II - H.   INFORMATION TECHNOLOGY & e-GOVERNANCE

1.   INTRODUCTION

During Tenth Plan an "IT-eGov" unit has been formed for progressive implementation of e-Governance and to establish an IT enabled work environment in the Department. An IT-Action Plan to implement e-Governance has been formulated.

2.   IT-ACTION PLAN

- *Infrastructure Development:* Provide Personal Computers (PCs) with necessary software support to all functionaries.

- *Website*: Enrich the contents of the website by including forms and guidelines relevant to various citizen services being provided by the Department.

- *Networking:* Establish Local Area Network (LAN) and develop an Intranet to facilitate file and information sharing between various functional units.

- *Office Automation:* Implement an office automation system to maintain records of receipt, issue of letters and movement of files

- *IT Training:* Provide relevant specialized training courses to the staff and Officers, to enable them working on computers.

- *e-Reports*: Convert the Acts, Rules, Circulars and other published material of interest or relevance to the public in electronic form.

3.   ACHIEVEMENTS

3.1   Client Server Applications, Remained Operational

- '**INTRADSIR**'- an effective messaging client, which intend to virtually eliminate, flow of paper based intra-office/ inter-office memos and similar documents. The built-in features of INTRADSIR include functionalities such as bulletin board service, e-messaging and e-leave submission, etc.

- A Document Management Information System '**DMIS**' - a centralised repository of all the documents and it being a system for diarising and the file movement remained accessible through INTRADSIR.

- A comprehensive, Central Information System '**CINFOSYS**' provided online information on status of projects supported under various components of TPDU Scheme. New features which were added on the request of users of CINFOSYS included creation facility of a data on experts and employee leave/tour report generator.

3.2   Client Server Applications As Made Available For Use

Public Grievances Redress and Monitoring System 'PGRAMS'

PGRAMS is being accessed on INTRADSIR. Department is equipped with the Public Grievance Redress & Monitoring System (PGRAMS). The system was designed and developed by National Informatic Centre (NIC) along the guidelines of Department of Administrative Reforms and Public Grievances, (DAR & PG) for a uniform and online Public Grievance Redress and Monitoring by various Ministries and Departments of Government of India. PGRAMS being a WEB technology based, Integrated Application System remained available to facilitate periodic transmission of data over the NICNET.

Procurement and Inventory Management System 'PIMS' for DSIR stores

The unit involved in maintaining inventory of General Stores, stationary items and computer consumables etc are the users of this System. PIMS helps to maintain inventory status of General stationary items and consumables of computers etc. The input to this system constitutes receipt details, issue details, vendor details and officer/section details. Development of this Software system is carried out by PERSINFOTECH Division, NIC. In DSIR it generates reports on the present stock position, lists of exhaust items etc.

Foreign Collaboration Approvals Information Management System (FCAIMS)

Department maintains a database of foreign collaboration approvals and it has been generating from this database, two volumes of reports namely Blue book and a yellow book, on an yearly basis. An application software has now been developed by IT-eG for NRFC unit for mining the information in more user friendly way from the database of all the approvals of foreign collaboration approvals. The software system is developed under a project that was awarded to Institute of Informatics and Communication, Delhi University.

3.3 Ongoing IT-eG Activities

DSIR Website updations

DSIR website, being continuously updated with help of various content owners of the sections. The Department website http://www.dsir.gov.in is continuously updated. The main components of the site includes: What's New; About Us including Administrative, Organizational and Functional Structure, Telephone and Email Directory; Annual Report; Citizen Charter; Ministers; TPDU Programme; Download Forms; Publications; Technical Reports including Executive Summaries of 162 Technical Status Reports; Forthcoming Events; Links to Parliament Q&As; Search; Useful URLs; Advertisements; Tenders; Vacancy; Directories; Autonomous Bodies (CSIR and CDC); Public Enterprises (NRDC and CEL). The website also has a search facility and an email link to send feedback/comments/ suggestions. A separate section on Right to Information has been added to the Website for proactive disclosures under the Right to Information Act, 2005 enacted on June 15, 2005.

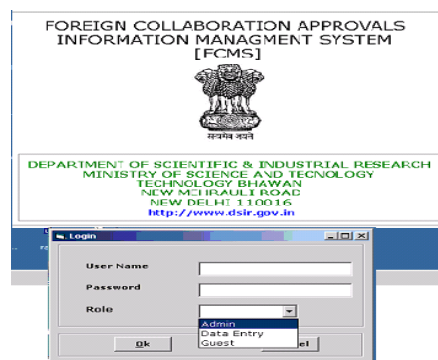### Project Application and Monitoring System 'PAMS'

