Informatics

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WORKSHOP FOR JUDGES

Haryana: A one-day workshop on "District Courts Computerization Project" for all the 32 districts and session judges under the High Court of Punjab and Haryana was organized by the National Informatics Centre, Haryana State Unit on October 6, 1996 at Chandigarh.

The judA demonstration of the computerized system for filing; registration and allocation of cases was also given. res of a package called DCIS (District Court Information System) were also explained.

The on-line access of JUDIS (Judgement Information System) over NICNET evoked great interest among all the participants.

IRRIGATION WORKS ANALYZED

Haryana: The Haryana Irrigation Department had taken up repair and maintenance type of works for different rivers, canals and drains during the year 1995. Some of the works were completed on time whereas some could not be completed. While these works were

carried out there were heavy floods in Haryana in 1995. The State Government decided to analyse all such works in order to assess the cause of 1995 floods. It is in this context they took the assistance of the National Informatics Centre, Haryana State Unit . Details of each work were entered into the computer and analytical reports based on combination of parameters were generated.

The master data comprises of work-wise information on location of work (water service unit, actual location etc); type of work (repair and maintenance,internal clearance, de-silting, de-weeding, jungle clearance, berm cutting, strengthening, checking erosion, renovation, rehabilitation, flood de-watering, construction of drains, construction of studs, ghats, bridges etc); running distances (RDs); estimate details (sanction number, sanction date, estimated amount); date of start; date of completion; percentage of work executed; actual expenditure incurred; liabilities; total cost etc.

Different statistical, summary and detailed reports based on above parameters were generated. These reports will form the basis for taking appropriate measures to minimize flood losses in the future. -

WORKSHOP-CUM-TRAINING PROGRAMME ON IT IN DECENTRALIZED PLANNING

Bhubaneshwar: A workshop-cum-training programme on "Applications of NICNET based Information Systems in Decentralized Planning" was held during October 7 to 18, 1996, at National Informatics Centre (East Region), Bhubaneshwar.

The programme was attended by senior officers from Eastern and North-eastern States. Participants were familiarized with different NICNET based information systems along with network services such as E-mail, Internet access etc. In addition to this a wide range of topics on Decentralized Planning in Rural Development with emphasis on Information Technology as applicable to various sectors of socio-economic development, were discussed.

As a part of the programme, a panel discussion, Chaired by Mr R K Mishra, IAS and former Chief Secretary was held on 17 October, 1996. The members of the panel were Mr AK Tripathy, IAS and Special Secretary Planning & Co-ordination Department from

Government of Orissa, Mr H P Das, Accountant General, Orissa, Mr S Sundra Rajan and Mr K Sreenivasan (retired IAS officers). The panel members emphasized the need for the NICNET based Information Systems in the planning process at grass root level.

The forum provided a interesting debate on the role of district administration headed by the District Collector viz-a-viz the elected representatives of the people such as the heads of panchayats, blocks and zila parishad during the decentralized plan formulation. -

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NIC AT "Agro-Tech' 96 "

New Delhi: The Indian Farmers Fertilizers Cooperation Ltd (IFFCO) in collaboration with the Ministry of Agriculture, had organized the " Agro-Tech' 96" Exhibition during December 18 to 28, 1996, at Gandhi Maidan, Patna.

NIC had participated in the event by putting up a joint stall with IFFCO. The following facilities were demonstrated during the exhibition:

- Multimedia Educational Softwares
- Complete Internet Access
- EDI for Electronic Agriculture commerce
- Bibliographic database

Farmers were provided with the latest information on Agriculture Science through live access on Internet.

The Multimedia and Internet facilities demonstrated at the stall were highly appreciated by a large number of agriculture scientists, research scholars and several farmers.

INFORMATION SYSTEM FOR MIDDAY MEAL PROGRAMME

Dhenkanal: Government of Orissa started Midday Meal Programme for students of primary schools up to class fourth. For effectively monitoring the distribution of rice, dal, oil etc to schools a computerized Information System was developed by the NIC, Dist District Unit, Dhenkanal.

According to the Programme, children of primary schools are supplied a midday meal on all working days. Per student rice is given at the rate of 80 grams, dal at the rate of 15 grams and oil at the rate of one gram for EAS (Employment Assurance Scheme) blocks which include the three districts-Dhenkanal, Odapada and Bhuban. And 100 grams rice, 15 grams dal and 1 gram oil for Non-EAS (Non-Employment Assurance Scheme) blocks which include the districts of Gondia, Hindol, Kamakhynanagar, Parjang and Kankadahad.

