Abstract

**Purpose** – The main purpose of a library is to provide and promote relevant information access to the right users in right time by the Library and Information Science (LIS) professionals. Presently the world is in the information age where data information and knowledge are significantly important, interlinked and are increasing tremendously in all aspects of our society. This leads to increase the number of universal knowledge of all the subjects and disciplines. Thus the rate of increasing documents enormously in different forms and formats. At present the libraries are redesigned as the Library and Information Centers (LICs) and also as the Knowledge Resource Centers (KRCs). The spectacular changes in the Information and Communication Technology (ICT) have led considerable and sensitive effects on all types of small, medium and big Libraries and Information Science in the way of information processed, stored and retrieved. These changes have insisted on Library and Information Centers (LICs) to make use of these modern ICT inventions and employed the LIS professionals to learn these technologies for better survival and performance in the job. Trained LIS professional helps and guides the user more effectively and efficiently. The Library and Information Professional needs to handle different professional’s roles in the libraries. The gradual advancement of ICT application and influence of electronic resources in the libraries often force to upgrade the library professionals to cope with the change which leads to increase the job responsibilities. The present and the future library professionals are to be extensively dependent upon the expertise of using ICT application. The ever changing and upgraded work environment have forced the library professionals to make extensive
use and get trained with the technology side by side the traditional library services for the users.

**Design/methodology/approach:** The methodology for conducting the study consists of survey of library professionals and the science and technology institute libraries through prescribed set of questionnaires, personal interview, observation, verification of resources and literature review. Statistical methods have been applied for drawing inferences. For collection of data from a large population of LIS professionals in S & T institutes and the S & T institute libraries, separate structured questionnaires have been prepared. Search engines, Meta search engines, wikis, blogs, Library web pages, various Institutional digital repositories, digital libraries, gateway portal etc. is used extensively for searching job analysis for library professionals. Literature review helps in preparing the outcome and principles of different aspects involved in carrying out a study. Documents like books, journals, articles, online resources, dissertations, theses and seminar papers dealing with job analysis have also been consulted. The study is concentrated on the job analysis of library professionals in science and technology institute libraries in Assam. The study has also evaluated the data collected from the S & T institute libraries and working library professionals in the different S & T institute.

**Findings:** The study exposes that there are 55 different S & T institutes located at different places of Assam with the endeavour of both state and central government. It is also observed that there are only 29 (52.7%) institute having library professional in their libraries out of 55 different S & T institutes located in Assam. There is total 154
staff among the libraries including both professional and non professional staff where 62 are professional staffs and 92 are non professional staffs.

**Research limitations/ implications:** The present study area is intended to make an intensive study of the job analysis of library professionals in the science and technology (S & T) institutes in Assam. The study is also anticipated to analyse the various services offered by the libraries and the role played by the different library professionals with reference to their development policy, overall library management, user orientation and user demands and needs. This study is intended to cover the library professionals. The whole survey of the study is entirely based on the science and technology institutes only which are established with the venture of state or central govt. only. To cover the entire range of the science and technology institutes are too huge to be adequately dealt by a survey. The new institutes which are established under private agencies in Assam are not incorporated in the study. These institutes are mostly technical, research and development, engineering, academic in nature. Among them some are specialized in one area while some are multidisciplinary in nature which includes physical and applied sciences. The study covers all these institutes. It is found that among the universities of Assam, Tezpur University has the mandate of imparting S & T education. The university is conducting both bachelor and master degree programme in the field of S & T education. In addition to other S & T institutes as mentioned, Tezpur University is also included for the present study.

**Originality /value:** The outcome of the study is an original research work with science and technology institutes in Assam. The study has provided the useful empirical data
on the job analysis of S & T institutes in Assam. It highlights the various duties executed by the library professionals’ of science and technology institutes of Assam

**Keywords:** Job analysis, job analysis of library professionals, job description, job position, science and technology institute, Assam.

**Research Type:** Descriptive, Evaluative, Survey Based.