Under a project, customization of an Integrated Project Application and Monitoring System 'PAMS' has been taken up with the assistance of TCS, which is ongoing. Once fully functional, PAMS would be accessible by the public on Internet and is aimed to automate the department's citizen centric core processes.
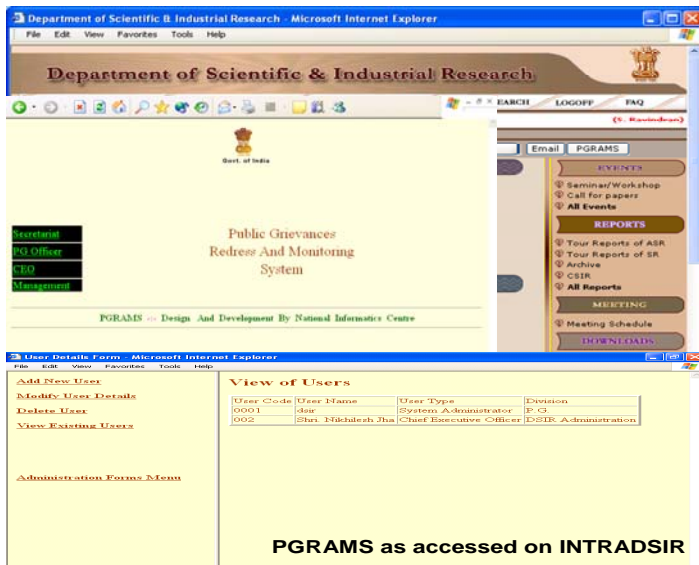
Public Grievances Redress and Monitoring System (PGRAMS) as Accessed on INTRADSIR

PGRAMS as accessed on INTRADSIR

Foreign Collaboration Approvals Information Management System (FCMS)

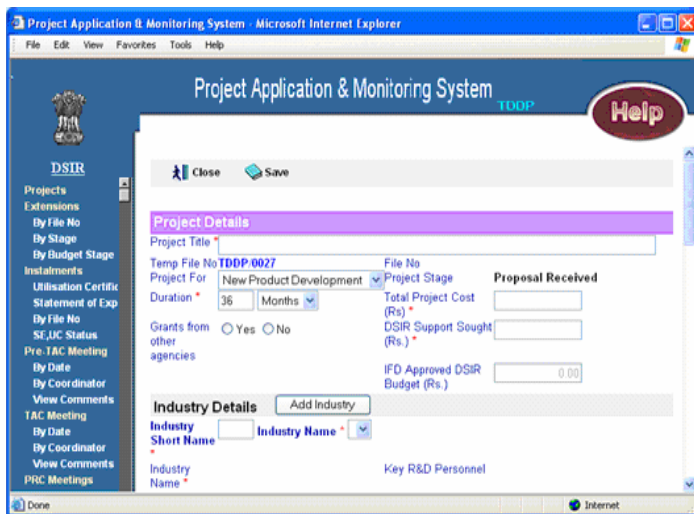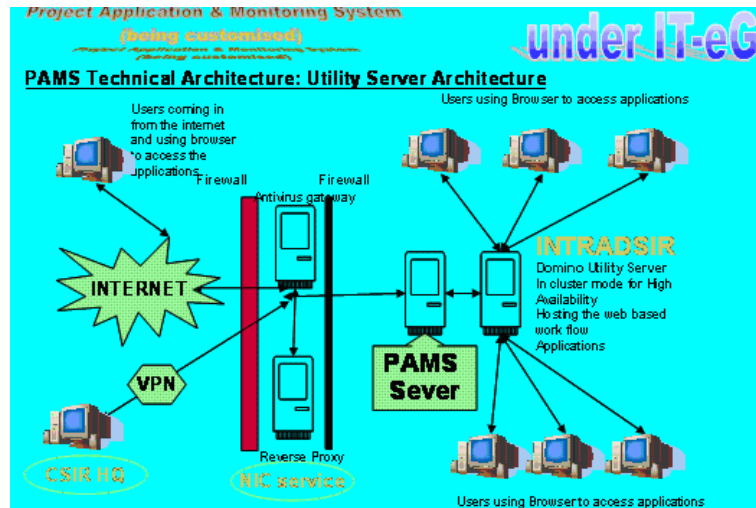FCAIMS Output on the CDs which were circulated by NRFC

Website on Right to Information Act, 2005

http://www.dsir.gov.in/rti/rti-dsir.htm
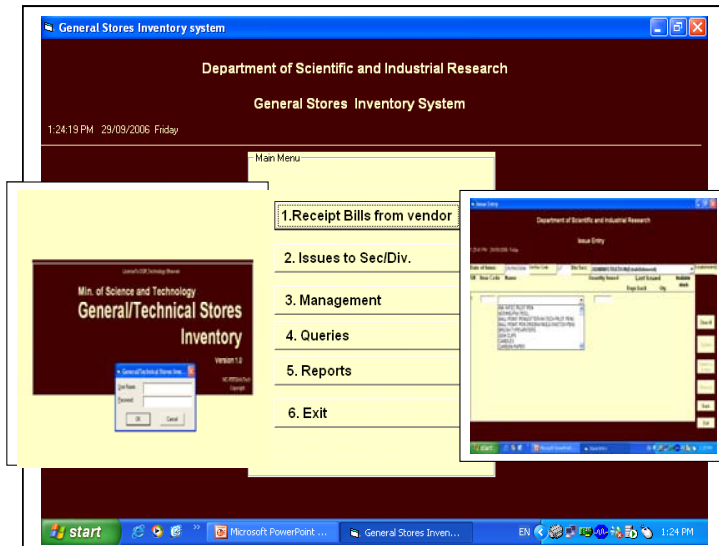
Procurement and Inventory Management System (PIMS)

PAMS Technical Architecture

Project Application and Monitoring System (PAMS)