NEED OF INFORMATION COMMUNICATION TECHNOLOGY (ICT) AT TRIBAL WELFARE RESIDENTIAL JUNIOR COLLEGE LIBRARIES IN TELANGANA STATE: A STUDY

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Abstract

Information and Communication Technology (ICT) infrastructure is an important resource of a modern library or information centre. ICT is the electronic means of capturing, processing, and storing of communication and information. It encompasses an array of hardware, software services and networking that enables access to digital information to these groups. Further the roles, responsibilities and the challenges of tribal college librarians in educating the users (Students) are felt. The main aim of this paper is to discuss the development of Information and Communication Technology and related technology skills and to explain the need of the ICT to reach the downtrodden students who are studying in Tribal Residential Junior Colleges and who lack awareness, financial support, infrastructure, and development from upcoming modern society. The present study is on Telangana Tribal Welfare Residential Educational Institution Society which has been established for imparting quality education for poor Tribal students for their all round development in Residential Education pattern through the institutions located throughout the state. There are various Educational Institutions in this Society but this paper is confine only on Telangana Tribal Welfare Residential Junior Colleges for introducing new technologies in these institutions.

KEYWORDS: ICT Skills, Information Literacy skills, E-Literacy, E- Learning, Information Literacy programmes, Tribal Welfare Residential Junior Colleges and Andhra Pradesh.

INTRODUCTION

Information Literacy (IL) is the vital process in the modern changing world which is mostly used for higher education. Information technology is taking a new shape day by day. As information is being generated in large number, information users should be enabled to interpret and make informed choice of the information sources available. Information Literacy will make the person capable of recognizing the need for information, how to locate,

evaluate and use effectively the information available throughout the world. Information literacy programs are needed in the college libraries since most of these libraries are providing tradition based services.

Information and Communication Technologies (ICT) are being increasingly used in library and information services for the dissemination of information. Libraries and information centres have been using ICT based resources and services to satisfy the diverse information needs of their users (students). However, these resources and services are basically not known and utilized in these institutions. The use of ICT has become important in any library in the present day environment. Telangana Tribal Residential Junior College libraries should provide information available through the internet in public domain in the form of subject gateways like, e – books, e – journals; social media and subject concept based web pages in the present scenario of the development of Information Communication and Technology.

AP RESIDENTIAL TRIBAL WELFARE JUNIOR COLLEGE LIBRARIES

Government has established the Andhra Pradesh Tribal Welfare Ashram and Residential Educational Institutions Society (APTWAREIS) vide G.O.Ms.No.51 SW (TW Edn-I) Dept. dt.03.06.98 to take care of enrollment and retention of tribal children and improvement in the quality of education imparted to them with headquarters at Hyderabad. The Society shall be responsible for the efficient management and running of the educational institutions entrusted to it from time to time. The society shall be managed by a Board of Governors consisting of 12 Ex officio member and 7 nominated members.

The board of Governors so constituted shall be headed by the Principal Secretary of the Social Welfare Dept. as Chairperson. An officer in the senior time scale of IAS or above shall be appointed as the Chief Executive of the Society and shall also be vested with the powers of Director of a Department for the purpose of operating the budget allocations directly. (The present study is only Telangana Tribal Residential Junior College libraries. The above information is undivided Andhra Pradesh State Society.

OBJECTIVES OF THE STUDY

- To introduce ICT infrastructure in Tribal Welfare Residential Junior College Libraries
- To assess and compare the contemporary use of ICT based resources and services in Tribal Welfare Junior College Libraries.
- To identify and analyze the specific factors that promoted or hindered the use of ICT based resources and services in Tribal Welfare Junior College Libraries.
- To assess to what extent users were satisfied with the ICT based resources and services and what factors in their use in Tribal Welfare Junior College Libraries.
- To suggest measures for improvement of the use of ICT based resources and services in Tribal Welfare Junior Colleges Libraries.

METHODOLOGY

The present study is based on the need of ICT information in Tribal Welfare Residential Junior College Libraries. This is neither a Questionnaire nor a Survey method. This is only a suggestion and implementation model which is needed in Tribal Welfare Junior College libraries to develop and modernize the libraries. Some reference appendix has given for information.

REVIEW OF LITERATURE

ICT infrastructure is as important as the older essential technological infrastructure such as electricity and transportation. The ICT has become ubiquitous and ushered into a whole new era of teaching, learning and research. Similarly, the ICT has influenced the field of library and information services. The main components of the ICT are computers, network and internet, display screen technologies and peripherals, and software and information systems.

Nyamboga and Kmeparaju (4) revealed the statue of ICT infrastructure such as availability of computers and network facilities in six Karnataka State University Libraries. They concluded that the University libraries in Karnataka that their studies were lagging behind in the application of ICT.

