

## Some Mobile Apps for E-resources in Library and Information Science

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**Abstract:** - *This article explores on e-resources for users in academic libraries researchers and Scholars in library and information science. Digital e-form like e-books, e-journals, e-text, e-audio, e-video, e-photographs, images, illustrations, e-graphics and multimedia introduced in libraries. Sharing the free e-resources increases in economy of our nation as well as academic libraries. Now a day's techno-digital world came into existence. Few mobile apps studied in this article which will be very useful for the library professionals and for those who would like to do some work on mobile apps.*

**Keywords:** e-resources, mobile apps, open access, e-library, e-repositories, World Wide Web, library and information science.

### Introduction

Libraries are the store houses of knowledge and knowledge is power. The different forms of storage of information ranged from leaves, clay tablets and copper plates etc. to paper. Now we are living in the modern world with electronic information, where new things are introduced like digital-diary, digital-camera, digital-signature etc. Now a days the libraries have changed due to Internet, WWW and ICT. Information is also recorded, stored, retrieved and disseminated in

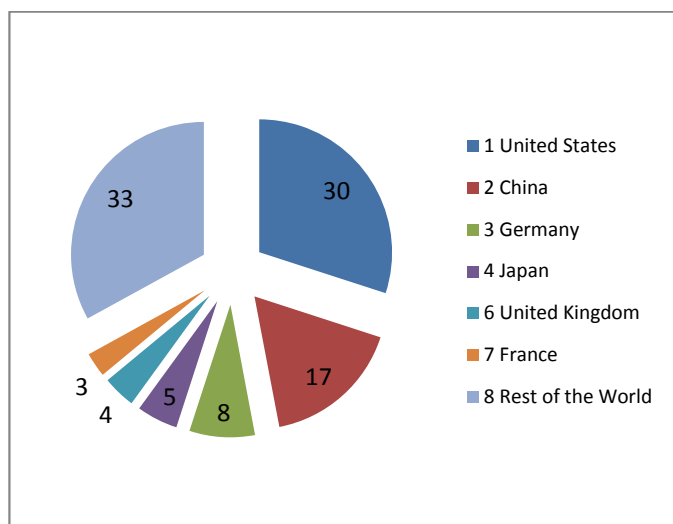
digital form in large quantities. Dr. S. R. Ranganathan introduced five laws of library and information science including save the time of the readers and every reader should get his/her book. Mobile apps can be used for searching the train, checking the e-mail, what's app, twitter, face book etc. Besides this they can be used in the library to search the catalogue, or opac, or web-opac, and for library activities like borrow and return of books, etc.

**Basic Requirement:** Compatible computers and devices include PC, iPhone, iPad, Android Phone, BlackBerry and Windows Phone.

Table:1 US is the largest e-book market in the world (market share %)

Sr. No.	Country	Percentage %
1.	United States	30
2.	China	17
3.	Germany	8
4.	Japan	5
6.	United Kingdom	4
7.	France	3
8.	Rest of the World	33

Source: Global E-book Report 2017



**Figure: 1** US is the largest e-book market in the world

**Types of Apps:**

- **Card Star app**
- **Alexandria Library Mobile App**
- **BookMyne**
- **Ebscohost**
- **NDL app**
- **LibriVox**
- **SNLTR**

- **Krishikosh**
- **NPTEL**
- **E-pathshala**
- **E-Kalpa**

- **Card Star app :** The Card Star app can replace the library cards, just install the card star app by google play in Smart Phones. The user can directly scan their member barcode on their smart phone no need to carry Library Card. Issue Return of books can be possible on the Barcode.
- **Alexandria Library Mobile App :** Download the free Alexandria Library Mobile App to get mobile access to online catalog. The app is compatible with Android Smart Phone, iPhone and iPod Touch devices and can be downloaded from the Apple App Store or Google Play for free.

**The Features of Alexandria Library Mobile App** Access are, using your library card number and pin, books are due or holds become available. Find branch locations, hours, phone numbers etc. Searching facility by title, author, publisher, subject, keyword or barcode. You'll see book summaries, cover images, number of copies and more. **Scan Barcodes** if you see a book you like at a friend's house or a bookstore, scan the barcode and see if the library has it and which branch has the item. **Event Listings** Looking for something fun to do? Check out our library events at [iTunes App Store](#) (Requires iOS 7 or later. Compatible with iPhone, iPad, and iPod touch. When downloading for iPads select the "iPhone only"

option on the device dropdown (<https://alexlibraryva.org>).

➤ **BookMyne**: a similar app which will access your account and the library catalog, is accessible for Android devices at [Google Play](#) (Requires 2.3 and up) BookMynemay be use for quick and easy to access local library. Users can search library catalog, manage your account, and download items find suggested reading materials instantly with your Android mobile device. The features of BookMyne are as follows. Find for the libraries by name or list of nearby libraries. Search for books by author, subject, title or place holds on interesting items. Use your device's camera to scan the barcode on a book, CD, DVD, or other item at a friend's house or bookstore and search for available copies at your library. Download e-books from **BookMyne** library's catalog to your mobile device. Check out the latest books available in the library. Keep track of your library account and manage your checkouts, holds, fees, dues or fines lists, and account information. There is requirement of Sirsi Dynix software as a supporting software to run this app (<http://www.whangarei-libraries.com/using-libraries/Borrowing-Information/Pages/BookMyne.aspx>).

