

Informatics

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AROUND THE NIC WORLD

DISNIC WORKSHOP

Thiruvanthapuram: A DISNIC Workshop was recently organized at the National Informatics Centre, Kasargod District Unit, Thiruvanthapuram.

The Workshop was inaugurated by the District Collector, Mr Satyajit Rajan, IAS.

The District Collector in his inaugural address, stressed the need to have twenty four hours service through NICNET for the transmission of data, messages, classified mails and also the correspondence between the District Administration and the State Secretariat. He also suggested to have a computerized network based Public Grievances Redressal System in Kerala so as to minimize the delays as well as potential hardships faced by the general public. All this would enable speedy clearance of files and office procedures.

DISTRICT COURT COMPUTER CENTRE INAUGURATED

Darjeeling: The Darjeeling District Court Computer Centre was recently inaugurated by the Honourable District Judge, Shri S K Maity. On the occasion the District Judge exchanged messages over NICNET with the Chief Justice of India.

Judicial Information was accessed through the Judgement Information System (JUDIS) Package and the same was displayed to all, through the monitor.

The District Magistrate, Additional District Magistrates, Superintendent of Police, Additional District Judges and other senior District Officials were present on the occasion.



The District Court Computer Centre being inaugurated

COMPUTERS IN EDUCATION

Lakshadweep: The Lakshadweep District Rural Development Agency has identified NIC Lakshadweep Centre

as the nodal agency for the implementation of " Computers in Education " Programme under the MP's Local Area Development Scheme.

The Project will require NIC to supply multimedia computer systems, software and training to the respective staff of all High Schools of Lakshadweep.

Multimedia systems will be used as an educational tool for giving the students an exposure to computers.

EXPORT/IMPORT POLICY ON NICNET/INTERNET

New Delhi:On March 31, 1997, Indias new Export/Import (EXIM) Policy 1997-2002 was released on the World Wide Web (WWW), (URL: <http://www.nic.in/eximpol>) by the Hon'ble Minister of Commerce, Dr BB Ramaiah.

A floppy containing EXIM Policy 1997-2002 along with the Hand Book of Procedures and Input-Output Norms was also presented by Dr N Seshagiri, Special Secretary, Planning Commission and Director General NIC, to the Commerce Minister for formal release.

The new EXIM Policy on NICNET/Internet would be regularly updated with the public notices issued by the Directorate General of Foreign Trade (DGFT). The floppy containing the EXIM Policy; the Handbook of Procedures and Input-Output Norms, in the form of text files can be loaded on a computer system and queried using its search engine for the relevant item.

During the Press Conference after the release, the Commerce Minister emphasised on the time bound modernization of all the 32 offices of DGFT by NIC during the year 1997. This would facilitate computer based on-line processing of all applications, filing of application through NICNET and introduction of Electronic Data Interchange in the DGFT offices.

WORKSHOP ON IT IN PUBLIC ADMINISTRATION

Tripura: The Tripura State Unit of the National Informatics Centre has recently organized a one-day Workshop on "Information Technology in Public Administration" at NIC State Unit, Agartala.

The Workshop was attended by Senior Government Officials of both the State and Central Government Departments.

The Minister-in-charge, Science and Technology, Shri Jiten Chowdhury in his address expressed satisfaction over the kind of infrastructure NIC has created in the State and the type of services it has been rendering to the State . He also expressed the need of putting these facilities to optimum utilization for the benefit of the people of the State. He also reiterated the commitments of the Government for any application of these modern tools

vis-a-vis the IT, so that either the public at large is directly benefited or the administration is streamlined for better implementation and monitoring of Programmes of the Government. Dr N Vijayaditya, Deputy Director General, NIC, in his keynote address explained how the Internet has revolutionized the entire World including India. The Informatics and the Informatics culture are totally different today, than what they used to be a decade or so earlier. He also explained how NIC is continuously upgrading its technology and the network NICNET, so as to provide Internet services to NICNET Users. He once again reaffirmed NIC's commitment to meet all Informatics related needs of the State and Central Government Departments.

DISTINCTION OF BEING THE FIRST

Guna: Guna got the distinction of being the first District in the State of Madhya Pradesh, to establish a District Court Computer Centre. The Centre was recently inaugurated by the District and Session Judge, Guna, Shri Sohan Lal Jain.

