

HIMACHAL PRADESH- Setting New Paradigms in ICT

Proclaimed by ancient Indian texts as Devbhumi - "Land of the Gods" - the beautiful, far-flung Himachal Pradesh has an almost palpable presence of divinity and is famous for its abundant natural beauty. Himachal Pradesh has a rich culture which is very much apparent in the day to day lives of its citizens. It is their warm and friendly nature that will draw you towards them.



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The economy of Himachal Pradesh is currently the third fastest growing economy in India. Himachal Pradesh has been ranked fourth in the list of highest per capita incomes of Indian states. The abundance of perennial rivers enables Himachal to sell hydroelectricity to other states such as Delhi, Punjab and Rajasthan. The economy of the state is highly dependent on three sources: hydroelectric power, tourism and agriculture. The state has been using Information Technology in a



AJAY MITTAL IAS
Additional Chief Secretary (Transport)

NIC State Centre has developed a number of s/w for the Transport department upto field level, in improving the systems of service delivery to citizens. The creation of electronic databases in the form of National Registers is going to benefit the Department of Transport a lot in increasing revenue collection and monitoring activities.

big way for monitoring the development aspects.

MANAV SAMPADA

Manav Sampda initiative, is a complete Human Resource Management solution for the state government, which has been implemented in 146 departments and organisations covering nearly 2.36 lakh employees. It generates and preserves the service book of all employees in electronic form. The s/w is integrated with 17 major e-Governance applications for single user ID/password.

KANOON VYAVASTHA

The basic data of CIPA (Common Integrated Police Application), implemented at 100% Police stations in Himachal Pradesh, forms the core of the Kanoon Vyavastha s/w. This data from all Police stations is transferred to a central server and is integrated with other crime & criminal control activities in seamless manner to provide a web-enabled decision support system for HP Police officers at all levels (PHQ, Vigilance, CID, Traffic Control, Districts/Sub-divisional offices, Police stations) through a graphical dashboard.

LAND RECORDS COMPUTERISATION (HIMBHOO MI, HIMRIS)

The computerisation of land records in Himachal Pradesh has been a massive exercise over the last 20 years. Started as true replica of existing Record of Rights (RoR), it got integrated with the registration process and thereafter, a



Dr. Saurabh Gupta, SIO Himachal Pradesh and NIC HP Team receiving the Skoch Digital Inclusion 2012 Award for Kanoon Vyavastha web portal

number of process changes (reforms) have been effected in the recent years. During the process of computerization, the Revenue Department in consultation with NIC has carried out many amendments to simplify and provide value additions to the RoR entries like removing internal fractions (dar-var) while specifying shares owned by co-sharers, in case of Shajra Nasb removing the constraint of maintaining record up to last 10 generations maximum etc. Now, the Citizen Service Operators have been notified by the government to issue certified copies of Record of Rights (Jamabandi) and family tree (Shajra Nasb) of any tehsil in the state.

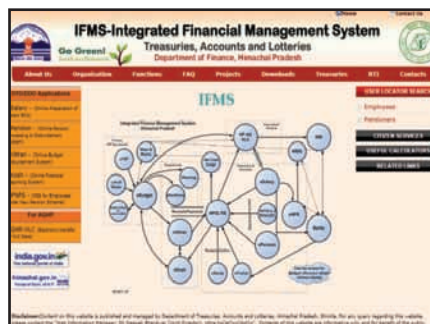


INTEGRATED FINANCE MANAGEMENT SYSTEM

The NIC HP has developed s/w for all functions of the State Finance Department, including budget preparation, its online distribution by HODs to DDOs; preparation of various bills related to GPF, TA, medical;

centralized salary and pension preparation; New Pension scheme; submission of accounts to HP AG office in online mode.

The Online Treasury Information System (OLTIS) module is running in all 100 treasuries/ sub-treasuries of the state and is the core s/w for IFMS (e-Kosh). The budget (e-Budget) is prepared through NIC s/w and distributed electronically (e-Vitran) by respective heads of departments to their Drawing & Disbursing officers distributed all over the state. The preparation of bills related to salary and pension is done through the web-enabled e-Salary and e-Pension s/w. The payments are made through the Electronic Clearance System of various banks directly into the accounts of the employees/ pensioners. The bills related to Medical, TA and GPF are made in online mode directly in the treasuries by DDOs. The payments to contractor for Works department are made through NEFT. The processed accounts are submitted to the HP Accountant General office through a web-enabled account created for this purpose. The New Pension Scheme s/w has also been developed for keeping online accounts of the NPS holders and for online transfer of funds to the NSDL. A number of other s/w have been developed for different functions and are in the process of being integrated into a single web-enabled IFMS for managing the finances of the state government.



Ms MEERA MOHANTY IAS
Deputy Commissioner, Solan

The NIC in our district and the entire state has been doing a very good job and I am really thankful to them for excellent technical support and all the e-Governance initiatives that they have taken under land records, certificates issuance, registration, treasuries, elections etc.

WELFARE PENSIONS

e-Kalyan s/w for welfare pension schemes has been in operation for the last many years covering 2.7 lakh pensioners who are being provided pension under four state level (old age, leper, widow, handicapped) and three national level schemes (IGNOAPS, IGNWPS, IGNDPS). The pension disbursement mode is money orders, post office saving account and bank accounts. In Una district, pension is disbursed to 100% pensioners through bank accounts.

e-LOKPARMAN

The s/w for issuance of 14 types of certificates related to caste, income, bonafide, agriculturist, has been implemented in all locations of the state and copies of these certificates can also be obtained through Citizen Service Centres (LokMitra) at Panchayat level by the citizens on payment of a nominal fee.

e-PROCUREMENT

The e-Procurement s/w has been implemented in 7 departments and 1545

tenders amounting to 1669.65 crores have been floated through it. Another 14 departments have started the process to adopt e-Procurement s/w for all their purchases.

