CRITERION: 3.3- Research Publication and Awards

METRIC : 3.3.2.Number of Books, Chapters& Papers published

YEAR : 2018-2019

| S. No. | Name of the teacher | Title of the book/chapters published | Title of the paper | Title of the proceedings of the conference | Name of the conference | National / International | Year of publication | ISBN number of the proceeding | Affiliating Institute at the time of publication | Name of the publisher |
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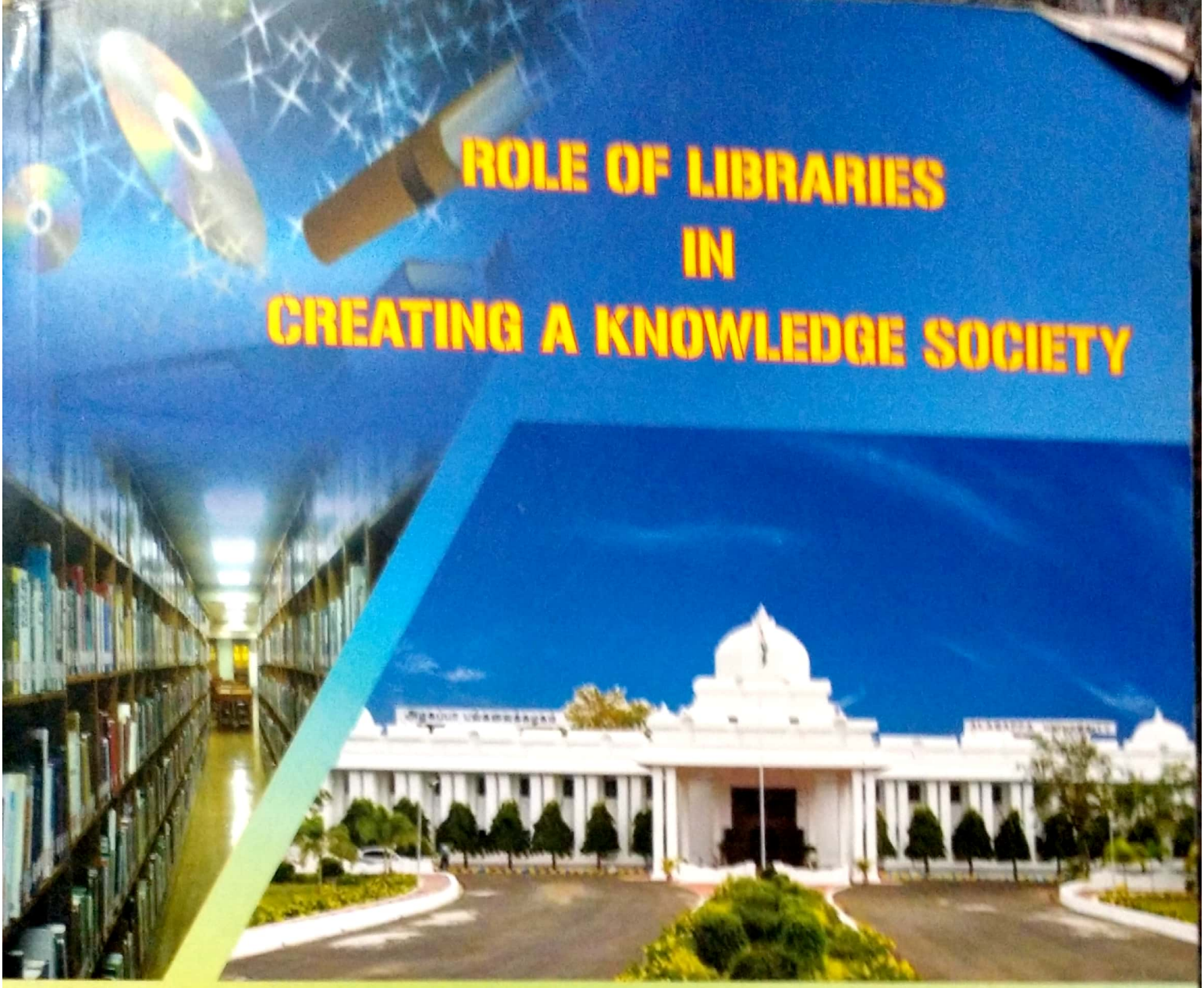


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2. Technologies Used in Academic Libraries
*Balachandar, P. & Dr. R. Ramesh* 287