On the occasion the Honourable Judge expressed his gratitude to NIC and hoped that the establishment of the Computer Centre would help to streamline/simplify the functioning of the District Courts thereby bringing in the desired efficiency and effectiveness.

COMPUTERIZATION IN LAKSHADWEEP IN FULL-SWING

Lakshadweep: The NIC Lakshadweep Union Territory Centre has undertaken a computerization drive in the scenic islands of Lakshadweep.

In the recent past the NIC Lakshadweep Union Territory Centre has undertaken a number of computerization jobs, developed and implemented computerized systems for a number of important activities.

The Lakshadweep Union Territory Centre has computerized the Ticketing activities of four more ports in Lakshadweep. The ports are in the islands of Andrott, Kalpeni, Amini and Agatti. With this eight out of eleven ports controlled by Lakshadweep administration has computerized ship/ferry booking system. The Software developed not only enables the quick booking of tickets and preparation of passenger list but can also be used for monitoring the movement of passengers between ports.

The Union Territory Centre has implemented the Computerized "Permits Holders System" in the office of the Sub-divisional Officers in all the islands. The Software is being used for the issue of entry permits to the islands (declared as a restricted area. The Software also enables the Revenue Administration to monitor the movement of each and every permit holder in the islands.

A Software Package has been developed for the generation of all types of bills such as contingent bills, short & long term advances etc , that are required by any Government Office. The Software has been implemented in and around ten offices at Kavaratti.

The Unit has extended its support to the Principal Pay and Accounts Office, Lakshadweep for clearing the accounts compilation work. A Software Package has been developed exclusively for the purpose. With the help of the Software pending accounts for eight months was cleared in just one months time. Seeing the utility and efficiency of the Software it has ben decided to implement it in other offices also.

NIC CENTRE INAUGURATED

Bhubaneshwar: The Chief Secretary, Shri R K Bhujabal, Government of Orissa , recently inaugurated the NIC Orissa State Secretariat Centre inside the Orissa State Secretariat premises at Bhubaneshwar.

Besides providing consult- ancy, data entry and software development jobs; the Centre will organize regular training programmes for the employees of the State Government at different levels.

COMPUTERIZED TELECOM RENT AND ACCOUNTS

Panaji: The National Informatics Centre, Goa State Unit has successfully computerized the Telecom Rent and Accounts Section of the Department of Tele- communication, Panaji- Goa.

The Computerized System takes care of the following functions of the Telecom Rents and Accounts Section:

- Generation of Trunk Call and Telephone Bills.
 - Generation of Public Call Office (PCO) Bills.
 - Posting of bills paid and other demand notes.
 - Generation of bills, register and sub-ledger.
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Cover Story

The External Assistance Monitoring System A Network Computing Application

- INTRODUCTION
 - BACKGROUND
 - THE SOFTWARE MODULES
 - THE SALIENT FEATURES
 - IMPLEMENTATION
 - CONCLUSION
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INTRODUCTION

A Network Computing Application INTRODUCTION he External Assistance Monitoring Information System (EAMIS) has been developed with a view to closely monitor the Externally Aided Projects. The design of EAMIS is based on the concept of network-centric computing, which exploits the potential of powerful application servers and high-speed networks, with low cost end User devices that support a rich Graphic User Interface (GUI) environment and are able to query over a network.

BACKGROUND

The Government of India is one of the major recipients of assistance provided by the Asian Development Bank (ADB), the World Bank and other bilateral and multilateral agencies. This assistance plays a very important role in the development of various sectors such as Agriculture; Power; Health; Education etc. These Projects are spread all over the Country and contribute significantly to the Nation's

progress.

The large volume of existing aid commitments and low disbursement ratios are matters of serious concern shared by the Government of India (GOI) with the donor agencies. Besides initiating other steps to resolve the problem, the GOI felt a need for a Computer-based Information System (CBIS) which would enable a closer monitoring of approvals, sanctions, disbursement and utilization of foreign aid from different sponsoring agencies.

As a result EAMIS came into existence. The Software envisages a closer monitoring of Externally Aided Projects to improve the disbursement ratio.

The Computerized Rural Information Systems Project (CRISP) Group was entrusted with the responsibility to design and develop the Software based on Client/Server architecture with distributed servers over WAN.

