

# A Digital Agenda for Library Automation and Networking

# A Profile 2010



Library and Information Services Division
NATIONAL INFORMATICS CENTRE
Government of India
http://egranthalaya.nic.in

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A PROFILE: 2010

# E-GRANTHALAYA

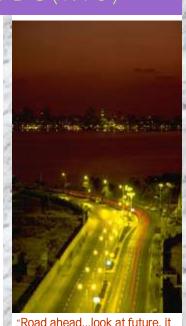
A DIGITAL AGENDA FOR LIBRARY AUTOMATION AND NETWORKING

# FOREWORD BY M. MONI, DDG(NIC)

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PAPER BY

SH M MONI, DDG, NIC 166



"Road ahead...look at future. it is bright" ..
- M Moni, DDG (NIC)



M Moni, DDG (NIC)

# CHAPTER 2: INTRODUCTION

We are living in the Cyber age where everything is being converted to 'e'. Farmers are getting e-Khatoni, people are making e-Friends, friends are sending e-Greetings, passengers are purchasing e-tickets, so and so forth. In this age, ICT is being used in all sphere of our life, libraries are not the exception of this change.

ICT provides both opportunities as well as challenges before the LIS professionals. This is the high time to start using the ICT in libraries for better management of library activities, resources and services. ICT can provide better opportunity to the LIS professionals to show their capabilities by modernizing the libraries and providing various online library services.

There are over lakhs of libraries in India, un-official sources show that there are about 54000 public libraries ranging from Village library to District and State Central Library, 1200 University and College Libraries, 800 Government libraries and several thousand school libraries.

All these libraries are in the bad conditions in terms of infrastructure, manpower, funding and modernization. These libraries are not getting due attention of Central as well as State Governments. Therefore, we -

- the library professionals and professional bodies need to work together for the betterment of these libraries.

Computerization of these libraries is an essential part of their development and uplifting. We are already late in computerization of these libraries due to various reasons given below:

- ► No proper proposals from Library officers
- ► No full support from Higher authority
- ► No proper guidelines and plan from State/Central Government
- ► No Proper pressure from the library users/public
- ► No adequate funding for purchasing of -
  - Hardware
  - Software
  - Data Entry
  - Networking

Now, the cost of hardware decreasing regularly and PCs and other Networking equipments have become affordable for libraries. However,



'Libraries are the Social Institutions'

# Essential ingredients to modernize the libraries

- Adequate Manpower
- Appropriate funding
- Availability of basic infrastructure
- Computerization of activities and services
- Networking of Libraries

#### .. INTRODUCTION

the cost of application software are latest technology for provision of still increasing. latest technology for provision of information through various ser-

There are a number of commercial software in the market which are very costly and small / medium sized libraries can not afford these. However, now a days a number free software are also available, some are open-source software like KOHA which is a complete application for automation and networking of libraries.

NIC has also come-up with a Library Automation Software called as e-Granthalaya which is being given at zero cost to the libraries in India. The software is useful for automation of in -house activities in a library as well as user services.

# Library Automation Scenario in India

The existence of library system in India is as old as the country itself and the libraries in India have a long history, starting with the chained and closed access libraries of earlier times to the present day, hybrid, digital and virtual libraries that use the

information through various services (*Mahajan*, 2005). Although, there is no official source for the number of libraries in India do exist, however, it is assumed that there are over *lakhs* of libraries in India as mentioned in the below table. Authors have collected the data from various other writings and coined the table No. 1 which shows the sector-wise number of libraries in India.

As far as current status of computerization in the Indian Ii-braries concerned, again there is no official data, however, many of the studies have been done for a small group of libraries in isolation which indicate very low percentage of such libraries. One such study done by *S Majumdar (2005)* for government Libraries indicated that 50% libraries in this sector do not have computers and those have these are not using such facility for library automation. In this context, public libraries are even in



Libraries are expanding in terms of resources...

# Table No. 1

#### Libraries in India

- Public Libraries—54845
- S&T Libraries—1200
- Social Sc Library—450
- Govt. Libraries—800
- Humanities Libraries—
   500
- Academic Libraries:
- School Libraries-50,000
- College Libraries—13150
- Universities Libraries-273
- Deemed Universities-37
- Open Universities-7
- Private/Industrial lib— 5000
- National Libraries—7

Source: H K Kaul, 2005

Mahajan, Preeti. (2005), "Academic libraries in India: a present day scenario", Library Philosophy and Practice, Vol. 8 No.1, p.1-3, available at : <a href="http://libr.unl.edu:2000/LPP/mahajan.htm">http://libr.unl.edu:2000/LPP/mahajan.htm</a> (accessed 16 May 2006).

Kaul, H K (2005), "Developing libraries as Knowledge centers: the strategies for knowledge Management", IN: Proceedings of the National Conventional on Library and Information Networking (NACLIN 2005), August 22-25, 2005, Bangalore, 72-87

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erization is being done despite the continuous support of Raja Rammohun Roy Library Foundation (RRLF), Kolkata (http://rrrlf.nic.in) setup by Government of India for overall development of public libraries in India. As rightly mentioned by R Bhattacharjee (2002):-

"The national communication infrastructure for modernization of public libraries (in India) is missing. This needs to be introduced. Public libraries with stray exception here and there have so far has no access to computer facilities and therefore, neither the library staff working in public libraries (in India) are familiar with the computer application, nor are the users able to have access to such facilities....

He further mentioned that out of 28 State Central Libraries (SCL), only 7 libraries (26%) have started the automation of various activities. He also mentioned that among the 29 states in India only 4 states (15%) have adopted information technology, whereas 4 out of 6 Uts (66%) have utilized the information technology in the State Central Li-

worst conditions where no comput- braries (SCLs), No public library having web site for accessing the OPAC over internet.

> Now, efforts are being made to automate all the public libraries in India in various phases using the e-Granthalaya software developed by the NIC. In the first phase, all the State Central Libraries (SCL) which are 28 in numbers scattered in various states capitals in India will be computerized. In the second phase, all the Regional Libraries (RL) and District Libraries (DL) will be covered while in the third phase all the rest of the public libraries of various levels in the respective states in India will be automated using the Granthalaya software. In this direction NIC Officers are organizing a series of seminars and trainings in all the states in collaboration with state authorities who are managing the public libraries in the respective states. During the seminar, DEMO of the software is given, discussion on the implementation



Governement of India Portal

#### <mark>Public Library System in Kerala</mark>

- 7000 Libraries
- 1 State Central Libraries
- Public Libraries are managed by 'Kerala State Library Council'
- KSLC is a volunteer organization, members are elected
- Earlier it was called as 'Kerala Grandhasala Sanghom'
- 90% of public libraries in Kerala having their own building
- 90% of the collection is in local language
- Over 1000 libraries have been provided PCs

Bhattachargee, R (2002). "Public library services in India: systems, modernization, networking and deficiencies", IN: Kaul, H K. (ed), National round table on the modernization and networking of libraries in India, New Delhi, DELNET. 81-99p.

Majumdar, S. (2005), "Role of Government libraries in the e-Governance in India" http://aplapindia2005.nic.in/parliament%20Library-Presentationmajumdar.pdf (accessed 16 May 2006)

#### ...INTRODUCTION

and data entry plans, requirements of the systems, etc. are discussed with top management and state government representative and some times to the Minister of the concerned ministry/department. After acquisition of the systems required, the software is implemented.

Keeping in view all these situation related to the libraries in India, we (library professionals, library schools and library associations) need to work together to strengthen the libraries by computerizing these.

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# Public Library System in India

- States / Union Territories = 35
- State Central Libraries=28 (80%)
- Districts in India = 592
- District Libraries = 451 (76%)
- Talukas = 3987
- Talukas Libraries = 501 (12.5%)
- Villages = 587226
- Village Libraries = 28820 (4.9%)



<u>Directory if Government</u>
Official Web Site hosted

# CHAPTER 3: NATIONAL INFORMATICS CENTRE

National Informatics Centre (NIC) (http://www.nic.in) is a premier institute of Information Technology, has been setup by the Government of India during 1976, working under the Department of Information Technology (http://www.mit.gov.in/), Ministry of Communications and Information Technology (<a href="http://www.moc.gov.in/">http://www.moc.gov.in/</a>), Government of India. At present NIC is providing a network backbone through its satellite based communications network called as NICNET and egovernance support to the Central Government, State Governments, UT Administrations. Districts and other Government bodies. It offers a wide range of ICT services including Nationwide Communication Network for decentralized planning, improvement in Government services and wider transparency of national and local Governments. NIC assists in implementing Information Technology Projects, in close collaboration with Central and State Governments, in the areas of (a) Centrally sponsored schemes and Central sector schemes, (b) State sector and State sponsored projects, and (c) District Administration sponsored projects. NIC endeavors to ensure that the latest technology in all areas of IT is available to its users.

# **Background**

The mid-1970s, in India, were watershed years, heralding a revolutionary transformation in governance. In the year 1975, the Government of India envisioned that the strategic use of Information Technology (IT) in government would lead to more transparent and efficacious governance which could give a fillip to all-round development. In 1976, in the wake of this recognition of the potency of IT, the Government visualized a project of enduring importance viz. the "National Informatics Centre (NIC)". Subsequently, with the financial assistance of the United Nations Development Program (UNDP) amounting to US \$4.4 million, NIC was set up

# **Advisory Council during 1976-77**

The Advisory Council set up for the NIC in 1976-1977 had the following composition

- 1.Prof. M. G. K. Menon, Chairman, Electronics Commission Chairman
- Shri M. Satyapal, Advisor (I&M),Planning Commission Member
- 3. Shri C.S. Swaminathan, Controller



- Accounts Informatics Division
- Agriculture Informatics Division
- Analytics & Modelling Division
- Audit Information Division
- Bibliographic Informatics
   Division
- Biotechnology Informatics
   Division
- CAE
- CIC Informatics Unit, Energy Informatics Division(EID)
- Civil Aviation Information
   Division
- Commerce Informatics Division
- Communication Information System Division
- Communication Software Group
- Community Information Centre Project
- Computer Aided Paperless
   Examination System (CAPES)
   Division
- Computerised Rural Information Systems Project (CRISP) Division
- Cooperatives Informatics Division
- Court Information System
   (COURTIS) Division
- Culture Informatics Division

#### NATIONAL INFORMATICS CENTRE

General of Accounts, Ministry of Finance Member

4.**Prof. V. S. Rajamani**, Professor, Indian Institute of Technology, Delhi Member

**5.Col. A. Balasubramanian**, Officer on Special Duty, Department of Electronics Member

**6.Dr. N. Seshagiri**, Director (IPAG) and Executive Director (PROTEM), NIC Member

#### **Achievements**

NIC has leveraged ICT to provide a robust communication backbone and effective support for e-Governance to the Central Government, State Governments, UT Administrations, Districts and other Government bodies. It offers a wide range of ICT services. This includes NICNET, a Nationwide Communication Network with gateway nodes at about 53 departments of the Government of India. 35 State/UT Secretariats and 603 District collectorate to service ICT applications. NICNET has played a vital role in decentralized planning, improvement in Government services, wider transparency of national and local Governments and improving their accountability to the people. NIC assists in implementing ICT projects, in close collaboration with Central and State Governments and endeavors to ensure

that state-of the-art technology is available to its users in all areas of ICT.

#### Milestones

- Central Government Informatics Development Program a strategic decision to overcome Digital Divide in Central Government Departments during the Fifth Plan Period (i.e. 1972 -77);
- NICNET A first of its kind in developing countries, using state-of-the-art VSAT technology. Gateway for Internet/ Intranet Access and Resources Sharing in Central Government Ministries and Departments during 1980s and 1990s;
- IT in Social Applications and Public Administration;
- State Government Informatics
   Development Program a strategic decision to overcome
   Digital Divide in Central and
   State Governments/UT Administrations, during the Seventh Plan Period (i.e. 1985-1990);
- DISNIC A NICNET based District Government Informatics



President of India Web Site

- Data Centre and Web Services Division
- DDWS Computer Cell, Rural Development Informatics Systems Division
- Digital Archiving and Management
- Disinvestment Informatics System Division (DISD)
- DISNIC Programmme Division
- DIT Support Division
- E Governance Standards
   Division
- EDI Application Unit
- Education Information Division
- Electronic Data Interchange
   Co-ordination Division
  - Energy Information Systems Division
- Engineering Support Group
- Environment & Forest Information Division
- External Affairs Informatics Division

#### .NATIONAL INFORMATICS CENTRE

Program a strategic decision in 1985 to overcome the Digital Divide in the District Administrations;

- Reaching out into India during 1985-90, even before the arrival of Internet Technology, to all the districts of the country, which is a land of diversity and different types of terrain, various Agro-climatic conditions, different levels of socioeconomic conditions, and varied levels of regional development etc.
- Video-Conferencing operations first commenced in the early 90s and now connect all the Districts headquarters and state headquarters.
- National Informatics Centre Services Inc. (NICSI) was set up in 1995, as a section 25 Company under National Informatics Centre.
   NICSI is preferred by government departments for outsourcing the entire range of IT solutions and services.
- India Image Portal (<a href="http://www.indiaimage.gov.in">http://www.indiaimage.gov.in</a>) is a gateway to the Indian government information with a mission to extend comprehensive WWW services to Government Ministries and Departments Under this project, over 5000 Government of India web-

sites are being hosted.

- A significant outcome of India Image Portal, which came about in the early years of the millennium, is the GOI Directory, a first of its kind comprehensive directory providing information about websites of the Indian government at all levels.
- Also, in late 2005, all the services and websites in India Image Portal were brought under one interface to provide single-window access to citizens. This is the National Portal accessible at <a href="http://india.gov.in">http://india.gov.in</a>.
- Integrated Network Operations Centre (I-NOC) was established in 2002 for round the clock monitoring of all the WAN links across the country.
- NIC Data Centre, established in 2002, hosts over 5000 websites & portals. Data Centre which have been established at State capitals for their local storage needs, have storage capacity from 2-10 Terabytes.
- NIC has been licensed to func-



Dr B K Gairola, DG (NIC)

**National Informatics** Centre, since its inception has been striving towards induction of Information & Communication Technology in the process of governance. In the recent years, there has been a significant shift from G2G domain to G2C Services. Large number of initiatives have been taken by the government at various levels to enhance the quality of services to citizens. The significantly enhanced scope of e-governance applications & services and the timeframe available to implement these have necessitated larger participation of IT Industry at different stages of the Projects such as Consulting, Development & Rollout

Dr B K Gairola, DG(NIC)

#### .NATIONAL INFORMATICS CENTRE

tion as Certifying Authority (CA) in the G2G domain and CA services commenced in 2002.

NIC set up the Right to Information
 Portal in order to provide support
 to the Government for speedy and
 effective implementation of the
 Right to Information Act 2005.

Over the years NIC has extended the satellite based Wide Area Network to more than 3000 nodes and well over 60,000 nodes of Local Area Networks in all the Central Government offices and State Government Secretariats.

As a major step in ushering in e Governance, NIC implements the following minimum agenda as announced by the Central Government:

- Internet/Intranet Infrastructure (PCs, Office Productivity Tools, Portals on Business of Allocation and Office Procedures)
- IT empowerment of officers/ officials through Training
- IT enabled Services including G2G, G2B, G2C, G2E portals
- IT Plans for Sectoral Development
- Business Process Re-engineering

**ICT Services** 

NIC provides a rich and varied range of ICT services delineated below.

#### Profile of Current Services:

- Digital Archiving and Management
- Digital Library
- E-Commerce
- E-Governance
- Geographical Information System
- IT Training for Government Employees
- Network Services (Internet, Intranet)
- Video Conferencing
- Web Services
- General Informatics Services
- Medical Informatics
- Bibliographic Services
- Intellectual Property and Know-How Informatics Services
- Setting up of Data Centre
- Building Gigabit Backbone
- IT Consultancy Services
- Turnkey IT Solutions
- ICT in Libraries
- ICT In States



Prime Minister of India Web Site

This emerging scenario has changed the expectations of the Government from NIC, from a mere developer of applications to provision of high level support in managing the projects through its entire lifecycle. An important component of such an emerging role of NIC is to support the government in strategic control of the application development and services required to be outsourced to the industry. This requires reorganization & reorientation of the strategy by which NIC has been providing services in the past.

Another major role envisaged for NIC relates to managing of e-governance infrastructure set up under various government initiatives across the country. NIC is preparing itself to support the states to manage the state level e-Governance Infrastructure such as State Data Centers, State Wide Area Networks & State Portals. NIC is also signing the MoU with state governments under which it can provide the advise, consultancy and necessary technical support for effective and efficient management of the e-Governance Infrastructure.

- Dr B K Gairola, DG(NIC)

# CHAPTER4: LIBRARY TECHNOLOGY @NIC

#### 1. Introduction

National Informatics Centre (NIC) is a premier institution of Information Technology under the Ministry of Communications and Information Technology, Department of Information Technology, Government of India. NIC has been providing ICT support to the central and state Governments setup, has established the biggest network in Asia that is NICNET and connected all the central, Government, State Government offices and district centres over the country. (http:// <u>home.nic.in</u> )

During the last 30 years, the NIC scored many firsts in the field of informatics development & networking for decision support in the Central Government Departments, 28 State governments, one National Capital Territory of Delhi and 6 Union Territories, and about 600 District administrations at sub-state level. NIC has been instrumental in adopting Information Technology and Communication Technology are reach out into India" (i.e. by implementing IT applications in Social & Public administrations).

### 2. NIC National Projects

Many of the successful projects of the NIC are given bellow:

**CourtNIC**: Court Informatics Program

**AGMARKNET**: Networking of Agricultural Produce Whole Sale Markets

Sales Tax Computerization: STAM-INA, TACKIS, MUDRA

**RuralSOFT**: ICT in Poverty Alleviation Schemes

**COIN**: Co-Operative Bank Management Software

SMART Nagarpalika: An ICT framework for effective functioning of Municipal administration

e-Panchayat: An ICT Framework for Panchayat Administration

ICT Training for Government Manpower

Passport Computerization

EDI Services in the Indian Customs

**SERMON**: An Intranet Solution for Central Excise Revenue Collection

of the Union Government

**Enrich**: ICT Framework for UNESCO Projects



- Health & FW Informatics Division (HID)
- Human Resource Development Division
- Industry Information Systems Division
- Information & Broadcasting Informatics Division
- Information Technology Hardware Development Division
- Integrated Business Information Systems Division
- Intellectual Property & Know How Informatics Division
- Labour Information System Division
- Land Records Information Systems Division
- Law & Justice Division

#### ..LIBRARY TECHNOLOGY @NIC

Smart Card Technology for e-Government Applications

DISNIC: A District Government Infor-

matics Program

Intranic: G2E Application

Indian Portal: G2C Information Portal

(http://www.India.gov.in)

SARATHI / VAHAN: Smart Way for Road Transport and Vehicle Registra-

tion System

Central Civil Pension Computerization

Property Registration: CARD, STAR, PEARL, CORD, HARIS, PRISM

Land Records Computerization:

BHOOMI, BHUMI, TAMILNILAM, BHOOLEKH, HIMBHOOMI, BHUIYA, AP-KAKhata, DHARNI

Utility Mapping of Delhi State

PAO 2000: Computerization of PAO

ePOST Service to send/receive email

VC Studio in All the Districts of India

**DACNET**: Department of Agriculture, & Co-Operation of the Union Government

**Enrich**: ICT Framework for UNESCO

Projects

Smart Card Technology for e-Government Applications

**DISNIC**: A District Government Informatics Program

Intranic: G2E Application

Indian Portal: G2C Information Portal (<a href="http://www.lndia.gov.in">http://www.lndia.gov.in</a>)

# 3. Library Services

NIC has been a pioneer force to design, develop and support ICT tools and services for the Indian Libraries since its existence. From 1994 to 2000, NIC distributed the Techlib Plus / Bassis Plus software to Indian libraries. During 2002 it was found that NIC had developed over 30 different library automation software for various ministries and Government departments. All such software were designed by various NIC groups for their respective ministries without following the standards, rules and practices prevalent in Indian libraries. Later it was decided by the Committee constituted under the chairmanship of **Sh M Moni**, DDG (NIC) to use e-Granthalaya Software among the many from NIC and to further develop and promote by the NIC. Following are the tools, technologies and services provided by the NIC in the Library Science domain:

#### 3.1. e-Granthalaya



http://loksabha.gov.in/

- Market Informatics Division
- Ministry of Defence Informatics
   Division
- Ministry of Home Affairs Information Systems Division
- Ministry of Rural Development Project Cell
- Ministry of Statistics &
   Programme Implementation
- Minority Affairs Informatics
   Division
- MIS Division
- National Human Rights Commission Division
- Natural Hazards Management Information System Division
- Network Customer Support Divison
- Network Infrastructure Systems Group
- Parliament Informatics Division
- Personnel & Public Grievances Informatics Division
- Planning Commission Informatics Division
- Remote Sensing & GIS
   Division
- RENNIC / Internet Division

#### LIBRARY TECHNOLOGY @NIC

e-Granthalaya: A Digital Agenda medical literature. This database for Library Automation and Networking covers <u>prominent Indian journals</u>.

- is a library management software designed and developed in NIC. The fill details of the software is given in the subsequent chapters medical literature. This database covers <u>prominent Indian journals</u>. These have been selected from more than 200 journals. More journals would be added to the list as their quality improves in

#### 3.2. NewsNIC

NewsNIC: is an Online News Clippings solution from National Informatics Centre. The software is provided free to the Indian libraries and is very useful to provide full-text, webbased news clipping service from the libraries and information centres.



#### 3.3. IndMED

It is a bibliographic database of Indian biomedical journals provided over Internet by the Indian Medlars Centre of NIC. The ICMR-NIC Centre for Biomedical Information (Indian MEDLARS Centre or IMC) has designed and developed a bibliographic database of peer reviewed Indian bio-

medical literature. This database covers prominent Indian journals. These have been selected from more than 200 journals. More journals would be added to the list as their quality improves in coming years. It is proposed to cover the journals from 1985 onwards in this database. The database can be searched using its public interface as shown in the below image (http://indmed.nic.in)



#### 3.4. MEDInd

MEDINd is a full-text database developed and made available on Internet by the Indian Medlars Centre of NIC. The web site of MedInd (<a href="http://medind.nic.in">http://medind.nic.in</a> ) provides the access of about 50 Indian journals in the Medical fields, their bibliographic details as well as Full-text articles, research papers, etc in



- Satellite Communications Division
- Science & Technology
   Division
- Socio\_Cultural Informatics
   Division
- Surface Transport Informatics Division
- System Operation & Management Informatics Division
- System Software Division (Open Source Forum)
- Textile Informatics Division
- Transport & Highway Informatics Division
- Urban Development and CPWD Informatics Division
- Utility Mapping Division
- Water Resources Informatics Division
- Wireless Terrestrial Communication Division
- Women & Child Development Info System Division

#### LIBRARY TECHNOLOGY @NIC

PDF format.



#### 3.5. UnCAT

It is the Union Catalog of Medical Journals available in Indian Libraries. The Home page of the database (<a href="http://uncat.nic.in">http://uncat.nic.in</a> ) provides access to the Union Catalog of Medical Journals in India. The database is updated regularly by the Medical Libraries in India.

# 3.6. Hosting of Library Web Sites

NIC has setup national facility with standard infrastructure for hosting of databases and web sites for Government organizations. The NIC has setup a nation-wide , satellitebased communication system called as NICNET.

NIC also provides Domain
Name Registration where organizations are assigned the Web URL of the site along with the platform for the hosting. NIC provides wide range of hosting services right from Shared Hosting and Dedicated Servers to Colocated Servers and Managed Hosting

needed for the web sites to survive and flourish online.

NIC hosting solutions are available on a variety of platforms such as Linux, Windows, Solaris etc.

NIC also supports state of the art web technologies on various servers right from CGI, Perl, ASP, PHP, Front Page Extensions, JSP, JAVA etc. Our capabilities include supporting a variety of databases including MS SQL, MS Access, MySQL etc.

NIC hosting infrastructure includes a large number of powerful performance tuned and secure servers which are well connected with Internet. We use load balanc-



ing and clustering solutions to effectively manage the heavy traffic on the websites during peakhours and to ensure a high degree of availability.

NIC Has already hosted databases



<u>Libraries on</u>
<u>Internet which are</u>
<u>using e-Granthalaya</u>
Software

Baba Farid
University of Health
Science

(http:// library.babafariduniv.com/ eg3opac/Default.aspx)



#### LIBRARY TECHNOLOGY @NIC

for the following libraries:

1. NIC-UP, Lucknow - NIC Lucknow is using e-Granthalya Ver.1.0 and has created about 3000 records for the books available there for NIC Staff.

(http://lasp.up.nic.in/)

#### 2. National Informatics Centre

(http://niclibrareis.nic.in)

All the ten branch libraries of NIC using a centralized database and a common web OPAC hosted in NIC Delhi. Using Client Program of e-Granthalaya, these all libraries updating database from there respective location



3. Rajya Sabha Secretariat Library (http://164.100.24.186/library/welcome.asp)



This site (Web OPAC) running on local LAN and can be accessed from any system where NICNET connectivity exists.

# Zoological Survey of India (<a href="http://zsilibrareis.nci.in">http://zsilibrareis.nci.in</a> )

There are about 10 libraries of ZSI located in different city of the country. All these libraries are using e-Granthalaya and a centralized database is hosted in NIC Server in Delhi. All the Libraries updating database in real-time



#### 5. Ministry of Earth Sciences

(<a href="http://librarymoes.nic.in/welcome.asp">http://librarymoes.nic.in/welcome.asp</a>)

Ministry of Earth Science, GOI is using e-Granthalaya Ver.2.0 and Web OPAC is available in public domain





Libraries on Internet which are using e-Granthalaya Software

Kendriya Vidyalaya Mankhurd, Mumbai

http:// kvmankhurd.ac.in/ kvmlibrary/ welcome.asp



#### LIBRARY TECHNOLOGY @NIC

#### 6. North Eastern Council Secretariat Library, Shillong, Meghalaya

(http://necouncil.gov.in/Granth2/ welcome.asp)

> NEC Database is hosted in State Server of NIC, Shillong, Meghalaya and is available for search. NEC Library has also implemented RFID with the help of NIC

#### State Central Library, Shillong (http://164.100.150.131/OPAC/ welcome.asp)

State Central Library, Shillong is the first library among Public Libraries in India which is fully automated using the e-Granthalaya Software.

#### 8. Haryana Civil Secretariat Library (http://web1.hry.nic.in/library/)

This library database is hosted in State Server of NIC, Chandigarh from where the library updating the database in LIVE fashion. The Web OPAC provides access to catalog.

#### 9. Himachal Pradesh Secretariat Library (http://admis.hp.nic.in/hplib/ )

This library is automated using the Ver.3.0 of the e-Granthalaya and Server of NIC, Shimla

#### 10. ICAR Library

(http://demotemp339.nic.in/welcome.asp.)

ICAR Headquarters library in Delhi using e-Granthalaya 3.0 and has hosted its database in NIC Hs Server. At present the Web site of ICAR is under Audit.

#### 11. Bureau of Police Research and Development (BPRD) -

(http://bprdlibrary.nic.in)

NIC has taken the paid project for computerization of the BPRD Library. The BPRD library was using 'Granthayala' software , a DOS based software developed by the

NISCAIR. Now BPRD library has migrated to e-Granthalaya software ver.3.0. Web OPAC is available for access of the library catalog.

#### **Botanical Survey of India** 12. (http://bsilibraeis.nic.in)

This is another example of Cluster Automation where 10 branch libraries of BSI are located in different part of the country and using a centralized database which is hosted in NIC server in Delhi. All branch libraries have installed e-Granthalaya 3.0 and adding their records from their respective location. WAN based e-Grnthalaya 3.0 is being used

Besides, many libraries have hosted their databases in State centre of the NIC and Web OPACs are available over Internet.

#### 4. MCIT Consortium

Consortium an association of like minded people, organizadatabase is hosted in the State tion, institutions to achieve some common goal for the betterment of the society, organization in whole. Ministry of Communications and Information Technology, Government of India has three Departments, namely Department of Information Technology (DIT), Department of Telecommunication (DOT) and Department of Post (DOP) at its umbrella. All these three departments number of R&D Units, Autono-



Libraries on Internet which are using e-Granthalaya Software

Jawahar Navodaya, Morigaon, Assam

http:// www.invmorigaon.org/ welcome.asp



#### LIBRARY TECHNOLOGY @NIC

mous Body, Public Sector etc. To cater the S&T officials

#### Mission

"Identifying possible areas of Convergence between the Departments viz. DOT, DOP & DIT in the Ministry to optimize mutual resources and strengths"

# **Objective**

- To create a Digital/Electronic Library
- Resource Sharing and Networking
- Creating a model for Government of India Libraries Networking
- To bring down the cost of subscription of materials in the member libraries

# **Background Information**

Ministry of Communications and Information Technology comprises of three departments that is Department of Information Technology (DIT), Department Telecommunication (DOT) Department of Post (DOP) and Telecom Regulatory Authority India (TRAI). Each department has a number of PSU/Organizations/Autonomous Bodies like

- Department of Information Technology
- National Informatics Centre (NIC)
- C-DAC
- STQC
- DOEACC
- ERNET India
- Semiconductor Complex

- SAMEER
- Software Technology Parks of India
- Department of Telecommunication
- Telecommunications Engineering Centre
- Telecommunications Consultants
   India Limited
- CDOT
- BSNL
- MTNI
- Advanced Level Telecom Training Centre,
- Department of Post
- Telecom Regulatory Authority India (TRAI)

These organizations have their own Library & Documentation Centres and Information Centres to meet the information needs of their officials. These organizations spend huge amount of their budget to purchase/ subscribe books, journals etc for their libraries. Sometimes it has been observed that these libraries purchase common/similar information resources separately. Thus there is a need of common purchasing and sharing of information resources among these organizations for the best utilization of their library budget as well as information resources.



Libraries on Internet which are using e-Granthalaya Software

ICAR Hq Library
<a href="http://icarlibrary.nic.in">http://icarlibrary.nic.in</a>



#### LIBRARY TECHNOLOGY @NIC

# **Need and Purpose**

Thorny problems like shrinking budgets, growing patron demands, rising costs of books and periodicals lead to crystallize such a concept for the Library & Information Systems. Ministry of Communication & Information Technology is not an exception to this. The primary purpose of Library Consortium is to share information resources, which means the Books, Periodical, ejournal, e-books so and so forth. Advances in Computer, information and telecommunication technologies has revolutionized the way in which information is acquired, stored, accessed and transferred. Sharing electronic resources has rapidly become another important goal for library consortia.

Users of Library and Information Services Systems of Ministry of Communications and Information Technology are widely spread throughout India e.g. a major chunk of NIC staff spread all over the nation, a number of offices like SAMEER; STPI;C-DAC;ERNET; DOEACC;STQC; CDOT; TRAI etc are located in different locations. A number of research and development works are going on regularly and the users need to keep watch on daily updates. Howsoever they get the

information after a big gap of time in the hard copy form.

