
Professor Jayashankar Telangana State Agricultural University Library Digital Resources: An Overview

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***Abstract** - The emergence of Internet has added a new dimension to information technology which gave birth to the new concepts of Digital Libraries (DLs), Knowledge Management (KM), and archiving of indigenous culture and heritage materials. The Digital Libraries have emerged as a crucial component of global information infrastructure , Digital libraries promise new societal benefits, especially for e-learning in digital or mobile times, starting with the elimination of the time and space constraints of traditional bricks-and-mortar libraries. This paper gives an overview of digital resources PJTS agricultural university Libraries. For the improvement of academic and research programmes ofin digital library research consists of digital library function. This paper also highlights on what are digital resources technology.*

Keywords: Digital library, university Library,E-resources, e-resources, e-Books.

Intrduction

The digital library infrastructure facilities viz., Interactive Digital Board, Computers with latest Configuration, Internet facility, etc. are fully strengthened in existing libraries as well as established digital libraries in new colleges to utilize the electronic information i.e. CeRA, CAB Abstracts, Krishiprabha, EBSCO, Indiatat, CRC Netbase e-Books, CAB e-Books, Elsevier e-Books etc. for the improvement of academic and research programmes. All the PJTS agricultural university Libraries are equipped with the sufficient number of computers with latest configuration and U.P.S. facility, Printers, Touch Screen Computers etc. to access the e-Resources and also to browse the Internet. The internet facility is available in all the campuses of PJTS agricultural university libraries.

The Five Laws of the Digital library are inspired by the "Five Laws of Library Science" (SR Ranganathan, 1931) which were the seed of all of Ranganathan's practice. These laws form the foundation for the Digital library by defining its minimum requirements. While the laws seem simple on first reading, think about some of the conversations on the Digital libraryand how neatly these laws summarize much of what the Digital library community believes. Although they are simply stated, the laws are nevertheless deep and flexible. These laws are:

1. Digital libraryresources are for use.
2. Every user his or her Digital library resource.
3. Every Digital libraryresource its user.
4. Save the time of the library user.
5. The Digital library is a growing organism.

PJTS AGRICULTURAL UNIVERSITY

Professor Jayashanker Telangana state Agricultural University (APAU) was established on June 12, 1964 with Shri O. Pulla Reddy, I. C. S (retired) as the first Vice Chancellor at Hyderabad. It was formally inaugurated on March 20, 1965 by Late Shri Lal Bahadur Shastri, the then honorable Prime Minister of India. Later the University was renamed as Acharya N. G. Ranga Agricultural University on November 7th 1996 in honor and memory of an outstanding Parliamentarian Acharya N.G. Ranga, who rendered remarkable selfless service for the cause of farmers and is regarded as an outstanding educationist, kisan leader and freedom fighter. Learning in the University is promoted by various methods like field trips, in the laboratory and through the use of the University Library which is considered as the sun around which all teaching and research revolve. The University Library remained as a great conservatory of learning. Each and educational information

Library

The library system was reorganized in 1980, forming a Central Library at Hyderabad and College Libraries at other campuses. The Central Library is located at Rajendranagar, Hyderabad. The Central Library functions under the overall supervision of the University Librarian. The Regional Library and the College Libraries are run by the Assistant Librarians under the administrative control of the Associate Deans in the respective colleges.

Collection

The Central library has a collection of about 1, 22, 062 books, 412 national periodicals, 88 international periodicals, 42,564 back volume periodicals, 8000 dissertations, 6800 national e-journals, 900 international e-journals and 10, 000 reports. The Central Library at Hyderabad and provided with CD-ROM database searches by subscribing to CAB Abstracts online services, J-Gate, indianjournals.com, Consortium for e-Resources in Agriculture (CeRA) and CRCnetBase. Through EBSCO e-journal subscription online searches to e-journals can be accessed in the Central Library. It subscribes to CMIE (Indian Harvest) Database where area production and productivity of all the crops in India can be searched. The other databases housed in this Central Library include biotechnology abstracts, food science & technology abstracts and AGRIS

Improved access: Digital libraries are typically accessed through the Internet and Compact Disc-Read Only Memory (CD-ROM). They can be accessed virtually from anywhere and at any time. They are not tied to the physical location and operating hours of traditional library.

Widespread access: A digital library can meet simultaneous access requests for a document by easily creating multiple instances or copies of the requested document. It can also meet the requirements of a larger population of users easily.

Improved information sharing: Through the appropriate metadata and information exchange protocols, the digital libraries can easily share information with other similar digital libraries and provide enhanced access to users.

Improved preservation: Since the electronic documents are not prone to physical wear and tear, their exact copies can easily be made, the digital libraries facilitate preservation of

special and rare documents and artifacts by providing access to digital versions of these entities. Functional

Functions and Services

The following services like internet access facility, CD ROM search services, current awareness services, book bank services, online printing services, reprography services and career guidance service are being offered. Online Public Access Catalogue is available at the Central Library. Readers can access bibliographic details of the books through the computer terminals. Under e-Granth project ANGRAU Central Library has uploaded all the cataloguing data to Agricat/worldCat.

Digital Resources

The University Library has subscribed e-Resources/Online Resources to provide the latest information to the Teachers, Scientists, Extension Specialists, and Students etc.