External Assistance Monitoring Information System (EAMIS)

Client - Department of Economic Affairs (DEA), Ministry of Finance, Government of India
Users - Project Monitoring Units (PMUs) of State, Centre, DEA, Controller of Aid, Account & Audit (CAA&A) and Donor.
Funded by - Asian Development Bank and World Bank
Consultant to Sponsoring Agency - Kampsax International, A/S Jakarta, Indonesia
System Design, Document & Software Development - Regional Computer Centre Calcutta & National Informatics Centre, New Delhi

THE SOFTWARE MODULES

The EAMIS consists of seven modules viz:

1. Proposal Monitoring System (PMS): The PMS module begins with the receipt of Project proposals from implementing agencies and ends with the identification of the donor followed by posting the proposals to the donor. The main Users of this module are Credit Division of Department of Economic Affairs (DEA); the State and Central Line Ministries (CLMs).
2. Statutory Approval Monitoring System (SAMS): The SAMS traces the various approvals required for the proposal and the status thereof. The main User of this module is CLM.
3. Pre-Loan Monitoring System (PLMS): The PLMS captures the various steps of the donor appraisal

process and ends in signing the loan agreement. This module is also mainly used by the Credit Division of DEA.

4. Planning and Budget Formulation Monitoring System (PBFMS): The PBFMS deals with planning and budget formulation activities at the Centre and State level. The Users of this module include the CLMs, State Project Monitoring Units (PMUs) and the DEA Project Monitoring Unit as well.

5. Package Bid Monitoring System (PBMS): The PBMS monitors the activities leading to the award of contract, such as investigations, design, tender opening and closing etc, which are also known as milestones. State PMUs and CLMs are the main Users of this module.

6. Disbursement Monitoring System (DMS): The DMS commences with the details of the claims filed by the implementing authority and ends with the reimbursement of the claims. The main Users of this module are the Controller of Aid, Account & Audit (CAA&A), CLM, PMU and the State PMUs.

7. Implementation Monitoring System (IMS): The IMS captures the details of the physical progress and expenditure incurred by the project. This module is mainly used by the State PMUs and the CLMs.

These modules cover the various stages of life cycle of Externally Aided Projects, from proposal formulation to project implementation. EAMIS consists of 35 data entry forms, 25 processes and 56 output reports

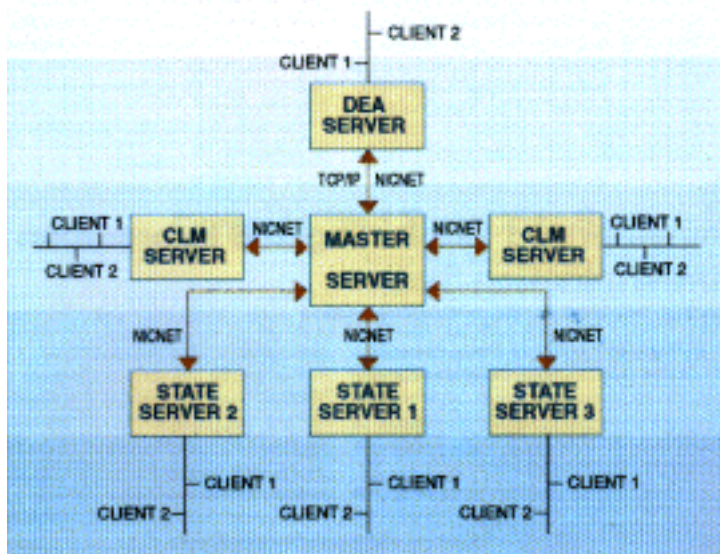
THE SALIENT FEATURES

Client/Server Architecture:

EAMIS has a strong Graphic User Interface (GUI) and is based on Client/Server design to be implemented over LAN (within site) environment and is one of its own kind.

The System runtime support is provided by UNIXWARE 2.1/Oracle 7.1 at server and WINDOWS 3.1/ Developer 2000.

EAMIS CLIENT/SERVER NETWORK ARCHITECTURE



Distributed Organization on WAN:

The design is based on Client/Server architecture within a 'site' and bears a few characteristics of distributed database organization among the sites over NICNET info highway.