#### Area of Consortium

- Digital Library of ICT resources
- Online News Clipping Service
- E- Journal Subscription & Maintenance
- e-Granthalaya : A digital agenda for Automation & Networking
- Union Catalogue

# Digital Library of ICT Resources

MCIT Libraries Consortium has the above areas in its purview. All the three Departments, Autonomous Bodies and PSU (s) has number of publications like Annual Reports, Standards, Patents and many important government publications. A Digital Library of all such collections will be put on the consortium web site for general purpose in public domain wherever possible and for internal use of MCIT officials. The web server will be developed and maintained by NIC, New Delhi

# E-Journals Subscription

Looking into the trends of e-Journals MCIT Libraries Consortium is in the process of common subscription on Consortium Platform. Department of Information Technology, Department of Tele-



Libraries on Internet which are using e-Granthalaya Software

Powai, Mumbai

http://
lib.kviitmumbai.org.in/
welcome.asp

Kendriya Vidyalaya IIT



#### LIBRARY TECHNOLOGY @NIC

communications, Department of Post Services to its users as a Current and other Autonomous Bodies, PSUs Awareness Services (CAS). NIC, subscribe Journals/Magazines related New Delhi and CDAC, Pune has to ICT in print form. As the users of developed their softwares to proour Library systems spread across the vide this service online to its clinations and cyber savvy in nature looks forward for e-version of Journals/Magazine. The most beneficial properties of e-Journals like round the clock accessibility, retrieval of information at light speed and mouse click downloading news items from access are the add on features to refer e-Journals. In the common e-Journals subscription of MCIT Libraries Consortium Digital Libraries/e-Journals/Database of are enlisted

- IEEE Electronic Library (IEL)
- **ACM Digital Library**
- International Standards (ISO, ITU, etc)
- JCCC Gateway

Negotiations for License agreement at high discount rate with publishers in India and abroad is going on. For funding of the e-journals subscription through MCIT Consortium is in the process at the Ministry of Communications & Information Technology.

# On-Line News Clippings Service

Like every organization's Library, the Library Systems of Ministry of Communications & Information Technology provides News Clipping

ents sitting across the country. This software will be distributed free of charge to all the participating members. It has been planned to decentralized the job of website and uploading in the Online News Clipping site. This decentralization is possible as the news items covered in the service are related to Information Technology, Telecommunications and ICT. The aim is sow less reap more by sharing the job and simultaneously avoiding duplication. The professional manpower can be deployed more efficiently.

#### Library Automation using Granthalaya

a Library e-Granthalaya Management software developed by NIC, Bangalore Unit is operational in many libraries. This software will be used for Automation and Networking of all the participating Libraries in MCIT Consortium. E-Granthalaya will be installed at SAN Server located at NIC, New Delhi. All the participat-



http://mha.gov.in/

Definitions of AACR2 on the Web:

AACR2 stands for the Anglo-American Cataloguing Rules, Second Edition. It is published jointly by the **American Library** Association, the Canadian ...en.wikipedi a.org/wiki/AACR2

A set of rules that describe the content that is contained in library catalog records.www.cs.cornell.edu/ wya/DigLib/MS1999/ Glossary.html

#### LIBRARY TECHNOLOGY @NIC

ing libraries will update their respective database for retrieval and updating of information. Training and other infrastructure towards this will be provided through MCIT Consortium. Our target is to strengthen the partner libraries of Consortium lagging behind in automation for information resource management

# **Union Catalog**

For resource sharing among the participating Libraries of Consortium; Union Catalogue of books, journals and resources available in the member libraries will be hosted on the web site. E-Granthalaya software with such features for online Inter Library loan facility and creating integrated LIS system.

#### Nodal Office

The nodal office of the Consortium is at NIC, A-Block, CGO Complex, Lodhi Road, New Delhi-110 003. All the administrative, financial and management of Consortium are monitored at nodal office.

#### Services

As this is a consortium of libraries of intra-Ministerial and inter Departmental, a MOU has been signed among the participant members by sharing of responsibilities. In this re-

gard all the participating members agree to the following responsibilities given to them

Digital Library: Creation of Digital Library of ICT Resources available with Ministry of Communications & Information Technology will be carried out by CDAC, Pune for free access to all the member participants.

e-Journals Subscription: The Consortium Committee will negotiate with Publishers/Agencies for pricing policy, accessibility, license agreement and backup files, archives of e-journals to be subscribed by the consortium and coordination from time to time in consultation with all the participants.

News Paper Clippings Service: Library & Information Services Division, NIC, New Delhi has developed a web based software package named as "NewsNIC" to provide News Clipping Service which is one of the Current Awareness Service of every Library. This software will be distributed free of cost to all the participating libraries.

Union Catalogue: e-Grantahalaya is a



http://mpa.nic.in/

### The Beginning of the Cataloging Code

The first significant

cataloging code was published in 1841. The realization that cooperation and standardization was superior to the earlier form of cataloging encouraged the compilation and distribution of widespread rules. Prior to this time, the activity of cataloging was done on an individual basis. Libraries that considered their collections to be big enough to need a catalog would make one if necessary funds were available to do so. It was expensive to catalog on an individual basis, as this creation was almost never shared between **libraries** 

#### LIBRARY TECHNOLOGY @NIC

oped and distributed by NIC, New | Delhi. All the participants will use the software to prepare union catalogue of all resources of their libraries to avoid duplication and quick disposal of information requirement. NIC will assist in automation and networking of the participating libraries wherever required for creating the Union Catalogue of Consortium. Libraries of DIT (Electronic Niketan, New Delhi), DOT (Sanchar Bhawan, New Delhi) & Postal Staff College (Ghaziabad) will co- ordinate for creation of Union Catalogue of Library Holdings of member participants.

# Last Five Years Experience

The MCIT Library Consortium has been operational since 2005. All the Member participants like CDOT, CDAC, TRAI, DIT and NIC has signed MOU to participate in the Consortium for e-Resource sharing and strengthening. All the e-Resources namely IEEE/IEE Electronic Library, ACM Digital Library, ISO JTC Standards and JCCC Gateway for Union Catalogue has been subscribed at Consortium Platform. The subscription fee the packages are being contributed among NIC, DIT, CDAC and CDOT. The services are extended to DIT plus organi-

library management software devel-zations namely SAMEER, Nine regional Centres of DOEACC, STQC, STPI, ERNET throughout India. All the information regarding MCIT Library Consortium is available at http://mcitconsortium.nic.in .

> Looking into usage statistics of IEL there is a heavy demand from CDAC, DOEACC and CDOT due to student and researcher community. Moderate usage report from DIT and NIC users due to officials only. From 2009 onwards centralized funding is being planed to overcome funding problem to subscribe the e-Resources.

#### Conclusion

Consortium of Libraries is the demand of time and MCIT Library and Information System has already started a brisk march towards this noble objective. This Consortium will not only automate and integrate the services of participating libraries but also strengthen their Digital Collections to meet their users' need



http://www.indianrailways.gov.in/



Dr S R Ranganathan Father of Library Science in

# CHAPTER 5: E-GRANTHALAYA

#### Introduction

Libraries are the social institutions as they provide various kinds of services to the users and citizen of the city / country. Libraries have been the integral part of the education system in the society since early days. The first library in the world, as given on Wiki Answer portal (http:// wiki.answers.com ) was The Royal Library of Ashurbanipal, named after Ashurbanipal, the last great king of the Neo-Assyrian Empire. In India the Nalanda Library, known as *Dharma* Guni, was one of the oldest library, great in terms of library collection, users and research scholars. In the modern India, libraries have become the integral part of not only educational institutions but also other government setup like ministries, departments, district centres, etc.

As per the un-official census of the libraries in India, there are about 54,000 public libraries, 1200 university/departmental libraries, 12000 schools and college libraries and 800 ministries and government departments libraries under Central and state Government, 400 R & D libraries. As per one estimate, only few hundred libraries are fully automated,

while most of the libraries are either partially automated or yet to start the job of automation.

# What is e-Granthalaya

e-Granthalaya is a Library Management Software facilitates to automate not only the in-house activities of the library but also the user services. The first version of

Ver.	Year	Technol- ogy/ Platform	DBMS
1.0	2003	VB6/ASP	SQL Server 7
2.0	2005	VB6/ASP	SQL Server 2000
3.0	2007	VB.NET/ ASP.NET 2.0	SQL Server 2005

Fig. .1: Release of e-Granthalaya

the Software was developed by the Karnataka State center of NIC, Bangalore. Later, the development was taken over by the Library and Information Services Division at NICHQs, New Delhi. The following table shows the release of various versions of the software

# **Technology Used**

e-Granthalaya has been developed based on latest from Microsoft Technologies. .NET tech-



Libraries on Internet which are using e-Granthalaya Software

Botanical Survey of India

http://
bsilibraries.nic.in/
homepage/
index.asp



#### ..E-GRANTHALAYA

**nologies** have been used for design and development of various compo

	S.N.	Components	Technology/Tool
	1.	Front End (Data Entry Program)	VB.NET 2.0 (Windows Formsapplication)
	2.	Back End Database	MS SQL Server 2005
Ī	3.	GranthService (Web Service)	WCF (Windows Communications Foundation 3.5)
	4.	Reports	SQL Server 2005 Report- ing Services / Crystal Reports
	6.	WebOPAC	ASP.NET 2.0

Fig. 3: Components of the eGranthalaya 3.0

nents/modules of the software. Visual Basic programming language is the prevalent language used in the software to write various interfaces using the Visual Studio 2005 development platform. E-Granthalaya Data entry interface is Windows Forms application while the Web OPAC is written in ASP.NET using the .NET Framework 2.0 technology.

# Why .NET Technology?

As Open Source Technologies becoming quite popular not only in the American and European countries but also in India due to various reasons, cost is the main factor. However, the Open Source technologies provide many challenges on design and deployment level mainly due to lacking of Rapid Development and debug Tools, etc. Moreover, the so called "Free" has

proved a misconception as the Total Ownership Cost (ToC) is very high in India due to various reasons such as less number of maintenance agencies for Open Source platform/technologies, high cost of professionals, runs on high performance hardware and robust platform, etc. Also, the design, development, deployment and maintenance of Open Source Systems provide big challenges for library professionals as they are not properly computer trained . Following factors were considered for adopting the .NET Technologies

- Ease in Design and development
- Rapid Development Tools
- Free Development Platform
- Integrated Debug tools
- Availability of User Controls, etc.
- Testing Tools built-in
- Ease in Compilation and Delivery
- Ease in Deployment / Installation
- Free SQL Server 2005 (express Edition)
- Ease in up-dation
- Cost effective

These all factors are suitable to adopt the e-Granthalaya software by the library community where library professionals with little knowledge of ICT can also implement the software in the li-



http://rrrlf.nic.in/

Libraries on Internet which are using e-Granthalaya Software

Zoological Surey of India

http:// bsilibraries.nic.in/ homepage/ index.asp



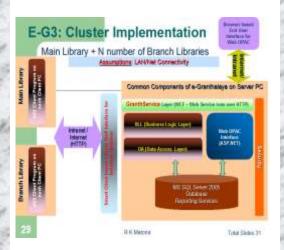
# ..E-GRANTHALAYA

braries.

# **Architecture**

e-Granthalaya Ver. 3.0, released during 2007 has been designed keeping in view the requirement of "Networking of libraries" to share the records (Shared Cataloging) among a cluster of libraries. Thus, it has been decided to use a common/single database for a group of libraries / branch libraries and a common search interface i.e. Web OPAC for Union Catalog kind of search. It will facilitate to avoid

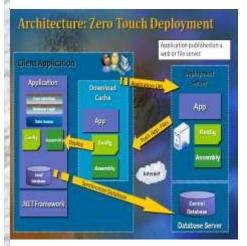
Fig.4:eG3.Architecture
the duplicate entries of catalogs and



other authority files data such as Authors, Publishers, Subjects, etc. Every record is identified by the Unique LI-BRARY CODE which is assigned uniquely to each and every participating libraries in the cluster.

Besides, it has been decided to make it

a 3-tiers application as given be-



low:-

- Presentation Layer Windows Forms (WPF)
- Business Logic Layer (BLL)
- Data Access Layer (DAL)

To make the application ready for WAN Based data entry also, it has been decided to use WCF technology (Windows Communications Foundation) which wraps the DLL and DAL Layers in it and is installed on the Server PC. At one end, WCF layer make connection to the back-end database (MS SQL Server 2005) specified in the "Web.Config" while on the other end, it serves to the Front-end data entry program of e-Granthalaya.

For Deployment of the software



http://kblibrary.bih.nic.in/

<u>Libraries on</u>
<u>Internet which are</u>
<u>using e-Granthalaya</u>
<u>Software</u>

State Cental Library, Shillong, Meghalaya

http://164.100.15 0.131/OPAC/ welcome.asp



# ..E-GRANTHALAYA

on client PCs, "Click-Once" technology has been used which deploys the application direct on to the client PCs. This technology is also useful in updation of the client software automatically whenever latest updates are there on the web site. This features is very popular among software users are very useful for automatic updation of the data entry program.

# 13. Team and Committees

#### Project Director:

Sh M Moni, DDG(NIC) (Moni@nic.in)

#### Project Manager:

Sh P K Upadhyay,

Technical Director (pku@nic.in)

#### Project Leader (NIC HQ):

Sh Ram Kumar Matoria,

Technical Director (<a href="mailto:rkmatoria@nic.in">rkmatoria@nic.in</a>)

# <u>Project Leader</u> (NIC Bangalore):

Sh P S Bhat,

Technical Director (psbhat@nic.in)

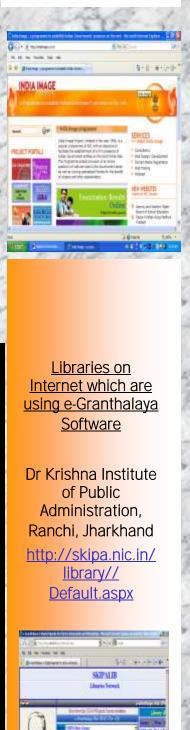
#### Developer:

Sh Rama Kumar Matoria, TD

Sh Ramakrishna Kumar, Sc 'SB'

Sh Sushant Panigrahi, Scientist B

Advisory Committee	
Chairman	Sh M Moni, DDG(NIC)
Member Convener	Sh P K Upadhyay, Technical Director, NIC Hq, New Delhi
Members	Dr Jagdish Arora, Di- rector, I NFLI BNET
	Sh S K Rastogi, Acting Director, NI SCAI R
	Sh A Venkatesan, SIO, Karnataka State Centre of NIC, Bangalore
	Sh M R Rajgopalan, Di- rector, C-DAC, Chennai
	Dr H K Kaul, Director, DELNET, New Delhi
	Prof. M MAhapatra, Head, DLIS, Utkal Uni- versity, Bhubeneshwar
	Dr Harish Chandra, Librarian, IIT Chennai
	Sh Subhash Deshmukh,
	Librarian, IP University, Delhi
	Dr A R D Prasad, Prof. DRTC Bangalore
	Sh S S Pownikar, Li- brary Officer, C-DAC, Pune
	Sh Anirudh Srivastava, Microsoft Corp (India), New Delhi



### ..E-GRANTHALAYA

Technical Committee		
Chairman	A Venkatesan, STD, NIC, Bangalore	
Member Convener	Sh Ram Kumar Matoria, Technical Director, NIC Hq, New Delhi	
Members	Sh P S bhat, Technical Director, NI C, Bangalore	
	Sh PK Upadhyay, Techni- cal Director, NIC -	

# 14. Why e-Granthalaya Free?

Now the question comes that how we can automate these large number of libraries exist in India,? Can we automate, for example, 54000 public libraries using a commercial software which costing 2 - 4 lakhs per library? Keeping in view the large number of Public and Government libraries in India and also the high cost of commercial software, it becomes imperative to provide a zero-cost software along with free support, training and services. There is no such a designated agency in India, either Governmental, Professional or Private, which can provide a free software and services to these libraries. Central Governments as well as State Governments seems no serious for Indian Libraries development. Similarly, professional bodies in LIS always engaged in over-glorifying the profession and not provided the solution / tools even after 35 years of Post -Ranganathan era. Also, there are many Library Networks (DELNET, ADINET, CALIB-NET, PUNENET, MYLIBNET, IN-FLIBNET, etc) in existence, however, very few provide the library services in a network environment. The simple reason is that these networks have not developed any tool/software to automate the Indian libraries and provide the services to them, they are financially poor and thus can not purchase commercial tools also. So, at NIC it had been decided to develop a good library automation software and to provide the same at zero cost to the Indian libraries. Moreover, we understand that the libraries are non-profit making and social institutions and serve the society for its development.

#### 15. Standards Followed

While designing the e-Granthalaya Software, it has been kept in mind the workflow used in the Indian libraries while processing the records in books and serials acquisition. Also it has been tried to make the application well integrated, no need of duplication



	although the second	
S N	Library Automation Software	
1.	LibSys	
2.	Alice For Window	
3.	SLIM	
4.	Autolib	
5.	EasyLibSoft	
6.	Gyanodaya	
7.	Libra 2000	
8.	Librarian	
9.	Libris	
10	LibSuite	
11	Nalanda	
12	NewGenLib	
13	NexLib	
14	SOUL	
15	SWIRL	
16	VTLS	
17	CDS/ISIS	
18	DelDOS / DelPlus	

A PROFILE: 2010

# .E-GRANTHALAYA

data, even across the participating libraries in a common database.

Besides, as there are many international standards prevalent in the field, so it has been decided to make use of such standards like AARC2, MARC21, UNICODE, etc. The software does not impose any catalog standard, although, the data entry of the catalog records are inclined towards the AACR2, an international standard for Cataloging. While designing the software, it has also been kept in view the fields/data elements suggested by the AACR2/MARC standards are included in the internal structure of the database to make it compliant with MARC 21 while making output (Export) and import options.

Keeping in view the common search of the library catalogs within the cluster of libraries as well as across the cluster, it has been decide to make use of the current technology from Microsoft i.e. SRW (Search and Retrieve Web service) which aims to integrate access to various networked resources, and to promote interoperability between distributed databases, by providing a common utilization framework. SRW is a web-service-based protocol which is regarded as the big brother of implementation of the

Z39.50 Information Retrieval protocol with recent developments in the web technologies arena. SRW features both SOAP and URL-based access mechanisms (SRU) to provide for a wide variety of possible clients ranging from Microsoft's .Net initiative to simple Javascript and XSLT transformations. It leverages the CQL query language which provides a powerful yet intuitive means to formulate searches.

The protocol mandates the use of open and industry-supported standards XML and XML Schema, and where appropriate, XPath and SOAP. SRW has been developed by an international team, minimizing cross-language pitfalls and other potential internationalization problems

# **16. Distribution Policy**

As mentioned elsewhere in this document, the e-Granthalaya and its companion software i.e. News-NIC are being distributed at zero cost to the libraries. Not only the software, but training, support and up-gradation also are being provided free. The support is given for installation and trouble-shooting if any. The users of the



	O ALLENT WASTERNA
S N	Digital Library Software
1.	Greenstone
2.	DSpace
3.	E-Prints
4.	Fedora
5.	CDSWare
6.	
7.	
8.	
9.	
10	
11	
12	
13	
14	
15	
16	
17	
18	

### . E - G R A N T H A L A Y A

software are asked to contact the NIC tence to share the messages state and district co-ordinators for get-lamong the ting help. However, we make it clear to Granthalaya web the users of the software to have the egranthalaya.nic.in) AMC of Hardware/OS, etc from any source of the information about local vendor. In many cases, the users have given the AMC of e-Granthalaya also to the local vendor.

# 17. Training and Support

NIC organizes regular training of 3days duration for e-Granthalaya and NewsNIC users in various centres of the NIC. Many of the training have also been organized by the Users organization or some other Government Departments. Users of the software may also organize training in their respective organization where faculty from NIC participates for the benefit of the users. Besides, One-Day seminars, DEMO, and e-Learning Session are also organized for the software users.

S.	Year	No. Train-	Participants
N		ing	
1	2005	5	96
2	2006	6	178
3	2007	9	286
4	2008	12	310
5	2009	14	435

.Fig.5: List of Training organized

An e-Granthalaya mail forum (https://lsmgr.nic.in/mailman/listinfo/ egranthalaya forum ) is also in exis-

users. The (http:// is a good the software and is a medium to distribute the Updates of the software. The web site publishes the list of the e-Granthalaya and NewsNIC users also.

#### **Modules**

Administration

**Books Acquisition** 

Cataloging

Circulation

Articles Indexing

Serials management

**Budgets** 

Search

Web OPAC

#### 18. Specials Features

- Multi-lingual, UNICODE compliant database
- Stand-Alone/ LAN / WAN based data entry solution
- Covered all in-house activities and user services
- Common database for cluster of libraries
- Common web based search interface (Web OPAC)
- Authority files for common

Dr. S. R. Ranganathan (1892-1972) was perhaps the greatest librarian of the 20th century. As an educator, librarian and thinker, his contributions to the field of library science surpassed all others, and placed the country of India permanently on the world library stage

### ..E-GRANTHALAYA

data e.g. Authors, Publishers, Subjects, Type of Documents, etc

- Member Registration with unique entitlement and due days
- Single form for circulation of all kinds of documents and Inter Library Load(ILL)
- Bar Code generation facility
- Automatic generation of journals Schedule
- Reminders for overdue and non-receipt of journals
- Circulation Transactions
- Retro-Conversion for books and bound volumes of journals
- Send orders / reminders by email
- Articles / chapters indexing
- Full text digital repositories of articles/news/chapters, etc
- Catalog cards printing
- User friendly reports
- Database backup utility built-in

#### 19. System Requirements

**Server PC** with Min 2 GB RAM ,Backup device , LAN/ Internet Connectivity.

OS: Windows Server 2003/2008

DBMS: MS SQL Server 2005

Client PCs with Min 1 GB RAM, Windows XP/Vista with LAN/Internet Connectivity

For **Statnd-Alone** Mode, e-Granthalaya can be implemented on a Single Windows XP/Vista PC where free MS SQL Server 2005 (Express Ed) is used.

# 20. Implementation Modes

Stand-Alone Mode
Client/Server Mode
LAN Based Connectivity
WAN Based Connectivity

#### 21. Users Statistics

e-Granthalaya and NewsNIC software users belong to all kinds of categories like Academic, Governmental, public and Corporate libraries. In the Academic sectors, the users are school, colleges, universities and other institutions libraries. The software is being used in the offices of the State as well as Central Government ministries and departments.

S.N.	Year	No of Installation
1.	2003	6
2.	2004	18
3.	2005	30
4.	2006	209
5.	2007	73
6.	2008	215
7.	2009	250
8.	2010	150+

Fig.6: List of Installations



Dr. Ranganathan made two indispensable contributions to the library profession: the Five Laws of Library Science (1931) and Colon Classification (1933). Besides these two major contributions, Ranganathan also studied a wide variety of library topics, including the education of librarians, library administration and organization, reference services, and collection management, among others

### ..E-GRANTHALAYA

S.	Live Web OPAC
N. 1.	DCI Librarias bitto //
1.	BSI Libraries <a href="http://demotemp373.nic.in/Default.aspx">http://demotemp373.nic.in/Default.aspx</a>
2.	BPRD Library
	•
	http://egranthalaya.nic.in/
3.	bprd_demo/welcome.asp Dept of Revenue, Min of Finance,
٥.	GOID
	http://finmin.nic.in/revgranth/
4.	welcome.asp Finance Commission Division, Min
٦.	of Finance, GOI
	http://finmin.nic.in/fcdgranth/welcome.asp
5.	Haryana Civil Sectt. Library
٥.	•
	http://web1.hry.nic.in/library/
6.	HP Sectt. Library
	http://admis.hp.nic.in/hplib/
7.	ICAR Library
	http://demotemp339.nic.in/
	welcome.asp
8.	NIC Hq Library
	http://mcitconsortium.nic.in/niclib/
	welcome.asp
9. NIC, Hyderabad Library	
http://www.ap.nic.in/library/	
	welcome.asp
10	Ministry of Earth Sciences, GOI
	http://librarymoes.nic.in/
11	NEC Shillong
	http://necouncil.gov.in/Granth2/
	welcome.asp
12	State Central Library, Shillong
http://164.100.150.131/OPAC	
	welcome.asp
13	NIC Lucknow, UP
	http://lasp.up.nic.in/
14	Rajya Sabha Sectt Libray, GOID
	-
	http://164.100.24.186/library/
<u> </u>	welcome.asp

Fig.7: List of Web OPAC on NIC Server

### 22. Future Developments

As a matter of fact, software development is a continuous process and never ends. We regularly upgrades the software in terms of new / updated process or forms, incorporates new utilities, changes suggested by the users, requirements of new technology and environments., etc. The following utilities will be added soon:

- Export / Import Interface to / from MARC21, MARCXML, ISO:2709
- Interface for federated searches across the e-Granthalaya databases and other library software databases based on Z39.50 concepts using SUU/SRW technology
- SIP2 Interface for RFID integration will be designed
- Import of Catalog Records from Other sources and Internet
- Online Issue/Return/ Reserve utilities
- Setting parameters for circulation for different categories of reading materials
- Administration of Binding of loose issues of journals
- Provision for search limits and search refinement in the Web OPAC



DR. S. R. RANGANATHAN'S **FIVE LAWS OF LIBRARY** SCIENCE: THEIR RELEVANCE **AND IMPERATIVES IN THE CONTEXT OF MODERN INFORMATION** TECHNOLOGY\*Mohammad Azeem Siddiqui, Research Scholar, Babasaheb Bhimrao Ambedkar University (A Central University), Lucknow.Dr. Shiyali Ramamritra Ranganathan, who is often regarded as the Father of Library Science, was born in Shiyali, a small village in the Tanjavoor district of present Tamilnadu on 9th August (date current in official use is 12th August)1 1982. Dr. S. R. Ranganathan was a library scientist par excellence. He aims to apply scientific method to different areas of library science. In the context of library science, Dr. S. R. Ranganathan conceived the Five Laws of Library Science in 1924. The statements embodying these laws were formulated in 1928; i.e. the laws took final form in 1928.

# .E-GRANTHALAYA

- Provision to support multiple metadata formats like Dublin Core, EAD, etc.
- Provision for building of an OAI-PMH compliant institutional repository
- Provision for alert service through mobiles devices
- Provision for RSS feed
- Addition of more data elements/ fields in the back end database

# State - Wise List of Users

S.N.	State	No of Users
1.	Delhi	180
2.	Maharashtra	114
3.	UP	48
4.	MP	45
5.	Haryana	35
6.	Karnataka	29
7.	Bihar	27
8.	Kerala	25
9.	Rajasthan	25
10.	Punjab	24
11.	Meghalaya	21
12.	Gujrat	21
13.	Tamilnadu	20
14.	AP	17
15.	Assam	16
16.	Uttrakhand	13
17.	Orissa	12
18.	HP	11
19.	WB	10
20.	Jharkhadn	10
21.	Goa	7

S.N	State	No of Users
22	Chhatisgarh	7
23.	J & K	5
24.	Daman & Diu	3
25.	A & N Island	3
26.	Arunachal Pradesh	3
27.	Tripura	3
28.	Nagaland	3
29.	Mizoram	3
30.	Manipur	2
31.	Pondicherry	2
32.	Dadar & Nagar Haveli	2
33.	Lakshdweep	2
34.	UAE	3
35.	Nepal	3

# List of Users

Abhilashi College of Education, Distt.: Mandi, HP

Academy of Architecture, Mumbai, Maharashtra

Adarsha Comprehensive College of Education and Research, Pune, Maharashtra

<u>Additional Director General of Prisons, Ahmedabad, Gujrat</u>

<u>Additional Director General of Prisons, Bangalore, Karnataka</u>

Additional Director General of Prisons, Bhubeneshwar, Orissa

Additional Director General of Prisons, Chennai, Tamilnadu



Dr. S. R. Ranganathan's Five Laws of Library Science was published in 1931. This is a classic work, which describes in detail the Five Laws of Library Science and their implications. These laws have provided a scientific approach to library science. They constitute the philosophical basis for work and services of all types of libraries. These laws have been accepted as the basis of library science. The Five Laws of Library Science2 enunciated by Dr. S. R. Ranganathan seventy five years back are as follows: -1. Books are for use.2. Every reader his/her book.3. Every book its reader.4. Save the time of the reader.5. A Library is a growing organism

C. MILLER

### . . E - G R A N T H A L A Y A

<u>Additional Director General of Prisons,</u> <u>Kaithu, Shimla, HP</u>

Additional Director General of Prisons, Thiruvananthapuram, Kerala

Aditya Institute of Technology, New Delhi, Delhi

<u>Administrative Training Institute , Mysore,</u> Karnataka

Administrative Training Institute, Government of West Bengal, Kolkata, WB

Administrative Training Institute, Patna, Bihar

AEC Training College and Centre, Minsitry of Defense, GOI, Panchmarhi, MP

Aikya Bharatham Vayanasala and Grandsala, Allappuzha, Kerala

<u>Air Force School & Jr. College, Pune, Maharashtra</u>

<u>Al Yasmin International School, Riyadh, UAE</u>

All India Institute of Local Self-Government, Mumbai, Maharashtra

ALTTC Centre, Ghaziabad, UP

Ambedkar Institute of Technology, Delhi, Delhi

<u>Amrita School of Engineering, Coimbatore,</u> Tamilnadu

Andaman & Nicobar Regional Centre (ANRC), Port Blair, A & N I slands

Angel Polytechnic, Verna, Goa

<u>Anna University Coimbatore, Coimbatore,</u> Tamilnadu ATI, Mysore, Karnataka

ATMIYA Institute of Technology and Science, Rajkot, Gujrat

Atomic Energy Central School, Indore, MP

Authority for Advance Ruling, New Delhi, Delhi

Ayyanavar Library and Reading Room, Peeumpazhathoor, Kerala

Azad Institute of Engineering and Technology, Lucknow, UP

<u>Azad Institute of Pharmacy and Research</u>, Lucknow, UP

B N College, Ashok Rajpath, Bihar

<u>B R A, Bihar University, Muzzafarpur,</u> Bihar

B R Nahata College of Pharmacy, Mandsaur, MP

<u>Bachelor of Social Work College, Belgaum, Karnataka</u>

Banking Division Library, New Delhi, Delhi

BCM Arya Model Senor Secondary School, Ludhiana, Punjab

Bhagwan College of Homeopathy, Aurangabad, Maharashtra

<u>Bhai Parmanand Institute of Business</u> <u>Studies, New Delhi, Delhi</u>

<u>Bhai Vir Singh Sahitya Sadan, Delhi,</u> Delhi



Open-source software (OSS) is computer software that is available in source code form for which the source code and certain other rights normally reserved for copyright holders are provided under a software license that permits users to study, change, and improve the software. Open source licenses often meet the requirements of the Open Source Definition. Some open source software is available within the public domain. Open source software is very often developed in a public, collaborative manner. Opensource software is the most prominent example of opensource development and often compared to usergenerated content.[11] The term open-source software originated as part of a marketing campaign for free software.[2] A report by Standish Group states that adoption of open-source software models has resulted in savings of about \$60 billion per year to consumers.[3][4]

### ..E-GRANTHALAYA

Bharat Heavy Electrical Limited (BHEL), Piplani, MP

<u>Bharat Heavy Electricals Limited (BHEL),</u> <u>Hyderabad, AP</u>

<u>Bharat Sanchar Nigam Limited (BSNL), New</u> Delhi, Delhi

Bharat Vidyalaya, Tal. Shahabag, Pune, Maharashtra

<u>Bhogawati Mahavidyalaya, Kurukali, Maharashtra</u>

Bihar State Archives, Patna, Bihar

<u>Birsa Institute of Technology, Ranchi,</u> <u>Jharkhand</u>

Border Security Force (BSF), New Delhi, Delhi

<u>Botanical Survey of India, Eastern Circle, Shillong, Meghalaya</u>

Botanical Survey of India, Shillong, Meghalaya

<u>Brahamanand Public School, Bulandsha-har, UP</u>

Brahma Vidya Library, Shillong, Meghalaya

Business Today, New Delhi, Delhi

<u>C T Institute of Engineering, Management</u> <u>and Technology, Jalandhar, Punjab</u>

<u>Cabinet Secretariat, GOI, New Delhi, Delhi</u>

CBI Academy, Ghaziabad, UP

C-DAC, Bangalore, Karnataka

C-DAC, Hyderabad, AP

C-DAC, Mohali, Haryana

<u>Central Bureau of Investigation (CBI),</u> <u>NEw Delhi, Delhi</u>

<u>Central Design Organization , CPWD,</u> New Delh<u>i , Delhi</u>

<u>Central Electricity Regulatory Commission</u>, Delhi, Delhi

<u>Central Ground Water Board (CGWB),</u> Faridabad, Haryana

<u>Central India Pharmacopoeia Labora-</u> <u>tory, Ghaziabad, UP</u>

<u>Central Industrial Security Force</u> (CLSF), New Delhi, Delhi

<u>Central Insects Laboratory, Faridabad,</u> Haryana

<u>Central Police Radio Training Institute,</u> New Delhi, Delhi

<u>Central Pollution Control Board (CPCB),</u> Delhi, Delhi

<u>Central Regional Centre (CRC), Ja-balpur, MP</u>

<u>Central Reserve Police Force (CLSF),</u> New Delhi, Delhi

Central Reserve Police Force, New Delhi, Delhi

<u>Central Social Welfare Board, New Delhi, Delhi</u>

<u>Central Soil & Materials Research Lab,</u> <u>Delhi, Delhi</u>

<u>Central Training College - III,</u> Nanded, Maharashtra



It is sometimes said that the open source development process may not be well defined and the stages in the development process, such as system testing and documentation may be ignored. However this is only true for small (mostly single programmer) projects. Larger, successful projects do define and enforce at least some rules as they need them to make the teamwork possible [34][35]. In the most complex projects these rules may be as strict as reviewing even minor change by two independent developers[36].