In order to monitor the distribution two databases are developed at NIC District Computer Centre. One for block entry and other for school entry. Block database contains block code, block name, block type. In school database, block code, village name, block type, school name, name of the headmaster, total number of students are stored.

The output reports generated are:

- Total requirement of rice, dal, oil of the district, block, school
- Updated report for excess amount of rice, dal, oil available
- Detailed list of schools with students strength and name of the headmaster
- Route wise report of transportation
- Delivery Chalan

The System helps the District Administration in many ways such as:

- For calculation of schoolwise, blockwise requirement of rice, dal and oil
- Helps in identifying the amount of rice, dal, oil and also the balance available
- Checks the change of students strengths every time and reports to Users
- Helps to generate correct report without any addition, modification and other error
- Predicts exact requirement of rice, dal, oil for the coming month after deducting available quantity of rice, dal, oil at schools .

COMPUTERIZED WELFARE PENSIONS DISBURSEMENT SYSTEM

Sirmour: One of the most important activity of the Social Welfare Department of the Himachal Pradesh State Government is the disbursement of welfare pensions in various categories of people such as old age, handicaps, widows and lepers. This is done with the help of District Welfare Officers posted in all the districts of the State. There are more than one lakh such beneficiaries in the State.

The requests from the eligible beneficiaries are received by the District Welfare Officers through the Tehsil Welfare Officers . As a fixed number of welfare pensions are available, therefore the waiting list is maintained in each category and a new beneficiary is included from the list when the existing beneficiary is not traceable or expires or gets married (in case of widows) or has an income more than two thousand.

The welfare pension is disbursed on a quarterly basis and sent to the beneficiaries through money orders only. The manual process involved is very tedious and time consuming.

The NIC District Centre Sirmour, Himachal Pradesh has developed a computerized Welfare Pensions Disbursement System for the District Welfare Office with an objective to overcome all the problems faced in the manual system.

The System maintains a database of all the beneficiaries both present and waiting, along with their addresses and other details. Every quarter the money orders to be sent are printed by computer. Subsequently, data pertaining to money order receipt, their acknowledgements, money orders returned etc is entered into the system. This helps the District Welfare Officer in monitoring the cases of returned, not received money orders etc. The waiting list is also automatically updated by the system. The accounting of money involved in the whole process has become very easy as well as error free.

The System has made the whole process very easy. Now the computerized system is being implemented in all the Districts of Himachal Pradesh in a phased manner. -

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WORKSHOP ON INTERNET

Gandhinagar: A two-day workshop on " Exposure meet on E-mail and Internet" was organized by the Gandhinagar District Unit of the National Informatics Centre on November 21 and 22, 1996 for the staff members of the District Collectors Office.
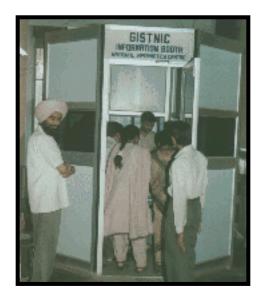
The staff was divided into two batches. The participants were given demonstration on Internet and E-mail facilities and were also trained on how to use these services. -

GISTNIC DEMONSTRATION

Chandigarh The National Informatics Centre, Chandigarh Union Territory Unit, has recently organized a public function on GISTNIC (General Information Service Terminal) demonstration in Central State Library.

The function was inaugurated by Mrs Anuradha Gupta, Home Secretary, Chandigarh Administration. A number of dignitaries, Chairman of Chandigarh Development Authority, librarians, university faculty and students attended the function.

Mr Sahib Singh, Vice President of Indian Library Association appreciated the services of GISTNIC booth at Central State Library.

GISTNIC Booth at Central State Library

Launching your Site on the World Wide Web

Information has been the soul of any technologically aware society since time immemorial. Over the years, people have dreamt of the concept of a universal information base which would be accessible to them all over the world. It was only in mid-seventies that technology caught up with these dreams and the answer emerged in the form of INTERNET

- INTERNET-THE COMMUNICATION MEDIUM OF TODAY
  - WORLD WIDE WEB
    - WEB SITE
    - WEB SERVER
    - WEB BROWSERS
    - WEB PROTOCOLS
  - WEB AUTHORING LANGUAGES
    - HTML AUTHORING TOOLS
  - LAUNCHING YOUR SITE ON THE WEB
    - WEB SERVER AT NIC
  - WEB SERVICES OFFERED BY NIC
  - WORLD WIDE WEB -- IN THE FUTURE
    - CONTACT ADDRESS

INTERNET-THE COMMUNICATION MEDIUM OF TODAY

Internet, one of the most amazing phenomenon in the history of mankind is creating silent revolution across the world by changing the way people work, conduct business, study, shop for products/services, spend their leisure time, hence affecting almost al all walks of life. Internet is the name given to the INTERnational NETwork of interlinked computers which use a standard protocol called TCP/IP (Transmission Control Protocol/Internet Protocol) for communication.

