KARNATAKA DIGITAL PUBLIC LIBRARY: A STUDY

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Abstract*: A library is a place of learning center that has been in our civilization from ancient times. It is a location where humans and information interact in order to meet information and social demands. Libraries play an important role in preserving a country's cultural heritage. In this day and age, when there is an abundance of information, libraries help society by preserving and disseminating relevant information as needed. This study focus on the Karnataka digital library services and activities taken place in the digital edge.*

Introduction:

Libraries serve a vital role in society as a portal to knowledge and culture. These are tools and services that promote and provide learning opportunities, literacy, and education, as well as aid in the formation of new ideas and insights necessary for a creative and innovative society. These are accurate recordings of information developed and collected by past generations that are being preserved.

Libraries have been a social institution that plays a significant part in modern culture and is recognized as the community knowledge portal since the beginning of civilization. As a result of the growth of new information sources, particularly web-based services, the role and shape of libraries has evolved drastically. Libraries in today's information age contain both print and non-print items. Books, magazines, traditional documents, maps, charts, and older records are among them. In a world without libraries, it is impossible to promote study and human understanding, let alone preserve the world's cumulative knowledge and culture for future generations.

Growth of Public Library in India:

The modern concept of a public library in India was introduced during the British colonial period, and the development of public libraries in cities such as Bombay, Madras and Calcutta helped pave the way for future library development from the early nineteenth century. It has existed in India since ancient times, acting as repositories of knowledge in rulers, temples, universities and courts. The development of public libraries in the country accelerated during the post-independence period, the Madras Public Library Act was passed in 1948. After independent India's first library inscription providing public library service. Since independence 28 states and 6 Union Territories have enacted Public Library Acts.

A public library is a non-profit organization that was established for the benefit of the public and is primarily funded by public funding. It offers free services to anyone, regardless of their age, ethnicity, gender, social, economic, or educational background. Education, information, entertainment, aesthetics, and research are the five main purposes of all types of libraries.

Public Library Growth in Karnataka:

The Public Library System of the State has been implemented in accordance with the Karnataka Public Library Act 1965. State-level library at the state level, urban center library and branch libraries in every city with a population of more than one lakh population, There are libraries at the district level, taluk level, municipal, gram panchayat level, and nomadic and slum libraries and community children's libraries for children.

Sr.No.	Details of Libraries	No of Libraries
1.	State Central Library	1
2.	Indira Priyadarshini Children Library	1
3.	District Central Libraries	30
4.	City Central Libraries	26
5.	Mobile Libraries (Dist.& City)	12
6.	Branch Libraries(Dist. & City)	519
7.	Service Stations (Dist. & City)	145
8.	Reading Rooms	83
9.	Gram Panchayat Libraries	5766
10.	Slum Libraries	100
12.	Nomadic Libraries	127
13.	Community Children Centre Libraries	31
	TOTAL	**6841**

Source:Karnataka Public Library website

Karnatka Digital Public library:

The digital library website and eSarvajanika Granthalaya App service has been launched in the country under the aegis of the Karnataka Public Library Department. About one lakh books, about 95000 English books, magazines, language books, and videos have already been digitized and included on the website. All of these services can be read by public library readers through the register in e-library website and App. Recently Karnataka Public e-library has gone over 1 crore+ readers.

Features of e-library:

E-Books and Videos: Includes e-books and concept videos with enhanced integration and quality for a perfect learning experience with clarity and accuracy.

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e-Journals: Knowledge-based e-journals are available for the creation of a variety of curriculum for the learner to have a better learning experience.

Academic: Access to a huge repository with informative content based on K-12 academic content for individual research and understanding.

Simulation Lab: Interactive and engaging simulation labs for learners to understand different concept for the learners.

Competitive Exam: Resources are concentrated on preparing competitive and recruitment exams like NEET, IIT-JEE, Banking, Olympiad, etc.

