PREFACE

Information communication technology has transformed the institutions or organizations. Libraries are also utilizing modern technology for improvement of existing library services and creation of new services which shows the impact on the shape and size of the existing libraries and proving the existence in the organizations. Information and Communication Technology (ICT) has also changed the trends of libraries and brought extraordinary transformation in academic library and information services, such as bibliographic services, inter-library loan, OPAC, reference services, current awareness services, document delivery and audio visual services etc. These can be provided more proficiently by using ICT, as they offer expedient time, place, cost effectiveness and up-to-date spreading of information to the users which facilitate the end users involvement in the library and information services.

The first chapter discusses about the background of the study, concept of information communication technology and their applications in the libraries. It also introduces about the Indian Institutes of Technology in India, emerging technologies etc. In the last, this chapter also states the objectives, hypotheses, scope, limitations, significance and research methodology of the study. Nature of collected data as well as statistical techniques were used within this chapter.

The second chapter, review of literature discusses recent studies on information communication technologies in library and services in different institutions of national and international level. It encompasses such as general studies on ICT, studies on ICT infrastructure, e-resources, library automation, web 2.0, software, internet, RFID, web OPAC, cloud computing, mobile devices and current trends in ICT applications.
Third chapter describes current trends in information communication technology applications in libraries. This chapter also discusses the use of ICT in library automation, library services, library collection, information retrieval, library security, promotional activities, library management and library networking.

Fourth chapter presents the brief introduction of Indian Institutes of Technology along with profile of their central libraries.

Fifth chapter presents the tabulation, statistical analysis, interpretation and graphical representation of the collected data from libraries.

Sixth chapter presents the findings, conclusion and suggestions of the study and concluded with suggestions in future to improve the information communication technology applications in the libraries.