Library and Information Science
Philosophy and Technology

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Philosophy and Technology

A Festschrift Volume in Honour of
Prof. Shyama Rajaram

Edited by

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Shanti Prakashan

AHMEDABAD, DELHI, ROHTAK

Library and Information Science : Philosophy and Technology

Edited by : Dr Sanghamitra Pradhan, Dr Bhakti Gala, Dr Pawan Agrawal

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© : EDITORS 2019

ISBN : 978-93-88744-12-6

PUBLISHED BY

SHANTI PRAKASHAN
D-19/220, Nandanvan Appartment, (Nr. Bhavsar Hostel), Nava Vadaj,
AHMEDABAD - 380 013. (Gujarat)

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PRINTED BY :

APEX PRINTERS
Sakkarpur, **DELHI**.

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Editorial

The discipline of library and information science in the present era has touched a new height due to adoption of information and communication technologies. More books are available as e-books, catalogue cards have long ago been replaced by computerised and online catalogues, AACR II is being replaced by RDA, reading rooms are taking shape of virtual study rooms, circulation counters are becoming automatic counters with RFID technology, and users are more willing to access the information through their mobile phone rather than going to the library personally. However, notwithstanding the above mentioned developments, the philosophy of library and information science still forms the fundamental basis of all technological development. No technology can be developed or adopted keeping aside the idea and philosophy of library and information science.

Professor Shyama Rajaram is a rare combination of a professional who strongly supports the amalgamation of information technology in providing various library services and has always advocated the philosophy of the subject to keep the objectives intact while selecting any technology to serve the users.

The title of this festschrift *"Library and information science: philosophy and technology"* is an attempt to give justice to the professional belief of Professor Shyama Rajaram. This theme allows each library and information professional to share his/her ideas be it based on theory of library and information science or on the use of technology by library and information professionals to provide the right information to the right user at the right time. Technology has eased out the dissemination of information to the users while the theory and philosophy of library and

information science aids the library professional's decision in the selection of the best tool to provide the desired information to the user without wasting his/her time.

We received papers on various themes such as bibliometric study, value of libraries in view of great leaders, technology assisted teaching-learning of library practices, role of libraries in achieving great projects of Government of India, blogs, blogging, and guidance for API etc. The papers selected for the publication comes as a result of a strict scrutiny of more than 40 papers submitted with the objective to keep the quality of the festschrift higher.

The contributors of papers on various sub themes of this volume are experienced and knowledgeable professionals in their respective fields such as LIS teachers, librarians from academic, public and special institutes and researcher scholars. These papers present a variety of experiences in teaching-learning and research dimensions in *Library and information science: philosophy and technology.*

The book is divided into three parts. Part I presents the profile of and memoir to Prof. Shyama Rajaram, Part II covers papers on the theme theory and philosophy of libraries and Part III is consisting of papers on ICT applications in libraries.

We are hopeful that this book will be able to generate interest among the readers in the theory if they are more biased towards the technology and will motivate them to adopt the technology influenced by the philosophy and move towards modern resources to provide library services to their patrons.

Dr. Sanghamitra Pradhan

Dr. Bhakti Gala

Dr. Pawan Agrawal

Acknowledgement

This is a moment of high honour for us to complete and publish this Festschrift Volume in honour of Professor Shyama Rajaram, former head, Department of Library and Information Science, The Faculty of Arts, Maharaja Sayajirao University of Baroda, Vadodara. This is the time to acknowledge the support of various people who put their efforts to make this dream come true.

First of all, we would like to offer our greetings and thanks to Professor Shyama Rajaram, who accorded our offer to bring out this festschrift volume. Without her consent this could not have been realised. We are also thankful to her for keeping her faith with us. We are also grateful to all alumni of the Department of Library and Information Science who supported this festschrift either by submitting their papers or by motivating us.

We would also like to express our gratitude towards the members of executive and advisory committee- Dr. Nishtha Anilkumar, Dr. Rashmi Kumbar, Dr. Kokila Tank, Dr. Arvind Sharma, Dr. Shishir Mandaliya, Mr. Nishat Kazi, Mr. Ketan Joshi, Dr. K N Mobarasa who have worked tirelessly to complete this festschrift either by reviewing the manuscript and assisting with the editorial works of this festschrift and providing their valuable inputs to make this festschrift a reality. We had received about more than 40 papers, however only half of those were selected by the reviewers after a strong scrutiny of the papers.

We are also thankful to all authors of the papers published in the festschrift who penned down their papers for this work. We also express our regrets to the authors whose papers could not be accommodated in this festschrift due to various limitations.

We appreciate the contribution of the proof readers who proofed all chapters to make the language of the paper flawless. We also express our gratitude to the publisher Shanti Prakashan who has made a pain staking effort to publish this festschrift.

As a final point, we would like to congratulate and thank all contributors, who have contributed their papers, all reviewers who took pain to critically review the papers and all individuals who are directly or indirectly involved in the making of this festschrift.

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ACCESSING AND ORGANIZING ELECTRONIC JOURNALS IN ACADEMIC LIBRARIES

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Abstract

Information and communication technology (ICT) has transformed library services delivery. ICT has positively impacted on information products, format and packaging. Consequently, library materials which hitherto were only available in print format are now accessible electronically. One important information resource found in libraries is the journal. With the evolution of ICT, journals are now available in electronic format. This chapter examines the concept of electronic journals (also called e-journals) and the important role they play in teaching

and research. It discusses the role of academic libraries in the acquisition and organization of e-journals.

Key words: Academic Libraries, electronic journals, e-journals, teaching, research

1. Introduction

Faculties in Universities and other institutions of learning are saddled with the responsibilities of teaching and research. Teaching has to do with impacting predetermined knowledge into students (both undergraduates and postgraduates) with the aim of achieving educational objectives. On the other hand, research has to do with identifying and studying societal or research problems, with the sole aim of proffering solutions and adding to existing knowledge.

In the academia, teaching and research are intertwined with complementary correlations, where the knowledge derivable from the latter defines the quality and efficacy of the former. By default, research outcomes are disseminated through reputable journals prior to further extractions and distillations into other teaching and learning resources such as reports, textbooks, handbooks and their corresponding electronic versions. The information and knowledge communicated through these sources are often superseded faster than expected due to the unending efforts aimed at extending the frontiers of knowledge in all human endeavors. This factor impels further scientific enquiries with results ploughed back into the process for onward transmission using the same medium. Electronic journals (also called e-journals) are thus justified as vehicles for producing and communicating scholarly discourse in the knowledge economy in an era driven by technological innovations. The findings of Malemia (2014) positively support this position where research and teaching scholars affirmed the following as features of e-journals:

- Speed and ease of access
- Currency and recency of research materials
- Enhances research efforts
- Helps in the preparation of classes and improves teaching