3. LinkedIn: A Social Network Services in Library and Information Science
*Krishnan, P. & Dr. C. Baskaran* 290

4. Linking and Linking Tools for Access, Retrieval and Archiving Digital Collection
*Lakshminarasimhappa, MC. & T.D. Kemparaju* 294

5. Use of Federated Search in Libraries for Effective Information Retrieval: An Overview
*Lavanya, A.* 298

6. Implementation of Library Automation in Butterfly Kids Library using Koha
*Malarvizhi, K.V.R. & M. Janani* 302

7. Use of Information Communication Technology Development for Issues and Challenges
*Murugan, M.* 305

8. An analysis of mobile learning and attitude towards mobile usage of Angel College of Engineering and Technology students of Tirupur
*Murugesan, N., Dr. & Dr. A.P. Shanmugam* 308

9. Design and Development of Library Website using zohosites.com and awesome-table.com at Sri Raaja Raajan College of Engineering and Technology: A Case Study
*Nagaiah, M. & Dr. R. Jeyshankar* 313

10. Try Your Hands on 'Hoopla': A Netflix Service for the Digital Patrons of Your Library
*Padma, P., Dr., & Dr. K. Ramasamy* 315

11. Salient Features of Citeulike: A Social Bookmarking Tool
*Prakash, M. & J. Arumugam* 319

12. Role of Social Media in Promotion of Library and Information Services in Digital Era
*Pramanathan, U., Dr. & Dr. G. Stephen* 322


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# Try Your Hands on 'Hoopla': A Netflix Service for the Digital Patrons of Your Library

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**Abstract**

*Libraries and information centres have been transforming tremendously to meet the ever-changing information needs of diverse digital native patrons. The resources, when become inadequate to satisfy the users, have to be outsourced. When the outside resources are made available free of cost, these resources may be channelized through libraries as a well conceived library service. One such novel library service gaining popular in USA and Canada is hoopla – a free video lending service. This article explores the origin and characteristic features of hoopla answering the frequently asked questions with regard to membership, number of items to borrow, period of use, renewal or return, required amenities to avail the service etc.*

**Keywords:** Hoopla, video lending service, audio lending service, library service, digital libraries

## Introduction

'Hoopla digital' partners with libraries across the United States and Canada to provide online and mobile access to eBooks, audiobooks, comics, music, movies, and TV. With hoopla and a valid library card, patrons can borrow, instantly stream, and download dynamic content via hoopla's mobile app or www.hoopladigital.com. Simple to access and use, with no waiting and no hassles, hoopla digital is a service of Midwest Tape – a trusted partner of public libraries for over 25 years. Hoopla is a digital media service that allows you to borrow free videos, music and audio-books from home or anywhere you have an internet connection. Thousands of movies, television shows, audio-books and music albums are available to borrow and instantly stream on a tablet, smart-phone or computer.

## Characteristics Features

- There are no ads or commercials while enjoying content on hoopla.
- Currently there are over 8,000 movies and TV shows, 10,000 audio-books and 115,000 music albums to choose from. New content is added on a weekly basis.
- Hoopla is constantly getting new titles from various vendors on a weekly basis. Sometimes titles will be added for a limited time, so if you see something you like, check it out!
- User's account information as well as borrowing history is private. No one can see what titles you have borrowed but you.
- Titles available on your desktop are also available on your hoopla mobile app.
- Hoopla digital can be found on Facebook, Twitter, Instagram, Pinterest and YouTube. We can connect with Hoopla on these channels to be in the loop on content additions and new hoopla Partner Library announcements.
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**Dr. S. Thanuskodi** is currently working as Professor and Head, Department of Library and Information Science, Alagappa University. He has 23 years of rich professional experience in the field of Library and Information Science. He started his career as a Librarian at the Central Law College, Salem. After that he served as Assistant Professor at Annamalai University for 5 years. His areas of interest include Information and Communication Technology (ICT), User Studies, Bibliometrics, Webometrics, Research Methodology and Digital Libraries. He has written 18 Chapters for the textbooks on Library and Information Science and he has published 92 research papers in the national and international journals. He has scored 776 citations, h-index 16 and i10-index 22. He has guided 8 Ph.D. Scholars and 24 M.Phil. Scholars in their research endeavours. He is a Life Member in professional bodies such as IIPA, ILA, IASLIC, IATLIS, SIS, MALA and SALIS. He completed two major Research Projects funded by ICSSR and UGC. He has also obtained UGC Research Award for the period 2016-18. Prof. S. Thanuskodi has got Alagappa Excellence Award for Research during 2016-17 for his excellent contribution in research. He has got an Outstanding Research Faculty for the academic year 2017-18 by Careers 360.

