



E-LIBRARY ADNYAWALI SERVICES AND FACILITIES

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ABSTRACT :-

21st century is task of making knowledge easier and more dynamic is seen in libraries. The present age is an age based on digital and modernization systems. Therefore, the library seems to be moving towards a special modernity. The work in the library is accelerating due to the computer system. A computer system is an algorithm in which work is completed in a short time. The Government of India is constantly working to bring the river of knowledge from door to door. Various systems have also been developed for the library. The research paper will review the E-Granthalay algorithm by NIC.

KEY WORDS :- Computer System, Digital Library, E-Library, NIC.

INTRODUCTION :-

E-Library is a digital platform in India. The platform has been developed by the National Informatics Center, Ministry of Electronics and Information Technology, Government of India for Government Libraries. Under this platform, the National Informatics Center provides complete ICT solutions with integrated library management software, digital library modules, cloud hosting environments and library portals (OPAC) with NICS empaneled roll-out services support. The e-library platform is useful for converting traditional libraries into e-libraries with digital library services. Various online services are provided using library automation activities, digital library integration and single window access access system. The latest version of the e-library was developed in 2005 by Ver.4.0, a 'cloud ready application'. This platform provides a web-based solution in enterprise mode with a service centralized database.

ICT solutions comply well with the international standards prevalent in the latest ICT technology libraries. The first Virson was developed in 2003. the end of 2015 is 4.0 Virson has been updated. India is known as the land of youth. The work of making every citizen of the society intense and knowledgeable is seen in the library. India has a long history of ancient and traditional libraries. Various libraries like Takshashila, Nalanda, Gurukul are testifying as history. In the past, it used to take a lot of space to store and store books. the 21st century of knowledge has developed rapidly. The library is coming into existence as a library and digitally. Libraries began to be used globally in the United States and the United Kingdom. The use of computer systems in India was first initiated by UNESCO to organize CDS-ISIS. Computerization in public libraries was suggested by Chattopadhyay in 1985. E-Library system is being used in various places.

USERS OF E- GRANTHALAYA –

State-Wise Implementation (2003-2020) – Total 5445 Libraries

President Bhavan Library, Ministry of Defence, Ministry of Earth Sciences, Ministry of Food Processing Industries, Ministry of Home Affairs, Ministry of Non-Conventional Energy, Ministry of Road Transport and Highways, Ministry of Statistics and Program Implementation, Ministry of Urban Development, Ministry of Water Resources, 18 Departments under Ministries, 4 Legislative Assemblies (Delhi NCT/MP/Agartala/Karnataka), 1000+ Kendriya



Vidyalayas, 500+ Jawahar Navodaya Vidyalayas, 120 Indian Army Libraries, 54 Naval Reference Libraries, 75 Public Libraries, All District Public Libraries in AP, 7 State Central Libraries, 2 Universities, 8 Indian Embassies, 75 Army Public Schools, 5 Archaeological Survey of Indian Offices, 27 Atomic Energy Central Schools, 4 Centre of Botanical Survey of India, 7 Centre of Zoological Survey of India, 75 Government Colleges.

Libraries on Cloud -

Total libraries	2499
Total member	787241
Total catalogue record	11251832
Total holding	17593891

Libraries on Cloud

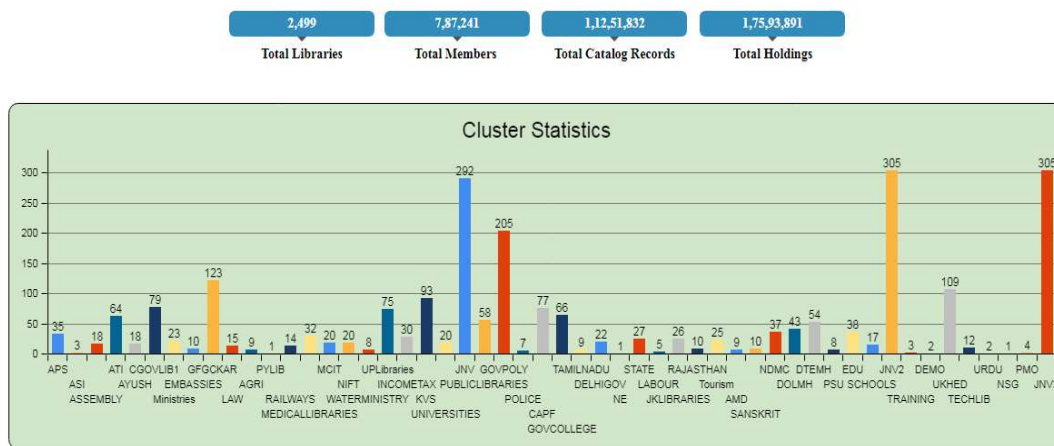


FIG NO -01 LIB RECORD /NIC REPORT

DIFFERENT VERSIONS AND RELEASE YEARS OF THE FOLLOWING SOFTWARE:

