systems implemented include VAT Computerization, Payroll for 80 departments in Puducherry UT. 35 Websites for State/Central Government Departments were designed, developed and hosted. PDS Automation is in progress including computerization of Ration Cards and issue of permits for distribution of PDS commodities across all FP Shops. System for On-line Monitoring of Expenditures for Govt is in progress. Support was provided for the General Elections 2009.

Punjab

IIT-Ropar has been provided with 100 Mbps Fiber Connectivity and Video Conferencing facility under National Knowledge Network project. LAN and WAN over VPN configured at 22 sites under projects for Dept. of Posts, Immigration, DAC, Pay & Accounts, etc. Developed an Integrated prototype system iMIS (integrated Information Management System) for Department of Water Supply and Sanitation. Executed Web based counseling projects covering all the B.Tech/B.Pharmacy Degree courses in 84 colleges of 4 Universities and all the diploma courses in 88 institutes all over the State. Designed and developed online system to monitor the Election process on the polling day using SMS gateway. Developed & implemented DISE software for Parliamentary Elections in states of Punjab, Himachal, Delhi, Karnataka, Mizoram and Chandigarh UT. Implemented VAHAN & SARATHI in 10 DTOs and 20 SDM offices and extended the implementation of SUWIDHA and Jan Aushadhi software to districts. Personnel Information System was customized for DGP Office (Intelligence), Punjab.

Rajasthan

BPL Jeevan Raksha Kosh system for management of hospital facilities for BPL patients has been implemented for more than 450 government health institutions. VAHAN has been implemented in 35 RTO/DTO offices with VPN over broadband connectivity. Personnel Information system has been deployed for Police department. SecOnline, the Intra Secretariat application has been developed and implemented for entire Government Secretariat. Prison Management System has been deployed in 8 central jails. Online counseling for admissions to B.Ed. Colleges was taken up. Elections Management Software was implemented. Pregnancy, Child Tracking and Health services management system has been deployed for all the government health institutions in the state numbering more than 13000. Digitisation of khasra maps under NLRMP has been initiated in Tonk district. Linking of land registration data with Jamabandi has been established at 14 locations in Jodhpur district. E-Procurement implementation has been started for PMGSY tenders. Digital signatures have been issued to more than 700 users.

Sikkim

Land Record Information System-Online Mutation is implemented in 10 subdivisions of Sikkim. Online Property Registration Information System has been implemented in one

subdivision in a pilot basis. IT support has been provided to E-court, Confo-net, India-portal, Election, RTO projects. All the layers like, village boundaries, roads, land use, forest, etc., are separated from the national database to create a geo-database for the state of Sikkim under Multi-Layered GIS Project Upgradation. Under Integrated Disease Surveillance Project, IDSP computer cell and training room have been set up in all 4 district hospitals, state health secretariat and all medical institutes. Now all the weekly reports are being submitted through the web-based software. The ongoing VAT Computerisation Project is enhanced and audit modules being handed over to the user for testing. VAT return process is already computerized and the dealers are filing the VAT returns in the computerized system.

Tamil Nadu

National Knowledge Network nodes have been provided in Tamil Nadu to IIT Chennai, IGCAR Kalpakkam, Anna University, Nethralaya, IMSc and C-DAC Chennai. Online Scholarship Application for Backward Classes was developed and applications for more than 2.0 lakhs Students have been filed. Revenue software was designed and developed under eDistrict Programme. Application has also been developed for schemes for Social Welfare Dept. STALL Software was implemented in 98 RTOs for Online Learner's License issue. Dealer point Registrations was implemented for RTOs. Testing of e-payment integration module is in progress. e-filing of VAT Returns to VAT Dealers for Commercial Tax has been extended to 2.10 Lakhs assesses in Tamilnadu. Every month more than 60 Lakhs records are being captured through this system. Online e-Payment implemented for Dealers and more than Rs 1100 Crores of Tax collected per Month through e-payment. NREGA Scheme is implemented in all the 385 blocks of the state. GePNIC Software for e-tendering was implemented for Mahanadhi Coalfields Limited, Orissa. eTendering for PMGSY for 15 states has been taken up. More than 14,000 Tenders of 38,000 Crores have been floated in five states. District GIS project has been initiated for Cuddalore and Nagapattinam districts. Under Chennai Utility Mapping Project 192.5 sq km of spatial 3D data at 1:1000 scale has been hosted. Digitisation of FMB record was implemented in 28 districts using CollabLand and integrated with Non Spatial Application – Tamil Nilam. More than 200+ Survey officers are using the application and 3,10,802 FMBs captured so far. "CARE (Central Application REceiving) Centre" was implemented to facilitate the industries in Tamil Nadu to file applications and to expedite the process of issue of consent/authorization at a single point. e-Governance Portal for Directorate of Technical Education and Productivity Portal for National Productivity Council has been designed and hosted. Online system for arriving at monthly PDS Allotments has been made available. Pregnancy & Infant Cohort Monitoring System for Directorate of Public Health was developed.