# ..E-GRANTHALAYA

<u>Central Training College II, CRPF, Avadi,</u> <u>Chennai, Tamilnadu</u>

May Comment

<u>Central University of Punjab, Bathinda,</u> Punjab

Central Zone Library, Bangalore, Karnataka

<u>Centre for Materials for Electronic Tech-</u> <u>nology (C-MET), Pune, Maharashtra</u>

<u> Chennai Port Trust, Chennai, Tamilnadu</u>

Chennai Port Trust, Chennai, Tamilnadu

<u>Chhatrapati Shivaji Maharaj Vastu Sangra-</u> halaya , Mumbai, Maharashtra

<u>Chief of Police</u>, <u>Silvassa</u>, <u>Dadar & Nagar</u> Haveli

<u>Chief Secretary of Government of Sikkim,</u> Gangtok, Sikkim

City Central Library, Bangalore, Karnataka

Civil Aviation Secirity, New Delhi, Delhi

<u>Collectorate/ DM/IG Prisons , Silvassa,</u> <u>Dadar & Nagar Haveli</u>

<u>College of Agriculture, Bheemarayanagudi,</u> Karnataka

<u>College of Agriculture, Bheemarayanagudi, Karnataka</u>

College of Commerce, Patna, Bihar

<u>Colletor of North Goa-cum-Inspector General of Prisons</u>, Panji, Goa

<u>Commissioner of Police HQ, New Delhi,</u> <u>Delhi</u>

Commissioner (Home)/Ex-Officio IG Prison, Itanagar, Arunachal Pradesh <u>Delhi Police Headquarters Library, New</u> Delhi, Delhi

<u>Department of Agriculture & Co-</u> <u>Operation, New Delhi, Delhi</u>

<u>Department of Biotechnology and Bio-</u> Informtics Centre, Bhopal, MP

<u>Department of Consumer Affairs, Ministry of Consumer Affairs, Food &</u>
Public Distribution, New Delhi, Delhi

<u>Department of Delhi Archives, Govern-</u> <u>ment of NCT of Delhi, New Delhi,</u> Delhi

<u>Department of Food and Public Distribution, New Delhi, Delhi</u>

Department of Information Technology, New Delhi, Delhi

<u>Department of Revenue, New Delhi,</u> <u>Delhi</u>

<u>Desaposhni Public Library, Kozhikode,</u> Kerala

<u>Desert Regional Centre (DRC), Jodh-</u> <u>pur, Rajasthan</u>

DG & IG of Prisons & DCS, Chanchalguda, Hyderabad, AP

<u>Direct Taxes Regional Training Institute</u>, Kolkata, WB

<u>Director General and LG of Prisons ,</u> <u>Bhopal, MP</u>

<u>Director General and LG of Prisons,</u>

JAipur, Rajasthan

<u>Director General of Police, Agartala, Tripura</u>

<u>Director General of Police, Aizwal,</u> <u>Delhi Milk Scheme, New Delhi, Delhi</u>



Open Source Software are free applications released under special licensing terms where the core coding is viewable and able to be edited to suit the needs of the user.

Basically, an author or company creates an application then releases it for free distribution, sometimes in co-ordinated projects where it can be further developed by a community of programmers, working individually or in teams, to further refine the product. Sometimes thousands of programmers are involved.

Open Source applications cover a myriad of uses - from entertainment to enterprise ecommerce. In fact, there's a very good chance that the server your site is hosted on may be powered entirely or in part by Open Source products.

# ..E-GRANTHALAYA

<u>Director General of Police, Bangalore, Karnataka</u>

Director General of Police, Bhopal, MP

<u>Director General of Police, Chandigarh,</u> <u>Chandigarh</u>

<u>Director General of Police, Chandigarh,</u> Punjab

<u>Director General of Police, Chennai, Tamil-nadu</u>

<u>Director General of Police, Gandhinagar,</u> Gujrat

<u>Director General of Police, Gangtok, Sikkim</u>

Director General of Police, Guwahati, Assam

Director General of Police, Hyderabad, AP

<u>Director General of Police, Imphal, Manipur</u>

<u>Director General of Police, Itanagar, Arunachal Pradesh</u>

<u>Director General of Police, Jaipur, Rajast-</u> <u>han</u>

<u>Director General of Police, Kohima, Na-</u>galand

Director General of Police, Kolkata, WB

Director General of Police, Kuttack, Orissa

Director General of Police, Lucknow, UP

<u>Director General of Police, Mumbai, Ma-</u> harashtra

<u>Director General of Police, Panchkula,</u> <u>Haryana</u>

Director General of Police, PAnji, Goa

<u>Director General of Police, Patna, Bi-har</u>

<u>Director General of Police, Port Blair,</u> A & N Islands

<u>Director General of Police, Shillong,</u> Meghalaya

Director General of Police, Shimla, HP

<u>Director General of Police, Srinagar, J</u> <u>& K</u>

<u>Director General of Police, Thiruvan-thapuram, Kerala</u>

<u>Director General of Prisons , New Delhi, Delhi</u>

<u>Director General of Prisons, Chandi-garh, Punjab</u>

<u>Director General of Prisons, Kohima,</u> <u>Nagaland</u>

<u>Director General of Prisons, Lucknow,</u> <u>UP</u>

<u>Director General of Prisons, Punchkula,</u> Haryana

<u>Director General of Prisons, Raipur,</u> Chhattisgarh

<u>Director General of Prisons, Srinagar,</u>
<u>J & K</u>

<u>Director General, Jail Headquarters,</u> Raipur, Chhattisgarh

<u>Directorate General of Home Guards</u> and Civil Defence, New Delhi, Delhi

<u>Directorate General of Supplies and</u> <u>Disposals (DGS&D), New Delhi, Delhi</u>

Directorate of Co-Ordination and Po-



An Online Public Access
Catalog (often abbreviated as
OPAC or simply Library
Catalog) is an online database
of materials held by a library
or group of libraries. Users
typically search a library
catalog to locate books,
periodicals, audio/visual
materials or other items
under control of a library

### ..E-GRANTHALAYA

lice Wireless, New Delhi, Delhi

<u>Directorate of Economics and Statistics,</u> New Delhi, Delhi

<u>Directorate of Extension, Department of Agriculture and Co-Operation, New Delhi, Delhi</u>

Directorate of Extension, New Delhi, Delhi

<u>Directorate of Forensic Science, New Delhi,</u> Delhi

Directorate of Information and Publications of Agriculture , New Delhi, Delhi

<u>Directorate of Information and Publications</u> of Agriculture, New Delhi, Delhi

<u>Directorate of Naval Intelligence, New</u> Delhi, Delhi

<u>Directorate of Wheat Development (DWD),</u> <u>Ghaziabad, UP</u>

District and Session Court, Gangtok, Sikkim

<u>District Council of Child Welfare, Panch-</u> kula, Haryana

<u>District Library, Kalpetta, Kerala</u>

Distt. E Library Sirsa, Sirsa, Haryana

<u>Division Of Agriculture Extention , New</u> Delhi, Delhi

<u>Don Bosco Institute of Technology</u>, <u>Mumbai, Maharashtra</u>

<u>Dr Bhima Rao Ambedkar Police Academy,</u> Moradabad, UP

<u>Dr K R Narayanan Centre for Dalit and Minorities Studies, Jamia Milia Islamia, New i</u>

<u>Dr L H Hiranandani college of Pharmacy, Thane, Maharashtra</u>

<u>Dr Ram Manohar Lohia , Nanded, Ma-</u> harashtra

<u>Dr Robert Heilig Library</u>, JAipur, Rajasthan

<u>Dr. Rajendera Prasad Govt. Medical</u> College, Tanda, HP

<u>Dr. Ram Manohar Lohia Hospital, New</u> <u>Delhi, Delhi</u>

<u>Dronacharya College of Engineering,</u> <u>Greter Noida, UP</u>

<u>Dronacharya College of Engineering,</u> <u>Gurgaon, Haryana</u>

<u>Dyal Singh Public Library, New Delhi,</u> Delhi

<u>Eastern Biological Station, Zoological</u> Survey of India, Ganjam, Orissa

<u>Eastern Regional Centre (ERC), Shillong, Meghalaya</u>

Educational Consultants India Limited, NOIDA, UP

<u>Elder Pharmaceutical Limited , Mumbai, Maharashtra</u>

Embassy of India, Kathmandu, Nepal, Nepal

Embassy of India, Kuala Lumpur, Malaysia, Kuala Lumpur, MAlaysia, Malaysia

<u>Engineering College, Barliya Chouraha,</u> Rajasthan

Enter Technology Pvt Limited, Chennai, Tamilnadu



#### NEXT-GENERATION CATALOGS

The newest generation of library catalog systems are distinguished from earlier OPACs by their use of more sophisticated search technologies, in particular faceted search, and features aimed at greater user interaction and participation with the system, including tagging, reviewing, and RSS feeds.

These newer systems are usually, although not always, independent of the integrated library system, with modules or drivers that allow for the synchronization of data between the two applications. While older online catalog systems were almost exclusively built by ILS vendors, libraries are increasingly turning to next generation catalog systems built by enterprise search companies and open source projects led by libraries themselves. However, the large costs associated with these new systems has significantly hindered their adoption.

Q. J. C. L. R.

## ..E-GRANTHALAYA

<u>Estuarine Biological Centre (EsBC), Ganjam,</u> <u>Orissa</u>

<u>Feroz Gandhi Institute of Engineering and</u> Technology, Raebareli, UP

<u>Finance Commission Division, Ministry of</u>
Finance, New Delhi, Delhi

<u>First Secretary (PLC), Embassy of India,</u> Kathmandu, Nepal

Food Corporation of India, New Delhi, Delhi

Food Research and Standardization Laboratory, New Delhi, Delhi

<u>Forensic Science Laboratory, New Delhi,</u> Delhi

<u>Foster College of Homeopathy, Aurangabad,</u> Maharashtra

Freshwater Biological Centre (FBC), Hyderabad, AP

Future Institute of Engineering and Management, Sonarpur, WB

<u>G N Khalsa College BMS/BMM Department,</u> Mumbai, Maharashtra

G.V. Aacharya College of Engineering, Shelu, Maharashtra

<u>Gangetic Plains Regional Centre (GPRC),</u> Patna, Bihar

GENE Compaign, New Delhi, Delhi

<u>Gian Jyoti Institute Of Management &</u> <u>Technology, Mohali, Punjab</u>

<u>Giani Zail Singh College of Engg. & Tech,</u> <u>Bathinda, Punjab</u>

Girls' Polytechnic, Bamunimaidam, Gauhati,

Global Institute of Technology and Management (GIMT), Gurgaon, Haryana

<u>Goa College of Home Science, Panji, Goa</u>

Gopichand Arya Mahila College, Abohar, Punjab

<u>Gopichand Arya Mahila College,</u> Abohar, Punjab

Government Arts and Science College, Aurangabad, Maharashtra

<u>Government Arts College, Bangalore,</u> <u>Karnataka</u>

<u>Government B J Medical College, Pune,</u> <u>Maharashtra</u>

Government Bhausaheb Hire Medical College, Dhule, Maharashtra

<u>Government chatrapati Shivaji Medical</u> College, Kolhapur, Maharashtra

<u>Government College of Education , Au-rangabad, Maharashtra</u>

Government College of Engineering, Aurangabad, Maharashtra

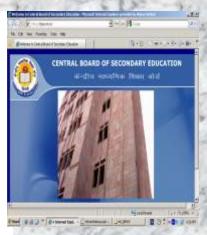
Government College of Pharmacy, Aurangabad, Maharashtra

Government Dental College and Hospital, Nagpur, Maharashtra

Government Dental College and Hospital, Mumbai, Maharashtra

<u>Government Dental College, Aurangabad, Maharashtra</u>

<u>Government Dr Vaishampian Medical</u> <u>College, Solapur, Maharashtra</u>



#### UNION CATALOGS

Although library catalogs typically reflect the holdings of a single library, they can also contain the holdings of a group or consortium of libraries. These systems, known as union catalogs, are usually designed to aid the borrowing of books and other materials among the member institutions via interlibrary loan. The largest such union catalog is WorldCat, which includes the holdings of over 10,000 libraries worldwide.

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## ..E-GRANTHALAYA

<u>Government Engineering College, New Delhi,</u> <u>Delhi</u>

LANGE TO LANGE

<u>Government Fine Arts College, Aurangabad,</u> <u>Maharashtra</u>

<u>Government First Grade College, Gadag,</u> Karnataka

<u>Government First Grade College, Shahapur, Karnataka</u>

<u>Government G T Hospital , Mumbai, Ma-</u> <u>harashtra</u>

<u>Government Grant Medical College, Mumbai,</u> <u>Maharashtra</u>

Government Indira Gandhi Medical College, Nagpur, Maharashtra

<u>Government Institute of Advance Studies in</u> <u>Education, Bikaner, Rajasthan</u>

<u>Government Kamla Mody Mahila College,</u> Nee-Ka-Thana, Rajasthan

<u>Government Medical College, Akola, Ma-harashtra</u>

Government Medical College, Aurangabad, Maharashtra

<u>Government Medical College, Latur, Maharashtra</u>

<u>Government Medical College, Miraj, Maharashtra</u>

<u>Government Medical College, Miraj, Maharashtra</u>

<u>Government Medical College, Nagpur, Maharashtra</u>

<u>Government Medical College, Nanded, Maharashtra</u>

Government Nursing Institute, J J Hospital, Mumbai, Maharashtra

<u>Government Polytechnic College, Chittorgarh, Rajasthan</u>

<u>Government Polytechnic College, Khurai</u> (Distt. Sagar), MP

Government Polytechnic, Aurangabad, Maharashtra

Government Polytechnic, Goa, Goa

<u>Government Science Institute , Aurangabad, Maharashtra</u>

Government St. Georges Hospital, Mumbai, Maharashtra

<u>Government Vasantrao Naik Medical</u> College, Yeotmal, Maharashtra

<u>Govt. First Grade College, Banavara, Karnataka</u>

Govt. RC College, Bangalore, Karnataka

<u>Grameena Grandhalayam, Kozhikode,</u> Kerala

Gujrat High Court, Ahmedabad, Gujrat

<u>Gujrat Legislature Assembly, Gandhi-nagar, Gujrat</u>

<u>Gujrat Police Academy, Gandhinagar,</u> Gujrat

<u>Guru Angad Vetrinary & Animal Scinces</u> <u>University, Ludhiana, Punjab</u>

Guru Gobind Singh Khalsa College for Women, Ludhiana, Punjab

<u>Guru Nanak Dev Engineering College,</u> Ludhiana, Punjab



#### PROPRIETARY

This list is incomplete; you can

AquaBrowse Encore

Primo

<u>Visualizer</u>

<u>Endeca</u>

Presto

 LS2 Pac (software) The Library Corporation

Enterprise - SirsiDynix

**Bibliocommons** 

- LS2 (TLC)
- Simorgh (NOSA)

WebView (OCLC, For use with OLIB systems)

TouchPoint (OCLC)

Worldcat Local (OCLC)

## ..E-GRANTHALAYA

<u>Guwahati High Court, Gauhati , Assam</u>
<u>H P Police Training College, Kangra, HP</u>

LAWY TO THE

Haribhau Upadhyay Mahila Shikshak Mahavidyalaya Shikshak Sansthan, Hatundi, Rajasthan

<u>Haryana Police Academy, MAdhuban, Haryana</u>

Haryana Police Academy, Madhuban, Haryana

<u>Hashu Advani College of Special Education,</u> <u>University of Mumbai, Mumbai, Maharash-</u> tra

HCL Technologies Ltd, Noida, UP

<u>Hidayutulla National Law University, Raipur,</u> <u>Chhattisgarh</u>

<u>High Altitude Zoology Field Centre</u> (HAZFC), Solan, HP

<u>High Commission of Endia, Dhaka, Bangla-</u> <u>desh, New Delhi, Delhi</u>

<u>High Court of Chhattisgarh, Bilaspur,</u> <u>Chhattisgarh</u>

<u>High Court of Madhya Pradesh, Jabalpur,</u> MP

High Court of Sikkim, Gangtok , Sikkim

High Court of Uttrakhand, Nainital, Uttrakhand

Hindi Academy, Delhi, Delhi

<u>Home Guards, New Delhi, Delhi</u>

HT Media Limited, New Delhi, Delhi

Human Resources Development Group, CSIR

ICSSR-NERC, Norht - Eastern Regional Centre, Shillong, Meghalaya

IGNOU Regional Centre, Shillong, Meghalaya

Indian Archaeological Society, New Delhi, Delhi

Indian Business Academy, Arihant Education and Research Foundation, NOIDA, UP

Indian Electrical & Electronics Manufactures' Association , Mumbai, Maharashtra

Indian Grassland and Fodder Research Institute, Jhansi, UP

<u>Indian Institute of Enterpreneurship</u> (IIE), Gauhati, Assam

<u>Indian Institute of Information Tech-</u> nology and Management, Gwalior, MP

<u>Indian Institute of Management , Indore, MP</u>

<u>Indian Institute of Management , Indore, MP</u>

<u>Indian Institute of Soil Science, Bho-</u>pal, MP

Indian Renewable Energy Development Agency Limited (IREDA), New Delhi, Delhi

Indira Gandhi National Open University, New Delhi, Delhi

Indira Gandhi Sr. College, Shankarnagar, Maharashtra

<u>Indo Tibetan Border Force, New Delhi,</u> <u>Delhi</u>



#### OPEN-SOURCE CATALOG

Extensible Catalog
Book it!

Evergreen

Koha

<u>PMB</u>

**PhpMyLibrary** 

Omeka

SOPAC 2.0

Steve.museum

<u>VuFind</u>

All Comments

# ..E-GRANTHALAYA

INJ Business School, Greater NOIDA, UP

<u>Inspector General of Police, Daman, Daman</u> & Diu

Inspector General of Police & Prisons, Imphal, Manipur

<u>Inspector General of Prisons , Aizwal, Mizoram</u>

Inspector General of Prisons, Chandigarh, Chandigarh

<u>Inspector General of Prisons, Daman, Daman & Diu</u>

<u>Inspector General of Prisons, Dehradun,</u> <u>Uttrakhand</u>

<u>Inspector General of Prisons, Guwahati,</u> <u>Assam</u>

Inspector General of Prisons, Kolkata, WB

Inspector General of Prisons, Patna, Bihar

Inspector General of Prisons, Pondicherry, Pondicherry

<u>Inspector General of Prisons, Port Blair, A</u>
<u>& N Islands</u>

<u>Inspector General of Prisons, Pune, Maharashtra</u>

Inspector General of Prisons, Ranchi, Jharkhand

Inspector General of Prisons, Shillong, Meghalaya

Inspector General of Prisons, West Tripura, Tripura

<u>Institute for Human Development, New</u> Delhi, Delhi Institute of Archaeology, Ministry of Culture and Tourism, delhi Government, New Delhi, Delhi

<u>Institute of Correctional Administration</u>, Chandigarh, Chandigarh

<u>Institute of Correctional Administration</u>, Thiruvammthapuram , Kerala

Institute of Government Accounts and Finance, Department of Expenditure, Ministry of Finance, GOI, New Delhi, Delhi

Institute of Microbial Technology (IMT), Chandigarh, Chandigarh

Institute of Professional Education & Research, Bhopal, MP

Intelligence Bureau, New Delhi, Delhi

Inter - University Centre for Astronomy, UGC, Pune, Maharashtra

International Indian Public School, Riyadh, UAE

ITBP Academy, Mussoorie, Uttrakhand

<u>Jahanvis Multi Foundation's Jana Gana</u> <u>Mana CBSE School, Dhombivli, Mumbai,</u> <u>Maharashtra</u>

Jai Prakash University, Chhapra, Bihar

<u>Jail Staff Training School, Ahmeda-bad, Gujrat</u>

<u>Jail Training and Research Institute,</u>
<u>Bhopal, MP</u>

<u>Jail Training Centre, Sagar, MP</u>

Jail Training Institute, Kolkata, WB

Jail Training School, Patiala, Punjab



# Data entry assistance based on ISBN

Many applications can reduce a major portion of manual data entry by populating data fields based upon the entered ISBN using MARC standards technology via the internet.

E-Granthalaya will be one of them soon

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## ..E-GRANTHALAYA

#### Jails' Officers Training School, Yenvada,

Pune, Maharashtra

<u>Jain Vishwa Bharti University, Ladlul, Rajasthan</u>

Jamia Millia Islamia, New Delhi, Delhi

<u>Jammu and Kashmir High Court, Jammu, J</u> & K

Jansankhya Sthirta Kosh (National Population Stabilisation Fund), New Delhi, Delhi

<u>Jawahar Lal Nehru Police Academy</u>, <u>Sagar</u>, MP

<u>Jawahar Navodaya Vidayalaya, Bissam,</u> <u>Orissa</u>

<u>Jawahar Navodaya Vidayalaya, Nandipadu,</u> <u>AP</u>

<u>Jawahar Navodaya Vidayalaya, Pokhal, Ut-trakhand</u>

<u>Jawahar Navodaya Vidyalaya , Paddhari,</u> <u>Gujrat</u>

<u>Jawahar Navodaya Vidyalaya, Bajranggarh,</u> <u>MP</u>

Jawahar Navodaya Vidyalaya, Banda, UP

<u>Jawahar Navodaya Vidyalaya, Bhind, MP</u>

<u>Jawahar Navodaya Vidyalaya, Birkhadi</u> (Raun), MP

<u>Jawahar Navodaya Vidyalaya, Bishanpur,</u> <u>Begusarai, Bihar</u>

<u>Jawahar Navodaya Vidyalaya, Bokaro,</u> <u>Jharkhand</u>

<u>Jawahar Navodaya Vidyalaya, Bonga,</u> <u>Jharkhand</u> <u>Jawahar Navodaya Vidyalaya, Chamba,</u> HP

<u>Jawahar Navodaya Vidyalaya, Chan</u>dauli, UP

<u>Jawahar Navodaya Vidyalaya, Dhan-</u> bad, Jharkhand

<u>Jawahar Navodaya Vidyalaya, Dhungir</u> Purola, Uttarkashi, Uttrakhand

<u>Jawahar Navodaya Vidyalaya, Dhungir,</u> <u>Purola, Uttarkashi, Uttrakhand</u>

<u>Jawahar Navodaya Vidyalaya, Dhungir,</u> Uttrakhand

<u>Jawahar Navodaya Vidyalaya, Dongar</u> garh, Gujrat

<u>Jawahar Navodaya Vidyalaya, Dongar-</u> garh, Gujrat

<u>Jawahar Navodaya Vidyalaya, Dunetha</u> (U T of Daman) , Daman & Diu

<u>Jawahar Navodaya Vidyalaya,</u> <u>Fatehpur, UP</u>

<u>Jawahar Navodaya Vidyalaya, Ghat-tiya, MP</u>

<u>Jawahar Navodaya Vidyalaya, Kaluk-</u> heda, MP

<u>Jawahar Navodaya Vidyalaya, Kohima,</u> Nagaland

<u>Jawahar Navodaya Vidyalaya, Maharaj</u> Ganj, UP

<u>Jawahar Navodaya Vidyalaya, Mahoba,</u> UP

<u>Jawahar Navodaya Vidyalaya, Morada-</u> bad, UP



# Barcode scanning and printing

With most any software, users can eliminate some manual entry by using a barcode scanner. But some software is designed, or can be extended with an additional module, to integrate scanner functionality. While most software vendor provide some type of scanner integration, not all will print labels with barcodes

## . . E - G R A N T H A L A Y A

<u>Jawahar Navodaya Vidyalaya, Morigaon,</u> <u>Assam</u>

<u>Jawahar Navodaya Vidyalaya, Mukhla Jantia</u> <u>Hills District, Meghalaya</u>

Jawahar Navodaya Vidyalaya, Multhan, MP

<u>Jawahar Navodaya Vidyalaya, Nalanda, Bi-</u> har

<u>Jawahar Navodaya Vidyalaya, Nandurbar,</u> <u>Maharashtra</u>

<u>Jawahar navodaya Vidyalaya, Pakribarawan,</u> Bihar

Jawahar Navodaya Vidyalaya, Palamau, Jharkhand

Jawahar Navodaya Vidyalaya, Panghata, MP

Jawahar Navodaya Vidyalaya, Patna, Bihar

<u>Jawahar Navodaya Vidyalaya, Pipalkoti,</u> <u>Chamoli, Uttrakhand</u>

<u>Jawahar Navodaya Vidyalaya, Pipalkoti,</u> Uttrakhand

Jawahar Navodaya Vidyalaya, Ponda, Goa, <u>Goa</u>

<u>Jawahar Navodaya Vidyalaya, Porbandar,</u> <u>Gujrat</u>

<u>Jawahar Navodaya Vidyalaya, Ramkhiriya,</u> Panna, MP

<u>Jawahar Navodaya Vidyalaya, Ravangla,</u> <u>South Sikkim, Sikkim</u>

<u>Jawahar Navodaya Vidyalaya, Saharanpur,</u> <u>UP</u>

Jawahar Navodaya Vidyalaya, Samhon, UP

<u>Jawahar Navodaya Vidyalaya, Shimla,</u> HP

<u>Jawahar Navodaya Vidyalaya, Silvassa,</u> Gujrat

<u>Jawahar Navodaya Vidyalaya, Sind-</u> <u>hudurga, Maharashtra</u>

<u>Jawahar Navodaya Vidyalaya, South</u> Goa, Goa

<u>Jawahar Navodaya Vidyalaya,</u> Taiuuapur, UP

<u>Jawahar Navodaya Vidyalaya, Tenzawi,</u> Mizoram

Jawahar Navodaya Vidyalaya, Una, HP

<u>Jawahar Navodya Vidyalaya, Dadri</u> (<u>Ghaziabad ) , UP</u>

<u>Jawahar Navodya Vidyalaya, Farida-</u> bad, Haryana

<u>Jawahar Navodya Vidyalaya, Jind,</u> <u>Haryana</u>

Jawahar Navodya Vidyalaya, Mungeshpur, (Delhi I), Delhi

<u>Jawahar Navodya Vidyalaya, P. O.</u> Ujwa, MP

<u>Jawahar Navodya Vidyalaya, Panch-</u> <u>kula , Haryana</u>

<u>Jawahar Novodaya Vidyalaya, Beekar,</u> Datia, MP

Kamal Public School, New Delhi, Delhi

<u>Kamataka Police Academy, Mysore,</u> <u>Karnataka</u>

Kendriaya Vidyalaya, Pune, Maharashtra



MARC 21 is a result of the combination of the United States and Canadian MARC formats (USMARC and CAN/ MARC). MARC21 is based on the ANSI standard Z39.2, which allows users of different software products to communicate with each other and to exchange data.[3] MARC 21 was designed to redefine the original MARC record format for the 21st century and to make it more accessible to the international community. MARC 21 has formats for the following five types of data: Bibliographic Format, Authority Format, Holdings Format, Community Format, and Classification Data Format. 3 Currently MARC 21 has been implemented successfully by The British Library, the European Institutions and the major library institutions in the United States, and

MARC 21 allows the use of two character sets, either MARC-8 or Unicode encoded as UTF-8. MARC-8 is based on ISO 2022 and allows the use of Hebrew, Cyrillic, Arabic, Greek, and East Asian scripts. MARC 21 in UTF-8 format allows all the languages supported by Unicode

The same

## ..E-GRANTHALAYA

Kendriya Vidyalaya No.1, Faridabad, Haryana

<u>Kendriya Vidyalaya No.1, Hindon, Ghazia-</u> bad, UP

Kendriya Vidyalaya No.2 , Faridabad, Haryana

<u>Kendriya Vidyalaya No.2, Hindon, Ghazia-</u> <u>bad, UP</u>

Kendriya Vidyalaya No. 3, Delhi Cantt, Delhi

<u>Kendriya Vidyalaya No.3, Faridabad, Haryana</u>

Kendriya Vidyalaya No.4, Delhi Cantt, Delhi

<u>Kendriya Vidyalaya No2 , Delhi Cantt, Delhi</u>

<u>Kendriya Vidyalaya , AFS, Arjangarh, New Delhi, Delhi</u>

<u>Kendriya Vidyalaya , AFS, Bawana, Delhi, Delhi</u>

Kendriya Vidyalaya , AFS, Gurgaon, Haryana

<u>Kendriya Vidyalaya , AFs, Tudhlakabad,</u> Delhi, Delhi

Kendriya Vidyalaya , AGCR Colony, Delhi, <u>Delhi</u>

<u>Kendriya Vidyalaya , Andrews Ganj , New</u> Delhi, Delhi

<u>Kendriya Vidyalaya</u>, <u>Babugarh Cantt,</u> <u>Hapur, UP</u>

<u>Kendriya Vidyalaya , C-2 Area, New Delhi, Delhi</u>

<u>Kendriya Vidyalaya</u>, <u>Chhawla BSF, New</u> Delhi, Delhi <u>Kendriya Vidyalaya , CRPF CAmp,</u> <u>Jarodakalan, New Delhi, Delhi</u>

<u>Kendriya Vidyalaya , Dwarka Sector</u> 12, New Delhi, Delhi

<u>Kendriya Vidyalaya</u>, <u>Dwarka Sector 5,</u> New Delhi, Delhi

<u>Kendriya Vidyalaya , Dwarka, New</u> Delhi, Delhi

Kendriya Vidyalaya , Ghaziabad, UP

<u>Kendriya Vidyalaya</u>, <u>Gole Market</u>, <u>New</u> Delhi, Delhi

<u>Kendriya Vidyalaya</u>, <u>JNU Campus,</u> <u>New Delhi, Delhi</u>

<u>Kendriya Vidyalaya , Keshavapuram,</u> <u>Delhi, Delhi</u>

Kendriya Vidyalaya , Manesar, Gurgaon, Haryana

Kendriya Vidyalaya, Muradnagar, UP

Kendriya Vidyalaya , Narela, Delhi, Delhi

Kendriya Vidyalaya, Noida, UP

<u>Kendriya Vidyalaya</u>, NTPC Badarpur, <u>New Delhi, Delhi</u>

Kendriya Vidyalaya, NTPC Dadri, UP

Kendriya Vidyalaya, Palwal, Haryana

<u>Kendriya Vidyalaya , Paschim Vihar,</u> New Delhi, Delhi

<u>Kendriya Vidyalaya , Pitampura, Delhi,</u> Delhi

<u>Kendriya Vidyalaya , Pragati Vihar,</u> <u>New Delhi, Delhi</u>



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#### MARC VARIANTS

There are many national and international variants of MARC, including

 MARC 21: the "harmonization" of USMARC and CAN/MARC; it is maintained by the Network Development and MARC Standards Office of the Library of Congress

AUSMARC: national MARC of <u>Australia</u>, published by the <u>National Library of Australia</u> in 1973; USMARC adopted in 1991

BIBSYS-MARC: used by all
Norwegian University Libraries, the
National Library, all college libraries, and a
number of research libraries.