Internet was initially designed for government and educational research purposes. But, it gradually blossomed into one of the most important and widely used medium for commercial applications. This is primarily attributed to one of the fastest growing applications of Internet, namely the World Wide Web (WWW).

WORLD WIDE WEB

World Wide Web, which incorporates all other services of internet (e-mail, Telnet FTP, Gopher etc.) is basically a way to access information on the Internet in an easy to navigate form. With WWW, novice users can have tremendous power of accessing the wea wealth of information located on computers around the world. The Web is based on a concept of hypertext/hypermedia wherein the documents on the Web have embedded links to other documents, which may be lying locally or in any computer in the world.

Major strength of Web comes from its capability to support multimedia documents ie information on the Web could be stored in the form of text; graphics; audio; video; animation or a combination of any of these. Ever since its meagre and almost invisible announcement in 1992, the WWW has now become a major force in the way businesses communicate, sell and market their products.

WEB SITE

A Web site consists of one or more pages that relate to a specific topic or business/organization. A Web site can have hundreds of individual pages. The first page that people encounter when they visit a Web site through its address called URL (Uniform Re Resource Locator) is the Home Page. Thus the Home Page is a starting point for information about a specific subject or organization. Each page beneath the Home Page also has a unique URL.

WEB SERVER

A Web server is a computer with special software installed on it which enables Web browsers such as Netscape to access information from the World Wide Web. A Web server may host one or more than one Web sites. Apart from serving simple text documents, a W Web server is also capable of serving image files, audio/video clippings etc. Web servers can be run from variety of hardware and software

platforms. Advance features of Web Servers include , support for database access; fill-in-forms; highly interactive and dynamic applications.

WEB BROWSERS

Web Browsers are software programs that allow you to navigate and access information stored on Internet. Browsers take your instructions and convert them into information which can be sent to a remote site for execution. A variety of browsers exist today for WWW, such as Netscape Navigator, Internet Explorer,Mosaic etc.

WEB PROTOCOLS

Like all other Internet services Web also operates on a set of protocols that govern how requests and responses should be formatted and how the process of communication should proceed. The protocol that governs the communications between computers on the World Wide Web is called HTTP (Hyper Text Transfer Protocol) . HTTP relies on the URL to locate files on the Web.

WEB AUTHORING LANGUAGES

Web documents are primarily written in a Hyper text based language called HTML (Hyper text Markup Language). Besides providing a range of formatting commands (popularly known as tags), HTML allows any item such as text or graphics in a document to be hype hyperlinked to any other text document, image, audio or video clipping.

Simple Web pages can be easily developed using HTML. However to develop highly interactive, dynamic and on-line applications, one has to use Web programming languages such as JAVA; JAVA Script; Visual Basic Script; Perl; VRML etc.

HTML AUTHORING TOOLS

HTML documents could be authored in several ways:

- One can write it from the scratch using a simple text editor called Word Processor.
- One can use a HTML Authoring tool to generate HTML code. The tools are extremely user-friendly and are available on a variety of platforms.

Some of the popular authoring tools are Hot Metal; Hot Dog; HTML Assistant; Front Page etc. Some of the latest word processing and DTP sotwares are providing a facility of automatically converting the text into HTML form.

LAUNCHING YOUR SITE ON THE WEB

After the commercialization of Internet, a variety of new applications are implemented on it everyday - especially on the World Wide Web. Right from Corporate Houses, Institutions, Societies, Universities, Museums to even Government are making their presence on Web heavily. Organizations are using the Web primarily as an Information Resource; an Advertising Resource; a Selling Media or a Support Service Provider.

Any organization, while launching a Web site has to essentially consider the following aspects:

The organization has to define the purpose of launching a web site , kind of service to be provided (simple page, interactive form, searchable database etc) and also who are the perspective audience, so as to customize the design accordingly.

One has to decide about the Web server and browser specifications. As far as server is concerned one can either hire a space on any of the Web servers or set up their own server in-house based on the amount of information, frequency of updation, sensitivity of data etc. Browsers are available on variety of platforms and can be selected independent of the server configuration.