Tripura

Workflow based License Monitoring System has been implemented in Factories and Boiler Dept Web based Energy Billing Systems have been rolled out across the state. Land Records Information System (Jami Ver. 3) has been rolled out in another 3 new revenue circles in remote hill areas. Workflow based e-Hospital solution has been rolled out in another two large hospitals i.e. Dr. Ram Monohar Lohia Hospital, New Delhi and Tripura Medical College & Dr. BRAM Teaching Hospital, Hapania, during the financial

year. Tripura State Wide Area Network, totaling 61 PoPs, have been completed and fully operational. SMS based Agromet Advisory Services (Met) for ICAR-Tripura Centre has been developed and deployed. SMS based Electoral Information and Poll Monitoring System for GE-2009 was developed and implemented and subsequently rolled out in Assembly Bye Election in Tripura, Tamilnadu and Himachal Pradesh.

Uttarakhand

UK-SWAN project is almost in the final stage of completion by establishing around 135 POPs in all the 13 Districts, 84 Tehsils and 95 Blocks in the state. LAN in all the District Collectorates have been established. Networking of all the 28 Treasuries carried out. Conducted Online Counseling for admissions in various B-Tech and Diploma courses during 2009-10 in the state. Completed the task of disseminating the results online of Panchayat & Urban Local Bodies elections held in the state. Technical support also extended to State/district administration during Lok-Sabha 2009 elections. Developed and hosted the website of Kumbh-Mela 2010. Augmented Online Treasury Computerisation implemented in the state by sharing the data between Commercial-Tax, Budget, Treasuries and also to ensure electronic clearing system through the banks. Completed the MIS development work and training has been imparted to their officials in around 14 batches for Uttarakhand Jal Sansthan/PeyJal-Nigam under Rajiv Gandhi National Drinking Water Mission Programme project. Vahan & Sarathi applications were rolled out in 13 locations. Updation of Land Records Data through web-services from Tahsils/Districts to Central Server at NIC-UK has been rolled out. Maintenance support extended to existing LR system besides initiatives undertaken to implement the newly launched National Land Records Modernization Programme (NLRMP) of Govt. of India in the state. Computerization of Property-Registration project extended and now around 14 SROs have been computerized in the state. Implemented e-filing of returns in the state.

Uttar Pradesh

e-District pilot project in six districts of the state was rolled out. More than 5 lakh digitally signed certificates/services were delivered to the citizens from the districts, tehsils and even villages in the year. Through e-Scholarship software system electronic disbursement of scholarship is directly done to the bank account of more than 3.9 crore beneficiaries. Commercial Tax (VAT) Computerization, e-Procurement, Tehsil Diwas, Pension System (old age, widow, handicap etc.) are some of the other IT Services implemented. UPSWAN implemented, which is an 885 node WAN connecting all the blocks, tehsils and districts on an Intranet to serve as the backbone for all e-Governance applications in the State, 'GIS based planning' project, SMART Card based Driving License system in the entire state, Food & Ration Card Computerization, e-Prashashan – U.P. Secretariat Computerization and addition of more services to the e-District platform are under implementation.