**Dr. R. Jeyshankar** is presently working as Assistant Professor in the Department of Library and Information Science, Alagappa University. He has passed UGC-NET twice. He has 20 years of rich professional experience in the field of LIS. He started his career as a Librarian at the S.R.M Arts and Science College, Chennai. His areas of specialization include Webometrics, Scientometrics, User Studies, Digital Libraries and ICT. He was selected for UGC Research Award (2012-2014) and received Best Paper Award for National and International Conferences. Dr. R. Jeyshankar has got Alagappa Excellence Award for Research during 2016-17 for his excellent contribution in research. He has scored 259 citations, h-index 7 and i10-index 6. He is a life member of professional bodies such as ILA, IATLIS, ISCA, TLA, SALIS & ALA. He has written 15 chapters in the textbooks of Library and Information Science and published more than 65 articles in the National & International journals and also presented and published more than 60 papers in National and International conferences. He has guided 10 Ph.D scholars, 40 M.Phil students and he has been guiding 8 Ph.D. research scholars at present. He has both written and edited a book. He has successfully completed two major Research Projects funded by ICSSR and UGC. He is a member of Board of Studies in Manonmaniam Sundaranar University and Bharathidasan University.

**Dr. L. Radha** has working as a librarian at Thiagarajar college of Engineering. She has more than 9 years of experience in academic libraries and 3.5 years of experience corporate (MNC) library. She has completed UGC-NET in the year of 2011. She holds sig sigma Green belt certificate. She received 4 awards from previous employer for his best service. She is a member of MALA, SALIS, EKTHA and YWCA. She is currently serving as a chairperson of SALIS Madurai chapter. She has attended more than 40 programs (seminars, workshop, and conference) all over the India and presented 8 papers in International and National conferences. She has published 7 articles in National and International Journals with good citation. She has delivered lectures in various national and state level seminars. She is also an editor for 2 journals and published 3 chapters in edited library science books. She was an associate editor for a one conference volume and an editor of three conference volume of SALIS. She has organized one International seminar jointly with NITTR at 2014 and one National conference at 2018 jointly with SALIS. Her area of interest is RFID implementation and IOT in academic libraries.

Dr. T. Raja has completed BLIS, MLIS from Annamalai University, M.Phil from Alagappa University and Ph.D from Bharathiar University. He has also cleared the SET from Bharathiar University. He has published 5 articles in reputed journals and 25 papers in the conference proceedings. He has attended 61 national and international conferences, seminars and workshops. He has also served as a resource person in the public library training programmes and handled the classes for the B.Ed Students of at St. Xavier's College of Education (Autonomous) where he is working at present and Tamil Nadu Open University. He has been conducting NET examination coaching programmes for the last 5 years and so far 112 LIS professionals have benefited and among them, three of them cleared the NET examination. He served as a Member of Editorial Board in SALIS National Journal of Information Management and Technology and International Journal of Information Technology and Library Science (IJITLS). He was acted as a Co-Research supervisor for Scholars in LIS at Annamalai University. He was acted as a doctoral member for the PhD Scholar in LIS at Bishop Heber College (Autonomous), Tiruchi and also acted as a observer of the Pre-PhD Viva-Voice for the Scholar of LIS at M.S.University, Tirunelveli. He was received the AUTOLIB Tamil Nadu best young librarian award from the year 2013, Best Librarian for the Year 2016 received from TEAM Trust, Tirunelveli and also received best paper award in the SALIS National Annual Conference on 2011. He was recently participated and presented the research paper in international symposium at Eastern University, Sri Lanka.