NORMARC: national MARC of Norway, based on MARC21

danMARC2: national MARC of <u>Denmark</u>, based on MARC21

FINMARC: national MARC of Finland

HUNMARC: national MARC of Hungary

SWEMARC: national MARC of Sweden

INTERMARC: MARC used by Bibliothèque nationale de France

UNIMARC: created by IFLA in 1977, it is the official MARC in France, Italy, Russia, Portugal, Greece and other countries.

CMARC: national MARC of the Republic of China(Taiwan), based on UNIMARC

KORMARC: national MARC of South Korea, KS X 6006

 MARCBN: national MARC of Poland, based on MARC21

IDSMARC: (inter)national MARC of Swiss German University Libraries, <u>Luxembourg</u>, <u>Liechtenstein</u>, based on MARC21

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<u>Kendriya Vidyalaya , Pushpa Vihar, New</u> Delhi, Delhi

F-GRANTHALAYA

<u>Kendriya Vidyalaya</u>, <u>R K Puram Sect 8,</u> New Delhi, Delhi

<u>Kendriya Vidyalaya , R K Puram Sect.4,</u> New Delhi, Delhi

<u>Kendriya Vidyalaya , Raghunathpura, P.B</u> Noi.13, Narnaul , Haryana

<u>Kendriya Vidyalaya , Rajokri, New Delhi,</u> <u>Delhi</u>

<u>Kendriya Vidyalaya , Rangpuri, New Delhi,</u> <u>Delhi</u>

<u>Kendriya Vidyalaya , Riwari, Haryana</u>

<u>Kendriya Vidyalaya , Rohini, Delhi, Delhi</u>

<u>Kendriya Vidyalaya , Rohini, Sect 25, New</u> Delhi, Delhi

<u>Kendriya Vidyalaya , Rohini, Sect 8, New</u> <u>Delhi, Delhi</u>

<u>Kendriya Vidyalaya , Sadique NAgar, NEw</u> Delhi, Delhi

Kendriya Vidyalaya , SAinik Vihar, Pitampura, New Delhi, Delhi

<u>Kendriya Vidyalaya , Sasant Kumj, New</u> <u>Delhi, Delhi</u>

<u>Kendriya Vidyalaya , Sect 3 Rohini, Delhi,</u> Delhi

<u>Kendriya Vidyalaya , SEctor 24, NOIDA,</u> UP

<u>Kendriya Vidyalaya , Shalimar Bagh, Delhi,</u> <u>Delhi</u>

Kendriya Vidyalaya, SR, Gurgaon, Haryana

<u>Kendriya Vidyalaya , Tagore Garden,</u> <u>Delhi, Delhi</u>

<u>Kendriya Vidyalaya</u>, <u>Umroi Cantt.</u>, <u>Meghalaya</u>

<u>Kendriya Vidyalaya , Vigyan Vihar,</u> Delhi, Delhi

<u>Kendriya Vidyalaya</u>, <u>Vikas Sadan, New</u> Delhi, Delhi

<u>Kendriya Vidyalaya , Vikaspuri, New</u> Delhi, Delhi

<u>Kendriya Vidyalaya AFS, Nashik, Maharashtra</u>

<u>Kendriya Vidyalaya Airforce Station,</u> <u>Thane, Maharashtra</u>

<u>Kendriya Vidyalaya No.1 AFS , Loha-</u> gaon, Maharashtra

<u>Kendriya Vidyalaya No.1, Delhi Cantt,</u> Delhi

<u>Kendriya Vidyalaya No.1, Ahmednagar,</u> <u>Maharashtra</u>

<u>Kendriya Vidyalaya No.1, Deolali, Ma-</u> harashtra

<u>Kendriya Vidyalaya No. 1, Ichhanath,</u> Gujrat

Kendriya Vidyalaya, Dantewada, Chhattisgarh

Kendriya Vidyalaya, Hoshangabad, MP

<u>Kendriya Vidyalaya, INS Shivaji Lona-</u> vala, Maharashtra

Kendriya Vidyalaya, Jhajjar, Haryana

Kendriya Vidyalaya, Karimgani, Assam

Nanodaya Leadersho Institute - Canacona Goa

Hasta Has

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**Z39.50** is a <u>client–server</u> <u>protocol</u> for searching and retrieving information from remote <u>computer</u> databases. It is covered by <u>ANSI/NISO</u> standard Z39.50, and <u>ISO</u> standard 23950. The standard's maintenance agency is the <u>Library of Congress</u>.

Z39.50 is widely used in library environments and is often incorporated into integrated library systems and personal bibliographic reference software. Interlibrary catalogue searches for interlibrary loan are often implemented with Z39.50 queries.

Work on the Z39.50 protocol began in the 1970s, and led to successive versions in 1988, 1992, and 1995. The Common Query Language is based on Z39.50 semantics.

C TO LA

# .E-GRANTHALAYA

<u>Kendriya Vidyalaya, Lucknow, UP</u> Kendriya Vidyalaya, Mumbai, Maharashtra

Kendriya Vidyalaya, Mumbai, Maharashtra

Kendriya Vidyalaya, Mumbai, Maharashtra

Kendriya Vidyalaya, Mumbai, Maharashtra

<u>Kendriya Vidyalaya, New Delhi, Delhi</u>

Kendriya Vidyalaya, Pattom, Kerala

Kendriya Vidyalaya, Ranipur, Uttrakhand

Kendriya Vidyalaya, Ranipur, Uttrakhand

Kendriya Vidyalaya, Sunabeda, Orissa

Kendriya Vidyalaya, Surat, Guirat

<u>Kerala Institute of Local Administration ,</u> Mulamkunnathukavu, Kerala

Kerala Police Academy, Thressur, Kerala

<u>Kerala State Library Council, Trivandrum,</u> <u>Kerala</u>

Kerala University, Palayam, Kerala

Khopoli Polytechnic, Mumbai, Maharashtra

KLES College, Bangalore, Karnataka

Kollam District Library Council, Kollam, Kerala

Kunnathunadu Taluk Library Council, Perumbayoor, Kerala

<u>Labour Bureau, Ministry of Labour and Employment, Chandigarh, Chan</u>digarh

LAbour Bureau, Ministry of Labour and Employment, Government of India, Shimla, HP

<u>Lalit Narayan Mishra Institute of Eco-</u> nomic and Social Change, Patna, Bihar

<u>Lingaya's Institute of Management and</u> Technology, Faridabad, Haryana

<u>LNJN National Institute of Criminology</u> & Forensic, New Delhi, Delhi

Lok Sabha Secretariat, GOI, New Delhi, Delhi

<u>Lovely Public School, Priyadarshini Vi-har, New Delhi, Delhi</u>

<u>Lovely Public Senior Secondary School,</u> <u>New Delhi, Delhi</u>

LRS Institute of Tuberculosis and Respiratory Diseases, New Delhi, Delhi

M M College of Nursing, Mullana, Ambala, Haryana

M M Institute of Computer Technology and Business Managemetn , Mullana, Ambala, Haryana

M M Institute of Physiotherapy and Rehabilitation , Mullana, Ambala, Haryana

MACW College, Bangalore, Karnataka

Magadh University, Bodh Gaya, Bihar

<u>Magazon Dock Limited, GOI, Megagod,</u> Maharashtra

<u>Maharashtra Academy of Engineering,</u> Dehu Phata, Maharashtra

<u>Maharashtra Information Centre, New</u> <u>Delhi, Delhi</u>

<u>Maharashtra Police Academy , Nasik,</u> <u>Maharashtra</u>

<u>Maharashtra Police Academy, Nasik,</u> Maharashtra



# E-Granthalaya Web Site Statistics During last 10 Days (Country Wise):

Country Visitors

1. India 393

2. UAE 19

3. US 13

4. Bangaldesh 2

5. Norway 1

6. Qatar

7. UK

## ..E-GRANTHALAYA

<u>Maharashtra State Road Development Corporation, Mumbai, Maharashtra</u>

LAW TO THE

Makhanlal Chaturvedi National University of Journalism and Communication, Noida, UP

Malleswaram City Central Library, Bangalore, Karnataka

Malout Institute of Management and Information Technology, Malaout, Punjab

Mandsaur Institute of Technology, MAndsaur, MP

Mandsaur Institute of Technology, Mandsaur, MP

<u>Manohar Phalke Polytechnic, Mumbai, Maharashtra</u>

## Marathwada Mitra Madal's Institute of

Technology, Loahgaon, Pune, Maharashtra

Marine Aquarium-cum-Research Centre (MARC), Digha, WB

<u>Marine Biological Centre (MBC), Chennai,</u> <u>Tamilnadu</u>

Marwari College, Bhagalpur, Bihar

Marwari College, Bhagalpur, Bihar

<u>Mata Ganga Khalsa College for Girls, Ludhi-ana, Punjab</u>

Matushri Virbaima Mahila College of Commerce, Management and IT, Rajkot, Gu-<u>jrat</u>

Maulana Azad Dental College, Delhi Government, New delhi, Delhi

Mechanical Engineering Research & Development Organisation (CMERI), Gill Road, Punjab

MGM Medical College, Aurangabad, Maharashtra

Ministry of Defence, Government of India, New Delhi, Delhi

Ministry of Earth Sciences, Government of India, New Delhi, Delhi

Ministry of External Affairs, New Delhi, Delhi

Ministry of External Affairs, New Delhi, Delhi

Ministry of Finance, New Delhi, Delhi

<u>Ministry of Food Processing Industries,</u> <u>New Delhi, Delhi</u>

<u>Ministry of Home Affairs, Government</u> <u>of India, New Delhi, Delhi</u>

Ministry of Non-Conventional Energy Sources, New Delhi, Delhi

Ministry of Textile, Government of India, New Delhi, Delhi

<u>Ministry of Textiles, GOI, New Delhi,</u> Delhii

<u>Ministry of Water Resources, New</u> Delhi, Delhi

Mohamed Sathak Engineering College, Kilakarai, Tamilnadu

Motihari Engineering College, Motihari, Bihar

<u>Mumbai Metropolitan Region Develop-</u> ment Authority, Mumbai, Maharashtra

N N K P Government Degree College, Neemakthana, Rajasthan

Narayana IIT Academy, New Delhi,



#### GOLDEN WORD FROM M MONI DDG, NIC

- Digital Library Science
- Knowledge Based Society
- Thousands of hits from search engine not enough
- Library Operating System
- Synergisation of Library Science and Computer Science

## . . E - G R A N T H A L A Y A

Narcotics Control Bureau, New Delhi, Delhi
National Commission for Minorities, New
Delhi, Delhi

Lindy Co. July Co.

<u>National Commission for Minorities, New</u> <u>Delhi, Delhi</u>

National Commission for Protection of Child Rights, New Delhi, Delhi

<u>National Commission for Protection of Child</u> <u>Rights, New Delhi, Delhi</u>

<u>National Commission for Women, New Delhi,</u> <u>Delhi</u>

National Crime Record Bureau, New Delhi, Delhi

National Emergency Repose Force and Civil Defence, NEw Delhi, Delhi

<u>National Human Rights Commission, New</u> Delhi, Delhi

National Industrial Security Academy , Hyderabad, AP

National Institute of Ayurveda, Jaipur, Rajasthan

National Institute of Criminology and Forensic Science, NEw Delhi, Delhi

National Institute of Fashion Technology (NIFT), Bhopal, MP

National Institute of Fashion Technology
(NIFT), Bhopal, MP

National Institute of Fashion Technology (NIFT), Kannur, Kerala

National Institute of Fashion Technology (NIFT), KAnnur, Kerala

National Institute of Fashion Technology (NIFT), Patna, Bihar

National Institute of Fashion Technology (NIFT), Shillong, Meghalaya

National Institute of Fashion Technology (NIFT), Shillong, Meghalaya

National Institute of Fashion Technology (NIFT), Kangra, HP

National Institute of Fashion Technology, Kolkata, WB

National Institute of Rural Development (NIRD), Gauhati , Assam

National Institute of Siddha, Tambaram, Tamilnadu

National Institute of Technical Teachers Training and Research (NITTR),
Bhopal, MP

National Research Centre for Medicinal and Aromatic Plants, Boriavi, Gujrat

<u>National Science Library, NI SCAIR,</u> New Delhi, Delhi

<u>National Security Guards (NSG), New Delhi, Delhi</u>

National Trust for Welfare of Persons with Autism, Cerebral Palsy, Mental Retardation and Multiple Disbabilities, Ministry of Social Justice and Empowerment, GOI, New Delhi, Delhi

<u>Nava Nalanda Mahavihara, Nalanda,</u> <u>Bihar</u>

News Services Division, All India Radio, New Delhi, Delhi

NIC-Sikkim State Unit, Gangtok , Sikkim

NMKRV College, Bangalore, Karnataka



## ..E-GRANTHALAYA

North East Regional Institute of Water and Land Management, Gauhati, Assam

North Eastern Hill University, Shillong, Meghalaya

<u>North India Bible Institute, Alwar, Rajast-</u> <u>han</u>

North-Eastern Council, NEC, Government of India, Shillong, Meghalaya

Northern Regional Centre (NRC), Dehradun, UP

<u>Nuclear Power Corporation of India, Thane,</u> <u>Maharashtra</u>

O P Jindal Institute of Technology, Panjipathra, Chhattisgarh

OERC Academy (Ocean Education and Research Centre), Mumbai, Maharashtra

Office of the Assistant Commissioner of Income Tax, New Delhi, Delhi

Office of the Development Commissioner (Micro, Small and Medium Enterprises), New Delhi, Delhi

Office of the Director General of Police,
Dehradun, Uttrakhand

<u>Office of the Director General of Police,</u> Raipur, Chhattisgarh

Office of the Director General of Police, Ranchi, Jharkhand

<u>Office of the Director of Accounts, Cabinet</u> <u>Secretariat, Delhi, Delhi</u>

Office of the Inspector General of Police, Pondicherry, Pondicherry

Office of the Supdt. of Police, Kavaratty, Lakshdweep Islands Omkar International School, Mumbai, Maharashtra

Ordnance Factory Kanpur, Kanpur, UP

Oriental Institute of Management, Mumbai, Maharashtra

Orissa Jail Training School, Behrampur, Orissa

Pandit Deendayal Upadhyay Institute
of Physically Handicapped, New Delhi,
Delhi

Patna Science College, Patna, Bihar

<u>Patuck Gala College of Commerce &</u>
<u>Management, Santacruz(E), Maharashtra</u>

<u>People's Dental Academy College, Bho-pal, MP</u>

<u>Pioneer Institute of Management,</u> Udaipur, Rajasthan

Police Academy, Tekenpur, Gwalior, MP

<u>Police Training College -II, Morada-bad, UP</u>

<u>Police Training College - III, Sitapur,</u> Bihar

<u>Police Training College, 24 Parganas</u> (N), WB

Police Training College, Anantpur, AP

Police Training College, Chennai, Tamilnadu

<u>Police Training College, Dhenkanal,</u> <u>Orissa</u>

Police Training College, Golaghat, Assam



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# ..E-GRANTHALAYA

<u>Police Training College, Hazaribagh, Jhark-hand</u>

Police Training College, JAroda Kala, Delhi

<u>Police Training College, Koimbatore, Tamil-nadu</u>

Police Training College, Narsingarh, Tripura

<u>Police Training College, Thruvananthapuram, Kerala</u>

Police Training College, Tirupati, AP

Police Training College, Vizianangram, AP

Police Training College, Warangal, AP

<u>PRAYAS Institute of Juvenile Justice, New</u> <u>Delhi, Delhi</u>

<u>Press Informaion Bureau, New Delhi, Delhi</u>

<u>Press Information Bureau, Mumbai, Maharashtra</u>

<u>Prime Minister Office Library (PMO),</u> <u>NewDelhi, Delhi</u>

<u>Prison Training Enstitute, Mysore, Karna-</u> taka

Pt. B.D. Sharma, PGIMS, Rohtak, Haryana

<u>Public Health Foundation of India, New Delhi, Delhi</u>

<u>Public Night Degree College, Mumbai, Ma-</u> <u>harashtra</u>

<u>Publication Division, Ministry of Information</u> and Broadcasting, New Delhi, Delhi

Punjab Police Academy, Phillaur, Punjab

<u>PVPP College of Engineering, Mumbai, Ma-</u> harashtra <u>Quest Group of Enstitutions, Mohali,</u> <u>Haryana</u>

R N Poddar School, Mumbai, Maharashtra

Railways Protection Force, New Delhi, Delhi

Rajasthan Police Academy, Jaipur, Rajasthan

Rajasthan State Text Book Board, Jaipur, Rajasthan

Rajeev Gandhi College of Management Studies, Navi Mumbai, Maharashtra

Rajendra College, Government of Orissa, Balangir, Orissa

<u>Rajya Sabha Secretariat, New Delhi,</u> Delhi

Rama Mahavidyalaya, Chinhat, UP

<u>Rashtriaya Sanskrit Sansthan , New</u> <u>Delhi, Delhi</u>

Rashtriya Indian Military College (RIMC), Dehradun, Uttrakhand

Rashtriya Sanskrit Sansthan (Deemed University), Mumbai, Maharashtra

Rashtriya Sanskrit Sansthan (Deemed University), New Delhi, Delhi

Regional Institute of Correctional Administration , Vellore, Tamilnadu

Regional Institute of Correctional Administration, Vellore, Tamilnadu

Reliance Energy Limited, Versova
Technical Training Centre, Mumbai,
Maharashtra



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## . . E - G R A N T H A L A Y A

Research, Reference and Training Division, New Delhi, Delhi

<u>Rizvi College of Engineering, Bandra(W),</u> <u>Maharashtra</u>

Royal Thimphu College, Thimpu, Nepal, Nepal

RTC Institute of Technology, Ranchi, Jharkhand

Rural College, Bangalore, Karnataka

S D V S Sangh's College of Business Administration, Sankeshwar, Karnataka

<u>S R Government Mahila Polytechnic College,</u> <u>Sagar , MP</u>

<u>S V P National Police Academy, Hyderabad, AP</u>

S V Polytechnic College, Bhopal, MP

S.B.R.M. Government Post Graduate College, Nagaur, Rajasthan

Sainik School Rewa, Rewa, MP

Samrat Ashok Technological Institute, Vidisha, Vidisha, MP

<u>Sant Baba Bhag Singh Institute of Engi-</u> <u>neering , Jalandhar, Punjab</u>

<u>Sardar Patel University, Vallabh Vidyana-</u> gar, Anand, Gujrat

<u>Sarojini Naidu Govt. Girls Post Graduate</u> <u>College, Bhopal, MP</u>

Sashtra Seema Bal , New Delhi, Delhi

<u>School of Arts And Aesthetics, JNU, Delhi,</u> Delhi <u>Security Academy, Mount Abu, Rajasthan</u>

<u>Seth Jai Prakash Mukundlal Polytechnic</u> For Women, Ghaziabad, UP

<u>Shah Khimchandbhai Muljibhai Law Col-</u> lege, Valsad, Guirat

<u>Sher-e-Kashmir Police Academy,</u> Udampur, J & K

Shershah College, Rohtas, Bihar

Shillong College, Shillong, Meghalaya

<u>Shivalik Institute of Education and</u> <u>Research, Mohali, Punjab</u>

Shobhit University, Meerut, UP

<u>Shree Babasahib Gharfalker College of Pharmacy, Pulgaon, Wardha, Ma-harashtra</u>

Shri Krishna College of Education, Mahendergarh, Haryana

<u>Shri Lal Bahadur Shashtri Rashtriya</u> Sanskrit Vidyapeeth, New Delhi, Delhi

Shri Laxmikant Sarvajanik Vaachnalaya and Granthalaya, Raigarh, Maharashtra

<u>Shri Pragya Mahavidyalaya, Bijainagar, Rajasthan</u>

<u>Shri Rashtraveer Chhelbhai Dave Police</u> <u>Training College, Junagarh, Gujrat</u>

<u>Siddharth College of Arts, Science and</u> Commerce, Mumbai, Maharashtra

<u>Siddharth College of Law, Mumbai,</u> Maharashtra



## ..E-GRANTHALAYA

SIES Graduate School of Technology, Mumbai, Maharashtra

<u>Sir Padampat Singhania School, Kota, Ra-</u> jasthan

Smriti College of Pharmaceutical Education, Indore, MP

<u>Smt Jankibai Rama Salvi College of Arts,</u> <u>Commerce and Science, Thane, Maharashtra</u>

SNDP Library, Palissery, Kerala

<u>Southern Regional Centre (SRC), Chennai,</u> Tamilnadu

<u>Special Protection Group (SPG)</u>, <u>New Delhi</u>, Delhi

<u>Srimanta Shankardev Kalakshetra, Gauhati ,</u> <u>Assam</u>

#### St. Edmund's College, Shillong, Meghalaya

St. John College of Eng. & Technology,

Thane, Maharashtra

<u>St. John's Whitehall Secondary School,</u> Shillong, Meghalaya

<u>St. Mary's College, Shillong, Meghalaya</u> St. Paul's School, New Delhi, Delhi

<u> State Central Library , Shillong, Meghalaya</u>

State Central Library, Bangalore, Karnataka

State Central Library, Bangalore, Karnataka

State Central Library, Gauhati , Assam

State Central Library, Gauhati , Assam

State Central Library, Hyderabad, AP

State Central Library, Ranchi, Jharkhand

State Central Library, Shillong, Meghalaya

State Institute of Correctional Administration, Chanchaldguda, AP

<u>State Institute of Health & Family</u> Welfare, Panchkula, Haryana

State Police Academy, Kuttak, Orissa

STQC IT Services, Electronics Test and Development Centre, Bangalore, Karnataka

<u>Subharti Institute of Technology and</u> <u>Engineering, Meerut, UP</u>

Sumpuranand Jail Training Institute, Lucknow, UP

<u>Sunderban Field Research Centre</u> (SFRC), Canning, WB

<u>Supreme Court Judges Library, New</u> Delhi, Delhi

<u>Supreme Court Library</u>, New Delhi, Delhi

<u>Swamy Shrandhanand College, New</u> <u>Delhi, Delhi</u>

<u>Swayam Siddhi College of Management</u> <u>& Research, Thane, Maharashtra</u>

<u>Taluk Library Council, Trivandrum,</u> Kerala

Tamilnadu Prison Department, Chennai, Tamilnadu

<u>Telcom Regulatory Authority of India, New Delhi, Delhi</u>

<u>Telecom Dispute Settlement & Appel-</u>late Tribunal, New Delhi, Delhi

<u>Telecommunications Engineering Centre</u> (TEC), New Delhi, Delhi



## ..E-GRANTHALAYA

<u>Thapar Centre for Industrial Research & Development, Yamuna Nagar, Haryana</u>

Line of the state of the state

Thapar University, Patiala, Punjab

The James Beverdge Media Resource Centre, Jamia Milia Islamia, New Delhi, Delhi

The National Trust (Social Justice & Empowerment), Old Rajinder Nagar, Delhi

The New Era School, Mumbai, Maharashtra

<u>The Orissa Mining Corporation Limited,</u> Bhubeneswar , Orissa

The Prem Foundation (NGO), Mumbai, Maharashtra

The Rajputana Rifle Regiment Centre, Delhi Cantt, Delhi

<u>The Rajputana Rifle Regiment Centre, New</u> Delhi, Delhi

The Secretary (Admn) , Secretariat, Kavaratti Islands, Lakshdweep Islands

<u>Training Division, Department of Personnel</u> and Training, New Delhi, Delhi

Trinty Institute of Professional Studies, Delhi, Delhi

<u>Udubanchola Taluk Library Council, Kattap-</u> <u>pana, Kerala</u>

UGC Academic Staff College, Patna, Bihar

<u>UGC-DAE Consortium for Scientific Research, Indore, MP</u>

<u>Union Public Service Commission, New Delhi,</u> <u>Delhi</u>

<u>Vallicodu Library and Reading Room, Vallicodu, Kerala</u>

<u>Vani Vidyalaya Jr., College, Mulund</u> (W), Maharashtra

<u>Vasantdada Patil Institute of Manage-</u> ment Studies, Mumbai, Maharashtra

<u>VCW Arya Vidya Mandir, Mumbai, Maharashtra</u>

<u>Vidhansaudha Library, Bangalore, Kar-</u>nataka

<u>Vidhrabha Ayurved Mahavidyalaya ,</u> <u>Amravati, Maharashtra</u>

<u>Vidhyapostins Grandhalayam, Malappu-ram, Kerala</u>

Vigyan Prasar, NOIDA, UP

Vishwakarma Government Engineering College, Chandkheda, Gujrat

Vivekanand College of Arts and Sciences for Women, Namakkal, Tamilnadu

<u>Vivekanand Institute of Engineering</u> <u>and Technology for Women , Tiruchengode, Tamilnadu</u>

<u>Vyasnagar College, Jajpur, Orissa</u>

Water and Land Management Institute, Nakshtrawadi, Aurangabad, Maharashtra

Western Ghats Field Research Centre (WGFRC), Calicut, Kerala

<u>Western Regional Centre (WRC), Pune,</u> <u>Maharashtra</u>

Winrock International India (NGO), Gurgaon, Haryana



# ...E-GRANTHALAYA

XAVIER Institute of Management and Enterpreneurship, Bangalore, Karnataka

Young Women's Christian Association of Delhi, Delhi, Delhi

Zoological Survey of India, Southern Circle, Koiambatore, Tamilnadu

<u> उत्तम आश्रम मानव कल्याण समिति, जोधपुर,</u> Rajasthan

केन्दीय अनुवाद ब्यरो (Central Translation Bureau), New Delhi, Delhi

**डुन्गर महाविद्यालय, बिकानेर,** Rajasthan

राजस्थान प्राच्य विद्या प्रतिस्टान, जोधपुर, Rajasthan

<u>राम पुर रजा लायब्रेरी (</u>Rampur Raza Library), Rampur, UP

**श्रीशारदा सदन पुस्तकालय, लालगन्ज, वेशाली,** Bihar



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# ...E-GRANTHALAYA

# CITY WSIE LIST OF VISITORS(EGRANTHALAYA.NIC.IN) - LAST 10 DAYS

CITY WSIE LIST OF	VISITORS(EGRANTHALAYA.NIC.IN)-	LAST 10 DAYS
1 NEW DELHI	39.06	% 168
2 BANGALORE	7.67%	33
3 MUMBAI	6.74%	29
4 PUNE	4.41%	19
5 ELHI	3.48%	15
6 INDORE	3.02%	13
7 CALCUTTA	3.02%	13
8 DUBAI	2.79%	12
9 GUWAHATI	2.32%	10
10 thers	2.09%	9
11 AURANGABAD	1.86%	8
12 CHENNAI	1.62%	7
13 ABU DHABI	1.62%	7
14 CABOT	1.62%	7
15 HYDERABAD	1.39%	6
16 BHOPAL	1.39%	6
17 LUCKNOW	0.93%	4
18 NAVI MUMBAI	0.93%	4
19 RANCHI	0.93%	4
20 UDAIPUR	0.93%	4
21 CHANDIGARH	0.93%	4
22 LUDHIANA	0.69%	3

## CHAPTER 7: TRAINING AND SUPPORT

Training and Support is an essential component any software implementation to make it operational and
useful for its users. NIC is committed
to provide two kinds or training for the software:

Granthalaya users from Delhi,
Haryana, UP, Rajasthan are invited. The NIC organizes all its
workshop free of cost where NIC
Hqs and State Centres provide all
logistics / food /tea/ reading ma-

# 1. Training

- Short Term Training—where a new / existing users can approach to the nearby NIC centres and can get the tips for data entry. This may be required from 2- 4 hours to know the features in summary and to start data entry of existing collection
- Long Term Training Programs: NIC used to organize 2-3 Days Regular Workshop on e-Granthalaya, every month, in various parts of the country. The 3-Days Training programs are organized where 20-30 Participants are registered for full training program. This kind of training program are announced well in advance through the e-Granthalaya Web Site (<u>http://</u> egranthalaya.nic.in ) as well as e-Granthalaya Email Forum (egranthalaya Forum@lsmgr.nic.in

NIC Organizes two programs in NIC HQs, New Delhi in a year where e-

Granthalaya users from Delhi, Haryana, UP, Rajasthan are invited. The NIC organizes all its workshop free of cost where NIC Hqs and State Centres provide all logistics / food /tea/ reading materials, etc at no cost. Many times, Workshop are organized by the Users Department / Third Party organizations where they may charges nominal amount to provide the logistics required during the training program.