West Bengal

BHUCHITRA maintains land records data and village level scaled maps showing plot maps with demarcation and is being rolled out to all 341 block offices. Digitisation of

maps is in progress, 41000 maps have been digitised and integrated with ROR. Computerization of Registration of Documents (CORD) has been rolled out to all 237 Registration offices of the State. COSA has been developed for implementation in around 10,000 Government offices for generation of Pay bills, Yearly Salary Statement, Form-16, Gradation List, etc. IMPACT facilitates Registration, Return filing and processing, Audit, Assessment, introducing e-services for VAT. Providing information through SMS service and payment of tax/fees through payment gateway has been integrated with SARATHI and VAHAN. National Portal for Missing Children has been developed as a pilot project. Postal activities are supported by extending connectivity to 75 post offices, installing an EVCS system at the CPMG Office as well assisting in deployment of various application software. Immigration Control System has been extended to 9 more Indo-Bangla check posts.

Open Technology Centre (OTC)

OTC is a nodal agency for Open Technology related activities in e-Governance applications managed by NIC/NeGP and promotes the use and adoption of Open Source tools/software. The activities include recommending open source software stack for development/deployment and provisioning support services. Also OTC acts as coordination centre for the technology committees setup to recommend standards for the NeGP applications. Technical advisories provided in the form of proof of concepts/experiments for identification of tool set for the development of state portal for Tamil Nadu state. Consultancy is given to migrate the Legacy applications such as OPA to Open Source Applications. Migration of some of the modules of EPFO application was carried out. Data replication was carried out by using Open Source Tool Replication tool “SymmetricDS” for Land Records Project and for some municipalities of Tamil Nadu. Online verification services based on the replicated data is provided. Hand Holding Services are provided to Smart Card Based Public Distribution System (PDS).

OTC has contributed toward the design and architecture of “Service Delivery Platform” which will be a platform for availing and providing services in the domains of G2G, G2B and G2C. OTC has explored the XRX (X-Forms REST Xquery) technology and developed proof of concept applications based on XRX for the Commercial Taxes Department, Tamil Nadu. On the Open Source Promotion front, OTC had conducted a technology workshop on “Components Based Software Development”, organized series of training programs on various Open Source Technological areas/Tools. OTC has recommended a set of Open Source Tools to be included in BOSS Operating System. OTC has formulated procedural details for providing live problems/issues faced in the implementation of e-Gov Applications as student projects. On a pilot basis, OTC has already engaged few colleges for facilitating Student project Initiative.

National Informatics Centre Services Incorporated (NICSI)

National Informatics Centre Services Inc. (NICSI) was set up in 1995 as a section 25 Company under National Informatics Centre with an aim to provide total IT solutions to Government organizations. NICSI continued its IT services to the whole of the government sector across India. The emphasis in the current year progressed from IT enabled services to e-governance services. NICSI’s turnover increased in terms of value

and number of projects. NICS I continued its services to the major projects like UP SWAN, Passport Office, computerization of CGHS dispensaries and introduction of plastic cards to the CGHS beneficiaries, National Knowledge Network, mission mode projects like e-districts in a number of States. Comprehensive DDO SW, Office Procedure Automation (OPA) SW and File Tracking System (FTS) SW were implemented in a number of Government departments.

Major projects undertaken during the year are Implementation of ERP SW in Indraprastha Power Generation Co Ltd., Setting up of Uttrakhand SWAN, Broadband connectivity to 2500 CSCs using VSAT in the North-East, Below Poverty Line (BPL) Unique ID project of Ministry of Labour, Setting up of Disaster Recovery Centre for Director of Treasuries UP, Computerization in Petroleum & Explosive Safety Organization Nagpur, Computer Aided Learning Project for Orissa Primary Education Program Authority, BPR Study for the infrastructure needs of Panchayati Raj Institutions in States/UTs, GIS Infrastructure Development for the Dept of Economics & Intelligence, UP. Computerized Project Monitoring System (PMS) for NICS I was developed and made fully operational. PMS helps right from project initiation to stage-wise progress of the project to its closure. NICS I e-procurement SW hitherto being used by the States of Orissa, Tamilnadu and UP was implemented for its own tender processing.

