

Perception of Medical students towards the emerging trends & Its Impact on the library Services

Saeed Ullah¹ Dr. Sayed Ghafar Shah² Muhammad Yahya Jan³

Abstract

Purpose of the study: The purpose of this research paper is to know the perception of the medical students about the emerging trends in libraries of public sector medical colleges of Khyber Pakhtunkhwa. The impact of these technologies on library services of these libraries will also be the topic of discussion of this study. **Material and Method:** Quantitative method was adopted to carry out this research study. Adapted questionnaire was used for data collection. Three hundred and fifty questionnaires were distributed among the medical students of the medical colleges of KP. **Data analysis and Techniques:** Statistical Package for Social Science (SPSS) was used as data analysis tool. **Results:** From the analysis of data, it was reported that a good number of the medical students are moderately aware of the emerging technologies in the libraries of medical colleges of KP. It has a positive impact on medical libraries under study.

Keywords: Emerging Technologies-Libraries, Medical libraries- KP, Emerging Library Technologies-KP.

Introduction

Library is an important social institute recognized around the globe and without a library no community is consider to be complete. Now libraries are dealing with challenges because of effect of ICT, converting user needs, converting data surroundings or Web/Google which is attempting to update library professional. New science is ensuing in changeover from Copy to electronic, modifications take region from Forms to Formats and Delivery systems. Due to the rising technologies, there is alternate in the wishes of library customers in admire of offerings and sources of the library. Each group is presently attempting to compete in the country wide and worldwide rankings and with the modified roles and services; the libraries and librarians are taking part in key role. In this Era, Library and Information Science (LIS) experts have to be conscious of rising traits and applied sciences in library and records offerings like Library modernization, Digital and Institutional Repository and electronic and virtual Library Services etc. People are questioning that the function and future potentialities of library experts are lowering as a substitute we can say that they are turning into extra vital supplied they are maintaining tempo with rising developments & applied sciences in LIS and inclined to go out of box.

Related literature

Jan SU (2014) had explored the emerging technology in Pakistani universities; the author stated that the major problem faced during the study was electricity frailer, lack of training for the library professionals. Rubina Bhatti (2010), Muneera Nasreen Ansari and Bushra Adeeb Zuberi (2010), Muhammad Arif & Khalid Mehmood (2010), Syed Jalal-ud-din Haider (2007), Rahman Shafiq & Pervaz Ahmad (2007), write that Lack of digital literacy skills, poor technological setups, sluggish web accessibility, poor planning for library modernization, deficiency of norms and standards for resolution of fabulous infrastructure, monetary issues, weak standards, ambiguity and most essential lack of willingness of library experts and lack of ready manpower, developing

¹ Librarian Post Graduate Medical Institute Peshawar

² Paeds Urologist IKD

³ Librarian Post Graduate Medical Institute Peshawar

population, much less significance to present day facilities, power disaster are the root reasons of sluggish growth of rising library technologies. Jan, S., Hussain, A., Ibrahim, M., & Saeed, S. (2018) have depicted that low web speed, virus on computer systems and a lack of cutting-edge trainings have been the important barriers. E-journals, e-books, on-line databases and theses and dissertations had been the primary sources consulted by the using participants.

Keralapura (2009), Chinwe V. Anunobi (2008) K.R Mulla (2006), Bushra Almas Jaswal (2005: 87-104), Krishen Gopal (200), Janet Gertz (2000) and Chepesuik (1997) depict the advantages of rising technology. The researchers were of the view that emerging fields of knowledge has elevated the potential of libraries to satisfy the requirements of the their customers in extra subtle manner, convey down their expenses, and full help in the new organized world. They similarly provide an explanation for that no proper limit, nonstop accessibility, retrieval of information, protection, renovation and no area obstacles are the giant natural merchandise that can be achieved by means of embracing bobbing up library advancements. Chinwe V. Anunobi (2008) deoicted that with the presence of current, quick, modest and profitable technology, the job, capability and duties of every information centre has long past via an upset. M. Shariful Islam of Bangladesh (2007) clarifies that bobbing up advances are affecting the necessary factors of statistics asset focuses in a variety of aspects. The quite a number factors include a creating activity of library archives, data explosion, up-to-the-minute libraries patterns, and the investigation of most latest and real looking PCs.