- **CAB Online Version:** Provides abstract and full articles from 1973 to present. Online CAB Abstracting services data is very useful in formulating technical programmes, research projects, writing Ph.D. and M.Sc. thesis etc. www.cabdirect.org
- **IndiaStat - Statistical Database: Indiastat.com** is an authentic storehouse for socio-economic statistics about India. Provides statistical data, current happenings with a statistical approach, articles from scholars on subjects of social and economic importance etc. www.indiastat.com
- **E-Books Taylor & Francis:** The University Library has purchased more than 210 CRC Net Base e-Books on Agriculture and allied sciences which can be accessed through I.P. and User ID and Password basis. The e-Books are very much useful to the Teachers, Scientists, Extension Specialists and Students to browse the important content on agricultural and allied sciences. www.crcnetbase.com
- **E-Books CABI:** University Library has purchased 510 CABI e-Books on perpetual basis and on DVD. Which has Unlimited access from the year 2000 to 2010 and provided access to all the PJTS agricultural university colleges via I.P. range and on User ID and Password basis. The User ID and Password will be circulated to all the Colleges of the University, Research Stations. E-Books are useful for the Teachers, Scientists and Students to browse important agricultural content by sitting anywhere anytime and these will improve the quality of research and save lot of precious time of the Students, Teachers and Researchers. www.cabi.org/cabebooks/
- **Elsevier e-Books/e-Books on SciVerse Science Direct :** Elsevier e-Books/e-Books on SciVerse Science Direct provide the comprehensive and reliable content that researchers need, the accessibility and search ability that researchers want which alone cannot available in print sources. All the PJTS agricultural university colleges can access via I.P. range and on User ID and Password basis. www.sciencedirect.com
- **Krishi Prabha Indian Agricultural Doctoral Dissertations Repository service.** It provides access to the Ph.D. theses of all the State Agricultural Universities and ICAR institutes in India from the year 2000 to 2007. <http://14.139.232.167:8080/equesthesis/>
- **Consortium for e-Resources in Agriculture (CeRA):** The ICAR has provided Consortium On-line e-Resources service called CeRA Consortium for e-Resources in Agriculture) under NAIP project from 2008 onwards. It is providing access to nearly 2900 journals in agriculture and allied disciplines. The user ID and Passwords have

been circulated to all the Colleges of the University, Research Stations and also to all the patrons of the University to utilize the e-Resources effectively

- **AgriCat:** AgriCat is the Union Catalogue of the holdings of 12 major libraries of the ICAR Institutes and SAUs. It has been created with the partnership of OCLC WorldCat. The PJTS agricultural University Library is also a member library in AgriCat/World and contributed nearly 35,000 bibliographical records. www.agricat.worldcat.org
- **J-Gate Agriculture and Biological Sciences:** It has also provides access to Online e-Journals Portal called J-Gate Agriculture and Biological Sciences under CeRA for the year 2013-2014 (which covers data from January 2001 to present). www.jgateplus.com
- **Krishi Kosh:** KrishiKosh is an Institutional Repository under National Agricultural Research System (NARS). The repository of knowledge in agriculture and allied sciences, having collection of old and valuable books, records and various documents spread all over the country in different libraries of Research Institutions and State Agricultural Universities (SAUs). <http://krishikosh.egranth.ac.in/>
- **CMIE-Commodities Database:** Commodities database is the most Comprehensive and reliable source of Indian Commodity Prices, Market Intelligence, Crop forecasts and Time-series data for Agricultural Commodities. India Harvest Database has been replaced with Commodities database with additional resources. <http://commodities.cmie.com/>
- **DELNET:** DELNET provides access to more than 1.75 crore bibliographic records of books, journals, articles, CD's etc. The internet Library Loan/document Delivery Services are one of the most popular services of DELNET. The main objectives of DELNET are to promote resource sharing among the Member-Libraries by collecting, storing and disseminating information by offering networking services to users. <http://delnet.nic.in/>
- **EZProxy:** The PJTSAU University Library has implemented EzProxy middleware software to provide remote access to web-based licensed resources offered by the library. The EzProxy server authenticates library users against local authentication authorization. It is useful to access all the Library subscribed on line resources in a single platform and to download fulltext articles through EZProxy server without having any IP Address. <http://12.139.95.59>

Library Security system

PJTSAU University Library has been equipped with CCTVs for effective monitoring of every section, movement of the users to protect the Library Material from pilferage, misuse and also for security reasons. The PJTS agricultural university Library has implemented 3M Library Security System (Electro Magnetic Detection Systems) which protects the library material from theft. The system can be customized for exits and entrances. The Library Security System will ensure in protecting the library material and also to secure the library from untoward material.

E-Resources Training Centre

A separate e-Resource training Centre has been set up in the University Library to conduct PGS-501 Course, User awareness-cum-training programmes on e-Resources for the benefit of the library users to utilize the electronic information resources effectively and the hall is also using for various meetings of the University.

Conclusion

The possibilities of ICTs, digital information, electronic document delivery, library consortia, web based resources, etc. have helped to provide better services to the users. But wide disparity in the availability and use of academic information still prevails among PJTS agricultural university Library. This justifies the establishment of University Library Consortium which automatically will bring economy, efficiency and equality in information availability and use. Telangana being a developing should form a body among the university libraries to catch the new opportunity to make proper university library consortium in the present time. Proposed consortium would bring a special attention to its members for its systematic approach and will ensure a sustainable growth of the university libraries PJTS agricultural university Library in Telangana.

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