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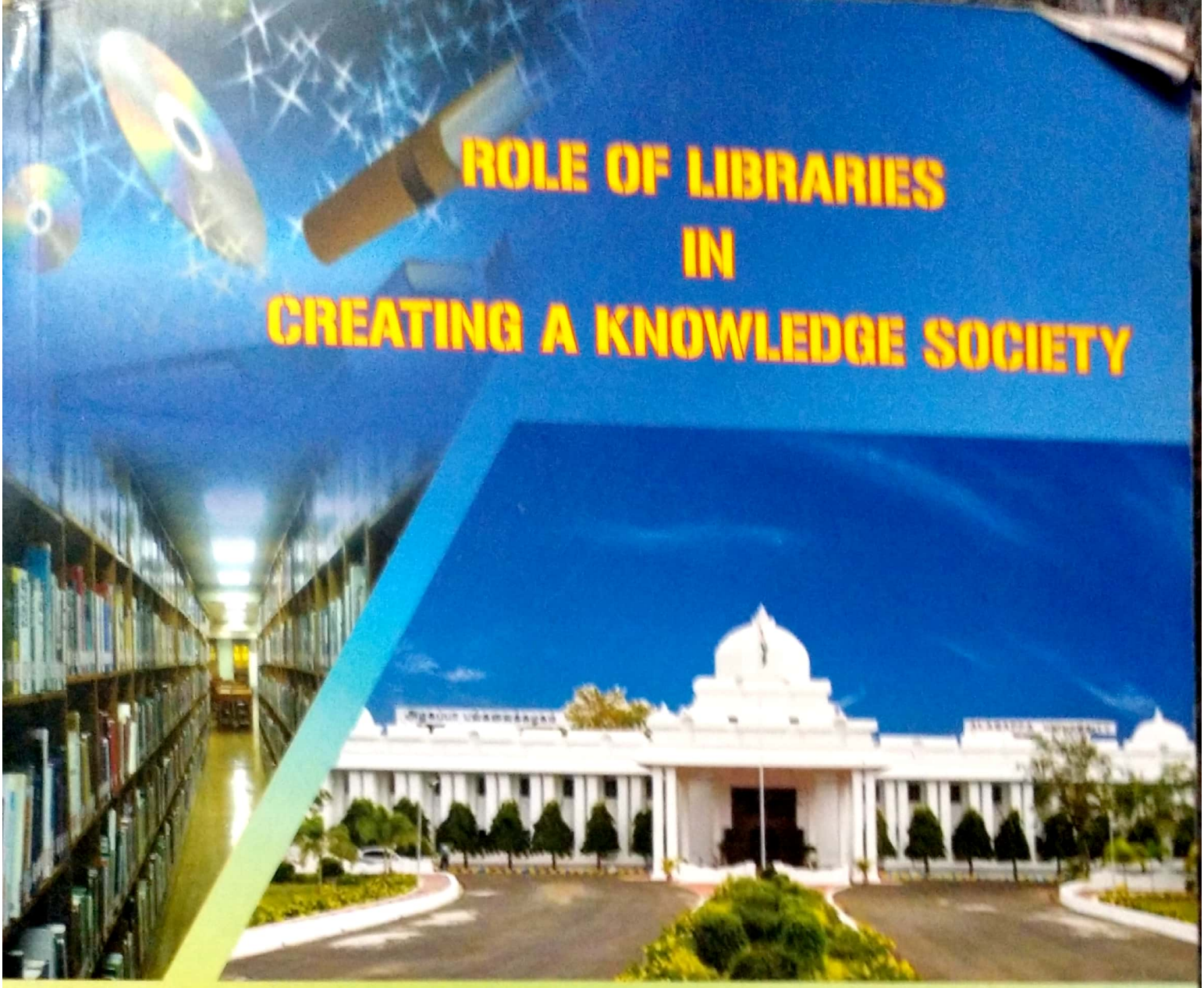
# ROLE OF LIBRARIES IN CREATING A KNOWLEDGE SOCIETY




**Editors**

**Dr. S. Thanuskodi**
**Dr. R. Jeyshankar**
**Dr. L. Radha**
**Dr. T. Raja**

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Society for the Advancement of Library and Information Science

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**Society for the Advancement of Library and Information Science (SALIS)**
**Chennai**

**2018**

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**Role of Libraries in Creating a Knowledge Society**

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13. Library Services through Social Network: An Overview
*Raja, M.* 326

14. Knowledge Sharing in Libraries through Social Networking
*Rajaram, K.* 329

15. Makerspaces in Libraries: The New Infrastructural Service Platform for the Creative, Productive, Working and Innovative Library Patrons
*Ramasamy, K., Dr. & Dr. P. Padma* 332

16. A Study on Use and Impact of Social Media by Students of Higher Educational Institutions in Madurai City, Tamilnadu
*Ramkumar, G. & Dr. P. Padma* 337

17. Knowledge Sharing Through Mobile Applications Among Women Students in Rani Anna Government College for Women, Tirunelveli – A Study
*Ravi Kumar Kennedy, I., Dr., & Dr. T. Raja* 342

18. Dire need of Digital Public Space
*Shyni, P., Rajeswari, S., Dr., & Dr. K. Shivarama Rao* 347

19. Open Source Software and Their Impact on Libraries
*Sindhuja, D.* 349

20. Big Data in Libraries: An Overview
*Smitha C Elayadom & Dr. A. Thirunavukkrasu* 352

21. Usage of Electronic Resources by Students of Engineering College in Annamalai University
*Soniya, R., & Kavitha, S., Dr., & T. Elakkiya* 356