Walmiki, R.H. and Ramakrishnegowda, K.C. (10) revealed that ICT infrastructure in University libraries of Karnataka is still at different stages of development. Insufficient computer hardware and suitable software and lack of internet facilities with required bandwidth indicate that University Libraries of Karnataka are yet to establish extensive facilities.

BENEFITS:The students who are studying in these colleges mostly are backward; they haven't seen a computer till date. So it may be of use to them for better future in the following ways:

- Efficiency of Library operations.
- Improve quality of existing services.
- Introduce new services.
- Increase ability to share resources.
- Eliminate duplication of efforts.
- Facilitate effective utilization of funds.
- Perform tasks not possible by the manual system.
- Improve uniformity & standardization.
- Improve user satisfaction and collection management.

FUNCTION OF TIBAL WELFARE RESIDENTIAL JUNIOR COLLEGE LIBRARIES.

The College libraries of theses colleges should have the following functions to help the students for their study and improvement of ICT for further higher education.

- Provision of comprehensive source of learning materials in different formats to meet the educational and recreational needs of students and staff.
- Development of information skills.
- Organization of materials, cataloging and classification.
- Liaison with external bodies to gain information and resources and participation in net-work
- Organization of current awareness programmes for staff and students.
- Orientation of students and teachers for the use of the libraryies.
- To develop amongst students the most desired life-long reading habits
- To pay an effective role in the successful organization of various educational programmes in the college Libraries.

NEED OF ICT IN TRIBAL WELFARE RESIDENTIAL JUNIR COLLEGE LIBRARIES

The students who joining in Degree or any Professional Higher Education course the ICT made a vital role for their further study, if they can train in Intermediate level. In Intermediate level there are several website through which vast useful materials is freely available if the know these website they can easily make use of this website and to became made intelligent: Pre-intermediate Oxford University Press.

Practice English online: Free Exercise and test for intermediate level.

In all most al the Professional Colleges like Engineering, Medical, Veterinary, Agriculture and etc has existing ICT has been made available, if the ICT component introduce in Intermediate level the basic learning etc can be known to the student and they would become familiar to with the technology and its operation utilization. Now a day in most of the corporate Junior colleges the ICT to some extent is introduce both in theoretically and practically. When these students join Degree or other Professional courses they are marching ahead, where as the students who are studying at Tribal Welfare Residential Junior College Libraries are not aware of these technology, it result low Progress in the acquisition of knowledge to this community.

USE OF ICT IN TRIBAL WELFARE RESIDENTIAL JUNIOR COLLEGE LIBRARIES

Information exploration and the fast development of information communication technology forced libraries to adopt faster methods of information storage and retrieval devices. College Libraries are no exception to this change. ICT has become an integral part of all library

operations and information services. Some of the library oriented latest information and communication technology services are:

Internet: One of the most significant achievements in the information and communication technology is the Internet. It is nothing but network of networks connecting throughout the globe. The Internet provides access to vast number of resources covering many types of information. So they can see new innovations happening in the global world.

Email: E-mail is one of the important features of the Internet. Electronic mail facility of Internet will be used very conveniently for not only giving messages but also awareness of new technology.

Online Public Access Catalogue (OPAC): OPAC is the interface between the user and collection of library. It is a metadata cataloguing and displayed information available to the users for interaction by searching the library catalogues.

E-Books: E Books stand for electronic books, which refers to the electronic or digital version of printed books. It is revolutionizing the information, organization and presentation of information.

E Journals: Journals play an important role in communication of scientific information. Today we see a new form of electronic communication viz "Electronic Journals". Online version of journals is called electronic journals.

Networking: During the recent period quite a large number of libraries and information centres are forming networks. A group of libraries are coming together with some agreement of understanding to help each other with a view to satisfy the information needs of their users.

There are many emerging technologies which can be introduced in the tribal residential Colleges like CD-ROM Database, Digital Video Disk, Barcode Technology, RFID Technology, Telecommunication Technology, and User Identification Cards (ID card).

CONCLUSION

Telangana Tribal Welfare Residential Junior College Libraries are special colleges with an aim to provide the need of the talented backward Students. The emphasis is laid mainly on providing quality education suited to the present day educational scenario by creating conducive educational atmosphere, help and striving for all-round development of the students.

For fulfilling the above objectives, The Government of Telangana Tribal Welfare Residential Junior College Libraries should modernize the libraries with the application of Information and Communication Technology skills. It is more important to improve the capabilities of

libraries information services towards attaining satisfaction of users. It offers a variety of possible alternatives to deliver and coordinate learning activities. Information Communication Technology's are expected to play a central and strategic role in helping libraries achieves their targets for cost effective access for users.

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