EMPLOYMENT JOB PORTAL

The Employment Job Portal application has been developed for the online registration of un-employed persons, private employers, submission of vacancy information, searching and sponsoring of candidates, issuance of letters to candidates, entry of interview and joining status of selected candidates etc. The Job portal assists the unemployed youth of the state, along with the private sector employers who are looking for quality manpower for recruitment in their newly established industries in the state.

ONLINE HOTELS RESERVATION SYSTEM SOFTWARE

The software, developed for 64 hotels of the HP Tourism Development



Citizens availing various online services at Sugam Centre, Shimla

Corporation, has been in operation for more than ten years now, with regular upgradation as per Industry standards over the years. More than 30 crores of advance bookings have been done through the s/w. The s/w model has been replicated in Haryana and Meghalaya states and under implementation for the Youth Hostel Organisation of the country.

e-GAZETTE

The e-Gazette, digital Raj Patra, is the



The DIO & DIA in front of District Centre, Keylong (Lahaul & Spiti), after heavy snowfall in February 2013

first online gazette of the country, which is published online. The decentralized contributions from different stakeholders are accepted in online mode only for publishing the State Gazette on daily basis. The citizens and government can access it in searchable format. The gazette is digitally signed and available in PDF/A (ISO 19005 standard) for long term archiving purposes.

CITIZEN SERVICE CENTRES (SUGAM & LOKMITRA KENDRAS)

NIC has developed interfaces for providing citizen services under a single roof at district/ tehsil and Panchayat level. Known by the names of Sugam and LokMitra, these centres are providing services like Record of Rights, certificates, licenses, registrations etc to citizens on payment of nominal service charges.

WEB SERVICES

The NIC State Centre has developed more than 85 websites, which are hosted on NIC web-servers either at IDC, New Delhi or locally at Mini Data Centre at NIC Shimla. To conform to e-Governance standards, all documents hosted on these websites are PDF/A

compliant. Presently, work is underway to convert all websites comply to the GIGW and WCAG 2.0 guidelines. The website registration under NIC and .Gov.in, website hosting, website/ application auditing, remote publishing using VPN, VPN connectivity etc are provided to the state users. The examination results of educational and other institutes are published regularly on the results portal at <http://hpresults.nic.in>.

e-COURTS MMP FOR COMPUTERISATION OF DISTRICT AND TALUKA COURTS

Himachal Pradesh is one of the top three best performing High Courts of the country in the implementation of the e-Courts MMP for computerisation of District and Taluka Courts. So far, 100 District/Taluka Courts located at 38 court complexes have been fully covered under the project and data entry of all pending cases at these courts has also been completed. The pilot-District court of Mandi has been mapped with the National Judicial Data Grid for online data transfer. Presently, the emphasis is on making the Judicial Service Centres functional to better serve the litigants, lawyers and citizens.

NICNET/ VIDEO CONFERENCING/ INTERNET/DATA CENTRE

The NIC network provides connectivity to HP Secretariat, 12 District Headquarters, HP High Court, 4 Tribal Sub-divisions, HP AG Office, CPWD, CGO Complex with about 3000 clients. There is 10 Gbps connectivity to state centre, with 1 Gbps/ 100 Mbps connectivity to districts. The Mini Data Centre is being used to store data of all major e-Governance initiatives of Finance, Land Records, Employment, Welfare departments. All 14 NKN Institutes in the state have been provided connectivity.

A total of 20 VC studios have been set up in the state, covering the 12 districts and 4 tribal sub-divisions. In the two districts head-quarters of Lahaul & Spiti and Kinnaur, and 4 tribal sub-divisions of Kaza, Pangi, Bharmour and Pooh, the NICNET connectivity is the only means of communication with these locations. During the current year, has been heavy snowfall, completely cutting off all other means of communication. The 6 DAMA VSATs are used for Internet/ Email/ VC purposes. The snow is manually removed from VSAT dishes every morning during winter months, even on holidays, as the two districts have been declared as disaster affected districts and communication through NIC VSATs keep the districts in touch with the state capital and other places.

OTHER e-GOVERNANCE PROJECTS

1. Schemes MIS
2. e-Samiksha-Tribal Works Monitoring
3. e-Samadhan-Grievance Redressal System
4. Examination Processing System
5. House Allotment MIS
6. Double Entry Accounting System
7. REFNIC/ CM-REFNIC References

Monitoring System

8. Transport Barriers MIS
9. Gates Pass Issuance System
10. Road Permits System
11. Shastra-Arms Licensing MIS
12. Works MIS
13. Vehicle Expenditure Monitoring System
14. Telephone Directory
15. State Information Commission-RTI MIS

NATIONAL LEVEL PROJECTS

1. NADRS
2. NeGP-A (Pilot State)
3. Vahan-Vehicle Registration
4. Saarthi-Driving License Issuance
5. MNREGS
6. e-PRI (PriaSoft, PRI Profiler, LGD, Action Soft)
7. AGMARKNET

8. e-PDS

9. National Portal of India
10. Missing Child Tracking System
11. e-Mamta
12. Wakf Board Computerisation

ACCOLADES

A number of NIC Himachal Pradesh projects have been awarded at different forums over the years –

- 9 National e-Governance Awards
- 3 Web Ratna Awards
- 1 Stockholm Challenge Diploma
- 1 CSI-eNihilent Award
- 1 Skoch Digital Inclusion Award

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