EAMIS has the ability to automatically transmit the data to remote server over Wide Area Network (WAN) using NICNET. Hence routing and transmission of EAMIS information is not transparent to the User.

Local operations are independent of transmission methodology. The operations could be carried out even if network link is down or remote server is not responding. This maintains complete site autonomy.

The transmission is initiated by a background process at fixed interval of time, enabling data insertion, modification and deletion to be performed at remote site.

Graphic User Interface:

EAMIS has a strong GUI. The Software is highly interactive and it not only alerts the User with proper error messages in case of any logical error but also provides directions for correct entry of the data. Clickable buttons have been provided to perform common commands such as saving the data; executing query; deleting unwanted data etc. The Software not only enables smooth navigation between various modules but also performs simple arithmetic calculations whenever required. The design and documentation confirm to IEEE Standards.

Data Security/Deletion:

EAMIS provides complete security of data, on site as well as in network environment by defining

Access Rights for State, CLM and DEA Users, thus preventing an unauthorized entry. One can input or update an information only if one has the privilege to do so, otherwise the data is available to the User only in display mode. The Software makes sure that the data pertaining to one State or CLM is not available to some other State or CLM. However, although the DEA can view the data pertaining to any of the States/CLMs, but can input or update only those fields for which it has the access to do so.

The process of deletion of data could be initiated by the concerned site and has to be agreed by other participating sites. In case of mutual consent, the process of deletion is performed and controlled by Master Server at all the sites.

Auditing/Backup/Recovery:

Site-specific auditing of all User activities are carried out upto the record level. Also, auditing can be enabled/disabled as per the User requirements.

In order to maintain the data consistency among all the sites in the network, the Master Server acts as the back-up server for carrying out the back-up/recovery at any site. In case of crash/failure, site specific EAMIS database could be downloaded from Master Server over WAN through Recovery option.

IMPLEMENTATION

In pilot phases, it is proposed to implement the Project in nine States and five CLM and DEA respectively. The Software Package has been successfully tested by Users from Jaipur, Calcutta and Hyderabad using NICNET Ku-band facility from respective NIC State Units. The demonstration of the Package was organised by CRISP Group with the help of respective NIC State Officials, for the Officials from Department of Economic Affairs; GOI; State Finance Directorate; National Institute of Finance Management (NIFM); Asian Development Bank (ADB) and other concerned agencies.

CONCLUSION

EAMIS architecture is generic in nature and could be made suitable to similar setup to improve information availability to strengthen the planning and monitoring of various schemes.

Mr. Aubrey G Newman, Project Consultant, Kampsax International A/S, Indonesia states " RCC/NIC has produced an excellent Software Package ie EAMIS. Once this is introduced and used by the various agencies utilizing External Assistance, the GOI will become more aware of the delays which

may be occurring in implementing Projects and will therefore have a better understanding of what management interventions are necessary. In this way the EAMIS will contribute to the capability of the GOI in increasing the disbursement ratio and hence in enhancing the effective use of External Assistance".

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- Haryana Finance Department Computerized
 - Computerized Results
 - Computerized Treasuries System for Rajathan
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Haryana Finance Department Computerized

The NIC Haryana State Unit has played an important role in the introduction of computerization in the Finance Department. To start with, the Non-plan budget for 1990-91 was computerized by NIC Haryana. The successful computerization of the Non-plan budget laid down the foundation for further automation in the Finance Department. A separate Computer Cell was set up by the Finance Department in 1993 and it was formally handed over to NIC for smooth functioning of existing projects and development of new ones. Some of the areas computerized successfully are:

State Annual Budget: The State Annual Budget was completely computerized by the Haryana State Centre. Three main documents of the Budget are- Demands for Grants with detailed estimates of expenditure (Non-plan); Detailed Estimates of Plan Schemes (Plan); Detailed estimates of Revenue and Receipts (Receipts). In addition, other related documents such as Schedule of New Expenditure (two volumes); Memorandum Explanatory on the Budget; Plan Schemes Memorandum; Budget at a Glance and Budget Speech by the State Finance Minister were also computerized. The computerization of the Annual Budget involving very tight schedule with millions of calculations, last minute changes, documentation in a very short time, analysis of time bound assembly questions and monitoring throughout the Financial year, has helped in solving most of the aforementioned constraints and has not only made the task easier but also time saving.

