

## Library Technologies for Teaching Learning and Research

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As the internet and web technologies are gaining momentum in terms of knowledge generation, organization and dissemination with most convenient and economic form, it is imperative for libraries to elope with tech savvy users to make use of range of technologies towards information management. As emphasized by Dr. S. R. Ranganathan “Right Information at Right Time in Right Personnel way”, the present day libraries need not only to disseminate information but also enable the end users towards knowledge analytics. The present study aimed at identifying and assessing the appropriate library technologies that are useful and practice among the libraries of national and international repute towards knowledge sharing and dissemination. The technologies such as Reference Management systems, Research Profile management tools, Library Web designing, Web Casting and Pod Casting tools, the multimedia, the e-learning tools, Content Management System (CMS), Learning Management System (LMS), the web and mobile apps can be leveraged with library technology towards provision of more customized, personalized knowledge dissemination through online and remote. The paper also describes how this Z generation tools enable the libraries to attract and satisfy both digital users. The paper also analyze the role of library classics, the knowledge organization principles towards integrating mobile technologies to perceive high quality information and knowledge inputs. A good number of libraries have been adopted some of these library 2.0 and library 3.0 tools and techniques but there is a gap prevailed between technology poor and technology rich libraries. By evolving a common and open access technology enabled library practices would solve the problem and strive the libraries to reach the unreached.

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