Besides, many times we organize the e-Learning session on e-Granthalaya Software for online users where presentation is given, problems are discussed and feedback is received in LIVE environment. NIC has setup e-Learning facilities to provide the service accessible over <a href="http://weblearning.nic.in/">http://weblearning.nic.in/</a>.

Training Program Organized during 2005-2010:



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#### ....TRAINING AND SUPPORT

S.N.	Duration	Place	No.
45.	03-05 Dec 2009	Yashwantrao Chavan Academy of Development Administration (YASHADA), DoPT, GOI, Pune	20
44.	16 Nov 2009	Cummnis College of Engineering, Karvena-gar, Pune	30
43.	10-12 Nov 2009	T M Bhagalpur University, Bhagalpur, Bihar	47
42.	28-30 Oct 2009	NIC Hq,. New Delhi	31
41.	14 Oct 2009	Mhapsa Municipal Council (MMC), Panjii, Goa	89
40.	11-12 Aug 2009	Rajasthan State Centre of NIC, Jaipur	20
39.	21-23 Jul 2009	MIMIT, Malout, Punjab	29
38.	30 Jun 2009	Administrative Training Institute, Gov- ernment of West Bengal, Salt Lake, Kol- kata	21
37.	25-27 May 2009	Yashwantrao Chavan Academy of Development Administration (YASHADA), Pune	23
36.	12 May 2009	Central Tibetan School Administration	12
35.	07 Apr 2009	Administrative Training Institute (ATI), Kolkata	22
34.	24-26 Mar 2009	AP State Unit, NIC Hyderabad (AP)	23
33.	21 Jan 2009	Department of Library & Information Science, Rajasthan University, Rajasthan	45
32.	13 Jan 2009	Navodaya Leadership Insti- tute,,JNV,Dadri, Ghzaiabad (UP)	21



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# ....TRAINING AND SUPPORT

31.	01-03 Dec 2008	NIC, Hyderabad	16
30.	21-23 Oct 2008	NIC Hq, New Delhi	29
29.	29 Sep - 01 Oct	ITBP Academy, Mussorrie, Dehradun (UA)	25
28.	22-24 Sep 2008	NIC-APSU, Hyderabad	23
27.	01-03 Sep 2008	ITBP Academy, Mussorrie, Dehradun (UA)	25
26.	09-11 Jun 2008	NI C-APSU, Hyderabad	25
25.	14-15 May 2008	Goa Inst. of Rural Development, Govt. of	30
24.	09-11 Apr 2008	Government Medical College, Aurangabad	20
23.	25-27 Mar 2008	NIC-RSU, Jaipur	27
22.	07-10 Mar 2008	Kendriya Vidyalaya, andrew Gang, New	50
21.	09-11 Jan 2008	NI C-KSU, Bangalore	27

MARKET SEA MARKET SEA MARKET SEA MARKET



# Page 58

#### ....TRAINING AND SUPPORⅠ

		the Property of the Control of the C	The state of the state of	
AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IN COLUM	20.	17-19 Dec 2007	NIC-BSU, Patna/ Sponsored by LNM Inst of Economic Dev. and Social Changes,	35
	19.	12-14 Dec 2007	Zoological Survey of India, Kolkata	35
The second second	18.	01-02 Dec 2007	NIC-APS, Hyderabad / Sponsored by Kendriya Vidyalaya Sangathan, Min HRD, GOI	30
The second second	17.	26-27 Nov 2007	NIC-APS, Hyderabad / Sponsored by Kendriya Vidyalaya Sangathan, Min HRD, GOI	30
	16.	14-16 Nov 2007	NIC-MPSU, Bhopal / Sponsored by Gov- ernment of Bhpal	35
	15.	10-12 Oct 2007	NIC Hq, New Delhi	30
This I have	14.	09-11 May 2007 NIC Hq, New Delhi / Sponsored Rashtriya Sanskrit Sansthan, Ne		21
	13.	25-27 Apr 2007	NIC Hq, New Delhi / Sponsored by Jawa- har NAvodaya Samiti, Min HRD, GOI	35
The same of the sa	12.	16-18 Apr 2007	Jawahar Navodaya Vidyalaya, Ratibad, Bhopal (MP) / Sponsored by Jawahar NAvodaya Samiti, Min HRD, GOI	35



## Page 59

#### ....TRAINING AND SUPPORT

	11.	11-13 Oct 2006	NIC Hq, New Delhi	35
The same of	10.	31 Jul - 4 Aug 2006	NIC-APSU, Hyderabad / Sponsored by Directorate of Public Libraries, A P Gov-	35
	9.	03-05 May 2006	NIC Hq, New Delhi	30
7	*8.	25 Apr 2006	Directorate of School Education, AP Gov-	
9	7.	11-13 Apr 2006	NIC, Shillong, Meghalaya / Sponsored by Directorate of arts and Culture, Megha-	38
	*6.	07 Mar 2006	NIC UPSU, Lucknow	35
	5.	07-09 Nov 2005	NIC Hq., New Delhi	15
7	4.	18-22 Oct 2005	NIC-ASU, Guawati (Assam) for State	19



# Support

NIC has setup a support team in all the State Centres to provide the possible minimum support to the users of e-Granthalaya. The support is provided for installation, use and backup, etc of the software. Besides, users of the software can contact the NIC HQs team using email, web site, phone and VC facilities. VC Facilities are available in all the State and District Centres of NIC where users can approach these centres for talking face to face to the e-Granthalaya team. E-Granthalaya users are also eligible to provide the support to other users in order to suggest some solutions of their query.

# List of Support Team

Andhra Pradesh NIC State Centre, Hyderabad:

Dr. Venkata Ramana V.V., Technical Director

National Informatics Centre

Education Informatics Division,

A-Block, G.O. Complex, Tankbund Road,

Hyderabad (AP) - 500 063

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## ....TRAINING AND SUPPORT

Ph. 040-2349483/23223142/24550429(R)

Email: v3r@ap.nic.in

Bihar NIC State Centre, Patna:

Shri Rajesh Kumar Singh, Sr Technical Director

National Informatics Centre

3rd Floor, Technology Bhavan, Bailey Road,

Patna (Bihar) - 800 015

Ph. 0612-2220964(O)

Email: rajeshk.singh@nic.in

Ms Nanda Singh, Technical Director

National Informatics Centre

3rd Floor, Technology Bhavan, Bailey Road,

Patna (Bihar) - 800 015

Ph. 0612-2220964(0)

Email: nanda.singh@nic.in

#### Madhya Pradesh NIC State Centre, Bhopal:

Mr. A N Siddiqui, Technical Director

NIC Madhya Pradesh State Centre

C-Wing, Basement, Vindhyanchal Bhavan,

Bhopal (MP) - 462004

Ph. 0755-2551265(extn. 252)

Email: siddiqui.an@nic.in

#### Karnataka NIC State Centre, Bangalore:

Mr. P.S. Bhat , Technical Director

NIC Karnataka State Centre

Mini Tower,



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## ...TRAINING AND SUPPOR∣

Bangalore

Ph. 080-22865882, 22863218

Email: psbhat@nic.in

#### UP NIC State Centre, Lucknow

Mr. Arvind Mishra, Scientis C

NIC UP State Centre

E-floor, Yojana Bhavan 9,

Sarojini NAidu Marg,

Lucknow (UP) - 226 001

Ph. 09415495993

Email: arvind.mishra@nic.in

#### Tamilnadu NIC State Centre, Chennai

Ms. Gowri Swaminathan, Scientis C

NIC Tamilnadu State Centre

E2A - Rajaji Bhavan, Besent Nagar,

Chennai - 600 090

Ph. 044-24902580

Email: gowri@tn.nic.in

## Orissa NIC State Centre, Chennai

Mr. Samrendra Dash, Scientis C

NIC Orissa State Centre

Sachivalaya Marg, Unit IV,

Bhubeneshwar (Orissa) - 751 001

Ph. 044-24902580

Email: samar.dash@nic.in



#### Page 62

## ....TRAINING AND SUPPORT

#### NI C Pune Centre

Mr. Sanjay G Kulkarni, Scientis D

NI C Pune Centre

Ganeshkhind, Pune

Ph. 020-25610000 ext. 4323

Email: kulkarni.sg@nic.in

# NIC Kerala Centre, Trivandrum, Kerala

Ajith Brahmanandan Technical Director National Informatics Centre Kerala State Unit, Thiruvananthapuram Phone (o) 0471-2729894 (m) 9446513525 Email: ajithb@nic.in

Ms Sibi A. P Scientific Officer NIC Kerala. Email: sibi.ap@nic.in

Meghalaya State Centre, Shillong, Meghalaya

#### Mark Nongkhlaw

Principal Systems Analyst, NIC NEC Secretariat Room No.429 Shillong-793003 Meghalaya

Mobile: 9862006017

**DAMA: 5901** 

Candida Shadap Scientist 'C' National Informatics Centre Meghalaya State Centre NIC Building, Secretariat Hill Shillong - 793 001.

Phone: 0364-2225501, 2229868

Mobile: 9612161241

email: candida.shadap@nic.in

Volunteers Support Professionals

1. Shri Sriniwas S Pownikar

Library Officer,



## Page 63

## ....TRAINING AND SUPPORT

C-DAC

Pune University Campus,

Ganesh Khind Road,

Pune-

Ph. 020-256094017

Email: spownikar@cdac.in

#### 2. Shri M G Railkar

Retired Librarian

"Vaishali" Bldg., Block No. 4,

Sant Namdev Path, Lane No. 2,

Dombivli (E)

District: Thane, Maharashtra - 421 201

Ph. 095251-2476084 / M=09833661557

Email: madhavi5k@sancharnet.in

#### 3. Shri N Nageswaran

I UCAA Library

Pune University Campus

Ganeshkhind, PUNE- 411 007

Ph. 020-25604308

Email: nageshdbt@rediffmail.com

## 4. Shri Mukund Nadgowda/Manoj Kulkarni

System Manager/Librarian, CIT

YASHADA, Pune - 411 007

Ph. 020 - 25608219

Email: mukundfauji@rediffmail.com



## CHAPTER 8: FUTURE PLAN

NIC is always keep watch on the new tools, technologies, challenges and opportunities to be come in the future to develop more useful applications and tools with new features and services. For Library sector, we have identified some of the new areas / services which will be developed and provided in near future. One of such services is to create and host the 'Union Catalog' of the member libraries which are using e-Granthalaya Software. Under the service, an application will be developed and hosted in nic server where library catalogs from member libraries will be merged and available in public domain. Later, in the second phase, any library, irrespective of the software being used, will be able to upload their catalog in the centralized database (Union catalog).

Besides, NIC is willing to get support and participation from Library professionals, Associations and library schools to join the hands in order to uplift the level of Indian libraries and to computerize these for better services. Many national organizations like NISCAIR, DELNET, IGNOU, DRTC, etc are also required to show the same willingness to work together for the betterment of libraries in our country.

During 2010, NIC is going to launch another service to the Libraries of India—hosting of Union Catalog of All Government Libraries. This will provide a hosting platform to all the Government libraries to make available their catalog online. Also this will provide the 'Co-Operative' cataloging to the libraries in India.



## USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library

LEARNING CENTRE OF MALLESWARAM COMPLEX UNITS,

Organization

BHARAT HEAVY ELECTRICALS LIMITED, EPD, BANGALORE-12

e-Granthalaya Version

3.0

No of Records Entered

**AROUND 8000** 

#### **Address**

S.KUMARASWAMY
Deputy Manager-LIBRARY
BHARAT HEAVY ELECTRICALS LIMITED
CERAMIC BUSINESS UNIT, ELECTRO PORCELAINS DIVISION
PROF.CNR RAO CIRCLE, SCIENCE INSTT.POST, PB NO.1245
MALLESWARAM, BANGALORE- 560 012 (KARNATAKA)

Space for your Photo

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#### Your Comments about e-Granthalaya

USER FRIENDLY SOFTWARE HOWEVER THERE IS A SCOPE FOR IMPROVEMENT

#### Three most useful feature of the Software

- WEB OPAC
- RETRO CONVERSION
- CIRCULATION

#### Three most un-wanted features of the Software

CAN BE GIVEN AFTER GAINING EXPERIENCE WITH ALL THE MODULES

## USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library

KENDRIYA VIDYALAYA MANKHURD LIBRARY

Organization

KENDRIYA VIDYALAYA SANGATHAN

e-Granthalaya Version

e- GRANTHALAYA (G-2)

No of Records Entered

11793

#### **Address**

KEDRIYA VIDYALAYA MANKHURD NAV SENA BAUG , MANKHURD, MUMBAI ,400088 MAHARASHTRA



#### Your Comments about e-Granthalaya

The software is indeed good since it fulfils the requirements of all libraries and librarians with support of new technology. I express my gratitude towards NIC for providing us with such a wonderful software. Wide publishing my please be given to all educational institutions so that it can be installed in all schools.

#### Three most useful feature of the Software

- Circulation
- > Retro-conversion
- ➢ OPAC

#### Three most un-wanted features of the Software

No such drawback. But I would suggest proper training so the software could be put to use in a fruitful way.

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library	DC(MSME) Library	TO THE SECOND PROPERTY.
Organization office of the DC(MSME) . M/O MSME		
e-Granthalaya Version Ver 2.0		
No of Records Entered	15000	
Address		40 Feb
S.K.Gupta PSA     NIC Computer Centre, O/o DC(MSME)     ROOM No 701, Awing , Nirman Bhavan     Delhi i 110032 Ph 23062489     MAil skg@nb.nic.in      MAil skg@nb.nic.in		
Your Comments about e-Gran	thalaya	
Useful		
Three most useful feature of t	he Software	The Party
web searching of books	3	
Three most un-wanted feature	es of the Software	Fill of the

In case of library not having card system like our library,register is being maintained to issie and return the books. please incorporate the feature (Fields like Register No,Page No,Serial no in the page). To implement the e-granthalaya i have added the feature in the software

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library

District Central Library

District Central Library and NIC Srikakulam AP

e-Granthalaya Version

No of Records Entered

District Central Library and NIC Srikakulam AP

#### Address

- District Central Libray
- T.T.D.kalyanmandapam Road
- Near Nagavali hotel
- Srikakulam-532001
- Andhra Pradesh



#### Your Comments about e-Granthalaya

Presently it is being put in use for retro-conversion and it is very convenient. Installation is very easier and no problematic at all. The data fields descriptions in the front end screens are very clear and understandable.

#### Three most useful feature of the Software

- It is lan based and Searching of a book is convenient.
- · Covers all basic related operations of a library
- · Communication response is excellent

#### Three most un-wanted features of the Software

## USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library

**Library and Information Services** 

Organization

Centre for Ecological Sciences, Indian Institute of Science, Bangalore – 560012, Karnataka, INDIA

e-Granthalaya Version

EG-2

No of Records Entered

12500

#### **Address**

YASHWANT G KANADE SGO / LIBRARIAN Centre for Ecological Sciences Indian Institute of Science Bangalroe -560012, Karnataka, INDIA Ph. 080-23600985 / 22932506 Ext 106/107 Email: kanade@ces.iisc.ernet.in / ceslib@ces.iisc.ernet.in



#### Your Comments about e-Granthalaya

User friendly Freely available including free training All time mentor available for guidance

#### Three most useful feature of the Software

Retro conversion Excellent modules Very good Exporting data facility

#### Three most un-wanted features of the Software

No such un-wanted features are as such However the barcode label design should made flexible according to user requirement Search should be made more advanced

Provide facility to add the irregular issues of journals and newsletter

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library ATHAIDE MUNICIPAL LIBRARY

Organization MHAPSA MUNICIPAL COUNCIL

e-Granthalaya Version

No of Records Entered 13450 books and 5911 members

#### **Address**

ATHAIDE MUNICIPAL LIBRARY MHAPSA MUNICIPAL COUNCIL MHAPSA GOA PIN CODE 403507 Space for your Photo

#### Your Comments about e-Granthalaya

EXCELLENT THAN ANY OTHER LIBRARY SOFTWARE, USER FRIENDLY SOFTWARE, WEB OPAC HELP USER TO ACCESS OUR RECORDS, CHARGING DISCHARGING CAN BE DONE THROUGH COMPUTER. RESPONSE FROM CLIENTELE IS OVEWHELMING

#### Three most useful feature of the Software

WEB OPAC, CHARGING AND DICHARGING, RETRO CONVERSION, BOOK ACQUISITION,

#### Three most un-wanted features of the Software

NOT AT ALL

FEATURE TO BE ADDED TOP READER AND BORROWER, BOOK RANKING TOP

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library	BSI Eastern Regional Centre Library		
Organization	Botanical Survey of India,ERC,Shillong		
e-Granthalaya Version	eG2	CHAIN OF VA	
No of Records Entered	Title=400 Copies=726	B	
equition in the second		-	
Address	1 1000 100		
Botanical Survey of In Eastern Regional Cer Lower New Colony Laitumkhrah Shillong-792003(Meg	ntre	Space for your Photo	
Your Comments about e-Gr	anthalaya		
leads to successful network	software for library with its various features which ing of Indian libraries. What I feel very important ess verification and quick assistant by the regiona	is to provide	

#### Three most useful feature of the Software

1	$\sim$	Λ	
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- 2.BAR Code
- 3.Circulation

#### Three most un-wanted features of the Software

nil

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library

Library –cum-Documentation Centre

M. P. Council of Science & Technology, Bhopal

e-Granthalaya Version

P-C3

No of Records Entered

Approx. 15000

#### **Address**

Vigyan Bhawan, Nehru Nagar Bhopal. (MP) Space for your Photo

#### Your Comments about e-Granthalaya

Very good approach. Smooth functioning

#### Three most useful feature of the Software

- User-friendly menu driven program
- Easy to learn and work
- Present n Future Star software in the field of library automation

#### Three most un-wanted features of the Software

Going through one menu to another, have to exit from present (Multiple menu option not available)

Updation of user manual have not been done since long time.

Spell check can be incorporated.

Don't understand the functioning of News clipping manager

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Lik	orarv
-----------------	-------

Sant Baba Bhag Singh Institute of Education, Jalandhar (Punjab)

#### Organization

Sant Baba Bhag Singh Educational Complex, Jalandhar

e-Granthalaya Version

Two point 7 or 2 0

No of Records Entered

4802

#### **Address**

Village : Khiala, P.O. Padhiana Distt. Jalandhar (Punjab)-144030



#### Your Comments about e-Granthalaya

It is very good software for each library because it has latest features.

#### Three most useful feature of the Software

- Retro Conversion
- Serials records
- Articles

#### Three most un-wanted features of the Software

Nothing is unusable.

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library	Mariana de la compania del compania del compania de la compania del la compania de la compania della compania d	THE SECOND STATE OF
Organization	Our lady of the Rosary Higher S	Secondary School
e-Granthalaya Version	ഹാ	
No of Records Entered	300	
Address		
PO NIO Dona Paula	-Goa	Space for your Photo
Your Comments about e-G	anthalaya	First of the
Co-operation from NIC he from NIC especially from Meets all the basic needs of the is a user friendly softward.	f library	or any other technical problem
Three most useful feature o	of the Software	The state of the s
<ul><li>Search facility</li><li>Printouts can be to Backup facility</li></ul>	aken	
	ures of the Software	
Three most un-wanted feat		

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library	TECHNICAL SERVICES DEPARTMENT	ar shoulder.
Organization	BHARAT HEAVY ELECTRICALS LIMITED BHOPAL	
e-Granthalaya Version	VEDSION 2 A	
No of Records Entered	>28000	Number of the last of
Address		
Santosh Meena Manager/TSD BHEL Bhopal 462022 Phone: 07552503255	1	Space for your Photo
Your Comments about e-Gra	anthalaya	STATE OF
Unit for technical support to software, it is decided to use special support by NIC will	t BHEL R&D Hyderabad. We have central library as more than 7500 employees. By seeing all features the same at Bhopal Library. I understand that such help the Indian industries to improve their services implement this software is highly appreciable.	of your n type of
Three most useful feature of	the Software	
It seems userfreing	dly.	
Three most un-wanted feature	res of the Software	
3	and the second of the second o	1 Ady

## USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library	LIBRARY, FSL DELHI
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Organization

FORENSIC SCIENCE LABORATORY, GOVT. OF NCT OF DELHI

e-Granthalaya Version

2.0

No of Records Entered

1500

#### **Address**

RAVI KANT GAUR, I/C LIBRARY FORENSIC SCIENCE LABORATORY GOVT. OF NCT OF DELHI MADHUBAN CHOWK, SECTOR-14, ROHINI DELHI - 110085



#### Your Comments about e-Granthalaya

Great help to librarians especially in libraries like ours with resource constraints. It's a commendable effort by NIC. Moreover the help provided by Sh. RK Matoria on any type of problem related to the functioning of software is encouraging the users. I personally recommend this software to many of my librarian friends.

#### Three most useful feature of the Software

Web Opac

E-mailing of Overdue notices to users in circulation module and Bar codes and member cards

Rack up in admin module

#### Three most un-wanted features of the Software

None

#### USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library Kendriya Vidyalay Gopalpur Military Station

Organization Kendriya Vidyalay Sangathan

e-Granthalaya Version eG2

No of Records Entered

350

#### **Address**

- District Ganjam
- Orissa-761052



#### Your Comments about e-Granthalaya

It is suitable for govt acquisition process and easy to understabd about software, clarity in usermanual n installation guide, above all prompt extended help from shri R K M of NIC makes this operation smooth and easy.

#### Three most useful feature of the Software

Reporting service Search facility Retro

#### Three most un-wanted features of the Software

Freedom for user to customize Welcome background scene Mysql loading require little more clarification Egranthalaya website contents need classification and sub division in most user friendly presentation.

## USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library

SIES NERUL COLLEGE OF ARTS SCIENCE & COMMERCE

SAME AS ABOVE

e-Granthalaya Version

No of Records Entered

13000

#### Address

SIES NERUL COLLEGE OF ARTS SCIENCE AND COMMERCE PLOT 1 C SECTOR 5 NERUL 400706 Space for your Photo

#### Your Comments about e-Granthalaya

IT IS VERY USEFUL & COMPREHENSIVE , OBVIOUSLY VERY NOMINALLY PRICED & OF COURSE VERY MUCH SUITED TO THE INDIAN WAY OF LIBRARY RECORD MAINTENANCE & THE EXPECTATIONS OF THE INDIAN USER

#### Three most useful feature of the Software

- 1 BAR CODE LABELS GENERATION FOR LIBRARY MATERIALS & USERS
- 2 SDI & CAS
- 3 VARIED SEARCHES LIKE BASIC & ADVANCED & ALSO OPAC FACILITY

#### Three most un-wanted features of the Software

- 1 TOO MANY COMPULSARY STEPS IN THE MODULES LIKE FOR EG THOSE RELATED TO BILLING & PERIODICALS
- 2 INABILITY TO MINIMIZE VARIED MODULES WHICH RESULTS IN HAVING TO OPEN MODULES NUMEROUS TIMES
- 3 MORE EMPHASIS ON CATALOGUE NO THAN ACCESSION NUMBER

# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library Organization e-Granthalaya Version No of Records Entered	BIRSA INSTITUTE OF TECHNOLOGY (TO VERSION 3.0 4500	RUST)
Address		401
• BIRSA INSTITUTE C AMRUD BAGAN, RA	OF TECHNOLOGY ( TRUST) TU ROAD , RANCHI	Space for your Photo
Your Comments about e-Gr	anthalaya	4783
EDUCATIONAL INSTITUPOSSIBLE)MAKE FINE PAID OR U	RARY. BUT AS U KNOWS IT IS ALSO US UTIONS. SO MAKE IT INSTITUTION FRI INPAID STATUS AFTER RETURNING OF RECIPT NO.OPTIONS LIKELY TO BE SH	ENDLY (IF BOOKS. IF FINE
Three most useful feature o	of the Software	
CIRCULATION BAR CODE OPAC		
Three most un-wanted featu	ures of the Software	
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# USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

rganization	Our lady of the Rosary Higher Secondary School	The state of the state of
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Granthalaya Version	eG3	Water Town
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o-operation from NIC head om NIC especially from M leets all the basic needs of is a user friendly software	dquarters regarding data entry, or any other techni Ir Matoria. library	cal problem
nree most useful feature of	the Software	
<ul><li>Search facility</li><li>Printouts can be ta</li><li>Backup facility</li></ul>	ıken	
erac	CHAIR TO THE STATE OF THE STATE	36
nree most un-wanted featur	res of the Software	The second second

A PROFILE: 2010

#### USERS FEEDBACK

# e-Granthalaya A Digital Agenda for Library Automation and Networking

Name of the Library Jawahar Navodaya Vidyalaya, Morigaon(Assam)

Organization Navodaya Vidyalaya Samity, Deptt. Of Education, Ministry of HRD.

e-Granthalaya Version Version 2.0

No of Records Entered 3602

#### Address

Bipul Deb Adhikary, Librarian Jawahar Navodaya Vidyalaya, Morigaon(Assam)

- PO- Doloichuba
- Distt- Morigaon, Assam
- PIN- 782105

E\_mail- jnvmorigaon@rediffmail.com OPAC Website- www.jnvmorigaon.org



# Your Comments about e-Granthalaya

It is a very usefull and user friendly software in the field of Library Automation. Time to time updation is going on as per user's requirement.

Free training/workshop organized by NIC.

#### Three most useful feature of the Software

- Circulation Module:- Issue/return, Generate Overdue list, Most Used Books as well as Top Borrowers.
- Easy and simple form of Data entry through Retro Conversion.

OPAC:- Students are easily locate their desired books in a short time.

Three most un-wanted features of the Software

#### E-GRANTHALAYA IN MEDIA

WRITE YOUR COMMENT

MMC wants Rs 10L to upgrade e-granthalaya - Goa - City - NEWS - The Times of India Page 1 of 2

form [H00] Action [Major [Maleries And Farmar, 32, Self-employed.
"Formy self-employer weeker intowe that West are months that we need to self-employed weeker into the are not to self-employed to the self-employed control of EOREY: Loarn bow to make money from the comfort of your home Click and receive an introductory lesson THE TIMES OF INDIA NAME OF THE PARTITION O The lists West Districts Facts Science Environment Education Species Science Science Science Science Science Maybell Delh throptom hydrodisch Charme Assentialist Studentone Chardegon Son Guarres His Lugrow Lucinous Mergelore Meson Negour Pairs Parts Robot Room Sont Trace Throftone Vistotion Gwarod Hill Japor Karour Koloda mod site feature House + Day + God. The Times of inche \* WIND BOOK GARRY STREET, STREET MMC wants Rs 10L to upgrade e-granthalaya SecThin Section | Series Observe MC Chemine 2009 26 July 87 Copy with the following participation of 87 schiedzeniene kalendature zu 2005 des serveg, erfestek WARGAO: The Margao Municipal Council (ARMO) will seek Pls. 18 leth from the organization of art and culture to it was to assess their retainment on both pominition location in the money inaugurated a promisely and Margan. Personal to BITCA residently seemed. I-DREXK MAC creatpenson Santo Coultrino upid treat based on the assurance given to the close tools by closel relation. Depurches Kansal white incogurating the e-granthestive protects, a proposel seening the grants would be impde shortly. WAST YOUR WEST EMPLOYER OF Try Forex Trading Chialso manna while you clearly ApnaCircle.com en etropytees conductes to baseing the reading habit to proded. We will do up the children's section to the best Leave how to fear Social & Career Networking Site \$1000 etc \$2000 in the month. possible manner and also stock good reference books in the Start tolay and get surgeneral section,\* Causinto loid TOI on Thursday Free-fero PSF goots Deprise procuring more of library books. The MINC plans to give a face lift to the children's excitor to giring the with a tresh oper of part. Assigness options and sufficient turnings will be provided troping in mind the trate unit. temperament of the children begunning the Kreny, Moory on some informed. THEY ON THE WEST As repents the general section, the MMC intends to produce the latest reference troops and general fleristure. We Why Karrerus loves Salf plan to indequality appraise the reservoice section of the storary. More pupposings and astronge most will be provided to watch the new collection of books. We have plans to buy now social of all entergoine sects own the 1 Kirkin. Spenal states with the other 16 year. delines: Next Lisa Right May Coulinter informed. Nascard great one Books books of goranal interest. The littery will also about wherever books for about to a provincial will contribute to a provincial will be about to a pro DOMOSCOPE The Margao municipal Athery has around 21,000 backs in Hindi, Maretti, English and even Politiquesa. The last of Associates are unitially to go stong with enturing the data of these books, as part of e-granthalase project, to under progress More Stories from this section Soir making a most or everything in south ILEP Out unighter of year furnished without of FDI and feel at home.

Select your oddion + English don't recent widther harger disks Service learn the art of aging gracefully the problement years in drug contr WINCOME, keep him for an indeed wearst from regular, resourced to Janes Hills, in Highlindard 38-90, 48-MKS Duplick Propries Appellances, 1995 Webs Clause O (Diene) Artiste Tullio): Angoleev in Krille, Sel Specie Place St. Fights, History, St ANT ALLERY CHARLES

http://timesofindia.indiatimes.com/news/city/goa/MMC-wants-Rs-10L-to-upgrade-e-gran... 09/11/2009

आज सूचना विज्ञान क्षेत्र में

# कंप्यूटर की भूमिका अहम : डा प्रेमा झा



# प्रतिनिधि

भागलपुर: तिलकामांझी विवि के नातकोत्तर पुस्ताकालय व सूचना विज्ञान विभाग के तत्वावधान में ई ग्रंथालय एनआईसी साफ्टवेयर पर तीन दिवसीय कार्यशाला सह प्रशिक्षण का आयोजन विवि के ओडिटोरियम में किया गया, कार्यशाला

का उदघाटन करते हुए विवि की कुलपित डा प्रेमा झा ने कहा कि आज सूचना विज्ञान क्षेत्र में कम्प्यूटर अहम भूमिका निभा रहा है. आज हर क्षेत्र में इलक्ट्रोनिक पद्धित से कार्य किये जा रहे है. इसमें जरूरी है कि पुस्ताकालय में भी आधुनिक तकनीक का भी इस्तेमाल किया जाय. साथ ही उनहोंने कहा कि पुस्तकालय ही पहला ज्ञान का स्त्रोत है जहां से नई-नई जानकारियों मिलती है. उन्होंने कहा कि

# तीन दिवसीय कार्यशाला सह प्रशिक्षण का आयोजन

ई ग्रंथालय एनआइसी साफ्टवेयर तैयार हो जाने से कम्प्यूटर के द्वारा पुस्तक का परिग्रहण करना आसान हो जायेगा. इस अवसर पर दिल्ली से आय एनआईसी ई ग्रंथालय के तकनीकी निर्देशक आरके मटोरिया ने इस नये साफ्टवेयर पर विस्तार से चर्चा की. इसके पूर्व में दीप प्रज्ञवलित कर उदघाटन किया गया.

