CHAPTER 25

LIBRARY AND INFORMATION SCIENCE

Doctoral Theses

200.   CHRISTINA (Doibila)
       **Plan Proposal for the Establishment of Network of Libraries
       in North-East India**
       Supervisors : Dr. Shailendra Kumar
       Th 14256

Abstract

Studies the present information technological scenario of
libraries and information centres in the region. Makes a
survey of information requirement of the users concerning all
groups including researchers, planners, administrators,
students, teachers, etc. Studies the overall aspects of library
activities, their resources, facilities and services provided to
the users of the proposed region. Ascertains the feasibility of
resource sharing and networking by identifying the potential
areas where resource sharing can be resorted to with
advantages. Develops a functional model of library and
information network in north-east India by studying the
existing network of libraries in India.

Contents

1. Introduction. 2. Review of Related Literature. 3. Study of
Library Network Centres in India. 4. Study of Institutional
Libraries. 5. User Study. 6. Major Findings and
Recommendations. 7. North-Eastern Atlas: A Destination for
Library Network. 8. North-East Library Network: A Proposed
Model. 9. Bibliography and Appendices.

201.   HASHEMZADEH (Mohammad Javed)
       **Impact of Informatics on Information Storage and Retrieval
       in Libraries and Information Centers: A Scientometric Study
       of Periodical Literature Since 1981**
       Supervisor: Dr. Shailendra Kumar and Dr. S R Gupta
       Th 14254

Abstract

Analyzes the literature of computerized information storage and retrieval published in periodical printed media in the area of library and information science from 1981 to 2000 through scientometric measurements and laws by applying the different techniques of scientometrics such as application of Bradford's Law to determine the core journals in this area and to find out the Bradfordian zones for all journals publishing articles in this area, to assess a Bradford multiplier in term of journal accumulation, and to compare the observed, estimated, expected and calculated data in the cumulative number of articles according to Brooks formula and linear regression analysis as well as polynomial regression analysis. Growth of computerized information storage and retrieval has been traced in journals from the viewpoints of literature both journal-wise and article-wise. Highly productive journals have been identified and some features of them such as publication sources, geographical distribution, etc. have been analyzed. The application of Lotk's Law was traced both for first authors and all authors to determine authors productivity. Collaborative pattern of authorship, highly productive authors and their pattern of contribution were also determined. Growth of number of authors in computerized information storage and retrieval area, active and passive authors in term of subsequent years were also identified. Zipf's Law was applied to determine rank-frequency of occurrences of keywords, as well as kywords with high frequency were determined. To undertake scientometric analysis, a machine-readable database on computerized information storage and retrieval was created out of the journals studied over the specific period to time.

Contents

1. Introduction. 2. Basics of Metric Studies. 3. Basics of Information Storage and Retrieval. 4. Impact of Informatics on Information Storage and Retrieval. 5.Growth of Informatics in Information Storage and Retrieval. 6. Authorship Pattern. 7. Content Analysis. 8. Findings, Observations and Suggestions. 9. Bibliograhpy and Appendices

202. THAKUR (Ranjeet Singh)
Study of Telecast Media Libraries in India
Supervisor: Dr. Shailendra Kumar
Th 14255

Abstract

Finds out the growth pattern and general background of telecast media companies vis-a-vis libraries nature of telecast media libraries in terms of their collection, maintenance, facilities, operations, systems and services rendered by these libraries information behaviour and status of the user of television media libraries relationship between LIS education and TV media libraries willingness for library resource sharing techniques, technologies, systems and equipments being used by libraries which otherwise are not generally used by traditional book libraries state and status of television media library personnel; and problems and suggestions by the librarians and the users.

Contents

1. Introduction. 2. Review of Literature. 3. History of Television in India. 4. Analysis and Interpretation Data-Part I. 5. Analysis and Interpretation of Data-Part II. 6. Major Findings, Observations and Suggestions. Bibliography, Webliography and Appendices.

M.Phil Dissertations

203. CHAUDHARY (Pradeep Kumar)
Library and Information Science Education in Delhi : A Study.
Supervisor : Dr. Shailendra Kumar.

204. RAJ KUMAR
A Comparative Study of the Role of Thapar Institute of Engineering and Technology (Patiala) Library and National Institute of Technology (Kurukshetra) Library in Research and Development Activities.
Supervisor : Dr. R K Bhatt

205. REKHA RANI
Consultancy Services to Library Management in Higher Education Institutions of Noida, Greater Noida and Delhi.
Supervisor : Dr. S R Gupta

206. SUSHMA RANI
Information Seeking Behaviour of PG Students, Research Scholars and Faculty Members in FMS, University of Delhi, Delhi and IMSAR, MD University, Rohtak : A Comparative Study.
Supervisor : Dr. S P Singh