Ways and Means: The daily position of Ways and Means of the State Government has been computerized. The objective of the Computerized System is to create a time series database for analysis, to report on overdraft of Haryana, to have a comparative study of closing balance, opening balance and overdraft in order to know the position of ways and means of the State on a particular date and for a certain period.

Loans and Advances: The house building advance, moped, scooter and car loan are sanctioned by the

Finance Department to employees of the State Government. The vital information on these advances has been computerized. The objective of the System is to reduce the pendency of cases by locating the case, to keep the record of all the cases, to have a clear-cut idea of the number of cases in a department etc.

Other Applications: A number of other applications related to the Finance Department have also been computerized. These applications include- Letter of Credit (LOC) Monitoring System; Plan schemes Monitoring; Forecast of Revenue and Expenditure for Annual Plan; Pay Scale and Posts Analysis; Daily Finance Department Cases Monitoring; Personnel Information of Finance Department Employees and Daily Treasuries transactions from Districts.

In addition, a number of important documents such as all instructions on Economy in Expenditure, Pension and GPF rules; Finance Commission at a Glance; Excess of Demands over Grants and Appropriation have been computerized. Different tables, reports and many one time jobs are also computerized.

Computerized Results

The NIC Goa State unit has been actively involved in the processing of results for the Senior Secondary School Examination and Higher Secondary School Examination conducted by the Goa Board of Secondary and Higher Secondary Education, for the last two years. The major functions of the result processing System are as follows:

- The System maintains all the details in respect of each student as given in the Examination Application Form.
 - The System automatically generates seat number of the students
 - The System cross checks question-wise marks against total marks of each subject and produces a verification report for necessary action.
 - The System generates School-wise and Centre-wise result sheets.
 - The System, while finalizing the results takes care of condolence, grace marks and joint moderation.
 - The System also produces other miscellaneous reports such as, School performance report (which includes average marks obtained by the students and pass percentage of the school) and reports on subject-wise performance of the schools etc.
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Computerized Treasuries System for Rajasthan

The Government of Rajasthan has embarked upon the modernization of the State Treasuries. In this regard it has sought the help of NIC Rajasthan State/District Unit(s). The Project started with an

objective of computerizing the functioning and processing of the Treasuries in 1996. A strict time bound target was set to implement this Project in all the Districts of the State in a phased manner.

The Software developed provides for all reports prepared in the compilation section and captures the data for every voucher and challan. User-friendly querying facilities have been developed to retrieve the data on all items of input.

Daily transfer of bank-wise and branch-wise receipts and payments is collected on NICNET by the Finance Department, in order to monitor the day-to-day position of funds. This enables prediction of the financial position in the State. The computerization work is being done in close co-ordination of the NIC District Unit and District Treasury Office. The Software has been developed in Oracle on Unix platform.

The next phase of the Project will include Old Age/Welfare Pension System, Long Term Advances etc. NIC is also developing the Software for monitoring of future retirement cases at Treasury level in order to complement the Computerized System running at the Directorate of Pensions & Pension Welfare Department.

- Child Labour Survey'97
 - Office Procedure Automation Software
 - Water Billing System
 - Mantralaya gets Computerized Monitoring and Information Dissemination System
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Child Labour Survey'97

The Government of Madhya Pradesh has conducted Child Labour Survey during April 1997. For this purpose the National Informatics Centre Madhya Pradesh State Unit has rendered its services to the Madhya Pradesh Government.

The NIC State Unit developed a Software for reporting the Survey results by each of the Survey teams. It will enable entry of the Survey results and generation of various compiled reports. NICNET was used for transmission of the compiled data (including the list of child labourers) to the NIC Madhya Pradesh State Centre for further analysis and aggregation in order to generate several State level reports. The results included the number of child labourers working in hazardous/non-hazardous industries; total number of industries/work places (hazardous/non-hazardous) surveyed; the number of families found to be contributing towards the deployment of child labourers in the hazardous industries/workhouses etc.

The Survey data pertaining to both rural and urban area was compiled at NIC District Centres and the same was transmitted to the State Unit. The data was further analysed for the generation of various useful reports which include District-wise consolidated reports; District statistics on child labourers; analysis report giving sex-wise percentage of child labourers in hazardous /non-hazardous work places amongst others. The reports were then submitted to the State Government for further action. In all this the NICNET service provided by NIC State Unit, played a significant role in enabling the State Government to compile the Survey results accurately and in a specified period of time.