22. Design and Development of an Institutional Repository using DSPACE at Navarasam Arts and Science College for Women:A Case Study
*Subha, S. & Dr. N. Valarmathi* 359

23. Application of Mobile Technology in Library Stock Verification: A Case Study
*Suresh, N. & N. Nageswari* 365

24. Role of Libraries Redefining from Physical to Digital Based Services
*Tamizhchelvan, M., Dr.* 368


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# Makerspaces in Libraries: The New Infrastructural Service Platform for the Creative, Productive, Working and Innovative Library Patrons

[1]Dr.K. Ramasamy and [2]Dr.P. Padma

[1]*Librarian, M V Muthiah Government Arts College for Women, Dindigul.*

[2]*Assistant Professor, DLIS, Madurai Kamaraj University.*

**Abstract**

*The kind of infrastructure the libraries possess, the variety of resources they hold, the numerous services they render have changed drastically in the light of technological interventions. The purpose of libraries is to bring the users into the library premises. The forces of attraction employed by the libraries vary from place to place, situation to situation and location to location. Makerspaces is a new concept getting popular in western countries. Many public libraries and a few academic libraries have started this service off late. This article explores the meaning and definition of library makerspace, its origin and purpose, live examples, facilities, sources and technologies / facilities made available there.*

**Keywords :** Makerspaces, learning space, technology sharing, knowledge sharing, online forms of making and funding sources

## Introduction: What are makerspaces?

A makerspace is a physical location where people gather to co-create, share resources and knowledge, work on projects, network, and build. They help intermediate and advanced users develop their skills and creativity, particularly inspiring younger generations to engage with the STEM agenda - Science, Technology, Engineering and Mathematics (or STEAM as it is also sometimes becoming referred to, by also including the Arts). Their activity promotes development of high-end technology skills needed for prosperity and social mobility. Makerspaces in libraries featured strongly in the UK Digital Strategy in recognition of their value and impact.

## Library Makerspace

A library makerspace is an area and/or service that offers library patrons an opportunity to create intellectual and physical materials using resources such as computers, 3-D printers, audio and video capture and editing tools, and traditional arts and crafts supplies. In the field of library science, makerspaces are classified as a type of library service offered by librarians to patrons.

In a library makerspace or maker program, patrons of varying ages can work together alone, or with library staff on creative projects. These spaces often give community members access to tools, technology, and social connections that may not be easily accessible otherwise. The goal of a makerspace is to allow patrons to learn through direct experimentation and play each other. Library makerspaces do not require specified areas; a pre-existing space can be temporarily modified to better suit the needs of participants. Beginning around 2006, the "maker movement" grew out of DIY culture. Libraries took notice and began offering programs and redesigning spaces to address related interests within their communities. The first public library with a maker space was the Fayetteville Free Library.



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**Dr. S. Thanuskodi** is currently working as Professor and Head, Department of Library and Information Science, Alagappa University. He has 23 years of rich professional experience in the field of Library and Information Science. He started his career as a Librarian at the Central Law College, Salem. After that he served as Assistant Professor at Annamalai University for 5 years. His areas of interest include Information and Communication Technology (ICT), User Studies, Bibliometrics, Webometrics, Research Methodology and Digital Libraries. He has written 18 Chapters for the textbooks on Library and Information Science and he has published 92 research papers in the national and international journals. He has scored 776 citations, h-index 16 and i10-index 22. He has guided 8 Ph.D. Scholars and 24 M.Phil. Scholars in their research endeavours. He is a Life Member in professional bodies such as IIPA, ILA, IASLIC, IATLIS, SIS, MALA and SALIS. He completed two major Research Projects funded by ICSSR and UGC. He has also obtained UGC Research Award for the period 2016-18. Prof. S. Thanuskodi has got Alagappa Excellence Award for Research during 2016-17 for his excellent contribution in research. He has got an Outstanding Research Faculty for the academic year 2017-18 by Careers 360.