The next step is to design and develop the Web pages. For this too one has a choice of either doing in-house or taking help of organizations offering the services of Web page design and development. A Web page is essentially a compilation of various multimedia components developed individually and integrated using a suitable authoring tool. To ensure that the page captures the attention of the net surfer, alternative layouts, simple and error free sentences which communicate effectively and a good colour sense are pre-requisites.

After the page is developed it should be tested thoroughly on variety of browsers and also on different high speed and low speed connectivity before uploading on the Internet through a Web server.

Regular updation and maintenance of the web pages are some of the vital aspects to be kept in mind.

As there are million of pages on the net, getting visibility is important. Therefore, advertising the Web site is as important as setting it up. Web site could be advertised by registering it with popular search engines (eg. Yahoo, Lycos, Alta Vista etc); on-line directories/catalogues etc. These services are available free of cost at some places and have nominal charges at some other.

WEB SERVER AT NIC

The National Informatics Centre, has set up the state-of-the-art BASIS Web Server on its nation wide satellite based computer communication network, NICNET. In addition to the primary Web server (URL: http://www.nic.in) at NIC Headquarters, New Delhi Delhi, several Web servers are being positioned on NICNET Information Highway across the Country.

WEB SERVICES OFFERED BY NIC

Equipped with the latest state -of-the-art Multimedia work stations and chosen professionals in the field of conceptualization, visualization, graphic arts, script writing and computer professionals, NIC offers its services for Web page design and hosting for government and public sector organizations.

The entire gamut of web services provided by NIC include the following:

o Web page design & development

o Web page hosting

o Web page maintenance and updates

o Feedback through E-mail facility

o Registration with search engines/on-line directories, catalogues.

o Web database design and development

o Web programming language interface.

WORLD WIDE WEB -- IN THE FUTURE

The Web has virtually exploded in the last couple of years. And with thousands of individuals and organizations all over the world continuously adding their strands of information to the Web, it has a bright future ahead. Web is getting increasingly popular and there is no doubt that it will emerge as a major communication force in the times to come.

For any further information please contact :

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- **Computerized Legislative Assembly**
- **Commercial Taxes Department Computerized**

Computerized Legislative Assembly

The National Informatics Centre Bhubaneshwar District Unit has taken up the responsibility of computerizing the various activities of Orissa Legislative Assembly. For this purpose a number of software to facilitate the activities of various branches of Assembly such as Question Branch; Debate Branch; Bills; Press Clippings etc, have already been implemented.

The Members Biodata Software includes general, professional, educational, family, socio-economic and other related information. Various reports can be generated using this Software.

The council of Ministers Software helps in compiling details of Ministers since the year 1937. Details can be obtained name wise, Assembly term wise, portfolio wise, oath date wise etc.

For staff of Assembly Secretariat the Payroll Software was implemented. The Software enables generation of Paybill, Payslip, Acquaintance Roll and Provident Fund schedules.

Library is one of the major division of Assembly Secretariat and is highly benefited by the computerization drive. Library Information System based on Techlib Plus Package is commissioned . It handles acquisitions, cataloguing, searching and circulation activities for books and other materials. The package was tuned to suit to the local needs.

The Article Indexing Software was put into use for entry of articles. This Software indexes all articles by name, keywords, abstracts, notes etc in a very efficient manner. It has minimized the time taken in retrieving any journal.
The ongoing and future plan is to develop software for Salary Structure of Members; Decisions from the Chair etc. A total

The Orissa Legislative Assembly Computer Centre

computerization of the State Assembly is on the cards. Training has already been imparted to operational staff.

Commercial Taxes Department Computerized

The Commercial Taxes Department of Karnataka is an important department responsible for the collection of Commercial Taxes such as Karnataka Sales Tax (KST); Central Sales Tax (CST); Entry Tax; Luxury Tax (LT), Karnataka Entertainment Tax (KET); Betting Tax (BT); Agriculture Income Tax (AIT) and Professional Tax (PT). These taxes contribute to more than two-thirds of the revenue of the State. All the collections are de-centralized and spread over 12 divisions consisting of about 500 unit level offices. Therefore a need for computerization was felt. The computerized system will help in making the existing system more efficient and effective.

The first phase of computerization in the Department started in April 1995 and was implemented for handling KST and CST in five buildings within Bangalore city where the offices of the Assessment Divisions are located.