Office Procedure Automation Software

NIC has developed an Office Procedure Automation (OPA) Package to help monitor pendency of cases and assist in easy tracking of letters and files.

It is an integrated Package which gives administrative support right from diarising of receipts; updating its status; opening of new files; various movements of files; despatch of letters/files and finally record management. It is supported by a powerful query system which makes retrieval based on any parameter, easy.

The Package is designed to meet the requirements of Government Offices as defined in the Manual of Office Procedure of the Department of Administrative Reforms and Public Grievances (DARP). The salient features of the Software Package are as follows:

- u Easy tracking of receipt and files.
- u No effort or time required for report preparation.
- u Monitors pendency across the organization.
- u Record keeping made easy.
- u Support Hindi data entry and report generation.
- u Increases efficiency and productivity by timely availability of standard and uniform reports.
- u Helps in timely disposal of letters.
- u Summary reports for section/division/department level monitoring.
- u Enforces a uniform working procedure.
- u Easy to install, learn and use the System.

For any further information please contact: Civil Aviation Information Division National Informatics Centre, A-Block, CGO Complex, Lodhi Road, New Delhi-110003. Phone: 91-011-461038

Water Billing System

The National Informatics Centre Goa State Unit has successfully developed and implemented a Software Package called " Water Billing System" for the Department of Public Works, Government of Goa. The Software efficiently handles a database consisting of 80,000 records of consumer details from 102 zones and 8 sub-divisions. The Package also takes care of the proper accounting on the payments collected from the consumers.

Mantralaya gets Computerized Monitoring and Information Dissemination System

The NIC Madhya Pradesh State Unit, Bhopal has successfully designed and developed an appropriate Departmental Monitoring System for the office of the Chief Secretary.

The Computer-based System provides the departments with instantaneous information on the status of action taken on various important letters/references sent by the Governor, Chief Minister and Chief Secretary and certain high priority programmes and schemes; compliance of the Cabinet decisions and announcements made by the Chief minister.

The System consists of two modules. The first module facilitates instantaneous retrieval of the desired information while the second allows data updation by the authorized User.

The System has in-built flexibility to facilitate information retrieval pertaining to any department while the data updation by a department is restricted to its own programmes/scheme and letters, references pertaining to it.

Necessary training was imparted to the concerned officials.

NIC Angul: New yet Exemplary

Angul, a centrally located District in the State of Orissa came into existence on April 2, 1993. The District covers a geographical area of 6347 square kilometres and supports a population of about 9.61 lakhs. Angul has been further divided into four sub-divisions, five tehsils and eight blocks. It is although new but strategically most advanced District. It has gained importance because of the presence of large industrial units and highest return of revenue that it pays to the Government due to the vast coal mines located in its abode. Big industries such as National Thermal Company (NALCO); Mahanadi Coalfields Limited (MCL); National thermal Power Corporation (NTPC); Fertilizer Corporation of India (FCI); Mukund Iron & Steel etc are situated in the District.

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- THE ESTABLISHMENT
 - MAJOR PROJECTS
 - NICNET CONNECTIVITY
 - NIC AT BLOCK LEVEL
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THE ESTABLISHMENT

The National Informatics Centre Angul District Unit was inaugurated on January 1995 by the then Collector and District Magistrate.

The foremost responsibility of the District Centre was to create mass awareness of Informatics culture among the officials of District Administration and other District level Departments. In this regard a series of meetings and training programmes were conducted in the District. The effort soon bore fruits.

MAJOR PROJECTS

With a planned and organized approach, today within a short span of two years the Angul District Centre has already implemented about 20 Information Systems.

One of the major Project undertaken by the District Unit is the "Total Literacy Campaign (TLC) Monitoring System" developed for the Zila Sakhyarata Samiti (ZSS), Angul. The System was developed specifically to monitor the Block-wise literacy drive work in the District. The Software facilitates data entry, report generation in every fortnight for reviewing the progress made in every Block of the District. The Master Information System (MIS) report on TLC has information regarding the number of centres available for TLC Project; number of male, female (including SC/ST) identified and enrolled in the centres; regular people continuing their study; number of people completing 1st phase, 2nd phase and 3rd phase of education etc.