Technology/Platform used	Version	Year	DBMS	Edition
Visual Basic 6/ASP/HTML	1.0	2003	MS SQL Server 7	Public Library Edition
Visual Basic 6/ASP/HTML	2.0	2005	MS SQL Server 2000	Government Libraries Edition
VB.NET/ASP.NET 2.0	3.0	2007	MS SQL Server 2005	Network Edition
ASP.NET 4.0/AJAX/JQUERY/JSON/SilverLight	4.0	2015	Post Gre SQL-an Open Source DBMS	Enterprise Edition

e-Granthalaya 4.0 contains following components:

- Database (Separate database for each library cluster).
- e-Granthalaya 4.0 Application
- Crystal Reports Executables.
- Z39.50 Libraries



Organizations / Libraries-

Sr.no.	Use of Organizations / Libraries
1	Government Libraries under Ministries/Departments/Organizations of Central /State Governments
2	Government Public Libraries
3	Kendriya Vidyalayas and Jawahar Navodaya Vidyalayas / MHRD
4	Central /State Government Schools/Colleges/Polytechnics/Universities
5	Autonomous Bodies / Councils / Research Organizations / National Laboratories/IITs/IIMs/NIITs / PSUs of Centre and States
6	Other Government Academic Institutions funded by Government
7	Indian Embassies
8	Indian Army / Navy / Air Force Libraries

SERVICES FROM NIC FOR INDIAN LIBRARIES:-

- *e-Granthalaya: A Digital Agenda for Library Automation and Networking*
- *NewsNIC: A Full-Text News Clipping System*
- *Access to **Union Catalog** of Libraries powered by e-Granthalaya*
- *Catalog Hosting Facility with **Home Page** for each library*
- ***Training and Workshop** for Government Libraries*
- ***Conferences and Seminar** of ICT applications in Libraries*
- ***National Digital Library** in LIS*
- *Librarians Directory*
- *Library Automation and Networking Consultancy / Paid Project thorough NICSI*
- *Library Technology Updates*

FEATURES OF E - GRANTHALAYA -

- Uses **PostgreSQL** - an Open Source DBMS.
- Provides **Web-based** Data Entry Solution
- **UNICODE** Compliant, supports data entry in local language
- Work-flow as per Indian Libraries Authority Files/ Master tables for Authors, Publishers, Subjects, etc.
- Print Accession Register in various Formats
- Library **Statistics** Reports
- CAS/SDI Services and Documentation Bulletin / Library Newsletter
- Digital Library integration with uploading / downloading of pdf/html/Tiff documents, accessible behind the Login
- Micro-Documents Manger (Articles/Chapter Indexing) with uploading of full-text articles in pdf/html format
- Budget Modules with Bill Register generation, manages Multi-Budget Heads
- Manages e-Books with digital files in pdf or other formats, provides facilities of e-Book Viewer.
- Photo Gallery available for uploading photo and pictures of the organizations - published on the Library Web site.
- Compliance with Library Technology and ICT prevalent in Libraries.
- Regular Trainings are organized for e-Granthalaya Users
- Library Catalog uploaded in Union Catalog of Government Libraries, hosted in NIC Cloud and accessible in public domain at <https://egranthalaya.nic.in>



IMPORTANT LINKS REGARDING E-LIBRARY-

http://e_granthalaya.nic.in
<http://www.eglibnet.gov.in>
<http://eg4.nic.in>
http://e_granthalaya.nic.in
<http://informatics.nic.in>
<http://www.nic.in>
<http://niclibraries.nic.in>

CONCLUSION -

There is an age of computers globally the development of knowledge is accelerating due to computer systems. It also needs to happen to be dynamic. Computerization grows in the age of information technology, libraries need to adapt to their traditional as well as modern forms. The library can be equipped using various systems. The e-library is seen working to bring harmony to the library for free through the National Information Center.

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