The collection of taxes in all the assessment offices of the Department which is known as "Returns Filing", is carried out every month through stipulated forms. The Returns Filing Software (RFS) developed for KST and CST is complete in all respe respects. The Software helps in providing dealers related information and generation of all required notices such as defaulters, tax not paid cases, dishonoured cheques etc. It also enables one to keep track of arrears collection, refunds etc. The User Manual for this Software has also been prepared, care has been taken to describe all the data entry screens which appear while using the package.

All buildings where the offices of Assessment Divisions are located will be linked via NICNET to Division Headquarters for daily revenue collection transmission, and subsequently consolidated at Commissioners Office for the generation of daily collection statistics to be forwarded to the Finance Minister. Eventually, any statistics regarding commodity, turnover, tax at any level can be obtained at the Commissioners system itself, instead of depending on every individual office, resulting in time saving and accuracy.

The first phase of computerization is in its final stages and the second phase has already been initiated with respect to site preparation and purchase activities.

Necessary training has been imparted to the concerned officials and the staff using the RFS Software.

- **Computerized Tender Analysis System**
- **Computerized System for Doordarshan Audience Research Television**
- **Financial Accounting System**
- **Civil List Computerization System**

Computerized Tender Analysis System

The National Informatics Centre, Madhya Pradesh State Unit, has successfully developed a computer based Tender Analysis System for the Madhya Pradesh Text Book Corporation (MPTBC).

Every year MPTBC prints books for supply to various schools in Madhya Pradesh. For this purpose MPTBC floats tenders inviting quotations from various printers/publishers. The tenders are then evaluated to determine the combination of tenders in o order to achieve the optimum minimum printing cost. The process requires a number of iterations, considering the fact that the selection usually involves about 50 printers and over 150 text books. It is here the Tender Analysis System helps MPTBC to allot books to the printers such that the overall cost of printing is minimized.

The data related to books (name and number of impressions); printers (name and capacity of the printers); rate per impression quoted etc forms the basic input to the system. The System generates reports giving book wise allotment (name of book, name of printer, number of copies allotted, cost of book etc) and printer wise details (name of the printer, number of books, security deposit & bank guarantee of the printer etc).

The System has been very helpful to the MPTBC in efficient and accurate tender analysis. It has contributed in minimizing the cost of printing as well as saved enormous manual effort.

The System can be used in other text book corporations with minor modifications.

Computerized System for Doordarshan Audience Research Television

The Madhya Pradesh State Unit of the National Informatics Centre has developed a computer-based Doordarshan Audience Research Television (DART) Ratings System for Doordarshan Kendra (DDK), Bhopal. The system is designed to cover daily telecasted programmes and response ratings.

The System helps in analysing the viewers responses for the telecasted programmes of both Bhopal and Delhi Doordarshan Kendras. Information on the telecasted programme in different time slots of various channels and the relevant details of the sampled viewers and their responses during a prescribed period (weekly) forms the basic input to the system. Various reports pertaining to viewer ratings (daywise, week/periodwise) and responded viewers information (group wise viz by sex, age, occupation,income etc.) are generated using the developed system. It also provides facilities for a number of on-line queries.

Ever since its implementation in DDK Bhopal, the System is being actively used for analysis of viewers response and for generation of various ratings related reports of Bhopal Doordarshan Audience Research Television (BART) which form the basis for telecast on DDK, Bhopal. The tabulated DART are being fed to Doordarshan Audience Research (DAR) Unit New Delhi for national level compilation and further telecast on National Network.

Necessary training for an effective utilization of the System has been provided to the operational staff of DDK, Bhopal.

The System is user-friendly and can be used by any Doordarshan Kendra in the Country for analysing responses from the sampled viewers of various telecasted programmes on different channels. -

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Financial Accounting System

The NIC Haryana State Unit has developed a Financial Accounting System for a Co-operative Supply and Marketing Federation, HAFED (Haryana State Co-operative Supply and Marketing Federation).

The basic input is the voucher at Head quarter level and trial balance from all field offices. The by-ledgers and general ledgers have been standardized, thereby reducing the time in compilation and bringing consistency in the system.

The following reports are generated through the System:

- Day Book
- Trial Balance of Headquarters

- General Ledger
- Balance Sheet (with all annexes)
- Profit and Loss Account
- Trading and Manufacturing Account

The System also maintains division wise, district wise, processing unit wise details.

Civil List Computerization System

In view of the availability of NICNET throughout Rajasthan including all District Headquarters and Rajasthan Secretariat Campus, Jaipur, it was felt that this wide network could be used to effectively disseminate the latest detailed information about civil services officers such as IAS, IPS , IFS and RAS.