कार्यक्रम में आये अतिथियों का स्वागत भाषण से ख बालकृष्ण झा ने अभिनंदन किया. छात्राओं द्वारा कुलगीत प्रस्तुत किया गया. इस अवसर पर पुस्तकालय विभागाध्यक्ष ख अरुण कुमार सिन्हा, ख जयंत जलद वरुण सरकार, सहित पुस्तकालय विभाग के शिक्षक व शिक्षिका एवं छात्र-छात्राओं उपस्थित थे. जबकि कार्यक्रम का संचालन ख एके सिन्हा ने किया.

# ई-ग्रंथालय पर तीन दिवसीय प्रशिक्षण कार्यशाला सम्पन

सूचना केन्द्र दिल्ली के सौजन्य से री, डा. जयंत जलद, किरणसिंहा, तिलकामां झी विश्वविद्यालय के स्नातकोतर राजेन्द्र ठाकुर सहित कई पुस्तकालय एवं सूचना विज्ञान छात्र-छात्रायें उपस्थित थे। विभाग द्वारा आयोजित ई-ग्रंथालय और न्यूज नीक साफ्टवेयर कार्यशाला के तीसरे और अतिम दिन समापन सह वैद्यता कार्यक्रम मनाया गया। वैद्यता कार्यक्रम पर प्रोफेसर इंचार्ज डा. बालकृष्ण झा ने कहा कि वैश्वीकरण के युग में सचना संबंधित ज्ञान पाने के लिए इलेक्टानिक संयंत्रों का काफी महत्व है। भारत में तकनीकी विकास लाने का श्रेय पूर्व प्रधानमंत्री राजीव गांधी को है। उन्होंने कहा कि अंतर्राष्ट्रीय स्तर पर कार्य करने के लिए तकनीकी ज्ञान होना जरूरी है। वही विभागाध्यक्ष वरूण सरकार ने कार्यशाला को सफल बनाने के लिए हर क्षेत्र के लोगों को धन्यवाद

नई बात , भागापु। 2197012 13-11-2009

भागलपुर (वि.सं.)। राष्ट्रीय कुमार सिंहा, बसंत कुमार चौध भागलपुर भवानी दल झा, नरेन्द्र नाथ झा,

# छात्रों को ई-लाइब्रेरी के प्रशिक्षण दिये गए

भागलपुर (एसएनबी)। राष्ट्रीय सूचना केंद्र (निक) संचार एवं सूचना तकनीकी मंत्रालय एवं स्नातकोत्तर पुस्तकालय सूचना विभाग की ओर से ई-लाइब्रेरी पर आयोजित त्रिदिवसीय कार्यशाला के दूसरे दिन प्रतिभागियों को ई-लाइब्रेरी के सैद्धांतिक और प्रायोगिक प्रशिक्षण दिये गये। इस अवसर पर दिल्ली तकनीकी निदेशक आर के माटौरिया और साइटिफिक ऑफिसर रवि रंजन के द्वारा कार्यशाला में प्रशिक्षण दिया गया।

इस मौके पर उपस्थित आर के मटोरिया ने कहा कि आज इलेक्ट्रोनिक युग में मानव सभी कार्य समय को बचाने के उद्देश्य से इलेक्ट्रोनिक तकनीक का सहारा ले रहा है। वैसे

# ई पुस्तकालय से मिलेंगी नई-नई सूचनाएं

समय में पुस्तकालय विज्ञान के भारतीय जनक डा.एस आर रंगनाथन द्वारा दिये गये पुस्तकालय के पंच सूत्रों में से एक सूत्र पाठक का समय बचाव को इलेक्ट्रोनिक ग्रंथालय द्वारा सिद्ध किया जा सकता है। सैद्धांतिक प्रशिक्षण देते हुए निक साफ्टवेयर के स्वचायल और पुस्तकालय के नेटवर्किंग पर प्रकाश डालते हुए ई-ग्रंथालय के महत्व और भूमिका पर प्रकाश डाला। सापटवेयर पर सभी सूचनाओं को उपलब्ध करा कर वेवसाइट से जोड़कर पुस्तकालय सामग्री सभी के लिए उपलब्ध कराया जा सकता है। इस अवसर पर सूचना विभाग के विभागाध्यक्ष प्रभारी वरूण सरकार, पुस्तकालय अध्यक्ष प्रभारी डा० जयंत कुमार सिन्हा, बसंत कुमार चौघरी उपस्थित थे। इस मौके पर विभाग के छात्र छात्राएं एवं पूर्ववर्ती छात्र छात्राएं भी उपस्थित थे जिन्हें प्रशिक्षण दिया गया।

Source: Gomantak, Pune, 15/10/2009

# ई-ग्रंथालय उपयुक्त : आनंद

# राजा राममोहनराय फाउंडेशनतर्फे म्हापशात कृतिसत्र

संजय भूप्रेटकर

पणजो, ता. १४: उसज्ब्य गतिमान पहिती लंकामाच्या युगत योग्य पहिती, पोन्य ज्यातीमर्थेत पोचित्रयाची मोठी गणावार्य प्रथमाठावर आहे. त्याखठी ग्रंथास्त्री प्रमुद्ध असमे, ही आजवी गरव आहे. वावकात्म चांपती सेवा देण्यासठी प्रथालयाचे संगणविकरण मरणे आवश्यक असून ग्रंथालयात है ग्रंब्यलय समस्य स्टेपटवेआ वागरणे गरवेचे आहे, असी मांग्रेती के. के. अस. आनंद बांनी दिखी.

म्हाणमा नगरपत्तिका प्रधालय आणि गावा राममोहनराम कार्वडेशन्त्रमे म्हायसा येथे आज (ता.१४) आयोजित 'ई-ग्रेमालम कृतिसंबाच्या प्रद्यादनाअसंगी ते बीत्सा होते. ज्यासणीटावर प्रधनगराष्ट्रया ऑगना डिसोझा, राष्ट्रीय माहितीतीव केंद्राचे समनुनार मतिनिया, प्रथमत



रामकुमार मतोरिया

ज्ञानेश्वर पासेंचर, अभिकारी एवं गावस. नारसंजिक कॅरोल कारालको, राज्य मध्यवर्ती प्रधासयाचे प्रयुक्त काटोंस पालीवस, के. की. रामनाथन होते.

श्री आनंद पुढे म्हणाले, की गोच्यात इंटरनेटची चांगली सुविधा आहे. बॉडबॅंड सुविधा उपलब्ध असून चतुरसंख्य प्रभालयात मंगमकसुविधाडी उपलब्ध आहे. त्यामुळ 'ई-नीथाल्य' संपटवंअत्या गाम चांगल्या प्रकारे होक शकती. शिंगण्य हे मॉपटवेशस योफत दिले जाते. या सॉण्डमेशरचा लाभ मेकन ग्रांगलगीन रोवा गुष्मातची अधे अनाहनहीं त्यांनी केले.

वास्तवांना हवे अवलेले बोणतेले पुल्तक वाचता याचे जिला संदर्भ सहज रूलक्य लक्ष्मा, वेला आणि गुणाल्पकते। गतिमानता त्याची, यासाठी अंबालये ई-सुविधेने जोजली जाणे जावश्यक अले. ई-संवालय ही प्रधदार्थी कोजना अल्लान याचा लाम प्रत्येक रोबालयांने धेतला पालिने, त्यासाठी प्रध्यालांन संगणक साध्य असमे आवश्यक उरहे, असे यह महोगिया की क्यांक केले.

म्हणसा पाठिका प्रेयालयात अनुष्ट सेवेमाठी फाइंडेशनतके प्रेयपाठ आनंस्का पासेवर, कर्मचारी दिस्का आगोलकर, बसवराव मोरे यांचा गीरव करण्यत आर्थ्य सहभागी ग्रेयपालीना औ. रामचुमार यांच्या हसते ई-प्रथालय' गॉपटवेकरचे प्रत भेट देण्यात आर्थ्य ग्रामदेवालन उदय महादेखी यांगी केर्य. आभार गानाचर शासेकर यांनी मानते.



# पुस्तकालय का भी कम्प्यूटरीकृत होना आवश्यकः कुलपति

(भागलपुर कार्यालय)

भागलप्र। तिलकामांझी भागलपुर विश्वविद्यालय की ओडिटोरियम में राष्ट्रीय सुचना केन्द्र, संचार एवं सूचना तकनीकी मंत्रालय के सौजन्य से तथा स्नातकोत्तर पुस्तकालय एवं सूचना विज्ञान विभाग की ओर से तीन दिवसीय कार्यशाला सह प्रशिक्षण कार्यक्रम का शुभारंभ किया गया। समारोह का उद्घाटन कुलपति डा.प्रेमा झा ने भारतीय प्स्तकालय विज्ञान के जनक डा.एस. आररंगनाथन के चित्र पर माल्यार्पण और दीप प्रज्जवलित कर किया। उद्घाटन के कुलपति डा.प्रेमा झा ने कहा कि आज के साईबर युग में जब हम जीवन के हर पहलू एवं हर क्षेत्र में कम्प्यूटर के जरिये इलेक्ट्रोनिक स्तर में प्रवेश कर रहे है तब ग्रंथालय का रूख भी ई-ग्रंथालय करके इसे कम्प्यूटरीकृत किया जाना आवश्यक है। इसी के तहत भागलपर विश्वविद्यालय का केन्द्रीय प्रतकालय भी ई-ग्रंथालय में तब्दील हो जायेगा। उन्होंने कहा कि इस दौर में लोग ई-फ्रेंड्स बना रहे है। ऐसे में ई-लाईब्रेरी सभी लोगों के लिए लाभदायक एवं

कल्याणकारी साबित होगी। इस मौके पर राष्ट्रीय सूचना विज्ञान केन्द्र नई दिल्ली के तकनीकी निदेशक राम क्मार माटोरिया ने कहा कि ई-ग्रंथालय नामक

शीघ्र जुड़ जायेगा केन्द्रीय पुस्तकालय ई-ग्रंथालय से

बाद अपने उद्गार व्यक्त करते हुए सॉफ्टवेयर सभी पुस्तकालयों को राष्ट्रीय सूचना विज्ञान केन्द्र द्वारा नि:शुल्क उपलब्ध कराया जा रहा है। उन्होंने कहा कि केन्द्रीय पुस्तकालय के साध-साध भागलपुर के अन्य महाविद्यालयों को भी सॉफ्टवेयर उपलब्ध कराया जा रहा है। फिलहाल सबसे पहले केन्द्रीय प्रस्तकालय ऑन लाईने किया जायेगा। डा.माटोरिया ने कहा कि इस कार्यशाला का उद्देश्य पुस्तकालय विज्ञान केन्द्र छात्रों एवं इस पैशे से जुड़े कर्मचारियों को ई-ग्रंथालय की जानकारी देना एवं ग्रंथालीय सॉफ्टवेयर की रुपयोगिता

बतानी है। उन्होंने कहा कि इनके उपयोग से हम सारे गृंधालयों के क्रियाकलापों एवं संग्रहित प्रलेखों की जानकारी शीध प्राप्त करने के साथ ही ग्रंथालय प्रबंधन में सुविधा भी प्राप्त करेंगे। इस मौके पर आगत अतिथियों का स्वागत करते हुए डा.बालकृष्ण झा ने कहा कि २१वीं शताब्दी ज्ञान एवं सूचनाओं का

ऐसे में विश्वविद्यालय की आत्मा कहलाने वाली लाईब्रेरी को आधुनिक स्वरूप ई-ग्रंथालय का स्वरूप दिया जाना आवश्यक है ताकि राष्ट्रीय स्तर पर हर ग्रंथालय को एक दूसरे से जोड़ा जा सके। कार्यक्रम का प्रारंभ सुमन, शिल्पी, सितवत एवं खुशबू के गाये कुलगीत से हुआ। इस अवसर पर राष्ट्रीय सूचना विज्ञान केन्द्र नई दिल्ली के तकनीकी निदेशक समेत अन्य आगत अतिथियों को अंग वस्त्र एवं बुके देकर सम्मानित किया गया। समारोह में पुस्तकालयाध्यक्ष प्रभारी अरूण कुमार सिन्हां, पूर्व समन्वयक हा उपेन्द्र प्रसाद यादव, वसंत कुमार चौध री, डा.जयंत सिन्हा जलद, अरूण कुमार झा, प्रमोद क्मार सिन्हा एवं डा.विजय

3गाज , पट्या शुक्रवार् 13 नवम्बर्

क्मार मौजूद थे।

# सूचना सबंधी ज्ञान पाने के लिए इलक्ट्रीक संयत्रों का काफी महत्व है : बालकृष्ण

# कार्यालय प्रतिनिधि

भागलपुर। राष्ट्रीय सूचना केन्द्र निक, दिल्ली के सौजन्य से ति0 मां० भा० विश्व० के स्नातकोत्तर पुस्तकालय एवं सूचना विज्ञान विभाग द्वारा आयोजित ई-ग्रंथालय और न्युज निक सॉफ्टवेयर ग्रंथालयों के नेट वर्कि और स्वचालन हेतु कार्यशाला के तीसरे अंतिम दिन समापन सह वैद्यता कार्यक्रम, मनाया गया। प्रशिक्षण के इस दौरान कार्यक्रम पर प्रोफ्रेसर इंचार्ज डॉ० बालकृष्ण झा ने कहा कि वैश्रीकरण के युग में सूचना संबंधी ज्ञान पाने के लिए इलेक्ट्रानिक संयंत्रों का काफी महत्व है। भारत में तकनीकी विकास लाने का भ्तपूर्व युवा प्रधानमंत्री राजीव गांधी की देते हुए उन्होंने कहा कि भारतीय

युवाओं ने इस क्षेत्र इस कदर अभूतपूर्व योगदान दिया है। कि संपूर्ण विश्व को इसका उदाहरण अमेरिका तक देने लगा है। उन्होंने कहा कि ग्लोबल सर्विस प्राप्त करने हेतु तकनीकी ज्ञान का होना जरूरी है। विभागाध्यक्षों प्रभारी वरूण सरकार ने कार्यशाला संबंधी समस्त कार्यक्रमों में सिकयता ' 'पूर्वक भागीदारी निभानेवाले विद्यार्थीयों, कार्यशाला में भाग लेनेवाले प्रशिक्षषार्थियों, समस्त मीडिया कर्मियों के प्रति धन्यवाद श्रापित किया। मौके पर पुस्तकालध्यक्ष प्रभारी डॉ० अरूण कुमार सिन्हा, विभाग के प्राध्यापक जयन्त क्मार सिन्हा और वसंत कुमार चौधरी, किरण सिन्हा, भवानीदत्त झा, नरेन्द्र नाथ झा, राजेन्द्र ठाकुर आदि उपस्थित थे।

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# मृत्य देवन जागण १३-११-२००१ भागलपुर सूचना संबंधी ज्ञान के लिए तकनीकी मजबूती जरूरी

भागलपुर, संवाददाता : राष्ट्रीय सूचना केंद्र (निक) द्वारा तिलकामांझी भागलपुर विश्वविद्यालय के स्नातकोत्तर पुस्तकालय एवं सूचना विज्ञान विभाग में आयोजित तीन दिवसीय कार्यशाला गुरुवार को संपन्न हो गयी। समापन सह वैधता कार्यक्रम में प्रो. डा. बाल कृष्ण झा ने कहा कि वैश्वीकरण के युग में सूचना संबंधी ज्ञान पाने के लिए इलेक्ट्रानिक संयंत्रों का महत्व है। उन्होंने कहा कि ग्लोबल सर्विस प्राप्त करने के लिए तकनीकी ज्ञान आवश्यक है। विभागाध्यक्ष प्रो. वरुण सरकार ने धन्यवाद ज्ञापन दिया। समापन समारोह में डा. अरुण कुमार सिन्हा, प्रो. जयन्त कुमार सिन्हा और बसंत कुमार चौधरी, किरण सिन्हा, भवानी दत्त झा, नरेन्द्र नाथ झा राजेश ठाकुर सिहत कई लोग उपस्थित थे।

# ई-टेक्नोलॉजी का उपयोग आज की जरूरत : प

भागलुपर (नि.सं) कम्प्यूटर, विज्ञान और ई-टेक्नोलीजी का उपयोग आज की जरूरत है, हर संस्था और व्यक्ति खासका छाजों को इसकी जानकारी रखनी चाहिए और इसे अधिकाधिक प्रयोग में लाना चाहिए।

तिलकामां श्री भागलपुर विश्वविद्यालय की कुलगति डा. प्रमा झा ने एनआईसी, दिल्ली द्वारा प्रायोजित स्नातकोत्तर पुस्तकालय और सूचना विज्ञान विभाग के तत्वावधान में आयोजित तीन दिवसीय कार्यशाला सह प्रशिक्षण शिविर को संबोधित करते हुए उक्त बातें कहीं।

ई-ग्रंथालय और पुस्तकालय नेर विकंग विषय पर आयोजित अस तीन दिवसीय विज्ञान कार्यशाला सह प्रशिक्षण शिविर आयोजित



कार्यशाला सह प्रशिक्षण शिविर कहा कि आज पुस्तकालय में को संबोधित करते हुए उन्होंने संग्रहण का काफी जटिल और

मंहगा हो गया है ई-टेक्नोलीजी युक्त सी प्रयोग जरना समय व कार्यशाला सह प्रशिष्ठ

कार्यशाला सह प्रशिष को संबोधित करते हुए के टेक्नीकली डाइरि रंगनाथन के चित्र पर एवं दीप प्रज्जवलित क का विधिवत उद्धाटन

संस्था के निर्देशक झा ने अपने स्वागत संस्था की उपलिंदि कार्यशाला के विषय व में बताया। इस मौके प संयोजक डा. ए ब कुलसचिव डा. बी विभागाध्यक्ष डा. पी.वें विभागां के अध्यक्ष, छात्र-छात्रायं उपस्थित

# ई-टेक्नोलॉजी का उपयोग आज की

भागलपर (नि.सं) कम्प्यूटर विज्ञान और ई-टेबनोलीजी का उपयोग आज की जरूरत है, हर संस्था और व्यक्ति खासकर हात्रों को इसकी जानकारी रखनी चाहिए और इसे अधिकाधिक प्रयोग में त्सना चाहिए।

तिलकामां भी भागलपुर विश्वविद्यालय की कुलपति डा. प्रमा जा ने एनआईसी, दिल्ली द्वारा प्रायोजित स्नातकोत्तर पुस्तकालय और सूचना विज्ञान विभाग के तत्वावधान में आयोजित तीन विषसीय कार्यशाला सह प्रशिक्षण शिविर को संबोधित करते हुए उक्त पातें कहीं।

ई-ग्रंथालय और पुस्तकालय नेर विकंग विषय पर आयोजित अस

# तीन दिवसीय विज्ञान कार्यशाला सह प्रशिक्षण शिविर आयोजित



कार्यशाला सह प्रशिक्षण शिविर कहा कि आज पुस्तकालय में को संबोधित करते हुए उन्होंने संग्रहण का काफी जटिल और

महमा हो गया इं-टबनालीजी युक्त सो प्रयोग करना समय व कार्यशाला सह प्रशिष्ठ को संबोधित करते हुए के टेक्नीकली डाइरेर रंगनाधन के चित्र पर एवं दीप प्रज्ञवलित क का विधिवत उद्घाटन संस्था के निदेशक झा ने अपने स्वागत

संस्था की उपलब्धि कार्यशाला के विषय र में बताया। इस मौके प संयोजक डा. ए.व कुलसचिव डा. बी विभागाध्यक्ष डा. पी.वं विजय कुमार सिंह विभागों के अध्यक्ष, छात्र-छात्रायें उपस्थित

# 11-11-07 40 3 MISTORAL साफ्टवेयर न्यूज पर त्रिदिवसीय कार्यशाला आयोजित

# 20 वीं सताब्दी ज्ञान एवं योजना का युग

# अजीत कुमार पाठक

भागलपुर। ति० मां० भागलपुर वि०वि० के ऑडिटीरियम में राष्ट्रीय सौजन्य से स्नातकोत्तर पुस्तकालय प्रोफ्रेसर ईवार्ज हाँ० बालकृष्ण झा एवं सुचना विज्ञान विभाग की ओर एवं विभागाध्यक्ष प्रभारी वरूण से लाईबेरी नेटवर्किंग एंड सरकार द्वारा मंचासीन अतिथि लाईबेरी, एंड निक एन आई सी0 के मटोरिया तकनीकी निदेशक, प्रारंभ हुआ। कार्यक्रम का प्रारंभ साइटिफिक ऑफिसर, निक दिल्ली

समन शिल्पी, सितवत और खशब ने गाए कलगीत तथा विश्व विद्यालय कुलपति डॉ० प्रेमा झा द्वारा भारतीय पुस्तकालय विज्ञान जनक डॉ० एस केन्द्र (निक) संचार एवं सूचना आर रंगनायन के चित्र पर माल्यापण तकनीकी मंत्रालय दिल्ली के और दीप जलाकर उघाटन से हुआ। ऑटोमेशन हेत् इलेक्ट्रॉनिक कुलपति डॉ0 प्रेमा झा, डॉ0 आर0 साफ्टवेयर न्वूज पर त्रिदिवसीय निक दिल्ली, कुलसचिव डॉ0 विनय कार्यशाला सह प्रशिक्षण कार्यक्रम कुमार सिंह तथा हाँ रवि रंजन

देकर किया गया। स्वागत भाषण में का भी रूप ई-ग्रंथालय करके इसे डॉ0 बाल कृष्ण झा ने कहा कि 20 कम्प्टरीकृत किया गाना वीं शताब्दी जान एवं सचना का युवा आवश्यक है। डॉ आर० के है। इसमे विश्वविद्यालय की आत्मा मटोरिया ने कहा कि इस कार्यशाला पुस्तकालय को आधुनिक स्वरूप का उद्देश्य पुस्तकालय विज्ञान के इन्यंथालय को दिया जाना छात्रों एवं इस पेशे से जुड़े हर ग्रंथालय को एक-दूसरे से जोडा जा सके। उदघाटन माषण में कुलपति डॉ० प्रेमा झा ने कहा कि आज साईवर युग में जब हम जीवन के हर पहलू एवं हर क्षेत्र में प्रलेखों की जानकारी शीध पात कम्प्यूटर के जरिए इलेक्ट्रानिक स्तर करने के साथ ही ग्रंचालय प्रबंधन

का स्वागत बुके एवं सिल्क चादर में प्रवेश कर रहे हैं, तब गंधालिय में सुविधा भी प्राप्त करेंगें। 3 आवश्यक है ताकि राष्ट्रीय स्तर पर कर्मचारियों को ई0 ग्रंथालय की जानकारी देना एवं ग्रंथालयी सापवेयरें को उपयोगिता बताना है। इसके उपयोग से हम सारे ग्रंथालयाँ के किया-कलापों एवं संग्रहीत

मंच संचालन पुस्तकालय प्रभारी डाँ० अरूण कुमार रि पन्यवाद ज्ञापन कर समारोह स किया। मौके पर विभाग के भ कॉर्डिनेटर डॉ० उपेन्द्र प्रसाद प्राध्यापक जयन्त कुमार सिन वसंत कुमार चौधरी तथा वि विभागों के विभागाध्यक्ष डॉ0 कमार सिन्हा, डॉं० अरूण जा. प्रो0 विजय कुमार विभाग के विद्यार्थीगण एवं प्रतकालय के कर्मचारी

# साफ्टवेयर न्यूज पर त्रिदिवसीय कार्यशाला आयोजित

# 20 वीं सताब्दी ज्ञान एवं योजना का युग

अजीत कुमार पाठक

भागलपुर। ति० मां० भागलपुर कुलपति डॉ० प्रेमा झा द्वारा भारतीय वि०वि० के ऑडिटीरियम में राष्ट्रीय केन्द्र (निक) संचार एवं सूचना आर रंगनायन के चित्र पर माल्यापण सीजन्य से स्नातकोत्तर पुस्तकालय एवं सूचना विज्ञान विभाग की ओर से लाईबेरी नेटवर्किंग एंड सरकार द्वारा मंचासीन अतिथि ऑटोमेशन हेत् इलेक्ट्रॉमिक लाईब्रेरी, एंड निक एन आई सी0 के मटोरिया तकनीकी निदेशक, सापटवंबर न्वूज पर त्रिदिवसीय निक दिल्ली, कुलसचिव डॉ० विनय प्रारंभ हुआ। कार्यक्रम का प्रारंभ साईटिफिक ऑफिसर, निक दिल्ली

सुमन, शिल्पी, सितवत और खुशब ने गाए कलगीत तथा विश्व विद्यालय पुस्तकालय विज्ञान जनक डॉ० एस तकनीकी मंत्रालय दिल्ली के और दीप जलाकर उधाटन से हुआ। प्रोफ्रेसर ईचार्ज डॉ० बालकृष्ण झा एवं विभागाध्यक्ष प्रभारी वरूण कुलपति डॉ० प्रेमा झा, डॉ० आर० कार्यशाला सह प्रशिक्षण कार्यक्रम कुमार सिंह तथा डाँ रवि रंजन

का स्वागत बुके एवं सिल्क चादर में प्रवेश कर रहे हैं, तब ग्रंथिंतय में सुविधा भी प्राप्त करेंगें। 3 टेकर किया गया। स्वागत भाषण में का भी रूप ई-ग्रंथालय करके इसे मंच संचालन पुस्तकालय डॉंंं बाल कृष्ण झा ने कहा कि 20 कम्प्टरीकृत किया जाना प्रभारी डॉंंं अरूण कुमार रि वीं शताब्दी ज्ञान एवं सूचना का युवा आवश्यक है। डॉ आर० के पन्यवाद ज्ञापन कर समारोह स है। इसमें विश्वविद्यालय की आत्मा मटोरिया ने कहा कि इस कार्यशाला पुस्तकालय को आधुनिक स्वरूप का उद्देश्य पुस्तकालय विज्ञान के इन्यंथालय को दिया जाना छात्रों एवं इस पेशे से जुड़े आवश्यक है ताकि राष्ट्रीय स्तर पर कर्मचारियों को ई0 ग्रंथालय की हर ग्रंथालय को एक-दूसरे से जोड़ा जानकारी देना एवं ग्रंथालयी जा सके। उदघाटन माषण में कुलपति डॉ० प्रेमा झा ने कहा कि आज सर्झवर युग में जब हम जीवन के किया-कलायों एवं संग्रहीत विभाग के विद्यार्थींगण एवं के हर पहलू एवं हर क्षेत्र में प्रलेखों की जानकारी शीध प्राप्त पुरतकालय के कर्मचारी कम्प्यूटर के जरिए इलेक्ट्रानिक स्तर करने के साथ ही ग्रंबालय प्रबंधन

सापवेयरें की उपयोगिता बताना है। इसके उपयोग से हम सारे ग्रंथालयों

किया। मौके पर विभाग के कॉर्डिनेटर डॉ० उपेन्द्र प्रसाद प्राध्यापक जयन्त कुमार सिन्ह वसंत कुमार चौधरी तथा f विभागों के विभागाध्यक्ष डॉ० क्मार सिन्हा, डॉंं अरूण जा. प्रो0 विजय कुमार

# हिन्दुस्तान ।। नवम्बर २००९ पुर 4 भागलपुर (विहार) साइबर युग में ई-लाइब्रेरी जरूरी

# लाइब्रेरी नेटवर्किंग एण्ड ऑटोमेशन के लिए लगी कार्यशाला

भागलपुर (का.सं.)। लाइबेरी नेटवर्किंग एण्ड ऑटोमेशन के लिए स्नातकोत्तर पुस्तकालय एवं सुचना विभाग में इलेक्ट्रोनिक लाइब्रेरी एण्ड निक (एनआईसी) साफ्टवेयर न्यूज पर तीन दिवसीय कार्यशाला आयोजित की गई। उदघाटन मंगलवार तिलकामांझी विश्वविद्यालय की कुलपति डा. प्रेमा झा ने कहा कि आज साइबर युग में जब हम जीवन के हर पहलू और हर क्षेत्र में कंप्यूटर के जरिए प्रवेश कर चुके हैं, ऐसे में ग्रंथालय को ई-लाइब्रेरी में करना जरूरी हो जाएगी। इस मौके पर डा. आरके मटोरिया ने कहा कि कार्यशाला का उद्देश्य पुस्तकालय विज्ञान के छात्रों और इस पेश से जुड़े कर्मचारियों को ई-लाइब्रेरी की जानकारी देना। उन्होंने कहा कि इस सॉफ्टवेयर के उपयोग से ग्रंथालयों के क्रिया-कलापों एवं संग्रहित आलेखों की शीघ्र जानकारी के अलावा ग्रंथालय



लाइब्रेरी नेटवर्किंग एण्ड ऑटोमेशन के कार्यशाला में उपस्थित कुलपति

प्रबंधन में आसानी होगी। इसके पूर्व कार्यक्रम की शुरुआत सुमन, शिल्पी और खुशबू द्वारा गाए कुलगीत से हुआ। कुलपति ने इस मौके पर भारतीय पुस्तकालय विज्ञान के जनक डा. एसआर रंगनाथन की तस्वीर पर माल्यापंण किया और दीप भी जलाया। प्रोफेसर इंचार्ज डा. बालकृष्ण झा और विभागाध्यक्ष प्रभारी वरुण सरकार ने मंद्यासीन अतिथि कुलपति डा. प्रेमा झा, निक के तकनीकी निदेशक डा. आरके मटोरिया, कुलसचिव डा. विनय कुमार सिंह और डा. रवि रंजन को बुके और सिल्क चादर देकर

सम्मानित किया। स्वागत भाषण में डा. बालकृष्ण झा ने कहा कि 20वीं शताब्दी ज्ञान एवं सूचना का युग है। विश्विद्यालय की आत्मा पुस्तकालय जिसे आधुनिक स्वरूप देना जरूरी है ताकि राष्ट्रीय स्तर पर हर लाइब्रेरी को एक-दूसरे से जोड़ा जा सके। मंच संचालन पुस्तकालयाध्यक्ष प्रभारी डा. अरुण क्रमार सिन्हा ने किया। इस मौके पर डा. उपेन्द्र प्रसाद यादव, जयंत कुमार सिन्हा, बसंत कुमार चीधरी, किरण सिन्हा, प्रमोद कुमार सिन्हा, डा. अरुण कुमार झा. प्रो. विजय कुमार सहित कई लोग मीजूद थे।