➤ **Ebscohost** : In the digital era EBSCOhost databases and discovery technologies are useful in worldwide institutions premium online information resources. EBSCOhost free app

ensures that users get the most from searching premium database contents, provided courtesy of your library.

The convenience and rich functionality of the app enables users to choose which databases to search results to full text or abstracts. Sort by relevance or date retrieve full text results in PDF or HTML formats, save results for offline access at a later date, E-mail results to self or others automatically save around 25 most recent searches view cover flow display of results. To use the EBSCOhost app, access EBSCOhost as you typically would via your library website or corporate intranet.

➤ **NDL app** : (National Digital Library) Ministry of Human Resource Development Government of India under its National Mission on Education through Information and Communication Technology (ICT) has initiated the National Digital Library app (NDL app) pilot project to develop a framework of virtual repository of learning resources with a single-window search facility. Filtered by federated search to get right resource in minimum time. NDL India is designed to hold content of any language and provides interface support for leading vernacular language and lifelong learners. Features are a single window search facility to ever growing digital content repository. Different ways to browse content repository, Browse by content type, Browse by source, Browse by subject and Browse by learning resource type etc.

Contents available for different subject domains: Technology, Arts and Humanities, Social Sciences, Natural Science etc. App available in three different languages English, Hindi and Bengali by encrypting your Phone state specific information and this id initiates the handshaking mechanism with the NDL API for connection establishment. This mechanism is there to ensure and enable security. Allow all the permissions to enable the mandatory security.

- **LibriVox:** LibriVox was started in August 2005, by Hugh McGuire. LibriVox was inspired by AKMA'S audio volunteer project that brought Lawrence Lessig's book, Free Culture, to your ears. LibriVox is a free audio library for public. The audio books are available around 96 languages and 85,000 e-audio books are there.

The need of computer a microphone and some free recording software and your voice to join as a volunteer.

- **SNLTR:-**Society for Natural Language Technology Research this app also available and known as Kittab, which was build in 2015 on the occasion of 155th Birth anniversary of Ravindranath Tagore. In this app readers can download E-books, poetry, set under the West Bengal Government Information Technology in 2007, this app will help to users to know about more and more about Ravindranath Tagore (<https://kitaab.org/2015/06/08/tagores-works-now-available-for-android-users/#more-8511>)

- **Krishikosh:** This app has been developed under the National Agricultural Innovation Project NAIP the initiative has been taken by the digital library and Information management under NARES , ICAR and IARI New Delhi. The access to digital library to national agricultural research and digital repository in the field of agricultural, MSc, PhD thesis/dissertation etc. the features are at present it consists of 20 Million digital pages and 83,000 digital items like old books, old journals articles, reports, proceeding, reprints, gray literature, research highlight training manuals and historical records etc. Full text digital repository, comprehensive search, easy to register and download through google app.

- **NPTEL:- National programme on Technology Education Learning** it is a project funded by the Ministry of Human Resource Development Government of India with the collaboration of Indian Institute of Sciences (IISc) and Indian Institute of Technology (IIT) Chennai. They provides e-learning through online web and video courses in engineering sciences and technology, management and humanities. Its aim to provide the best quality education in the field of engineering.

- **E-pathshala :-** Information and Communication Technology (ICT) Existing in teaching and learning process in the Digital era. MHRD Ministry of Human Resource and Development Government of India as well as NCERT

(National Council of Educational Research and Training) took initiative to disseminating educational e-resources, textbooks, audio, video, periodicals and a variety of other print and non-print materials provide to students, teachers, educators and parents can access e-books through multiple technology platform like mobile phones and tablets, laptop and or desktop etc. E-pathshala also allows to users to carry many books on their devices. The features of E-pathshala is to pinch, select, zoom, bookmarks, highlight, navigate, share and make notes digitally.

- **E-kalpa :-** ICAR-CPCRI Supports to develop the android mobile app available to improve in the field of agricultural, farming knowledge and make revolutionary changes in coconut farming practices. This app provides a knowledge and immediate solution on farming in coconut. Thus farming to building a better tomorrow around the world.

**Conclusion :** Now a day's digital technology is contributing to almost every area such as information, entertainment and education. In the advent of new technologies in the field of information technology and telecommunication, considerable changes have also taken place in the field of library and information science and recent development in information and communication technology ICT, networking, use of internet and electronic dissemination of information process. Now a days so many

people's were use internet in their mobile phone rural and urban areas. The mobile apps available on goggleplay which will be helpful to users in the varies fields like arts and humanities, science and technology, engineering and medicine, industrial and agriculture. The users can search, download, print, and read the e-resources while travel or any were with the help of mobile device.

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