Evaluation: Pop quizzes, practice tests are integrated into competitive exams with an automated assessment feature to provide learners with a strong learning ground.

Display Trendings: This official website flash the trending ebooks and trending videos on the homepage.

Important subject wise e services and Information:

- **Kuvempu Comprehensive Prose Volume:** It contains all the volumes 1,2,3,4,5,6,7 and 8 of the Comprehensive Prose Volumes created by Kuvempu.

- **AIR Raagam:** It is a 24X7 Indian Classical Music YouTube channel, that specializes in broadcasting Indian classical music in Hindustani and Carnatic.

- **All India Radio Bangalore:** All India Radio, officially known since 1956 as Akashvani, is the national public radio broadcaster of India and is a division of Prasar Bharati. AIR Bangalore is an online station from Bangalore.

- **Kanaja:** This is an online encyclopedia, developed by the Karnataka Knowledge Commission and owned by the Department of Kannada and Culture, Government of Karnataka.

- **Positive vibrations**: It is the act of recording good deeds and acts of kindness. This site undoubtedly enriches articles of government policies and programs and constructive suggestions on nation-building, inspirational stories, episodes and related topics. Readers are invited to send them in large numbers and also contribute articles of contemporary relevance.

- **Tumkur Digital Library:** The City Central Library of Tumkur has set up a digital library. The library includes a collection of digital library services such as e-books, e-magazines, and all kinds of e-resources for the new generation of users. The library provides web library, reprographic facilities and bibliography reference and information to the public.

- **Networked Digital Library of Theses and Dissertations (NDLTD):** It is an international organization dedicated to the adoption, creation, use, dissemination and promotion of electronic theses and dissertations. The organization freely supports electronic publishing and scholarships

for the dissemination of knowledge worldwide. The organization's website provides resources for university administrators, librarians, professors, students and the public.

- **National Programme on Technology Enhanced Learning (NPTEL):** It is launched in 2003 by the Indian Institute of Science, Bangalore, with seven Indian technology institutions - Bombay, Delhi, Kanpur, Kharagpur, Madras, Guwahati and Roorkee. Five major topics are identified under this project Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering and Mechanical Engineering and also developed 235 courses in video format.

- **E-Gyankosh:** It is serves as the national digital repository for collecting, indexing, preserving, distributing and sharing digital learning resources developed by open and telescopic institutions in the country.

- **SWAYAM On-line Courses:** This program has been launched by the Government of India. The three policies of education are designed to achieve access, equality and quality. The purpose of this program is to provide the best teaching learning resources for all, through the digital platforms and the digital divide to bring the mainstream of the social who knows what is missing from the digital revolution and knowledge economy. This program is open to anyone who wants to host all courses taught from 9th grade to postgraduate and can be accessed anywhere, anytime and free of cost.

- **E-PG Pathshala:** This program has been launched by ICT UGC through the National Mission on Education. Content and quality education is the main objective of this project. It is provide high quality curriculum based interactive e-learning course covering 70 subjects mainly covering social, science, art, fine arts and humanities, natural and math's.

- **Consortium for Educational Communication (CEC):** The Consortium for Educational Communication, popularly known as CEC, is one of the Inter University Centers set up by the University Grants Commission of India. It has been established with the goal of addressing the needs of Higher Education through the powerful medium of Television along with appropriate use of emerging Information Communication Technology (ICT). Realizing the potential and power of television to act as a means of educational knowledge dissemination, UGC started the Countrywide Classroom Programmes in the year 1984. For production of such programmes, Media Centres were set up at 6 Universities. Subsequently CEC emerged in 1993 as a nodal agency to coordinate, guide & facilitate such Educational production at the National level. Today 21 Media Centres work towards achieving this goal under the umbrella of CEC.