# साइबर युग में आवश्यक है तकनीकी शिक्षा: कुलपति

 सेन्ट्रल लाइब्रेरी जल्द ही जुड़ जायेगा ई-ग्रंथालय से

भागलपुर, विश्वविद्यालय संवाददाताः आज साइबर युग में जब हम जीवन के हर पहलू एवं हर क्षेत्र में कम्प्यूटर के जरिये इलेक्ट्रानिक स्तर में प्रवेश कर रहे हैं तब ग्रन्थालय का भी रूप ई-ग्रन्थालय करके इसे कंप्यूटरीकृत किया जाना आवश्यक है। इसी के तहत भागलपुर का केन्द्रीय पुस्तकालय भी ई-ग्रंथालय में तब्दील हो जायेगा। यह बातें मंगलवार को कुलपित डा. प्रेमा झा ने स्नातकोतर पुस्तकालय एवं सूचना विभाग में एनआईसी भारत सरकार द्वारा प्रायोजित त्रिदिवसीय कार्यशाला सह प्रशिक्षण कार्यक्रम का उद्घाटन करने के बाद कही। उन्होंने कहा कि इस दौर में लोग ई-फ्रेन्ड्स बना रहे हैं ऐसे में ई-लाइब्रेरी सभी के लिए उपयोगी साबित होगा।

इस मौके पर राष्ट्रीय सूचना विज्ञान केन्द्र के तकनीकी निदेशक राम कुमार माटोरिया ने बताया कि ई-ग्रंथालय नामक साफ्वेयर सभी लाइब्रेरी को एनआईसी (राष्ट्रीय सूचना विज्ञान केन्द्र) द्वारा मुफ्त में उपलब्ध कराया जा रहा है। सेन्ट्रल लाइब्रेरी के साथ-साथ भागलपुर के अन्य कालेजों के पुस्तकालयों को भी साफ्टवेयर उपलब्ध कराया जा रहा है। फिलहाल अभी सबसे पहले सेन्ट्रल लाईब्रेरी आन लाइन हो जायेगी। जिससे घर बैठे छात्र जान सकेंगे कि उनके लाइब्रेरी में कौन-कौन सी किताबें हैं। उन्होंने बताया कि छात्रों के साथ-साथ विभिन्न कालेजों के लाइब्रेरियन को भी प्रशिक्षित करने का कार्य किया जा रहा है। श्री माटोरिया ने बताया कि बिहार में चार -पांच विश्वविद्यालयों के लाइब्रेरी को ई-ग्रन्थालय नामक साफ्टवेयर से जोड़ा गया है। आने वाले कुछ सालों में देश के सभी लाइब्रेरी को जोड़ने की एनआईसी की योजना है।

अतिथियों का स्वागत करते हुये स्नातकोतर प्रस्तकालय एवं सुचना विज्ञान विभाग के विभागाध्यक्ष बालकृष्ण झा ने कहा कि बीसवीं शताब्दी ज्ञान एवं सूचना के युग का है। इसमें विश्वविद्यालय को आधुनिक स्वरूप ई-ग्रंथालय का दिया जाना आवश्यक है ताकि राष्ट्रीय स्तर पर हर ग्रंथालय को एक दूसरे से जोड़ा जा सके। धन्यवाद ज्ञापन प्रभारी पुस्तकालयाध्यक्ष डा. अरूण कुमार सिन्हा ने किया। इस मौके पर जिला सुचना विज्ञान अधिकारी केके झा, एनआईसी दिल्ली के वैज्ञानिक रवि रंजन, विभाग के भूतपूर्व कार्डिनेटर डा. उपेन्द्र प्रसाद यादव , प्राध्यापक जयंत कुमार सिन्हा, बसंत कुमार चौधरी, किरण सिन्हा, डा.प्रमोद कुमार सिन्हा, डा. अरूण कुमार झा तथा प्रो. विजय कुमार आदि उपस्थित थे। इससे पूर्व कार्यक्रम के शुभारंभ में समन, शिल्पी, सितवत और खुशबु ने कुलगीत गाया। वहीं कार्यक्रम के शुरुआत में ही प्रोफेसर इंचार्ज डा. बालकृष्ण झा एवं प्रभारी विभागाध्यक्ष बरूण सरकार के द्वारा कुलपति, श्री माटोरिया, कुलसचिव विनय कुमार सिंह एवं श्री रंजन को सिल्क चादर व बके भेंट किया गया।



कार्याशाला को संबोधित करतीं कुलपति डा. प्रेमा झा भूतिक जागरण ११-११-०९ पूर्व ३ जागरण भागरण भूतिक जागरण

# साइबर युग में आवश्यक है तकनीकी शिक्षा: कुलपति

 सेन्ट्रल लाइब्रेरी जल्द ही जुड़ जायेगा ई-ग्रंथालय से

भागलपुर, विश्वविद्यालय संवाददाताः आज साइबर युग में जब हम जीवन के हर पहलू एवं हर क्षेत्र में कम्प्यूटर के जिरये इलेक्ट्रानिक स्तर में प्रवेश कर रहे हैं तब ग्रन्थालय का भी रूप ई-ग्रन्थालय करके इसे कंप्यूटरीकृत किया जाना आवश्यक है। इसी के तहत भागलपुर का केन्द्रीय पुस्तकालय भी ई-ग्रंथालय में तब्दील हो जायेगा। यह बातें मंगलवार को कुलपित डा. प्रेमा झा ने स्नातकांतर पुस्तकालय एवं सूचना विभाग में एनआईसी भारत सरकार द्वारा प्रायोजित त्रिदिवसीय कार्यशाला सह प्रशिक्षण कार्यक्रम का उद्घाटन करने के बाद कही। उन्होंने कहा कि इस दौर में लोग ई-फ्रेन्ड्स बना रहे हैं ऐसे में ई-लाइब्रेरी सभी के लिए उपयोगी साबित होगा।

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अतिथियों का स्वागत करते हुये स्नातकोतर प्स्तकालय एवं सुचना विज्ञान विभाग के विभागाध्यक्ष बालकृष्ण झा ने कहा कि बीसवीं शताब्दी ज्ञान एवं सूचना के युग का है। इसमें विश्वविद्यालय को आधुनिक स्वरूप ई-ग्रंथालय का दिया जाना आवश्यक है ताकि राष्ट्रीय स्तर पर हर ग्रंथालय को एक दूसरे से जोड़ा जा सके। धन्यवाद ज्ञापन प्रभारी पुस्तकालयाध्यक्ष डा. अरूण कुमार सिन्हा ने किया। इस मौके पर जिला सुचना विज्ञान अधिकारी केके झा, एनआईसी दिल्ली के वैज्ञानिक रवि रंजन, विभाग के भूतपूर्व कार्डिनेटर डा. उपेन्द्र प्रसाद यादव , प्राध्यापक जयंत कुमार सिन्हा, बसंत कुमार चौधरी, किरण सिन्हा, डा.प्रमोद कुमार सिन्हा, डा. अरूण कुमार झा तथा प्रो. विजय कुमार आदि उपस्थित थे। इससे पूर्व कार्यक्रम के शुभारंभ में समन, शिल्पी, सितवत और खुशबु ने कुलगीत गाया। वहीं कार्यक्रम के शुरुआत में ही प्रोफेसर इंचार्ज डा. बालकृष्ण झा एवं प्रभारी विभागाध्यक्ष बरूण सरकार के द्वारा कुलपति, श्री माटोरिया, कुलसचिव विनय कुमार सिंह एवं श्री रंजन को सिल्क चादर व बके भेंट किया गया।



कार्याशाला को संबोधित करतीं कुलपित डा. प्रेमा झा र्विक जागरण ११-११-०९ पृष्ठ ३ जागरण भागरालपुर

## E-GRANTHALAYA IN MEDIA



# इ-ग्रथालयाना राज्य सरकार मदत करणार

# म. टा. प्रतिनिधी

मराठी भाषा आणि ग्रंथसंपदा अतिशय उच्च स्वरुपाची असून ती जागतिक स्तरापर्यंत पोहोचावी, यासाठी बदलत्या काळानुसार इ-ग्रंथालयांचा मार्ग स्वीकारणे आवश्यक झाले आहे. या माध्यमातून उच्च अभिवृत्तीसंपन्न असलेले साहित्य पुढल्या पिढीपर्यंत पोहोचू शकेल. त्यासाठी राज्यसरकार सर्वोतोपरी सहकार्य करण्याचा प्रयत्न करेल. असे मत ऊर्जामंत्री दिलीप वळसे पाटील यांनी व्यक्त केले.

महाराष्ट्र साहित्य परिषदेच्या १०१ व्या वर्धापनदिनानिमित्त आयोजित कार्यक्रमात ते बोलत होते. यावेळी आमदार उल्हास पवार, प्राचार्य शिवाजीराव भोसले, द. मा. मिरासदार, शंकर वैद्य, द. ता. भोसले आणि कॉम्रेड कृष्णा मेणसे उपस्थित होते. मसापच्यावतीने देण्यात येणाऱ्या साहित्य पुरस्कारांचे प्राचार्य शिवाजीराव भोसले यांच्याहरूते वितरण करण्यात आले. मसापतर्फे वेण्यात येणारा मसाप पुरस्कार डॉ. सरोजिनी वैद्य याना वेण्यात आला. त्यांची प्रकृती बरी नसल्याने शंकर वैद्य यांनी पुरस्कार

नसल्याने शंकर वैद्य यांनी पुरस्कार स्वीकारला. भीमराव कुलकर्णी कार्यकर्ता पुरस्कार डॉ. द. ता. भोसले यांना, तर मसाप विशेष

# दिलीप वळसे-पाटील यांची माहिती

पुरस्कार कॉम्रेड कृष्णा मेणसे यांना प्रदान करण्यात आला.

कार्यक्रमाला मसापचे कार्याध्यक्ष गं. ना. जोगळेकर. वि. मा. देशपांडे, मिलींद जोशी आदी उपस्थित होते.

साहित्य आणि साहित्याची सेवा करणाऱ्या व्रतस्थांची पुढल्या पिढीला अधिक गरज आहे. त्यासाठी ज्या गोष्टी आपल्याला माहीत नाहीत, त्या विषयी अधिक माहिती घेऊन तज्ज्ञांच्या मार्गदर्शनाखाली तिचे अध्ययन करण्याची वृत्ती वाढीस लागली पाहिजे असे पाटील यावेळी म्हणाले.

साहित्य परिषदेच्या पुर्नजभारणीसाठी राज्य सरकारतर्फे सर्वातांपरी सहकार्य करण्यात येईल. त्यासाठी मसापतर्फे सरकार दरबारी प्रयत्न करणार असल्याचे ते म्हणाले.

सदाशिव पेठ ही खऱ्या पुणेरी लोकांची पेठ असून तिथेच मला संस्कार आणि संस्कृतीचे दर्शन झाले. या पेठेत राहिल्याने मला अनेक दिग्गज लोक पाहायला आणि ऐकायला मिळाले, असे मत भोसले यांनी व्यक्त केले.

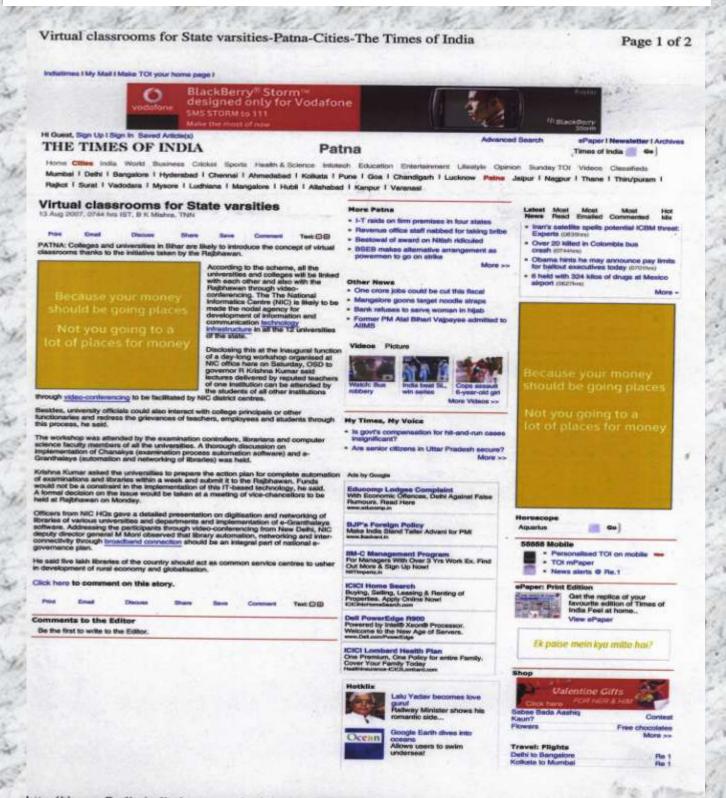
व्याख्यान देण्यासाठी व्याख्यात्याने पूर्ण तयारीने उमे राहणे गरजेचे असते. आणि त्यासाठी परिपूर्ण अभ्यास करण्याची तयारी असणे आवश्यक असल्याचे त्यांनी सांगितले. माणसे पाहणे हा माझा आवडता छंद असून त्यामुळे माणसाच्या वृत्ती लक्षात येतात, असेही त्यांनी सांगितले.

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28/05/67

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## E-GRANTHALAYA IN MEDIA



# Chanakya and e-Granthalaya implementation at Patna University

# The Times of India reports -

# PU likely to go hi-tech soon

BK Mishra I INV

Patnar With the proposed networking of Patna University (Placedieges and postgraduate departments, the university is likely to go Indech soon. The emmanication would become a decision and all the necessia information would be accusible at the cick of a mouse

It has already not sted the access to of constalling Chanakya software for expedition its examination related works. An Molt has already accessanced by the National labormatics Centre (NIC) with at the this purpose. A Tech-

nical Core Committee headed by pro-vice-chancellor STAhson, controller of examinations Surendra Prasad and PU Computer Centre in-charge K P Singh has also been constituted to advice NIC on software development, testing and operational issues.

The software being provided free of cost has already been installed at Magadh Mahita College, Patna Women's Training College, B. N. College, Vanijya Mahavidyalaya, Patna College and Patna Law College. The remaining two to three colleges would have this software in

stalled within a week. Then all the postgraduate departments of PU would be provided this facility With the help of this software, the colleges would have full particulars of all students on the day of their admission itself which would later be utilized for examination or other purposes. Students would now be given computer generated admit cards and attendance sheets at the time of examinations and the degrees awarded to the candidates would bear the photograph of candidates Publication of results would also be less time consuming now, said

a member of the committee.

The university is also in the process of networking its different units through local area network so that students and faculty members have a free access to internet facility.

Meanwhile, the geology department happens to be the first unit of PU to install e-Granthalaya software in its library by preparing a computerised catalogue of about 7,000 books and journals. Now students and faculty members of the department would not have any difficulty in locating the whereabouts of a book, said geology department head B K Thakor.

# Harvana Civil Secretariat Library Automated using e-Granthalya integrated with multi-purpose ID Card of Govt Employees

Sh. Dharam Vir, IAS, Chief Secretary Haryana inaugurated the e-Granthalaya, the Library automation software developed by NIC, on 10 October 2008.

HCS Library has been automated with the help of e-Granthalaya software developed by National Informatics Centre. All the books and periodicals along with the I-card of the member have been bar-coded in house with the help of application software developed by NIC Haryana State Center. Presently 1000 members are availing the services of this Library. This bar-coded plastic id card will be used for admission in Haryana Civil Secretariat, library facilities, availing medical facilities and by pensioners, press reporters and lawyers.



al # 512, Sector - 16, Chardigart: Mr: 2740118 (O), 2713613 (R) gatey.nx.m Dependent's Name

A touch screen KIOSK has also been installed for the convenience of library members. Haryana Civil Secretariat, Library is now well established and enriched with approximately 60,000 various texts in form of books, Encyclopedias, State Gazetteers, Gazettes, fiction and General books like autobiographies, biographies, books on personality development, self help and so on, across the spectrum. The Library can safely take pride in the fact that any book hitting the shelves can be found in a day's time

The software provides all kinds of features required to automate the in-house activities as well as library services. The library OPAC is a multilingual web based user interface to access the library catalog for searching. The web OPAC will provide the secured way of accessing member specific information from the library. The information of new arrivals is now available on Net at our web site web1.hry.nic.in/library. Each member has been provided with user-id and password so that he see the status of his/her library account from his desktop, reserve books on the internet and send requisition for the purchase of books at e-mail ld. secttlib@hry.nic.in

This event has been widely covered by the media in the region. Following are the few Press clippings appeared in the various newspapers.

ordigarh ( No. Saturday, October II, 2008 111 3

# District libraries to be computerised



Haryana Chief Secretary Dharamyir I. Secretariat in Chandigarh on Friday.

HT Live Cerrespon Chendingarh, Octob

**Hindustan Times** 

# Libraries to be computerized



#### Times of India

#### Haryana to computerise libraries

CHANDIGARM Haryana Chief Secretary Dharam Voron Fri-day announced plans to com-puterbe all district libraries the State and link their ok-lending facility.

Inaugurating a new sutu-nted library system here, he ad suffermation about new

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The Hindu



# म्योका १० दिन के

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# Amar Ujala

# Dist libraries to be computerised

CHANDIGARH: Haryana has decided to computerise all district libraries and link the booklending facility in these libraries. This was announced by chief secretary Dharam Vir after he inaugurated the automated library system set up with the help of the e-Grathalaya software developed by the National Informatics Centre at the Haryana Civil Secretariat library here on Friday. The software provides all kinds of features required to automate in-house activities as well as library services. - TNS

The Tribune

# हरियाणा-चंडीगढ़ 7 के जिल्हा 13 14 राख राग् के तार्थित करें हैं उनके सीच्य क्षीत्रण है हुए और अभी सम्पूर्णकृत होतार नेतिन सीवार हुआतार संज्ञिता करों हु।

# सभी पुस्तकालय होंगे कम्प्यूटरीकृत

\*\*

अस्ति साम्योगर है-

बार पर कि राज भी तथी किए । कुरमत बावेरी।

88,000 पहाँने हैं, सम्पूर्तकार करेगा साने से राजारी सार्थनार्थ भी उन्होंने एक के मुक्त सर्थित की धर्मीत कार्याम्याने के चारतीय एवं

> लंगे बी कार्य मंदि को और अधिक प्रीतित का पूर्वन तिक प्रतेता। में प्रथम मिल के प्रधान में दिन thatte und b von lat a bull un fe fenene i vi etiftenuf b mage eit et ते हैं, दिलेक्टर पूर्ण में क्षेत्र के पूर्वते हुई प्रशास इस पूर्ण uft titte und it fiet um firm all mente benift eiffal) be unt fie uban mun grab it

विश्व पूर्वण विकार के र प्राप्त वर्ष के विश्व वर्षण्य के व्यक्ति पा को विकार के व्यक्ति पा को विकार कर विकार के व्यक्ति पा को विकार के व्यक्ति पा का विकार के व्यक्ति पा प्राप्त कर विकार के व्यक्ति पा प्राप्त कर कि व्यक्ति पा प्राप्त कर के वर्षण्याचि प्रमुख्य प्राप्त के व्यक्ति का व्यक्ति का प्राप्त के वर्षण्याचि प्रमुख्य प्राप्त के व्यक्ति का व्यक्त mede mite vanlage god mit dirte eret wer it tittere une er माना के बार्यन में दिशार को नह तेम्ब्रीयुक्त कर्मनीओं के तिने प्राथमाना की संप्रदेश की प्राथम कर कर्मन कि में प्राप्त की प्राप्त कर कर्मन कि में प्राप्त की ताम तामा है कारोबर्स में जिसे उसने जुनान मुख्य तिल तार है। उसने सबस कि तीमाण

क्रम पर लेटन ब्रोवार्य हेट है । इसे इस्ताहरू विवास लींक इस दानों को से रेते प्रशासनों के तर का कर प्रशास की उसना नाते हैं। उसने बाते हुए के पार्टन रे बात कि जिसे तरने जो हैं। उसने त्म हैं सम्बन्धित व लाई। उन्हों का के हरियम का उन्हाल है। इनके बनाव नां जान को सम्प उन्हा सन्दर्भत करीत करने के दिवन वर्षणकार को पुनकारण पूजके क्षारित के अनुस्थि है कर तिका किया जाए।

ज्यार को साथ जात कालों प

# Hari Bhoomi

E Learning on e Granthalaya version 3.0

Page

BHUREKHA MASTER TRAINERS TRAINING AT ALAPPUZHA :: TRAINING TO TAHSILDARS AT ALAPPUZHA :: DCSUITE CAPACIT

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Date of event::27 Jun 2008 E Learning on e Granthalaya version 3.0







e Learning Session in progress Participants

Participants

1

An e-learning session on e-Granthalaya ver 3.0 (eG3) was given for the officials from State Library Council and Government Secretariat, Trivandrum on 27-06-2008 from 2.30 PM to 4.30 PM. The officials from Kottakal Arya Vaidyasala also attended the e-learning session from NIC District Centre, Malappuram.

The eG team members Sh. P. K. Upadhyay & Sh. Ram Kumar Matoria presented the eG3 through elearning session. The eG3 features and installation requirements were explained in the e-learning session. The requirements of Malayalam fonts in the eG3 were requested by the library officials. As the eG3 supports Unicode, the Malayalam font provision is also provided.

**Print Preview** 

पटना, रविवार, 12 कगस्त 2007

# विश्व का सर्वाधिक पढ़ा जाने वाला अखबार विषय की सर्वाधिक पढ़ा जाने वाला अखबार विषय की सर्वाधिक पढ़ा जाने वाला अखबार

आपातकाल लगा सकते हैं मुशर्रफ -

फेडरर का विजय अभियान

विहार • झारखंड • उत्तर प्रदेश • दिल्ली • मध्य प्रदेश • हरिवाणा • उत्तराखंड • पंजाब • जम्मू-कश्मीर • हिमाचल प्रदेश • पशि

# राजभवन से कम्प्यूटर से सीधे जुड़ेंगे विश्वविद्यालय

पटना, जागरण क्यूरो : प्रदेश के सभी । विश्वविद्यालयों को कम्प्यूट्रीकृत किया । जाएगा और इन्हें सीधे राजमवन से जोड़ा जाएगा। राज्यपाल सह कुलाधिपति जब चाहेंगे वीडियो कांफ्रोंसिंग से कुलापित्यों से बात कर सकेंगे।

विश्वविद्यालयों को कम्प्यूटर से लिंक करने के लिए शनिवार को सभी विश्वविद्यालयों के कुलस्तिवां एवं पराधा नियंत्रक को बैठक आयोजित की गयी। बैठक को राजधवन में उच्च शिक्षा के विशेष कार्य अधिकारी आरक्षण कुमार ने संबोधित किया। प्रथम चरण में परीक्षा कोषांग तथा पुस्तकालय को कम्प्यूटर से जोड़ने का निषय लिया गया है। वीडियो कांप्रेंगेंसँग को व्यवस्था भी प्रथम चरण में ही चाल् की काएगी।

## E-GRANTHALAYA IN MEDIA



पटना रॉक्वार १२ अगस्त २००७ सीर २७ बावण संवत २०६४ वि० 🛘 हिन्दी जञत में सर्वाधिक लोकप्रिय 🌙 प्रकाशन का ८७वां वर्ष

नगर संस्करण १६+४-२० प्रष्ट दो रूप

पटना, रविवार, १२ अगस्त, २००७

# लैपटॉप से लैश होंगे शिक्षक

# विश्वविद्यालयों में लागू होगी चाणक्य'साफ्टवेयर प्रणाली

( आज शिक्षा प्रतिनिधि )

पटना । राज्यपाल-सह-कुलाधिपति के विशेष कार्य पदाधिकारी डॉ. आर. कृष्णकुमार ने कहा है कि विश्वविद्यालयों के ज्यासमताओं को लेपटॉप एवं इंटरनेट की सुविधा प्रदान करने की व्यवस्था को जा रही है। इसके साथ है ही हर विश्वविद्यालय के पास अपना अद्यतन वेबसाइट होगा।

राज्यपाल-सह-कुलाधिपति के विशेष कार्य पदाधिकारी डॉ. कृष्णकुमार ह शनिवार को वहां राष्ट्रीय सूचना विज्ञान केंद्र द्वारा आयोजित सेमिनार में बोल रहे थे। सेमिनार में सभी विश्वविद्यालयों के कुलसचिव, परीक्षा नियंत्रक, कम्प्यूटर विभाग के अध्यक्ष एवं पुस्तकाध्यक्षों ने हिस्सा लिया। डॉ. कृष्णंकुमार ने कहा कि आगामी २५ अगस्त तक विश्वविद्यालयों के लिए आई. टी. की कपरेखा तैयार हो जायेगी। इसके लिए विश्वविद्यालयों में संसाधन की कमी नहीं होने दी जायेगी।

सेमिनार में राष्ट्रीय स्वना विज्ञान केंद्र हारा विकसित ' वाणक्क ( एकजामिनेशन सिस्टम ऑट्रॉमेशन सॉफ्टबेबर) एवं ई-ग्रंथालय (शाइब्रेर्ड) कम्प्यटराप्रजेशन) को विशेषताओं की विस्तृत प्रस्तुति एवं प्रदर्शन किया गर्धा इसका उपयोग राज्य के सभी बारह विश्वविद्यजालयों द्वारा किया जा सकेगा? ' चाणक्य' सॉफ्टवेयर का सकल उपयोग बीर कुंबर सिंह विश्वविद्यालय द्वारी किया जा रहा है। इसे सभी विश्वविद्यालयों में कार्यान्वित करने की योज्य है। सीपनार में बीडियो कांफ्रेसिंग के जरिये एनआईसी (दिल्ली) से उस भहानिदेशक हाँ. एम. मोनो एवं ई-ग्रंबालय एवं एगमार्कनेट पर विशेष प्रकार डाला। उन्होंने डिबिटल लाइब्रेरी, आई. टी. एवं लाइब्रेरी विशेषतों को अहम भूमिका की वर्षा की। इसके पूर्व ग्राप्य सूचना विज्ञान पदाधिकारी डॉ. सौरप गुप्ता ने उच्च शिक्षा के क्षेत्र में एनआईसी द्वारा किये गये - किये जा रहे कार्यों की चर्चा की। एनआई सी के विशेषत पी. के. उपाध्याय एवं आर. के मटोरिया ने ई-ग्रंबालय साफ्टवेयर का ग्रदर्शन किया।

डाला गया। इसमें राज्य सूचना पदाधिकारी डा. सीरभ ई. ग्रंथालय की विशेषताओं पर विस्तृत रूप से प्रकाश

करेगी। इस नोडल एवेंसी की सिफारिश पर ही

कम्प्यूटर विशेषज्ञों

प्रथम चरण में राजभवन से सभी विश्वविद्यालये

विश्वविद्यालयों में कम्प्यूटर कार्य की मांनीटारि

र्या था लेकिन किसी भी विश्वविद्यालय में परीक्षा

मएगा। यह एजेंसी ही सर्भ



# कुलसीचव का ई. मेल तैयार हो गया है। 13 अगस्त को राबभवन में कुलपतियों एवं कुलसीचवों की बैठक होगी जिसमें कम्प्यूटरीकरण पर विस्तृत चर्चा की आएगी। सभी कुलसीचव एवं परीक्षा नियंत्रकों विस्तृत जानकारी अपने-अपने कुलपतियों को देंगे तथा 13 अगस्त की बैठक में कुलपति इसकी कार्ययोजना लेकर आएंगे। बैठक में चाणक्या एवन ओएसडी डा. कृष्ण कुमार ने कहा कि सभी विश्वविद्यालयों के कुलपित, प्रतिकुलपित, को निर्देश दिया गया है कि शनिवार की बैठक की ३यो काफ्रीसंग के जरिए राजभवन से जुडेंगे विवि को फिर से निर्देश दिया जाता है कि वे शीघ्र ही परीक्षा विभाग एवं पुस्तकालय को पूर्णतः कम्प्रुरीकृत करें और वर्ष 2008 से छात्रों को इसका इंफामेंटिक सेन्टर को दिव एजेंसी सभी कुलसचिव व परीक्षा राजभवन में 13 को होगी नियंत्रक के साथ बैठक को, द्वितीय चरण में विश्वविद्यालय से कॉलेजों को ततीय चरण में सभी कॉलेज से छात्रों एवं शक्षकों को वीडियो कांफ्रेसिंग द्वारा बोड़ा बाएगा। उसके बाद सभी विश्वविद्यालयों के परीक्षा विभाग विभाग एवं पुस्तकालयों को कम्प्युटर से बोड़ने का आदेश तभी विश्वविद्यालयों को परीक्षा विश्वविद्यालयों से जुड़ सकते हैं और उनकी उपलेख्यों से भी स्वक्ष हो सकते हैं। इसलिए सभी विश्वविद्यालयों को वीडियो कोंभेसिंग से जोड़ने का डा. कुमार ने कहा कि यह कम्प्यूटर एवं इंटरनेट का विश्वविद्यालयों के कुलसिचव,परीक्षा नियंत्रक एवं पुसकालवध्यकों की बैठक को संबोधित करते हुए युग है। कम्प्टर एवं इंटरनेट के द्वारा ही हम सभी पटना (हि.प्र.)। राजभवन के ओएसडी डा. न्ने वीडियो कांफ्रेसिंग द्वारा जोड़ा जाएगा ताकि जा सके। शनिवार को टेक्नॉलोजी भवन में सभी आर. कृष्ण कुमार ने कहा कि सभी विश्वविद्यालये विश्वविद्यालयों की सारी गतिविधियों पर नजर रखें

# E-GRANTHALAYA



पटना, नई दिल्ली, लखनऊ, गोरखपुर

और कानपुर से एक साथ प्रकाशित

पटना, सविवार, 12 अगस्त 2007

गुष्ट 18+4 (संडे उपंग) पटना नगर संस्करण

# चाणक्य व ई-ग्रंथालय

पर सेमिनार आयोजित सहारा न्यूज ब्यूरो पटना, 11 अमस्त।

#### E-GRANTHALAYA IN MEDIA





August 12, 2007 . PATNA . Motro . Rs 4.00

PATNA, SUNDAY, AUGUST 12, 2007 PAGE 3

# **Patna Plus**

# Varsities-Raj Bhawan video link soon

V K Tripathi Patna, August II

A BLUEPRINT for use of information technology (IT) in universities will be ready by August 25, Officer on Special Duty at Raj Bhawan R Krishna Kumar said on Saturday. He said once this was okayed, all state universities would be linked to Raj Bhawan in a phased manner through video-conferencing. The universities would be required to establish similar computer links with colleges to improve the administration and develop the virtual classroom concept, he added.

concept, he added.