**Dr. R. Jeyshankar** is presently working as Assistant Professor in the Department of Library and Information Science, Alagappa University. He has passed UGC-NET twice. He has 20 years of rich professional experience in the field of LIS. He started his career as a Librarian at the S.R.M Arts and Science College, Chennai. His areas of specialization include Webometrics, Scientometrics, User Studies, Digital Libraries and ICT. He was selected for UGC Research Award (2012-2014) and received Best Paper Award for National and International Conferences. Dr. R. Jeyshankar has got Alagappa Excellence Award for Research during 2016-17 for his excellent contribution in research. He has scored 259 citations, h-index 7 and i10-index 6. He is a life member of professional bodies such as ILA, IATLIS, ISCA, TLA, SALIS & ALA. He has written 15 chapters in the textbooks of Library and Information Science and published more than 65 articles in the National & International journals and also presented and published more than 60 papers in National and International conferences. He has guided 10 Ph.D scholars, 40 M.Phil students and he has been guiding 8 Ph.D. research scholars at present. He has both written and edited a book. He has successfully completed two major Research Projects funded by ICSSR and UGC. He is a member of Board of Studies in Manonmaniam Sundaranar University and Bharathidasan University.

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Dr. T. Raja has completed BLIS, MLIS from Annamalai University, M.Phil from Alagappa University and Ph.D from Bharathiar University. He has also cleared the SET from Bharathiar University. He has published 5 articles in reputed journals and 25 papers in the conference proceedings. He has attended 61 national and international conferences, seminars and workshops. He has also served as a resource person in the public library training programmes and handled the classes for the B.Ed Students of at St. Xavier's College of Education (Autonomous) where he is working at present and Tamil Nadu Open University. He has been conducting NET examination coaching programmes for the last 5 years and so far 112 LIS professionals have benefited and among them, three of them cleared the NET examination. He served as a Member of Editorial Board in SALIS National Journal of Information Management and Technology and International Journal of Information Technology and Library Science (IJITLS). He was acted as a Co-Research supervisor for Scholars in LIS at Annamalai University. He was acted as a doctoral member for the PhD Scholar in LIS at Bishop Heber College (Autonomous), Tiruchi and also acted as a observer of the Pre-PhD Viva-Voice for the Scholar of LIS at M.S.University, Tirunelveli. He was received the AUTOLIB Tamil Nadu best young librarian award from the year 2013, Best Librarian for the Year 2016 received from TEAM Trust, Tirunelveli and also received best paper award in the SALIS National Annual Conference on 2011. He was recently participated and presented the research paper in international symposium at Eastern University, Sri Lanka.

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# Citation, References & Plagiarism: Role of Libraries

Editor
Dr. Mange Ram

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# CONTENTS


1. Implications of Plagiarism and Prevention 1
   - ***Dr Munusamy Natarajan***
2. Plagiarism Detection Software : A Boon or Hindrance 26
   - ***Dr Mohini T. Bherwani***
3. Plagiarism: Open Access Initiative 47
   - ***Dr. Pardeep Rai & Ms. Rajni Bhanot***
4. Research Misconduct and Plagiarism 54
   - ***Anil Kumar Jharotia***
5. A Brief Review on Self Plagiarism 62
   - ***Anita Chandwani***
6. The Concept of Plagiarism, Self-Plagiarism and Plagiarism Detecting Software 68
   - ***Gaurav Agrawal***
7. Plagiarism Tools: Ways For Prevention of Plagiarism 76
   - ***O. Sivasankar Prasad***
8. Plagiarism And Quality Of Higher Education In India 93
   - ***Rajesh Kumar Pandey***
9. The New Role of Library and Information Centers in Avoiding Plagiarism 99
   - ***Dr. Brundaban Nahak***
10. Awareness Regarding Plagiarism and Copyright Infringement in Academia 127
    - ***Dr. Ramveer Sagar And Renu Bala***
11. Plagiarism Tools: Types, Advantages And Disadvantages 135
    - ***Dr. Dinesh Kumar***
12. Free Reference Management Software for Collecting Storing, Organizing, Citing and Preserving Your References: The Magic of Z.O.T.E.R.O 144
    - ***Ramasamy, K (Dr.)***


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12

# FREE REFERENCE MANAGEMENT SOFTWARE FOR COLLECTING STORING, ORGANIZING, CITING AND PRESERVING YOUR REFERENCES: THE MAGIC OF Z.O.T.E.R.O

*Ramasamy, K (Dr.)*

**ABSTRACT**

*Though collecting reviews of related literature is an important step in any kind of research work, citing them properly both in-text and list them as references / bibliography is a very important step. Accepting the ideas of others and acknowledging them in the proper way is the most needed research ethic of the day when plenty of resources are available for us in variety of formats. A lot of style manuals have emerged to help the researchers for the proper organisation and management of the references collected and to ensure uniformity and standardisation. Thanks to the technology, lot of software tools have come into existence to help us prepare both in-text citations and the list of references properly. The open source movement has taken this process to greater heights wherein open source references management softwares like Zotero, Mendeley have penetrated in to the research arena. This is a practical paper to demonstrate the use of Zotero – open source reference management software which is available as a plug-in for Firefox browser. Various features of Zotero like creating collections, renaming and deleting collections, adding reference items, assigning tags, preparing list of references, adding attachments and notes to the collection items are described in illustrative style with necessary screenshots.*

**Keywords** : Zotero, references, in-text citations, open source softwares, bibliography, tags, attachments, renaming collections, export standardisation.

