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UTILIZATION OF ICT IN R & D INSTITUTIONS LIBRARIES IN CHENNAI: A PILOT STUDY

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ABSTRACT

The primary objective of Research and Development Institutions (R&D) libraries is to acquire process and retrieve the information and to make available the much needed information to the research community. This study exposes the implementation and utilization of Information Communication and Technology (ICT) methods in R&D libraries in chennai, to study the level of the usage of ICT in these libraries and also the major modern techniques to be implemented so far. Almost all the libraries are connected with well established ICT Tools and several technological advancement can be updated. The main aim of this paper is to evaluate the role of ICT in research and development libraries .The results shows that ICT could play an important role in the Library System, to be used widely in the R & D libraries. Government and semi-government institutions standards can improve drastically through this ICT enabled libraries, so that the researchers can use this standard information retrieval through ICT Tools. As per the surveyed librarians, this paper suggests that more modern technology can be used in the R & D libraries which can provide more effective use to the research community.

Keywords : ICT, Research, Gender, Technology, Digital Library, Databases, E-Resources, Etc.

INTRODUCTION

The accomplishment of good innovative work in Research organizations to a great extent relies on the data assets accessible and their utilization in Libraries. The essential advancements in the zone of ICT have made imaginative changes in every aspect of data. Libraries being stores of information are no special case to this advancement. The ICT devices have these days turned into a vital innovation in R&D libraries as it assumes an exceptionally critical job in meeting data necessities of the examination networks and establishment all in all. This pilot examine has distinguished the ICT structure and execution of R&D libraries crosswise over chennai, and comparative examinations were recognized through a study of writing. Naved and Nishat (2009) take note of that scientists utilize an assortment of ICT items and administrations for their examination function as these items demonstrate extremely supportive in finding required data rapidly and effortlessly and furthermore assist the analysts with accessing, oversee, coordinate, assess, make, and impart data all the more effectively. Afolabi and Abidoye, (2011) stretch the combination of data and correspondence innovation to library tasks for viable library administrations and the requirement for the viable utilization of ICT as the best device for libraries to use in helping instructive explores and understudies in this time of data blast. Nwachukwu (2007) takes note of that (ICTs) are the utilization of PCs and different advances to the securing, association, stockpiling, recovery and dispersal of data. This examination uncovers

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the difficulties and openings among the administrators to apply present day advancements in their libraries and to give the viable data to the exploration networks.

Research Methodology

The present examination looks at the use of ICT in the R&D based organizations libraries in chennai. Chennai has 41 R&D foundations and 41 surveys were dispersed to every one of these organizations and reactions were gotten from 30 custodians working in various establishments, for example, science, horticulture, innovation, fund and financial aspects. 11 establishments did not react due to non accessibility of the curators or the library experts. This examination is a pilot investigation of the primary investigation of the Doctoral postulation, which will cover every one of the districts of Tamil Nadu. The pilot ponder is done in Chennai, which covers the vast majority of the R&D based establishments libraries.

Suggestions

The Implied Suggestions are underneath:

Most of the respondents lean toward Internet as their first source to search for the required data sources. So the Authority of the innovative work libraries should endeavor every one of the endeavors redesign the ICT framework now and again.

It is the perspective that the expert of the Libraries ought to make an Information proficiency program for the clients to teach them in getting to the electronic ICT assets.

And furthermore propose that the Librarians/responsible for the Libraries should build the quantity of online assets, for example, e-diaries and online databases in their individual libraries. Huge improvement in data and correspondence foundation is encouraging the creation and dissemination of learning. A large portion of the studied bookkeepers felt that the reserve and non-collaboration of the partners might be real challenges for the advancement of the ICT based libraries.

A portion of the Respondents say that all the administration libraries ought to be make arrangement for advanced libraries and the service should give the gesture for compulsory standard for their libraries

Conclusion

The ascent of ICT has repositioned the outskirts of Library assets, process, and administrations and in addition desires for the clients. Furthermore, the majority of the Libraries have still not actualized the Open access storehouse of their own i.e. the pattern is rapidly moving toward the creating countries.Application of ICT in libraries guarantees library benefits round the clock,remote access to high – request or limited materials for numerous simultaneous clients. More endeavors by the bookkeepers are expected to instruct clients to adequately utilize the e-Resources to their organizations.

References

1) Pandian R, Krishnamoorthy G, Kaliyperumal K. Rethinking of users studies in academic libraries in the context of paradigm shift due to ICT. Indian Journal of Science and Technology. 2009; 2(10).
2) Thanuskodi. The use of ICT in government law college libraries in Tamil Nadu: A study. Journal of Business Management and Economics. 2011; 2(5):200–8.
3) Hanan A, Samar G, Balakrishnan M. Issues and challenges of using E-learning in a Yemeni Public University. Indian Journal of Science and Technology. 2015; 8(32).
4) Patel HJ. Impact of Information and Communication Technology on Library and its services of S.U. Patel University Library. International Journal of Library and Information Studies. 2012; 2(3).
5) Mi-Hwan H, Su-Mi S, Hye-Sun K. Application of linked open data on sharing library data in Korea. Indian Journal of Science and Technology. 2015; 8(27).

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