Chapter 6

A Study on Information and Communication Technology Skills of LIS Professionals in Management Institutions of Tamil Nadu

P. L. Solaipriya
Alagappa University, India

M. Suresh
Alagappa University, India

ABSTRACT

The importance of information and communications technologies (ICTs) as powerful tools for socio-economic development is now widely acknowledged not only among large corporations but small business enterprises as well. However, for ICT to be effectively deployed as engines of economic development existing IT skills gap both in developed and developing countries must be addressed. The present study covers the library and information science (LIS) professionals of 90 management institutes of Tamil Nadu. The present study attempts to study the ICT skills of LIS professionals working in these institutes.

INTRODUCTION

ICT's stand for information and communication technologies and are defined, for the purposes of this primer, as a "diverse set of technological tools and resources used to communicate, and to create, disseminate, store, and manage information." Information and Communication Technology (ICT), often used interchangeably with Information Technology (IT), encompasses methods and techniques for automated information handling and retrieval, including computers, telecommunications, and office systems. It not only encompasses business data, conversations, still images, video, and multimedia. IT

sector will probably continue to expand into other professions and fundamentally affect the operations of library and information services. The application of ICT to library operations has made feasibility for electronic cataloguing and online reference services, along with other library operations, such as digital information, online access and file transfer, networking and sharing of information resources. ICTs have been implemented in information handling and processing because of the increased workload involved in coping with information explosion. ICT makes it possible for an individual to access information rapidly and easily across local, national, and international borders in contributing to revolutionary changes that include the academic library. Information and Communication Technology is an umbrella, which includes all technologies for the manipulation and communication of information.

ICT (information and communications technology - or technologies) is an umbrella term that includes any communication device or application, encompassing: radio, television, cellular phones, computer and network hardware and software, satellite systems and so on, as well as the various services and applications associated with them, such as videoconferencing and distance learning. ICTs are often spoken of in a particular context, such as ICTs in education, health care, or libraries. Thus ICT is the implementation of different branches of technology in information and communication processing. It is the use of science and technology for the purpose of collecting, storing, processing and transmitting information. It has become an essential support tools for the activities carried out by researches. ICT concerned with communication, manipulation of information, networking, data storage, transmission of data, audio and visual. The quality of teachers and their continuing professional education and training remain central to the achievement of quality education. ICT professional development is seen as a vehicle to enable transformative change in teachers' practice. They have produced significant transformations in industry, agriculture, medicine, business, engineering and other fields. For education to reap the dull benefits of ICTs in learning, it is essential that pre- service and in service teachers have basic ICT skills and competencies.

REVIEW OF RELATED LITERATURE

Ahmed and Rehman (2016) surveyed the level of ICT Competencies ICT competencies, and the training needs for updating these competencies among library professionals in Khyber Pakhtunkhwa, Pakistan. It also looks at the various approaches utilized by these professionals for acquiring ICT skills and problems faced by them in this regard. Descriptive survey research method has been used for conducting this study.

According to Thanuskodi (2011), students have to read books other than textbooks to improve thinking and other cognitive activities. An individual's interests are determined to a considerable extent by the amount of textual materials consumed and the intensity with which he will pursue his reading activity. By reading books, one gets confirmation or rejection of one's own ideas, which in turn increases the knowledge level of the reader. In addition, reading provides people with a sense of values, which enable them to discriminate between what is acceptable in the society and what is not.

Arokyamary,R.J.,&Ramasesh,C.P.(2013) Information Communication Technology (ICT) facilitates access to electronic information which has become invaluable and complementing traditional library services. ICTs have enabled individuals to handle information possessing effective with greater speed and accuracy regardless of the time and distance. ICTs and its tools have always been helpful in extending information services . This paper is a study of mapping the existing ICT skills and competencies of the LIS professionals working in the Engineering colleges of Karnataka. And thus comes out with

14 more pages are available in the full version of this document, which may be purchased using the "Add to Cart" button on the publisher's webpage: www.igi-global.com/chapter/a-study-on-information-and-communication-technology-skills-of-lis-professionals-in-management-institutions-of-tamil-nadu/274746

Related Content

The Role of Professional Protocols: Recruitment, Retention, and Service
Kiyomi D. Deardsand Jolie O. Graybill (2014). *Succession Planning and Implementation in Libraries: Practices and Resources (pp. 106-132).*
www.irma-international.org/chapter/the-role-of-professional-protocols/99507

Historical Development of Archiving Models to Preserve University Archives
Nkholedzeni Sidney Netshakhuma (2022). *Handbook of Research on Emerging Trends and Technologies in Librarianship (pp. 281-298).*
www.irma-international.org/chapter/historical-development-of-archiving-models-to-preserve-university-archives/295202

An Assessment of the Use of Electronic Databases by Academic Staff, Bowen University, Nigeria
Adekunle P. Adesolaand Oladipupo Ibukun Ojemola (2021). *International Journal of Library and Information Services (pp. 1-15).*
www.irma-international.org/article/an-assessment-of-the-use-of-electronic-databases-by-academic-staff-bowen-university-nigeria/279834

An Approach to Trie Based Keyword Search for Search Engines
Pranav Murali (2017). *International Journal of Library and Information Services (pp. 1-16).*
www.irma-international.org/article/an-approach-to-trie-based-keyword-search-for-search-engines/181684

Development and Practice of Research Support Services in Peking University Library
Yong Tangand Chunhong Zhang (2019). *International Journal of Library and Information Services (pp. 22-39).*
www.irma-international.org/article/development-and-practice-of-research-support-services-in-peking-university-library/228176