After the successful implementation of TLC Project, the Government of India sanctioned to undertake Post Literacy Campaign (PLC) for this District. Both the Projects have helped the ZSS to implement these schemes in a more organized and effective manner.

Another major Project which drew great applause from all quarters was the implementation of the DISNIC-PLAN Project. In this Project computerized analytical reports for sectors such as health, education, agriculture, industry, forest, social welfare, civil supply, transport and communication etc, are available in a comprehensive manner. This has proved to be highly beneficial and time saving for the aforementioned Sectors.

The Public Grievances Cell (PGCELL) Monitoring System has been developed by the NIC Angul District Centre, for the PGCELL of the Collectorates Office.

The District Centre has also developed the Arms License Monitoring System for the Judicial Department of the Collectorates. The System helps in generating reports on the type of arms such as rifle, revolver, pistol etc being issued to all the police stations in the District. This helps the concerned Department to easily monitor the issue of arms license in the District.

Angul has also been selected at National Level for Land Records Computerization work. The site preparation work for setting up of a new Land Records Computer Cell adjacent to the NIC District Unit is in full swing. The required Software called Bhulekh has already been installed. Staff from each tehsil has been trained for data entry and other related work in Oriya language. In this Software the final Khatiyani (Record of Rights or ROR) has been accepted by the Director of Land Records, State Government as the standard input form for data entry. The data in a Khatiyani consists of land holders details, plot details plot remarks details etc. Through the System computerized ROR can be generated and handed over to the person concerned. The records can be updated as and when required without any problem.

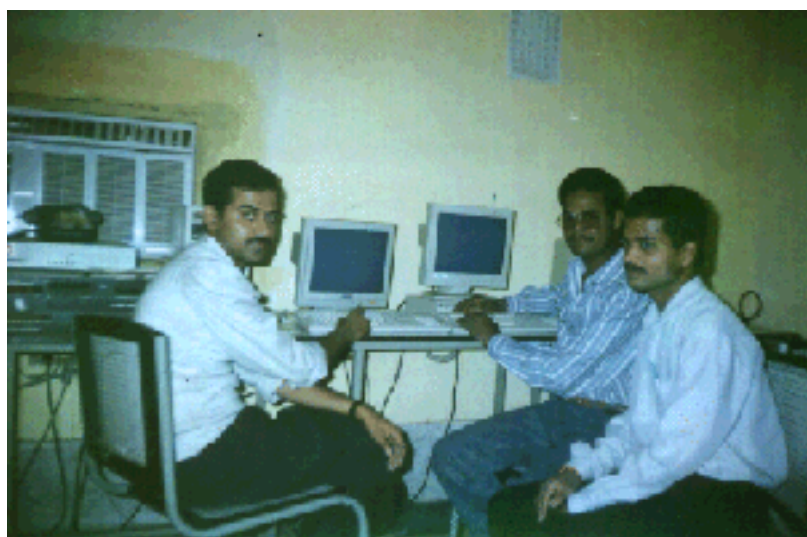
Besides these Projects a number of MIS such as Integrated Child Development Scheme (ICDS); Revenue Administration Information System; Small Savings Information System; Old Age Pension (OAP) and Old Disabled Pension (ODP) Monitoring System etc have been successfully developed and implemented by the Unit.

NICNET CONNECTIVITY

By providing NICNET connectivity to organizations such as National Tree Growers Co-operative Federation Limited (NTGCF); the Unit has already become one of the busiest Centres in the District. E-mail facility is also being provided from this Centre to various organization such as Fertilizers Co-operation of India (FCI) etc, located in the District.

NIC AT BLOCK LEVEL

Under a major step towards computerization, the Kaniha Block of Angul District has been chosen as one of the pilot Blocks for computerization. This marks the beginning of Block level expansion of NIC in the State. Site preparation work has already begun. The Block will also be hooked up to NICNET.



Implementation of MIS based Systems, NICNET connectivity to Public Sectors and Industries located in the District and Block level computerization etc has made the NIC District Centre Angul a nerve Centre of the District which serves the general public; academicians; administrators; policy makers all alike in a organized and planned manner.

The NIC Angul District Centre, Orissa

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