Research Objectives

- ✓ To Assess the perception of medical students towards the library emerging trends and
- ✓ To explore the impact of these emerging trends on the library services

Research Methodology

To come to a substantial end result and to meet the particular targets of the current, distinctive exploration procedures (questionnaires, discussions and thought) have been utilized. The review is likewise upheld by complete writing audit and web examination. The complete populace of the current examination was the learning resources focus of the govt. sector medical colleges of Khyber Pakhtunkhwa. A total of 350 questionnaires were given to random medical college students, in which 301 were returned correctly while the remaining 49 were incorrect, and missing. Key statistical equipment and easy share analyses have been used for the processing of records by way of making use of (SPSS) and MS-Excel.

Results

With the look of ICT, the data explosion has skilled widely wide-spread trends in more than a few fields of understanding, mainly in the clinical sciences which deeply affected scientific teachers, professionals, college learners in looking for afterwards their survey and perception thought. So, here in the state of affairs a person can effortlessly conclude that rising traits is the need of the dawn. The authors gathered information regarding recognition of rising inclinations, and is stated thirty three point six one percent of the library customers at the govt. setup libraries of clinical faculties fairly conscious about the rising developments and 31.53% of the customers had been now not conscious at all.

Library Resource	Not at all aware	Slightly aware	Somewhat aware	Moderately aware	Extremely aware	Total
Library Portals	301	00	00	00	00	301

OPAC	301	00	00	00	00	301
Ask Librarian	301	00	00	00	00	301
Multimedia	00	201	100	00	00	301
Social networking	00	00	193	101	07	301
Mobile Application	63	56	125	57	00	301
Email	00	00	00	215	86	301
Virtual Shelf	295	06	00	00	00	301
Video Conferencing	00	301	00	00	00	301
Online Indexing & Abstracting Service	301	00	00	00	00	301
Total	1562	564	418	373	93	3010
%age	31.53	15.12	4.87	33.61	14.87	100

Impact of Emerging Trends on Library Services

The Table shows that more than 60% of the library users have been impartial and more than twenty percent of the library customers had been agreed, while least no. of the library customers were strongly dis agreed. “Multimedia, Social networking, Mobile Application, Email and Virtual Shelf” has a high-quality influence on library offerings at public sector medical colleges of KP.

Emerging Trends	SDA	Dis	Neut	Agr	SA	Total
Library Portals	00	00	301	00	00	301
OPAC	00	00	301	00	00	301
Ask Librarian	00	00	301	00	00	301
Multimedia	00	00	205	96	00	301
Social networking	00	00	193	108	00	301
Mobile Application	00	00	139	162	00	301
Email	00	00	62	181	58	301
Virtual Shelf	00	82	135	84	00	301
Video Conferencing	00	00	301	00	00	301
Online Indexing & Abstracting Service	301	00	00	00	00	301
Total	301	82	1938	631	58	3010
%age	10	2.74	64.37	20.96	1.93	100

Discussion

Efforts were made to get the responses of the desired population. It was depicted that about one third of the medical students are unaware of the modern technologies in these medical colleges of the province. Library portals, ask a librarian and OPAC are the areas which are unknown to these students. Electronic mail and social networking are the areas about which the medical students have little bit awareness. *Ocran (2017)* have reported that the students of University of Cape Coast have a positive perception about the emerging library technologies mobile-based library technologies. Shastri, D.K., Chudasma, P. (2022) reported that library professionals have a sound perception about the ICT applications in libraries. In response to a query related to the impact of merging technologies on library services of the medical colleges of KP, it was portrayed that emerging trends such as mobile applications, social networking and email have positive impact on

library services of public sector medical colleges of the territory whereas opinion of medical students about library portals, OPAC and multimedia was reported as neutral. Mittal, A. (2017) & Jan SU (2014) have also reported the same results.

Conclusion

From the analysis of the above tables, it is concluded that majority of the medical students are moderately aware of the latest trends in libraries of the public sector medical colleges of Khyber Pakhtunkhwa. Email, social networking and mobile applications were reported as the most cognizant areas of emerging technologies in the medical libraries under study. The library practitioners of the medical colleges in the territory have shown their unawareness about the virtual shelf and online indexing and abstracting services. It was reported that emerging technologies has a positive impact on library services of public sector medical colleges of the province. In order to abreast the students with latest trend in medical libraries of the province, special trainings on these tools should be provided to them.

