



## A Study on ICT Based Library Services in R. H. Save Library, SDSM College Palghar

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### **Abstract:**

ICT has become an imperative part in academic libraries. Academic libraries have been providing ICT based advanced services to the students. The application of ICT has brought tremendous remarkable implement. In this article the study of ICT based library & information services provided by R. H. Save library. This paper describes the library services and the major changes in efficient library services for the users in the college.

*Keywords: ICT, E-resources, Academic library, ICT based resources*

### **Introduction:**

Information and Communication Technology (ICTs) are a effective, result oriented and a diverse set of technological tools and resources & using in our types of libraries for storing, delivering, managing and comminuting for library purposes. The development & its use of ICT in libraries changed the past scenario & traditional concept of library & library services.

The ICT resources & ICT based services becomes the need of the age. The development & advancement in ICT has also changed the nature structure & overall functioning & presenting academic libraries. The ICT based resources provides & fulfill the needs of the user as per the evolved times. The main components of the ICT are computer which include hardware & software, internet, wireless technology, RFID technology, Barcode technology, electronic resources and often ICT based resource. The effective use of ICT based tools in academic libraries makes a tremendous change in the overall funding of library & library services. ICT tools help in various library services such as budgeting, automation, availability of e-resources & databases subscribed by the library Net facility, software & hardware used in library. Barcode technology, the use of ICT mainly facilitates for acquisition, storage, processing, organizing, retrieval & dissemination of information in a smart & fastest way as possible.

### **ICT Based Library Resources & Tools**

1. Library websites and networks
2. e-books
3. e-databases



4. e-journals
5. e-thesis
6. WebOPAC
7. E-newspapers
8. Bulletin boards
9. FAQs
10. Digital storage
11. Blogs
12. Wikis
13. Remote control technology
14. RFID technology
15. QR code
16. CCTV (closed Circuits Television)
17. Social media like Facebook, Twitter, Blogs, Instagram, LinkedIn, Youtube
18. E-magazine

#### **About Palghar District:**

The Palghar district is the western district of the state of Maharashtra on the Arabian sea coast. This district as being near to Mumbai city, the capital city of the state most of the population is tribal.

#### **About SDSM College:**

College was founded in 1970 with a vision to provide higher education to all especially to tribals in the area.

#### **About R. H. Save Library (knowledge resource center):**

The college library was established in 1970. It had the collection of 699 books at that time. The main objection of the library is to promote the reading habits among the users to promote every reader his/her book & information. To see that every book has into its reader to save the time of user, to make library fully automated.

#### **Methodology:**

Quantitative research methodology employed for the present study and data collected from the Secondary sources, such as library records, ICT implementation reports, and papers, usage data, and earlier assessments that were examined and In order to compare practices and observe trends, relevant scholarly literature and case studies on ICT in library services have been examined.



The proposed study aims to analyze library records and academic research to evaluate the efficacy of technology implementation in libraries and its impact on library services. This comprehensive analysis will:

1. Identify best practices
2. Elucidate current trends
3. Pinpoint areas for potential improvement

**ICT based Infrastructure available in the Library**

Computer – 37                      Server – 1  
Printer – 2                          Scanner – 1  
Barcode scanner – 7    Reprographic machine – 1

**Books & Journals in the Library at present:**

Sr.No.	College books	No. of Books
1	Sr. college books	67299
2	UGC books	9730
3	Sr. book bank	7069
4	BCS books	14304
5	UGC book bank	1022
6	Donated books	8087
7	ICSSR	233
8	College book bank	6629
9	GAD	219

**ICT based Library Resources & Library Services available in R. H. Save Library**

**1) Library Websites :**

R. H. Save Library (knowledge & resource centre) aims to support the teaching, learning and research activity in the college. As per the requirement of the user our website is user friendly which helps the users in easy access to search by the simple navigation, The context is regularly updated.

The library services have now changed the pattern of crossed the boundaries of library walls. In the present age of digitization the present day libraries are thinking about the fast, reliable, authentic library services to users. The libraries are designing, developing & providing information services according to the needs & demands of the users with a very short span of time. R. H. Save library developed website incorporated in the college website. Today students, teachers & researchers prefer the digital format taking



this into consideration. R. H. Save library developed independent library website linked to the college website students & user can navigate library on <https://sdscollegelibrary.wixsite.com/mysite-1>

**2) Library Management Software SOUL 3.0**

The SOUL software is a state of the art integrated library management software designed & developed by the INFLIBNET. The software is user friendly & R. H. Save library software installed in 2004. Since then the said software is being used to provide library services and in library management. Governing SOUL is used in Acquisition, Catalogue, Circulation, Serial control, OPAC & Administration.