Highlights

NIC has leveraged ICT to provide a robust communication backbone and effective support for e-Governance at various levels including sub district level in many states. Wide range of ICT services offered by NIC includes NICNET, a Nationwide Communication Network with gateway nodes at more than 80 Departments of the Government of India, 35 State/UTs and 616 Districts to service ICT applications. NICNET has played a pivotal role in decentralized planning, wider transparency of national and local Governments, improvement in Government services and accountability. NIC assists the Central and State Governments in implementing e-Governance projects and endeavours to ensure that state-of-the-art technology is available to its users in all areas of ICT.

In order to ensure that the government benefits from the latest technologies, NIC is constantly upgrading NICNET facilities. In 2009 the existing 2 Mbps Leased data circuits from State Capitals to districts were enhanced to 34 mbps in 174 districts. 1318 Post Offices were also connected through 2 Mbps leased circuits. All Districts of India are now covered with NIC's Videoconferencing Services and NIC's Infrastructure has capability to connect all Districts of India (over 600 districts) in one Videoconference. In the last year state of art VC facilities were provided in 186 Districts over NICNET. National Knowledge Network was expanded with connectivity provided to over 50 institutes and virtual classrooms setup in 6 IITs. The data Centre facilities at Delhi and Hyderabad were upgraded to enhance the storage facilities and a new Data Centre is being set up at Pune to cater to the increasing demand. Additionally, mini data Centres in NIC State Units were also upgraded and storage capacity enhanced.

Web services were continued across India and numerous websites were launched at Central, State and District Levels while existing sites were maintained, updated and enhanced with facilities to ensure that the sites are more citizen centric & disabled

friendly. Guidelines for Indian Government Websites were released to ensure standardisation and usability. Some important Citizen Centric Sites launched include Helpline Portal of Rashtrapati Bhawan and CIC Online for lodging of RTI Complaints. The Rajya Sabha Debates Portal was launched by the Vice President of India.

As part of NIC's citizen centric e-governance initiatives, programmes for citizen service were enhanced in existing districts and new programmes launched in a number of districts. UP was the first state to implement e-District system in 6 districts. The Worker's information module added to NREGASoft now allows accessibility to any worker from a kiosk with his thumb and see/hear the required information in his local language. E-Governance initiative of Chandigarh Administration to provide "multi-service single-window convenience" in the form of 28 services through the eSampark centres, completed 5 years of operations in which 22.34 lakh transactions involving cash transaction of 951 crores was recorded in the calendar year 2009. As part of 100 days agenda of Department of Personnel & Training, the task of implementing e-Service Book system was accomplished.

GePNIC, the e-procurement solution of NIC has been implemented in many government departments of Orissa, West Bengal, Tamilnadu, Uttar Pradesh and Haryana. It is now being implemented for Pradhan Mantri Gram Sadak Yojana (PMGSY) procurements in 15 states, including some North Eastern states. As on date 10631 tenders amounting to Rs 24471 crores has been hosted on Orissa portal.

Support for major MMP projects continued. VAHAAN and SAARTHI were rolled out across the country. VAT computerization was enhanced to facilitate many e-services including e-payments and implemented in a number of states. Number of Police Stations under CIPA increased in each state. Software implemented earlier was constantly updated to use the latest technologies and provide improved access. e-filing of VAT Returns to VAT Dealers for Commercial Tax-has been extended to 2.10 Lakhs assesses in Tamilnadu and Rs 1100 crores of tax collected per Month through e-payment. eCourts MMP has been launched.

During the General Elections 2009 and all State Assembly election held in the last year, NIC provided ICT support across the country. This support includes capture, transmission and display of results as well as hosting of election data. Implemented DISE Randomization Software for election department for Parliamentary Elections in states of Punjab, Himachal, Delhi, Karnataka, Mizoram and Chandigarh UT.

The GIS and Remote Sensing Services were provided to a variety of sectors such as posts, sports, telecom, water, agriculture etc. An Open Source GIS Web Portal was released. Spatial Data infrastructure was transformed for public domain GIS services.