References

- Ahsan, Muhammad. (2009). Digital divide and digitization initiatives in Pakistan: a bird's eye view. *Nuova Cultura*. p. 515 Retrieved from: <http://conferences.aepic.it/index.php/elpub2009/paper/viewfile/78/34>
- Ansari, Munira Nasreen and Bushra Adeeb Zuberi. (2010). Use of electronic resources among academics at the University of Karachi. *Library Philosophy and Practice* Retrieved from: <http://www.webpages.uidaho.edu/~mbolin/ansari-zuberi.pdf>
- Arif, Muhammad & Khalid Mahmood. (2012). The changing role of librarians in the digital world: adoption of Web 2.0 technologies in Pakistani libraries. *The electronic library*, 30(4).
- Bavakutty, M, Muhammad Salih T.K., et.al. (2006). *Research on library computerization*. New Delhi: Ess Ess publications. p.19
- Bhatti, Rubina (2010). Internet use among faculty members in the changing higher education environment at the Islamia University of Bahawalpur, Pakistan. *Library Philosophy and Practice* Available: <http://www.webpages.uidaho.edu/~mbolin/bhatti3.pdf>
- Chepesuik, R. (1997). *The future is here: America's libraries go digital*. *American Libraries*, 27(1); 47-49.
- Chinwe v. Anunobi (2008). The role of academic libraries in universal access to print and electronic resources in the developing countries. *Library Philosophy and Practice*. Available at : <http://unllib.unl.edu/LPP/anunobi-okoye.htm>
- Das, R.S. (2008). *Library automation and information technology*. New Delhi: Arise Publishers, 221-223
- Ding, Choo Ming (1996). Assessing the impact of IT on university library services in the 21st Century. *Malaysian Journal of Library and Information Science*, 1(2) , 79-87
- Gertz, Janet. (2000). *Selection for preservation in the digital age*. *Library Resources & Technical Services*. 44(2):97-104.
- Gopal, Krishan .(2003). *Impact of information technology services in libraries*. Delhi: Authors Press, 47-64
- Haider, Syed Jala-ud-Din (2007). Library management scenario & management problems in Pakistani libraries. *Library Administration & Management*. 21(4), Fall 2007. 173-176.

- Jan , Saeed ullah & Rafia A. Sheikh (2011). Automation of University Libraries: a comparative analysis of Khyber Pakhtunkhwa and Islamabad, Pakistan. *Library Philosophy and practice*, USA, July issue. Available at: <http://www.webpages.uidadho.edu/~moblin/jan-sheikh.htm>
- Jan, S. U., & Sheikh, R. A. (2014). Impact of emerging technologies on University libraries of Pakistan. *Int J Digit Libr Serv*, 4(3), 56-69.
- Jan, S., Hussain, A., Ibrahim, M., & Saeed, S. (2018). Use of internet by the teaching faculty of Peshawar Medical College, Peshawar, Khyber Pakhtunkhwa, Pakistan. *Journal of the Pakistan Medical Association*, 68(3), 459-462.
- Jaswal, Bushra Almas (2005). Impact of digital technology on library resource sharing: revisiting LABELNET in the digital age. *Pakistan Journal of Library & Information Science*, 7, 87-104
- Keralapura, M. (2009). Technology and customer expectation in academic libraries: A special reference to technical/management libraries in Karnataka. *The International Information & Library Review*, 41(3), 184-195.
- Khana, Susaina (2014). Impact of RFID on library services: A case study of A.S.Joshi Library, Punjab University, Chandigarh. *International Journal of Digital Library Services*, 4(2), 117-126.
- Mittal, A. (2017). Emerging Technologies and their Impact on the Libraries. *Indian Journal of Science and Technology*, 10(31), 1-4.
- Mulla, K, R. (2006). E-resources and services in Engineering College Libraries – a case study. *Electronic Journal of Academic and Special Librarianship*, 7(1)
- Ocran, Theophilus Kwamena(2017). Perception Of Students On Mobile Technology Based Library Services. *Library Philosophy and Practice (e-journal)*. 1802.
- Shafiq-ur-rehman, Ch. and Pervaiz Ahmad(2007) Challenges and opportunities for librarianship in Pakistan. *Pakistan Library and Information Science Journal*. 3(38),6-11. Can be retrieved from: <http://eprints.rclis.org/handle/10760/10742#.TzYxp8XuqoU>
- Shastri, D.K., Chudasma, P. (2022). The perception of ICT skills and challenges of usage of technologies among the library professionals of the Gujarat State during the COVID 19: a comprehensive study. *Qual Quant* 56, 1093–1120 <https://doi.org/10.1007/s11135-021-01167>