Kumar was inaugurating a one-day conference on Chanakya (Examination Process Automation Software) and e-Granthalay (Automation and Networking of Libraries) for universities of Bihar, organised by the National Informatics Centre (NIC). Many university officers, including registrar, examination controllers and librarians, attended the conference

Kumar said the Chancellor wanted to use the advantages of information technology to help campuses in fast dissemination of information and build a better academic environment.

He said examination departments and libraries of the



OSD to Chancellor R Krishna Kumar inaugurating a conference on information technology organissd by the National Informatics Centre, in Patna on Saturday.

# **Gavai to meet V-Cs tomorrow**

GOVERNOR-CUM-Chancellor R. S. Gavai has convened a meeting of the vice-chancellors (V-C) and registrars of all universities on August 13. The main agenda for the meeting included rationalisation of teachers and employees in colleges to ensure proper conduct of classes. Chancellor's OSD R Krishna Kumar said automation in universities, development of websites and arrangement of video-conferencing would also be discussed. HTC, Patha

universities would be computerised in the next phase and rare manuscripts and books in libraries would be digitised in the interest of students, teachers and researchers. Speaking on the occasion, NIC State Informatics Officer Saurabh Gupta said the Chanakya software developed by NIC had helped VKS University, Ara, to streamline the examination process. He said it would cost around Rs 7 lakh for each university to set up video-conferencing with Raj Bhawan. NIC Deputy Director General M Mani addressed the conference through video-conferencing.

# G

Patnar Colleges and universities in Biof virtual classrooms thanks to the inihar are likely to introduce the conceplative taken by the Rajbhawar

gency for development of informa-According to the scheme, all the universities and colleges will be linked vith each other and also with the Ra-The The National Informatics Centre NIC) is likely to be made the node. infrastructure in all the 12 universities bhawan through video-conferencing ion and communication technologies

of one institution can be attended by the students of all other institutions through video-conferencing to be faullitated by NIC district centres. Beectures delivered by reputed teachers unction of a day-long workshop or-Disclosing this at the inaugural canised at NIC office here on Saturday OSD to governor R Krishna Kumar said

es, universi officials.

ionaries and reress the griev moss of teacher other

this process, he tudents through mployees

automation and networking of 11omation software) and e-Granthalaya examination controllers, librarians of all the universities. A thorough dishanakys (examination process au-The workshop was attended by the nd computer science faculty members implementation praries) was held. cussion

sities to prepare the action plan for and libraries within a week and sub-Krishna Kumar asked the univercomplete automation of examinations

ation of this IT-based technology, he mit it to the Rajbhawan. Funds would not be a constraint in the implemen

A formal decision on the issue would be taken at a meeting of vicechancellors to be held at Raibhawan

readband connection should be an inalled presentation on digitisation and etworking of libraries of various univorking and inter-connectivity through Officers from NIC HQs gave a de ersities and departments and imple VIC deputy director general M Mon observed that library automation, net tegral part of national e-governance entation of e-Granthalaya software ideo-conferencing from New Delh ddressing the participants throug

He said five lakh libraries of the centres to usher in development of rucountry should act as common service

ral economy and globalisation.

PATHA NATIONAL I MONDAY, AUGUST 13, 2607 | PAGES 24 | PRICE RS.3





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#### E-GRANTHALAYA IN MEDIA

## 5<sup>th</sup> Workshop on e-Granthalaya and NewsNIC Software at NIC, Shillong



A three days "workshop on e-Granthalaya and NewsNIC software" was conducted during 11<sup>th</sup> - 13<sup>th</sup> April 2006 at National Informatics Centre, Meghalaya State Unit, Shillong. The workshop was sponsored by the Directorate of Arts and Culture, Meghalaya Government. The workshop was attended by about 50 participants from the following libraries:-

- State Central Library, Shillong
- ♦ IGNOU Regional Centre, Shillong
- · Shillong College, Shillong
- · St. Marry College, Shillong
- North Eastern Hill University, Shillong
- North Eastern Council Library, Shillong
- · District Libraries, Shillong
- Rajbhavan Library, Shillong
- · St. Edmunds College, Shillong
- North Eastern Police Academy Library, Shillong
- Geological Survey of India, Shillong
- Synod College, Shillong
- · Anthropological Survey of India, Shillong
- Central Institute of English and Foreign Language, Shillong
- North Eastern Indira Gandhi Institute of Health and Medical Sciences, Shillong

The Workshop was inaugurated by the Hon'ble Minister, Ministry of Arts and Culture Meghalaya Government while the Introductory address was given by Sh. T Dkhar, TD & SIO NIC. The participants were taught for data entry in the various modules of the software and were given the software CD for their respective libraries. Mr Ram Kumar Matoria, PSA (NIC HQ) and Ms Candida B.M. B. Shadap, SA (NIC-MLSC) Co-Ordinated the workshop.

# State to support e-libraries, says Walse-Patil

CALLED SALES MEANING TO SALES MEANING TO SALES MEANING

BY A STAFF REPORTER reporters @ sakamerald.com

TILAK ROAD: In an effort to promote Marathi literature across the globe, the state Government is planning to encourage Marathi electronic libraries, said

Higher and Technical Education Minister Dilip Walse-Patil on Sunday.

Speaking at an awards distribution ceremony in city, Walse-Patil stated that he would request the cabinet to provide necessary funds and support for

expansion of the Marathi Sahitya Parishad (MSP), which works in the field of literature.

On the occasion, Dr Sarojini Vaidya was presented the MSP Honour award by noted orator Prof Shivaji Bhosale, Dr D T Bhosale was presented the Bhimrao Kulkarni award while Krishna Menase was handed over the MSP special award.

Highlighting the importance and scope of Marathi literature, the minister said, "Marathi literature needs to reach every nook and corner.

of the world. The young generation in the country and abroad needs to understand Marathi literature and its importance. All this can happen only if we promote e-libraries."

He stated that the government would support and promote all the Marathi e-library

projects. "If institutions like MSP take the lead in such kind of projects, then I will personally request the cabinet to provide the necessary funds," he assured. Member of Legislative Council Ulhas Pawar and Marathi humourist DM Mirasdar were also present on the occasion.



Walse-Patil

The Maharashtra Herald.

The Tribune, Chandigarh, India - Chandigarh Stories

Page 8 of 14

About 15 British officers who had served with the battalion during the pre-indeper or their family members are also expected to join in the celebrations, a statement here today said.

Since its raising in 1856, 3 Sikh has taken part in all major wars and operations u by the Army. It has earned 10 battle honours, five theatre honours and one COAS Citation, besides its troops being decorated with one Ashok Chakra, two Kirti Chal Shaurya Chakras and 24 Sena Medals. Its haul of 159 pre-independence includes Cross.

# Home Secy moots library e-network

Chandigarh, January 17
All local libraries should be made online, inter-connected and assured full support
Administration in setting up Chandigarh Library Network to facilitate members to:
resources.

This was said by Mr Krishna Mohan, Home Secretary, while inaugurating the User Programme under the Ministry of Communications and Information Technology (V Library Consortium Digital Information Services at the DOEACC Centre in Sector 1 today.

He appreciated the level of computerisation of government libraries, including coll

Mr Ajay Rampal, State Informatics Officer, National Informatics Centre (NIC), saic resources of information could be shared online by connecting all libraries.

He said "e-granthalaya", library solution by the NIC, was successfully implanted ir government colleges and institutes in the city.

The Officer In charge, NIC Library, New Delhi, Mr P.K. Upadhaya, enlightened the participants about the digital information services and the need to have the conso Rohit Singla, Director, DOEACC Centre, also spoke on the occasion.

# Pleasant weather invigorates city Tribune News Service

Chandigarh, January 17
Pleasant weather, cloudy sky and cool breeze — it was a perfect day for the city n who enjoyed the welcome change after last week's "warm" days.

The temperature too, showed signs of improvement with the city recording a mini temperature of 12.4°C and a maximum of 21°C.

While the minimum temperature inched up by a few points only, the maximum temperature inched up by a few points only, the maximum temperature a significant jump from 16.4°C recorded yesterday to 21°C today. The rise temperature was due to cloudy sky.

Unlike yesterday, when residents were forced to stay indoors by the day-long driz

# Stress on automation of library system

#### By Our Reporter

shillong: Minister Arts and Culture, Mrs. Deborah C Marak on Tuesday emphasised on automation of library system to increase productivity and efficiency of libraries and to give up-to-date information to the readers in an easy and timely manner, which in turn, would help them take correct decisions.

Speaking as the chief guest at the inaugural function of the three-day workshop-cum demonstration on Implementation and Use of Library Application Software held at the National Informatics Centre building here, Mrs Marak said that the software would give easy access to all on important information on the bookshelves of libraries, which many, at present, are not easily accessible to all.

Asserting on the importance of library service in the

State. Mrs Marak said, "the State Government is committed towards automation and modernisation of the libraries in the State," adding that it is high time to introduce information technology tools for providing better services to the citizens, where people can make use of these tools for communicating and resource sharing".

She said that with the implementation of the software, designed and developed by NIC librarians-cum-IT profession-



State Arts and Culture Minister Deborah C Marak addressing the workshop-cum demonstration on Implementation and Use of Library Application Software in the city on Tuesday.

als, who have both the necessary domain of knowledge as well as technical skills, it will immensely benefit the libraries in the Government, colleges, universities and other organisation.

The NIC has designed and developed library automation software called "control of the control of the called "control of the called of the call

In addition, the NIC has also designed new application soft-ware for "e-News Clipping" services called "NewsNIC" which provides a web-based, full-text access to news items using web interface. It has been packaged with easy user interface for clients to prepare news items and to upload these news items to a web server.

Others who attended the function included Principal Secretary W M S Pariat, Technical Director and State Information Officer R K Matoria, librarians from Government libraries, colleges and universities:

DO Channel - Homepage / current:news

Page 1 of 1

providing digital opportunities for all

# digital opportunity



advanced search

browse by topic browse by country/region

Mainstreaming ICTs

Poverty

Education

Gender

Health

**Environment** 

Partnership

Governance

Partners In Development

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#### Seminar on 'E-Granthalaya : An Overview

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Printable page

Libraries under Ministry of Communications and Information Technology (MCIT) formed the 'MCIT Library Consortium' to jointly subscribe E-Journals, Standards and network the libraries under the ministry. C-DAC being Scientific Society under Department of Information Technology, MCIT; C-DAC, Mumbai Library is a part of this consortium.

A Seminar on 'E-Granthalaya: A Library Management Software' is organized for library professionals. NIC Library, New Delhi has developed 'E-Granthalaya' Library Management Software in 2002 as a part of E-Governance initiative. It is given free of cost by NIC. The software is being promoted by MCIT consortium.

We invite you to attend the above Seminar on E-Granthalaya. The Registration is Free and will be provided to a maximum of 50 working Librarians/Library Staff on first cum first served basis from different institutions.

Attached files

Seminar 70.00 KB

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The Hindu News Update Service

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# THE 海線線像 HINDU

**News Update Service** Tuesday, April 25, 2006: 1350 Hrs

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- **Education Plus**
- Open Page
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- Entertainment
- Young World Property Plus
- Ouest
- Folio

#### Hyderabad

#### Govt. launches 'E-Grandhalaya'

Hyderabad, April 25 (UNI): The Andhra Pradesh Government in collaboration with the National Informatics Centre today launched the 'E-Grandhalaya', a userfriendly IT solution to computerise 1800 public libraries in the State in phases.'

Launching the initiative to connect the libraries in the State with a collection of over two crore books, State Libraries Minister, N Rajyalakshmi, said this would be a boon to researchers, who could get to know the book of his choice from any of the public libraries in the state with just a click of a mouse.

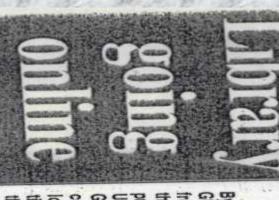
To start with, the State Central Library here, regional libraries and District Libraries would be covered under the initiative, State Director of Public Libraries said.

Informing that the NIC provided the relavant software as also training free of cost, NIC Deputy Director General, C S R Prabhu, wanted all States to benefit out of the NIC's Library Management initiative.

#### Hyderabad



The Sentimed



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GUWAHATI FRIDAY 28 APRIL 2006

Published simultaneously from Gur

# 1st a click to get the b

GUWAHATI, April 27: Picking up a book you are looking for from among thousands of books in the District Library in time-consuming as searching a book will be a click away for the readers," an official of the library said. Under the project, premiere library is all set to have its own electronic database. the city will no longer be a cumbersome experience, as the compiling the records of the books available with their exact Granthalaya project, the library is preparing the database ocations. "The database is aimed at making reading less Inder the National Information Centre (NIC)-sponsored e-

and installation of new data in the computer. "Three phases staff of the library are being trained in handling of database of the training have already been over, and in the next three may be mentioned here that the library, which has 34, 286 prefered summary books, which the library lacked official revealed, adding that the new generation readers no new book has been added in the library shelves," the premiere library was decreasing. "During the last three years. library. The official regretted that readers' turnout to the members at present, is being upgraded to a state central months the database will be completed," the official said. It

KIND ATTH: DG, NIC

# Cuttack to have a cybrary

Pradip Das I TNN

Cuttack: Abhinav Orissa Public Library at Abhinav Bidanasi here has become the first private library in the state to have the facilities of e-Granthalaya, a software designed for automation of library activities.

The National Informatics
Centre (NIC) has installed the
software in the library last
week. Under the e-governance
movement of NIC, e-Granthalaya is meant to be distributed
exclusively to all governmentrun libraries at zero cost.

The library was selected to have the software for its contribution to the library movement in Orissa. "e-Granthalaya will be of immense help to readers as well as librarians because of its versatility in accessing books, journals, newspaper clippings, article heads and webbased access to other libraries at the click of a mouse," said P K Mishra, secretary and chief project coordinator of the library.

According to a MoU signed between NIC and Abhinav Orissa Public Library the library will get software support in the future. Besides, its librarians will be trained to get acclimatised with the new facility. NIC authorities said the software was developed in three years by scientists under its library division.

"The software is installed in some libraries in Orissa like those at Ravenshaw Unitary University, SCB Medical College and Hospital and Hare Krushna Mahatab State Library in Bhuhaneswar," Budhhadev Panda, state deputy director (library), said. "This will give a new dimension to the modernisation of public libraries," he said.

The Raja Rammohun Roy Library Foundation, under the Union ministry of culture, has recognised the effort of Abhinav Orissa Public Library to promote library movement and sanctioned a scheme to set up a children's corner at Rs 1.5 lakh, Mishra said.

District species.

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# Cuttack to have a cybrary

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PROFILE: 2010

Page 115

#### F-GRANTHALAYA IN MEDIA

#### Over the top

Tamil Nadu chief minister M Karunanidhi urged the government to mark 50 per cent of the seats in central universities for students from rural areas.

sof notered scaldson,

Friday | October 2, 2009 | THE TIMES OF INDIA 3

# **Online library** excites students

With one of a kind, online library set up by Kendriya Vidyalaya, Mankhurd, the students can now easily access any book which is on the shelf. Debashree Sarkar reports...

ith the initiative of Ajaya Ku-mar, principal of the KV. Mankhurd and Ankush Ingole, mar, principal of the KV, Mankhurd and Ankush Ingole, Librarian more than eleven thousand books will be accessible to all the students. The inauguration of the online library at KV, Mankhurd on September 24, was attended by PR L Gupta, Asst Commissioner of KVS, Mumbai Region as the chief guest. "With such initiatives taken up by the schools, our students will be benefited. I appreciate the efforts put in by the school in creating such database and provide it to all its students", PRL Gupta oplines.

With the support from National Informatic Centre (NIC), a Govt of India initiation, "E. Granthalays" a digital agenda for library automation and networking was installed in the school. "This will definitely evolve the read-



PRL Gupta, asst commissioner of KVS, Mumbal region, chief guest of the function addressing



(from left) Laxman Singh, Cmde D P Kulkarni, PRL Gupta, Dr Ashok Kumar, Ajaya Kumar at the Inauguration of Online Library at K V, Mankhurd

ing habit in the students. I am sure the technological advancement will attract the students to make use of the library books for their studies", says Ajaya Kumar. "The students will be given login IDs through which they can access the online library. Thus, they can search for apt book to read among thousands of books available to them. Parents and teachers will also get the benefit from this", says Shivani Arora, teacher, KV, Mankhurd.

Also, present during the inauguration function were, Commodore D P Kulkarni, chairman of the school; Laxman Singh, general manager of NAD; Dr Ashok Kumar, secretary AECS; Commander Sanjay Pathak, nominee chairman. "I am thankful to the school for their atmost support, especially the principal, teachers and the dignitaries from NIC", says Ankush

Ingole, Librarian. The program was also graced by Suman Bakshi, director of NIC; K Suresh, Vijay Kumar, senior scientists of NIC who have been the backbone of the entire project. Principals of Atomic Energy Central Schools; librarians of various schools, Prof Subramanian, from Homi Bhabha centre for science education; research scholars from Homi Bhabha centre; Rakhi Banerjee, asst prof at Tata Institute of Social Sciences; VMC members of KV, officers of HPCI., BPCL and IOC, and principal of KV, Bhandup were present during the function to share their views. "I thank all the dignitaries present for the function. Especially officials from NIC who have been a great help to make our dream library", says Ajaya Kumar, principal of KV, Mankhurd. debashree.sarkar@itmesgroup.com

#### E-GRANTHALAYA IN MEDIA

set for

# Inauguration of E-Granthalaya Software by Hon'ble Chief Minister at

Margao Municipal Council, Goa

E-Granthalaya, the Library Automation Software developed by NIC, New Delhi is being implemented in the Public and Institution Libraries located in Goa. Recently, on 5<sup>th</sup> September 2009, the Hon.ble Chief Minister of Goa Shri. Digambar V. Kamat inaugurated the E-Granthalaya software at the Margao Municipal Council(MMC) Library.



Hon'ble CM inaugurating the e-Granthalaya at MMC Library



Hon'ble CM going through the features of the e-Granthalaya Software

PROFILE: 2010

#### E-GRANTHALAYA IN MEDIA

#### MMC's CFC set for revival

It's a year since the much-hyped Citizens Facilitation Centre set up in the Margao Municipal body may have been down and out. But, that has not deterred the Civic body to revive the project - this time with NIC assistance.

If Chief Minister, Digambar Kamat is to be believed, the Civic body is set to revive the CFC to ensure transparency and efficiency in the Civic administration a la the district Collectorate administration. "I have told the Margao Civic body to revive the CFC with the help and assistance of the NIC. The district Collectorate has implemented e-governance and DC Suite, wherein people need not climb the Collectorate steps and get their work done from the CFC, Kamat added.

But, for the Margao Municipal Council, which had a bitter experience with the CFC concept, the decision to revive the project means treading a cautious path and ensure the system meets the requirements of

the Civic body.

For, the Margao Municipal Council had indeed a bad experience with the CFC project implemented as a pilot project by the Kalyan Dombivli Municipal Corporation as a pilot project.

The Civic body had paid a whopping Rs 25 crore to the KDMC for the software and spent another Rs 40 lakhs on the hardware, but the project failed to take off after the Municipality later realize that the software did not conform to its requirements.

The huge investment into the CFC project has now come under the scanner of the Audit party.

# Modern central library in Panjim soon: CM

HERALD REPORTER MARGAO, SEPT 5

Library movement in the state is brary movement in the safe is set for a big boost with Chief Min-ister, Digambar Kamat announcing on Saturday that a modern central library will finally take shape in Panjim in the next 4-5 months, besides the ultra modern library under construction at Navelim.

der construction at Navelim.
Addressing newsmen after inaugurating e-library at the Margao
Municipality on Saturday, Kamat
said "one of the best and modern
central library will materialize at
Patto, Panjim in 4-5 months. Similarly, an ultra modern library is

larly, an ultra modern library is slowing taking shape in Navelim". Emphasising on the need to strengthen the library movement in the state, Kamat said people should be made aware of the library facili-ties so that the infrastructure is used by students, children and adults to

"There's a need to inculcate reading habits amongst the younger generation, who are switching over to watching TV serials", he said, adding that he takes time off said, adding that he takes time on even today to go through books to enrich my knowledge. Complimenting the Margao Mu-nicipal Council for computerizing

the library records, Kamat said reading is the most important fac-

reading is the most important fac-tor to acquire knowledge, saying "knowledge remains with you if one looses any position".

"Now, the MMC library section really looks like a library. The gov-ernment intends to support the li-brary movement in the state", he added.

MMC Chairperson Savio Coutin-

MMC Charperson savio Countr-ho the e-library concept will help the readers; especially children and students in a big way. "A lot needs to be done for the Municipal library. We want to in-crease the membership. There are reference books which should be



School students huddled in the children's section of the renovated Margao Municipal library. Photo by Santosh Mirajkar

taken advantage of by adults, teachers and even students", he said, promising to procure the latest books from time to time.

Says MMC is doing good job

HERALD REPORTER MARGAO, SEPT 5

Chief Minister, Digambar Kamat on Saturday gave a clean chit to the ruling Margao Margao Municipal Council headed by Chairperson Savio Coutinho, saying the team is doing well in the city.

When newsmen asked the Chief Officer his assessment of the performance of the Margao Civic body in the last one year, Kamat said the Portuguese books, besides books in Hindi, Marathi and English available in the Municipal library. They are doing well. There may

Coutinho also made a mention of

be some hiccups, but we are sort-ing out. Today, the people are watching everything. Even if there are grievances, all these problems will be looked into and resolved" Complimenting the MMC Chief

for the innovative e-library project, the Chief Minister the basic thing in governance is that there should be fast relief given to the Munici-pal body for official work.



THE TIMES OF INDIA, GOA THURSDAY, SEPTEMBER 10, 2009

#### SOCIATE INFORMATION



Chief Minister Digamber Kamat seen inaugurating E-Granthalaya at Margao Municipal Library. Also seen are Margao Municipal Council, Chairperson Savio Coutinho, Chief Officer, Y B Tawde and other councilors.

# MMC's e-library to be launched today

HERALD REPORTER MARGAO, SEPT 4

Come Saturday, and Margao Municipal Council's ambitious e-library project will finally become a reality.

Chief Minister, Digambar Kamat will inaugurate the e-grantalaya project in the Municipal library in the presence of Municipal Chairperson Savio Coutinho.

Though the Civic body has completed feeding only 3000 entries out of the total 20,400 books housed in the library, the Chairperson says the work out would be carried out simultaneously in a bid to provide better facilities to the readers.

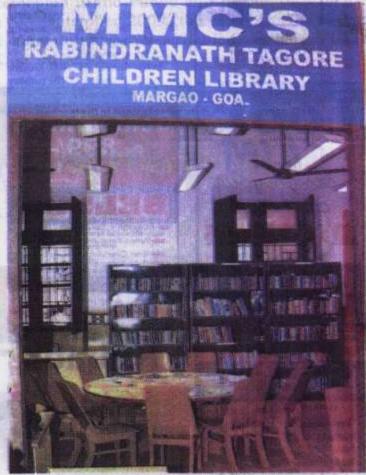
"I admit that the process of feeding entries in the computer is not complete in all respects. But, the balance work would be carried out simultaneously without affecting the normal library functioning", he added.

And, if Coutinho is to be believed, the Civic body is set to give the library a big boost by adding latest books costing Rs 50,000.

"Right now, the Municipal library has a membership of 849 readers. We have plans to increase the membership given the new look and the facilities provided in the library", he added.

Presently, the Municipal library has charges a fee of Rs 15 per year for children with a deposit of Rs 30. For adults, the membership is Rs 25 with a security deposit of Rs 100.

The e-library concept had hit a temporary block midway when workers engaged in the exercise were suddenly withdrawn last



A view of the Margao Municipal Council's children library.

month.

Two workers who were engaged for the work of feeding the entries in the computer were suddenly withdraw, throwing the work out of gear.

An official said the e-library

Photo by Santosh Mirajkar work suffered for some time for want of the workers, but exuded confidence that the work would now be taken to its logical conclusion with the Chairperson promising manpower to complete the project.

# CM opens e-granthalaya at Margao

TIMES NEWS NETWORK

Margao: Chief minister Digamber Kamat on Saturday inaugurated the e-granthalaya to facilitate the search and issue of books at the Margao municipal council library and said that he would like the council to switch over to e-governance.

Speaking on the occasion Kamat said, "It is a good habit and I want to encourage reading habit among children, school and college students as it is required in these days of television watching. Reading is most important to acquire knowledge and we are putting up a modern central library in Panaji and an ultra modern library on the borders of Margao and Navelim."

Kamat promised his full support for the library movement in the state and asked the council to make a proposal for further upgradation of the library, promising funds from the art and culture department.

The council chairperson Savio Coutinho asked the librarian Cipriano Andrade to make a proposal for new books, cupboards and whatever was r quired at the earliest. The librarian has suggested that books on law, science and engineering, besides other disciplines, should be added to the lifacilitating reference study. Kamat also familiarised himself with the software system developed by National Informatics Centre that enables easy acressibility to the details of books and also keeps a record of due date for their return.

Following Remat's desire that the library increase its membership, Coutinho has decided to keep the children's section of the library open on Saturdays so that children after finishing school can spend some time and get used to reading habit.

The library encourages reading habits as its reading hall has 22 newspapers, around 45 magazines and 21,864 books. There are 63 children who are members out of a total of 850 members.

Margao civic library to be computerized - Goa - City - NEWS - The Times of India

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FOREX

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Margao civic library to be computerized

Aniil Kumar. 32. Self-employed.
"Every self-employed worker knows that there are months that are better than others, instead of sitting around worky during wask months, I decided to search for a very to make safe success. What seemed..." One to that many.



#### THE TIMES OF INDIA

Goa

whether the book is available in the library," said librarien,

granthalays on August 15 by when the computerization work

some computers that set atop desks as "white horses" were

dispetched to the library for proper use and the staff, along with national informatics centre has already started the work

of compilation. The work will be at no additional cost to the

would be complete. Council chairperson, Savio Coutinho said

Chief minister Digambar Kamat will be launching the e-

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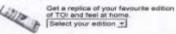
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# YASHADA LIBRARY NEWSPAPER CLIPPINGS

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# ्रयंथालयांच्या संगणकीकरणासाठी एनआयसी देणार मोफत सॉफ्टवेअर

पुणे, दि. २८ (प्रतिनिधी) : ग्रंथालयातील नोंदी ठेवणे सोपे जावे यासाठी ग्रंथालय संगणकीकृत करणे गरजेचे असते. यासाठी बाजारात संबंधित उपयुक्त सॉफ्टवेअरदेखील उपलब्ध आहे. मात्र, सर्वच ग्रंथालयांना हे सॉफ्टवेअर खरेदी करणे परवडत नाही. तसच, सॉफ्टवेअर बसविले, तरी अद्ययावत करण्यासाठी भरपूर खर्च येतो. ही बाब हेरून नॅशनल इन्फॉरमॉटिक सेंटर (एनआयसी) च्या वतीने जनरल लायब्ररी सॉफ्टवेअर ओपन सोर्सद्वारे मोफत उपलब्ध करून देण्यात येत आहे.

ग्रंथालयाच्या व्यवस्थापनासाठी मदतशीर ठरणाऱ्या या तंत्रज्ञानाची माहिती सर्वांना व्हावी यासाठी एनआयसी आणि यशदा यांच्या संयुक्त विद्यमाने २५ ते २७ मेदरम्यान 'श-ग्रंथालय' कार्यशाळा घेण्यात आली. कार्यशाळेत विविध महाविद्यालय, संस्था, हॉस्पिटल, संशोधन संस्थांच्या ग्रंथपालांनी सहभाग घेतला.' एनआयसीचे तंत्रविषयक संचालक रामकुमार मटोरिया यांनी उपस्थितांना यावाबत मार्गदर्शन केले, अशी माहिती यशदाचे व्हिष्ट ग्रंथपाल मनोज कुलकर्णी यांनी 'लोकमत' शी बोलताना दिला.

ते म्हणाले, की अनेकदा ग्रंधालय संगणकीकृत करण्यात येते. तर, काही ग्रंधालयांना आर्थिक चणचणीमुळे ते शक्य नर ते. अशा परिस्थितीत एनआयसी ने उपलब्ध करून दिलेले सॉफ्टवेअर ग्रंथालयांना वरदायी उपलब्ध करून देण्यात आलेल्या आहेत. एकाच संगणकाबरोबरच नेटर्वाकॅंगमध्येही ही सुविधा उपलब्ध असणार आहे. देशामध्ये पहिल्यांदा आपन सोर्समध्ये अशा अकारचे सॉफ्टवेअर उपलब्ध करून देण्यात येत आहे. ग्रंथालयांना याचा वापर सोपा आणि सुकर व्हावा यासाठी एनआयसीतर्फे पूर्ण सहकार्य करण्यात येत आहे.

या तंत्रज्ञानामध्ये ग्रंथालयांना ग्रंथ देवधेव, व्यवस्थापन, ग्रंथ, मासिकांची क्रमवार विभागणी आणि मांडणी, पुस्तक खरेदी, तालिकीकरण सोपे होणार आहे. अधिकाधिक ग्रंथालयांना या तंत्रज्ञानाचा वापर करता यावा यासाठी 'श-ग्रंथालय' वांपरणाऱ्या ग्रंथपालकांचा संघदेखील स्थापन करण्यात आला आहे. याद्वारे याच्या प्रसाराचे काम करण्यात येईल. त्याचप्रमाणे हे तंत्रज्ञान वापरण्यात येणाऱ्या अडचणीदेखील या माध्यमातून चर्चा करून सोडविण्यात येणार आहेत. राज्यातील सर्व ग्रंथालयांना याबाबत माहिती व्हावी यासाठी लवकरच यशदातफ यासंदर्भात निवासी प्रशिक्षण कार्यक्रमही, रावविण्यात येणार आहे, असेही कुलकर्णी यांनी सांगितले.

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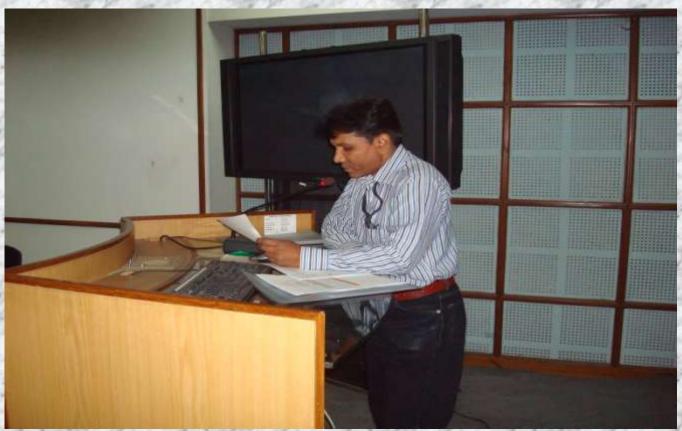




























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Moving Towards Rural Digital Library for Sustainable livelihood

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