For this purpose CLICS (Civil List Computerization System) is designed and implemented on NICNET by Rajasthan State Unit of National Informatics Centre, while current data updates are provided by Department of Personnel (DOP), Government of Rajasthan.

One can get complete details of a particular officer or a list of officers or for officers of a complete cadre either on screen or in print. It provides a wide range of queries, multiple queries, reports and summary reports on civil lists of Rajasthan.

The Software has been developed in ORACLE.

NIC Balangir : Setting an Example

The State of Orissa lies on the Eastern coast of India with four of its thirteen districts lying along the coast. The State has a geographical area of 38,504 thousand acres and is surrounded by the States of West Bengal, Bihar and Madhya Pradesh on its other three sides.

The district of Balangir is situated in western part of Orissa. With a population of 12.13 lakh this District spreads over an area of 5,165 square kilometres.

- GENERATING AWARENESS
- INITIAL PROJECTS
- FOR SOCIAL WELFARE
- IN THE INDUSTRIAL SECTOR
- IN THE AGRICULTURE SECTOR
- IN THE ELECTIONS

GENERATING AWARENESS

It was in the year 1988 that the National Informatics Centre, Balangir District Unit started functioning. The initial challenge that lay in front of the NIC officials was to generate computer awareness.

For this purpose a number of computer awareness and training programmes were conducted for the district and block level officers. Through a series of meetings and discussions with different officials at all levels, Informatics culture was developed in the District.

INITIAL PROJECTS

To begin with, NIC District Unit Balangir with the whole-hearted support of the District Collector, developed and implemented a number of softwares for District Collectorate.

Land Reforms being the main objective of the Revenue Administration, the Balangir District Centre developed a MIS (Management Information System) on Land Reforms. The District Centre also developed a **MIS on Revenue Collection** to monitor Tehsil wise monthly collection of different revenues. Monitoring System for district level 20 Point Programme and Public Grievance Monitoring System were also developed by the District Centre.

In the following years, projects such as **MIS on Arms Licence** which builds a database on arm holder; type of arm and make; area of validation and purpose of issue, renewal date etc; System on **Rainfall Statistics** which records daily rainfall of all rain recording stations of the districts; Pay Roll System for State Government Staff, were developed and successfully implemented by the District Centre Balangir.

FOR SOCIAL WELFARE

Working with the cause of social welfare NIC Balangir District Centre has developed and implemented projects such as Monitoring System for **Integrated Child Development Scheme**. The System helps in monitoring the monthly achievement in different areas of the project such as birth, health and immunization; nutrition, pre-school education as well as administration and coordination, along with the expenditure incurred on different activities of the project.

The computerization of the **Employment Assurance Scheme** by the District Centre has been another important step towards helping the general public. Database on **Micro Watersheds** of the District and Rural Water Supply have been developed and implement implemented. The District Centre has also developed a Family wise **database for people Below Poverty Line (BPL)**. The database consists of records of all 2,38,399 BPL families in the District with details of sex, caste and type of family. A database for the Monthly Pension Scheme has also been build to monitor the number of beneficiaries and expenditure.

IN THE INDUSTRIAL SECTOR

In the industrial sector, NIC Balangir District Centre has implemented projects such as Small Scale Industries Gone Into Production; Monthly Reporting of DIC (District Industries Centre); PMRY (Prime

Ministers Rojgar Yojana) Monitoring System; SSI (Small Scale Industries) Census and Long Term Action Plans for DIC.

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IN THE AGRICULTURE SECTOR

In Animal Husbandry Sector the District Centre has helped in monitoring the achievements Animal Health Care: FMD (Food and Mouth Disease); Livestock: Artificial Insemination etc.

Projects such as NWPDRA (National Watershed Development Project for Rainfed Areas): MOVIS (Movement Information system) etc, have been successfully implemented for Food Corporation of India (FCI) by the District Centre Balangir.

IN THE ELECTIONS

The District Unit achievements also include computerization work for the last General Elections for Orissa Legislative Assembly and 11th Parliamentary Election in deployment of polling personnel, preparation of master plan etc.

Work in full swing at the NIC Balangir District Centre, Orissa

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The literacy rate of Balangir is only 38.3 percent. Therefore it was not an easy task for the District Centre to spresd the computure culture in this District. The officials had to strive hard to enlighten

the people regarding the importance and need of computers in todays world. It is the continuous hard work of the District Centre officials that today computers are being extensively used in the District.