## 1. INTRODUCTION

Bibliographic software is application software that collects, manages, and creates citations for your research. Softwares like Zotero,

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# ROLE OF SOCIAL MEDIA IN LIBRARIES: OPPORTUNITIES AND CHALLENGES


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**Section – III**

## CASE STUDIES ON USE OF SOCIAL MEDIA


11. Social Media as a Knowledge sharing platform: A case study of Groups Network
**P. Padma and K. Ramasamy** **82**

12. Impact of Social Networking Sites on Academic Libraries **95**
**K. Sakariya, R. Vasanth Chellaiah, C. M. Ramkumar, R. Sibirah Marthal**

13. Social Media: Blogs Usage In Library Services
**Dr. D. William Abraham , R. Jothi and P. Baby** **105**

14. Role of Social Media in Libraries: Opportunities and Challenges with special reference to Facebook
**Dr. M. Tamizhchelvan** **111**

15. An Overview of Social Media: Whether Youtube is Good or Bad
**T. Prabu, I. Mariasoosai and Mrs.C. Jana Jayanti** **122**

16. CamScanner: Mobile App as a Research Tool at Library
**N. V. John and Dr. S. Ally Sornam** **126**

17. Perception of WhatsApp Usage Among Post Graduate Students of Bishop Heber College: A Case study
**A. J. Joicy and Dr. S. Ally Sornam** **129**

# SOICAL MEDIA AS A KNOWLEDGE SHARING PLATFORM: A CASE STUDY OF GROU.PS NETWORK

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**ABSTRACT**

To be the successful Professionals, we need to continuously gather knowledge both in our own and peripheral areas of interest. They not only gather new and latest knowledge upcoming in their fields of specialization but also disseminate and share the amazed knowledge for the welfare and betterment of their own professionals. Knowledge Sharing and Caring has become the most influential and meaningful professional activity in these days of competitive world. Library professionals working in the Brand No.1 school education system in India i.e. Kendriya Vidyalayas have realized and planned a foolproof online mechanism to collaborate, share, exchange, comment and update their knowledge base to make the Indian school library system mind-blowing. This paper attempts to place on record the basic concepts like discussion forums and e-group along with their advantages. Being a practical case study paper, it throws more light on the functioning of Kendriya Vidyalaya Librarians Network i.e. **http://grou.ps/kvlibrarians** in its mission of Knowledge sharing among the KV Library professionals. It talks about around 26 ways in which the KVLN shares and spreads knowledge on 'Practical Ideal School Librarianship' among KV Librarians.

**KEYWORDS**

Kendriya Vidyalaya, Discussion forums, e-groups, professional networks, knowledge sharing, forum, events, photo sharing, chat room, news digest, new ideas, comments

**Dr.S.Ally Sornam** is Associate Professor and Head of P.G. & Research DLIS, Bishop Heber College (Autonomous), Trichirappalli. She has 33 years of teaching and 15 years of research experience. She is the Dean for Staff and Student Welfare of the College. She has organized 7 National conferences, edited 6 books, co-authored 1 book. She has published 50 Journals articles and 80 articles in National and International conference proceedings. She is a recognized Guide for Ph.D and guided 6 Ph.Ds and 60 M.Phils. She is an invited External Expert for selection and assessment of Library professionals. She is also Resource Person and Human Resource Trainer for UGC/Government and NGO programmes.

**Dr.J.Franklin** is working as Assistant Professor in P.G. & Research Department of Library and Information Science, Bishop Heber College(Autonomous), Tiruchirappalli. He has got 20 years of professional experience in the field of LIS. He cleared UGC-NET and SET examinations. He is a life member of SALIS. He published 30 papers in National & International Conferences and Journals. He received Best Paper Award in International Science Congress in 2013.He received Best Young Researcher Award from Bishop Heber College for two consecutive years 2016,2017. He is a recongnised Ph.D guide of Bharthidasan University and currently guiding 3 research scholars. He visited Sri Lanka in 2016 to present a research paper. His specialization are Information Sources, Information and Communication Technology & Information Processing and Retrieval Theory.

