



TEACHING AND LEARNING WITH INFORMATION COMMUNICATION TECHNOLOGY IN ACADEMIC LIBRARIES

Assitt. Prof. Nitesh E Motghare¹ Dr. Raju K. Mate²

¹Librarian / Head, Department of Library, Jyotirao Fule Samajkarya Mahavidyalay,
Umred – Nagpur

²Executive Principal, Jyotirao Fule Samajkarya, Mahavidyalay, Umred –Nagpur

Corresponding Author- Assitt. Prof. Nitesh E Motghare

Email- niteshmotghare462@gmail.com

DOI- 10.5281/zenodo.7070510

Introduction:-

In this 21st century, the term technology is an important issue in many fields including libraries ICT integration in education for the most part means technology based teaching and learning process that closely relates to the utilization of learning technologies in libraries. Librarian in college and universities are innovative ideas implemented to the use of information technology today's libraries teach student how to use of information technology adis and skill. Libraries organise collection and provide access and services that incorporate changes in teaching, learning and information technologies. Libraries are an essential link in this communication between the past present and future. Library is one of the social institution so it always is involved in the progress and development of the society for the successful administration and organisation of the library specially Trained personals art required this is only done through the library education by preparing trained persons in the subject most academic libraries are linked to other libraries in cooperative networks enabling them to share scarce and little used materials required for advanced research. The information has emerged as the prime in the 21st century ICT has exerted a profound influence on traditional academic libraries. The use of computer for library its implementation of from law of library and information science. in the present scenario the library and information centres at a global level can provide access to online database across the country and worldwide full text information sources with keyword searching.

Role of librarian in modern information technology age:

Today the librarian plays a significant role in information holding and information transfer he is rightly known as the information officer or information scientist and his supposed to provide and active service for maximum use of information with minimum cost and time and information officer is known by his behaviour and capabilities of providing right information to write speaker and right time the role of librarian as an information officer change with the

change in the needs of society of the users. This the modern librarian has to play a very important role in the process of communication in the contemporary time for which he must be well educated, highly qualified and professionally competent.

In the changing technology environment, the librarian should be highly skilled professional as professor disseminator of the information understanding the requirements of the users this today the library and pledge significant role in information holding.

The role libraries in higher Education:

In academic libraries student teachers and researcher one frequently users of the libraries, who make little use of library staff assistance the academic community particularly in university utilise library services for research and teaching purpose academic work is supported by the library. Education is essential process of growth and development which goes on throughout the life the university is an important agency for imparting higher education. the traditional function of a University are mainly acquisition, preservation, dissemination and extension of the frontiers aap knowledge, the balanced education of individuals and the training of personal for all walks of life.

A library is considered as the heart of institution and it is the centre of learning for higher education. following aim and objectives of library in education system.

1. Education most facilitate the process of change that is essential for a developing and growing society.
2. To provide the promote facility for advanced study and research in education.
3. To provide teacher training and guidance in order to prepare candidates for the all courses thase conducted by institution.
4. To conduct research in several branches of education published the result of such research and act as an educational information dissemination centre.
5. To prepare educational leaders in teaching research and administration.
6. To stimulate educational research of high quality both fundamental and applied required for the improvement of education.
7. To provide opportunities for professional educators to improve their knowledge and ability through

summer and evening classes short term course seminars and other means.

Impact of information communication technology in academic library:

In this age of digitization being able to effective apply technology should be high on the least of what teacher at all levels of our education should know and be able to do in any instructional trensaction.

ICT has impacted every part of academic library activity especially in the form of library collection development strategies academic libraries are also using modern ICTs to automate their cere function implement efficient and effective library cooperation and resarce sharing networks implement management information system develop institutional repositories aap digital local contents and digital libraries information and communication technology (ICT) has brought unprecedented change and transformation in academic library and information services such as OPAC users services reference services user education inter library loar audio visual services current awareness services document delivary can we provide and more effectively using of ICT.

ICT is a growing phenomenon in society. The library is a dynamic and evolving enterprise in education. Information and communication technology has become and integral part of modern libraries database are replacing the huge amounts of inventories resources sharing has become a requirement and is easier through modern techniques. To meet the information need of users academic libraries provide various services search as user education, abstracting and indexing services. Reference services photocoping services, a compilation of reading list and biographies email, internet connectivity, CA, researching and publishing. In library information

technology has assisted library professionals to provide value-added quality information service and give more remote access to the internationally available information resources today's in the technology age tremendous change and information technology to facilitate the strong of huge data or information in very compact space.

ICT need of library professional:

Information professionals must not only be aware but this should be trained to get in world to efficiently and effectively discharge their duties. This is the most important components of ICT it is a network of network that perform the connectivity among the computers most of the libraries and information centres using social media for the promotion or marketing of their resources technology has a great contribution to the security of the library through computer after having civilized various technology process ICT can be used for resource sharing among libraries and information centres. The role of technology is very much significant for cooperative acquisition cooperative processing their use of electronics gadgets such as computers barcode scanner and library management software help to perform circulation routine operation most easily and quickly.

Conclusion:

Library resources must be utilise at a large amounts it is helpful to library professionals to be updated with the technology for their existence ICT to improve their teaching methods and approach his desired to promote effective learning as well as to meet the demand of the 21st century teaching skills. Give more assignment and activities to students so that they learn more about ICT are of the most useful way to discover reliable resources in a particular subject discipline is to use subject best Internet gateway and archives. Information and

communication technology has brought phenomenal change and transformation to academic library and information services.

References:-

- 1) Kumar R & Kaur A. (2006). Internet use by teachers and students in engineering colleges of Punjab, Haryana, and Himachal Pradesh, India: An analysis. *Electronic Journal of Academic Special Librarianship*, 7(1), 1-13.
- 2) Sudharani, Y. (2007). Internet as an Information sources: A survey of engineering students in Nellore district. (Unpublished doctoral dissertation). Department of Library and Information Science, Sri Venkateswara University, Tirupati.
- 3) Mohamed, Haneefa (2007). Application of information and communication technologies in special libraries in Kerala (India). *Library Review*, 56(7), 603-620.
- 4) Krubu, Dorcas Ejemeh & Osawaru, Kingsley Efe (2011). The Impact of Information and Communication Technology (ICT) in Nigerian University Libraries. *Library Philosophy and Practice* (e-journal). Paper 583. (Accessed on 12 June 2012 From <http://digitalcommons.unl.edu/libphilprac/583>)
- 5) Arjun et al. (2010a). Role of Library in Higher Education in India. *International journal of Librarianship and Administration*, 1(1), 9-10. Retrieved from <http://www.ripublication.com/ijla.htm>
- 6) Bhoi, N. K. (2017). Use of information communication technology (ICT) and library operation: An overview.
- 7) Esegwu, M., Jimada, A., Hussaini, S., Alkasim, H., & Mahadi, B. A. (2014). Skills and Professional Training Requirements for Librarians of the Mtn-Net Library of Kashim Ibrahim Library. Ahmadu Bello University

Zaria. IOSR J Humani Social Sci, 19(7), 55-60.

- 8) Fagbe, A. O., Amanze, R. C., Oladipo, S., Oyenuga, E., & Adetunji, O. O. (2015, August). The Role of Information Technology (IT) in the Academic Library. In The 3rd School of Education and Humanities International Conference on the Future of Higher Education in Africa, Babcocks University (pp. 24-26).