- **SWAYAMA PRABHA:** It is a group of 34 DTH channels devoted to telecasting of high-quality educational programmes on 24X7 basis using the GSAT-15 satellite. Every day, there will be new content for at least (4) hours which would be repeated 5 more times in a day, allowing the students to choose the time of their convenience. The channels are uplinked from BISAG-N, Gandhinagar. The contents are provided by NPTEL, IITs, UGC, CEC, IGNOU, NCERT and NIOS. The INFLIBNET Centre maintains the web portal.

- **National Digital Library of India (NDLI)**: It is a virtual repository of learning resources which is not just a repository with search/browse facilities but provides a host of services for the learner community. It is sponsored and mentored by Ministry of Education, Government of India, through its National Mission on Education through Information and Communication Technology (NMEICT). Filtered and federated searching is employed to facilitate focused searching so that learners can find the right resource with least effort and in minimum time. NDLI provides user group-specific services such as Examination Preparatory for School and College students and job aspirants. Services for Researchers and general learners are also provided. NDLI is designed to hold content of any language and provides interface support for 10 most widely used Indian languages. It is built to provide support for all academic levels including researchers and life-long learners, all disciplines, all popular forms of access devices and differently-abled learners. It is developed, operated and maintained from Indian Institute of Technology Kharagpur.

- **SHODHGANGA:** Theses and dissertations are known to be the rich and unique source of information, often the only source of research work that does not find its way into various publication channels. Theses and dissertations remain an un-tapped and under-utilized asset, leading to unnecessary duplication and repetition that, in effect, is the anti-theses of research and wastage of huge resources, both human and financial. Shodhganga" is the name coined to denote digital repository of Indian Electronic Theses and Dissertations set-up by the INFLIBNET Centre. The word "Shodh" originates from Sanskrit and stands for research and discovery. The "Ganga" is the holiest, largest and longest of all rivers in Indian subcontinent. The Ganga is the symbol of India's age-long culture and civilization, ever-changing, ever-flowing, ever-loved and revered by its people, and has held India's heart captive and drawn uncounted millions to her banks since the dawn of history. Shodhganga stands for the reservoir of Indian intellectual output stored in a repository hosted and maintained by the INFLIBNET Centre

- **The e-Shodh Sindhu:** It will continue to provide current as well as archival access to more than 10,000 core and peer-reviewed journals and a number of bibliographic, citation and factual databases in different disciplines from a large number of publishers and aggregators to its member institutions including centrally-funded technical institutions, universities and colleges that are covered under 12(B) and 2(f) Sections of the UGC Act.

- **VIDWAN**: It is the premier database of profiles of scientists / researchers and other faculty members working at leading academic institutions and other R & D organization involved in teaching and research in India. It provides important information about expert's background, contact address, experience, scholarly publications, skills and accomplishments, researcher identity, etc. The database developed and maintained by Information and Library Network Centre (INFLIBNET) with financial support from the National Mission on Education through ICT (NME-ICT). The database would be instrumental in selection of panels of experts for various committees, taskforce, established by the Ministries / Govt. establishments for monitoring and evaluation purposes.

E-newspapers :

Kannada Prabha, Vishwavani, Udayavani, Samyuktha Karnataka, Sanjenani, Vartha bharati, Ee Sanje, Financial Express, Hindustan Times, The Tribune, Deccan Chronicle, The Asian Age, Hindustan, Navodaya Times and Hind Samachar

E-Magazine:

March of Karnataka

Vartha Janapada

How to access e library services

eSarvajanika Granthalaya: A Public library readers can download the eSarvajanika Granthalaya app from Google play store in the Mobile.

Karnataka Digital Library website: A Public library reader visit the official website for register themselves through scan QR code.

Conclusion:

Education is the backbone of any society. Libraries play a crucial role in promoting education, research, personality development, ethics and others. It is impossible to achieve without proper education. Libraries organize, preserve, and disseminate information and books to the education system. In this way libraries play an important role in the development of society. The impact of Covid-19 all libraries are closed, in this situation e-libraries services will be of great importance to readers. Karnataka Public digital library is one of the most popular services in the country.

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