**3) Online Public Access Catalogue (OPAC):**

OPAC is a library collection that is open & access bibliography which provides a platform to search & locate books & other reading materials available at the library. R. H. Save library also provide this platform to the library users using SOUL 3.0 software. Through OPAC students can search & access for books available in the library by entering key word (Boolean search).

**4) WEBOOPAC :**

The Web OPAC is a library catalogue on the web or intranet. The users can search the required information by connecting to Uniform Resource Locator (URL) of web anytime during the day & from anywhere in the world.

Link: <http://192.168.0.100/webpage/>

**5) SOUL m-OPAC:**

The SOUL m-OPAc is a companion mobile application for library automation software. SOUL 3.0 which displays considerate bibliographic data of library. It allows users to search functionalities (simple & advanced) to get the list of items with their mobile device.

Link: <http://103.191.43.18.8080/webpage/result.aspx?>

Title & search = can & RDB = Contains & Typemate = all & page rec = so & calltype = all

**6) Open Educational Resources OER):**

Open educational resources are learning, teaching & research materials which is available in public domain and that permit no cost access, R. H. Save library also provide OER platform to the users in following way.



**7) N-LIST:**

The project entitled, National library and information services infrastructure for scholarly content (N-LIST) jointly executed by the INFLIBNET, e-shodhsindhu & the INDEST-AICTE. This project provides access to e-resources to college users. The authorized users can access & download article directly from publisher's websites. R. H. Save library is authenticated as authorized user & our users can access 1,35,000 e-books & 8000 e-journals freely.

**8) British Council Library:**

R. H. Save library has an institutional membership of the British council library, Mumbai. Students, teachers & users forms our college can borrow books from the library & access e-library and also after library loan service for books & journals. BCL provides wide range of educational & recreational resources including books & e-books, film, music, audiobooks, comics, graphic novels, academic journals, research papers, self-access training, newspapers, magazines.

**9) Internet Zone:**

There is a separate internet zone available in the library. The 50 computer systems with high speed Wi-Fi connection in available on a priority basis to teaching, research faculties & users of the college at free of cost, this place is also called e-library.

**10) Bibliographic Services:**

Bibliographic services are provided by R. H. Save library. These services are crucial in enhancing library's utility by organizing & providing metadata about books, journals, articles & other materials. There services help users locate & access research efficiency saving time & effort in their research & study activities

**11) QR code:**

The library has introduced QR codes displayed on the notice board, which link to a variety of useful resources. These include 50 years of college magazines, a list of recommended books with introductory pages, the library website, a feedback form, links to open-access e-resources, SOUL M-OPAC, e-newspapers, and previous year's question papers. When users scan the QR codes with their smartphones, they will be automatically connected to these helpful links.

**12) Reprographic Service:**

The reprography service at R. H. Save Library is an important resource for both students and faculty, offering an affordable way to get copies of documents needed for academic and research purposes. It also plays a key role in preserving the library's rare



and valuable collections, ensuring these materials remain accessible to users without damaging the originals.

### 13) CCTV:

The library has installed a closed-circuit camera system (CCTV) to ensure the security and protection of its resources. Cameras are placed in various sections of the library to monitor activities. The librarian's area is equipped with an LCD monitor that displays the live CCTV feed and allows access to recorded footage. Additionally, library attendants keep an eye on the stack rooms and study areas to maintain a safe and secure environment for users.

### Conclusion:

Every academic library specially involved in higher education has to make new technological advances by applying latest developed user friendly technologies. Librarian and library staff are responsible for the development and management of the libraries in many ways especially in the process of acquisition, selection of books overall adaptation & implementation of ICT for management to disseminate information & all other library services to the users. R. H. Save library have gathered all types of resources viz. traditional & digital. R. H. Save library manage the modern sources of information with the help of Information and Communication Technology in smartest way. ICT tools & technologies helped the library to provide fast, requires desirable library services reducing the time, manpower & workload with the help of ICT.

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