Under services to Department of Posts, NIC has set up their data centre & disaster recovery centre, established the DOP WAN and connected all Chief Post Master Generals through VC. Software support has been provided to digitise the PLI workflow, extending iMO and ePost services, electronic transfer of monthly CPI-R data, implementation of Pension and PACS, etc.

Under e-Governance Solution for Limited Liability Partnership (LLP) Act, a comprehensive workflow based system has been deployed where all the 25 forms relating to formation & registration of LLP are made available for entry using digital signatures.

Development and hosting of interactive web portal for monitoring the training of probables for Common Wealth games 2010. Application for acceptance of online applications for AIEEE 2010 and AIPMT 2010 along with online payment gateway has been designed and launched successfully. Web based Counseling application for Central and State Boards for admission to professional courses has been developed and operated upon.

Integrated Pay & Accounts software implemented in Himachal Pradesh covering about 1.75 lakhs employees of state government. Cashless transaction system implemented in eight major Treasuries, having Jammu & Kashmir Bank as payment gateway. The Panchatantra software has been developed for the activities of Grama Panchayathas of Karnataka and is implemented in 200 GPs so far. Ration card management system implemented across Kerala state and central database of all the ration card holders has been created. Implemented work-flow based Education portal for Rajya Shiksha Kendra which is an online database of 1,10,000 schools and more than 3.5 lakh employees of Madhya Pradesh.

NIC's Open technology Centre continued to promote the Open Technologies and provide solutions to various programmes. Support was given for Land Records, CIPA and Transport e-governance Projects. Migration from ORACLE to Open Source RDMS for EPFO Project was carried out. OTC developed expertise in XRX technology and developed an application for Commercial Taxes Department Tamil Nadu Government.

Awards

A number of NIC Projects at State & District Level have been given awards for their contribution to e-governance.

Palakkad District has won the state E-Governance Award from Government of Kerala for the best Digital File flow System. The SAND project of Thrissur District, has won the first place in the citizen service online /e-filing category in Kerala State governance awards 2009. Kannur District of Kerala got the special award under district category in the CSI e-Governance award 2008-09.

Computerization of Public Distribution System in Chattisgarh received National e-Governance Award 2009 (GOLD). Computerization of Paddy Procurement and PDS was recognized as Overall Best IT Implementation 2009 by PCQUEST.

CPIS-Manipur received Prime Minister's Award in the year 2009.

GepNIC has bagged G2B Initiative of the year 2009 – e-India Award, India-Tech Excellence Award - 2009 for the Orissa Implementation and also reviewed by World Bank and Asian Development Bank.

e-Lekha was declared the winner of the Silver Award for the National Awards for e-governance 2008-09 in the category "Exemplary Horizontal Transfer of ICT based Best Practice".

AGMARKNET was identified as one of the select programmes of 'Innovations in Administration' by the Department of Administrative Reforms and Public Grievances (DAPRG).

E-Gram project, Rajasthan has received the Manthan Award under e-Governance category.

Education portal of Madhya Pradesh won e-governance award of the State Govt., CSI e-Nihilent and Manthan awards for the year 2009. GeoAmper-Geomatics-based Application Model for Planning Electricity distribution to Rural Entities won GoMP state e-Governance Award.

Indian Patent and Trade Marks automation project has been awarded Silver Medal for National e-Governance Award in 2008-09 under the category- Trade & Industry

e-Governance Award was given to Karnataka under the category 'Exemplary Usage of ICT by PSUs' for the year 2008-2009.

Two National e-Governance Awards won for e-Gazette and Police Portal of Himachal Pradesh.

CSI E-Governance Award for Jalgaon district.

Bihar State Centre was given Prime Minister Award for Excellence in Public Administration.

SUBIDHA Project has been nominated by Govt of Orissa for Municipal IT India 2009 Award and Web Ratna Awards 2009.

Budget estimation allocation and monitoring system (BEAMS), has been awarded with the 'Rajiv Gandhi Prashaskiya Gatimanata Abhiyan' of Maharashtra for the year 2008-2009 and was short listed for national e-governance award for 2008-2009.