

# Use of Mobile Library Services and Technology

Dr. R. K. Kushwaha<sup>1</sup> and Dr. Jend Lal Singh<sup>2</sup>

Librarian

Government College, Rampur, Naikin, Sidhi, M.P., India<sup>1</sup>

Government College, Sihawal, Sidhi, M.P., India<sup>2</sup>

**Abstract:** *The uses of internet through mobile phones and smart phones day by day. Digital technology has provided faster access to information. Today mobile phones are becoming an integral part of everyday life are changing the way one connects the words. Mobile technology are also explores the type of infrastructure required by the libraries for providing these services in libraries. The paper discusses on the need, advantages, applications for libraries and disadvantages etc. Use and application of mobile technology in libraries. Mobile application and lib services through mobile technology.*

**Keywords:** Mobile, Library, Technology

## I. INTRODUCTION

As we all know that the libraries are growing organism. The mobile technology has made communication purpose. Today's cellular phones have more features and capabilities then ever before include net books, laptops, mp3 players, audio/video players, cell phones and other items. Over the seven to ten years the mobile phones has changed the way the we live and work activities. Libraries are social institutions, connected people with people information. Almost library users has a mobile phone and increasing numbers internet through mobile smart phones. Mobile phones which can support storing, receiving and access to file its time for libraries to take advantages of mobile technology. Mobile technology will the help us and experienced librarian to provide expanded services they can promote and expand their exiting service by offering mobile access to their websites and online public access catalogues by supplying on the go mobile reference services and by providing mobile access to e-books, e-journals and others multimedia content. The librarian and other information professional's need to be in touch with these technological changes and adopt these changes to stay connected with their users instantly and provided next generation facilities.

## II. MOBILE TECHNOLOGY

Mobile technology used for cellular communication. Mobile technology a standard mobile device has gone from being no more than a simple to way from being no more than a simple to way pager to being a mobile phone, GPS navigation device, and embedded web browser and instant messaging client and a hand held gaming console. Many expert believe that the future of computer technology rests in mobile computing with wireless networking. Mobile computing by way of tablet computers are becoming more popular. Tablets are available on the 3G and 4G networks. There are a lot of developments in wireless network technology, in most academic libraries. Cabled computer network are more common than wireless broadband network. The emerging Bluetooth wireless, mobile and internet technology may take some more time to have an effect in libraries.

### 2.1 Mobile Technology and Library Services

Libraries can provided the services to satisfied library users information needs the communication to this attempt the following library services may be providing through mobile technology.

1. **SMS Notification Services:** Libraries can provide alert services to their users regarding latest news, event, outstanding fines, issue return notification, renew books, and other regarding related things to the libraries and host institutions in the form via SMS and MMS. Such notification can be generated with the help of integrated library management software.
2. **Learning Services:** Mobile phones are very best for e-learning support academic libraries can quick provide e-resources through mobile technology to promote e-learning, distance learning and other many research activities.

3. **Reference Services:** The libraries can provide reference services through mobile phones via sms, mms and e-mails etc.
4. **E-Resources:** Some publishers are creating e-books, e-journals, web database etc. which can be used on mobile so that users can easily access and read them.
5. **Library Guide:** Library can gives users can access library guides, question/answer and other material from their smart phones.
6. **Document Supply:** Libraries can provides users can get non print materials and others multimedia items via smart phones.
7. **QR Codes:** QR code stand for quick response by two dimensional bar code which can contains any alpha numeric text that is known as mobile tagging.

## **2.2 Mobile Technology Devices used in Libraries**

Users are using different type of mobile phones like -

- PDAs (personal digital assistant)
- Cell phones
- Tablets
- Smart phones
- I pods and mp3 players

### **A. Components**

- The device
- The users
- The content
- The operating systems.

### **B. Mobile Sites**

The library websites which are especially designed for viewing on mobile devices are as -

- University library, London school of economics.
- American university library, Boston. University medical centre mobile library
- University library, Cornell university library, Duke university, Florida international.

## **2.3 Mobile Based Library Services**

The mobile technology services are quick may provide to library users. Provide these mobile services followed basic items are necessary -

- Needed of digital library
- Needed of integrated library automation and management software with mobile technology interface.
- Expert trained staff.
- Needed of websites with mobile view interface.

## **2.4 Advantage of Mobile Technology in Libraries**

There are many advantages of providing access of libraries on mobile phones. some important benefits are -

1. Limitless access
2. Location Awareness
3. User participation
4. Time saving
5. User friendly
6. Ability to access information
7. Personalised services
8. Quick feedback

### 2.5 Disadvantage of Mobile Technology in Libraries

There are some disadvantages are -

1. High cost price
2. Limited computational power
3. Slow transmission speed
4. Insufficient contents.

#### Limitations:-

Application of mobile technology in very useful facilitate for library services but there are some limitations of this technology provided such as:

1. Digital right management
2. Less band width speed
3. Privacy and Security
4. Access to information in digital age
5. Lack of staff awareness

### III. CONCLUSION

Nowadays of mobile technology has a very important part of our lives. There are a growing influences of mobile technology in libraries. Mobile technology have a main stream of facilitate the teaching, learning and research process in a great way. There are many tools and techniques through libraries can easily provide services through mobile technology. There are many individual and institutions that are engage developing and using mobile technologies in academic. The mobile web is the next step for libraries in providing a universal access to resources and information of users.

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