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**27.** Use of Social Networking Sites Among MAM Engineering College Students: A special reference to Facebook
**G. Prabhakaran, C. Anbazhan and P. Anandhan** **231**

**28.** Use of Social Networking Sites by M. Phil Research Scholars of Arts and Science Colleges, Dindigul, Tamil Nadu: A Pilot Study
**Dr. K. Ramasamy** **239**

**29.** Utilization of Social Networking Sites (SNS) Among Women Students of St. Joseph's College: A Study
**Dr. J. Franklin, P. Stella Mary and J. Sahayarani** **249**

**30.**Usage of Facebook Among the Hostel Students of Bishop Heber College, Trichy: A Case Study
**R. Selvaraj, M. Manoj Prabhakaran and K. Shiva Shankari** **261**

**31.** Usage of Social Media in Top Twenty University Libraries in the World and India: A Comparison
**Dr. J. Franklin, V.V. Biju and Sanjo Jose** **270**

**32.** Usage of Social Networking Sites Among Faculty members working in "College With Potential for Excellence" in Tiruchirappalli: A Study
**R. Selvaraj, E.J. David Prabhakar and V. Hema** **276**

**Section – V**

**SOCIAL MEDIA IN MARKETING LIBRARY SERVICES AND PRODUCTS**

33. Application of Social Media in Marketing Library Services and Products
**J. Eldine Romella and A. Victor Sorna Prabhu** **284**

**Section – VI**

**INFORMATION LITERACY, USER PERCEPTION, COMMUNITY NEEDS ASSESSMENT**

34. Impact of Social Media on Society
**M. Bhuvana, Karthikeyan and Dr.M. Manjula** **296**

# USE OF SOCIAL NETWORKING SITES BY M. Phil RESEARCH SCHOLARS OF ARTS AND SCIENCE COLLEGES, DINDIGUL, TAMILNADU: A PILOT STUDY

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**ABSTRACT**

Social networking sites have become the talk of the town in this ever growing digital world facilitating, communicating, sharing, exchanging and disseminating information in the form of words, pictures, audios and videos. The present study aimed at understanding the use of social networking sites among the M.Phil Schoalrs of Arts and Science colleges of Dindigul Town, Tamilnadu. Random sampling method is used to select 70 M.Phil Scholars of various disciplines.

**KEYWORDS:**

Social Networking, Social Networking literacy, Facebook, Youtube, Use of SNS, Problems in SNS, M.Phil Schoalrs, Dindigul town

## 1. INTRODUCTION

The arrival and blooming of second generation web has brought in a lot of positive changes in the webosphere. The so called interactive tools, easy-to-operate mechanisms, fast learning provisions, graphical interfaces, two-way communications media, immediate posting etc has made the web into a web 2.0 platform. We have started using various threads of web 2.0 applications to become more social. The process of social networking gained a momentum rapidly in a very short period. Thanks to sites like Facebook, Myspace, Twitter, Youtube, Delicious, LinkedIn etc, we have rejuvenated our social togetherness in the modern digital era.

## 2. SOCIAL NETWORKING SITES

The term social network was originally coined to distinguish between networks that were used for business purposes and those that were used for socializing. The term has been extended to include interactive websites with message boards, chat rooms or the ability to leave comments and have a

**Dr.S.Ally Sornam** is Associate Professor and Head of P.G. & Research DLIS, Bishop Heber College (Autonomous), Trichirappalli. She has 33 years of teaching and 15 years of research experience. She is the Dean for Staff and Student Welfare of the College. She has organized 7 National conferences, edited 6 books, co-authored 1 book. She has published 50 Journals articles and 80 articles in National and International conference proceedings. She is a recognized Guide for Ph.D and guided 6 Ph.Ds and 60 M.Phils. She is an invited External Expert for selection and assessment of Library professionals. She is also Resource Person and Human Resource Trainer for UGC/Government and NGO programmes.

**Dr.J.Franklin** is working as Assistant Professor in P.G. & Research Department of Library and Information Science, Bishop Heber College(Autonomous), Tiruchirappalli. He has got 20 years of professional experience in the field of LIS. He cleared UGC-NET and SET examinations. He is a life member of SALIS. He published 30 papers in National & International Conferences and Journals. He received Best Paper Award in International Science Congress in 2013.He received Best Young Researcher Award from Bishop Heber College for two consecutive years 2016,2017. He is a recongnised Ph.D guide of Bharthidasan University and currently guiding 3 research scholars. He visited Sri Lanka in 2016 to present a research paper. His specialization are Information Sources, Information and Communication Technology & Information Processing and Retrieval Theory.

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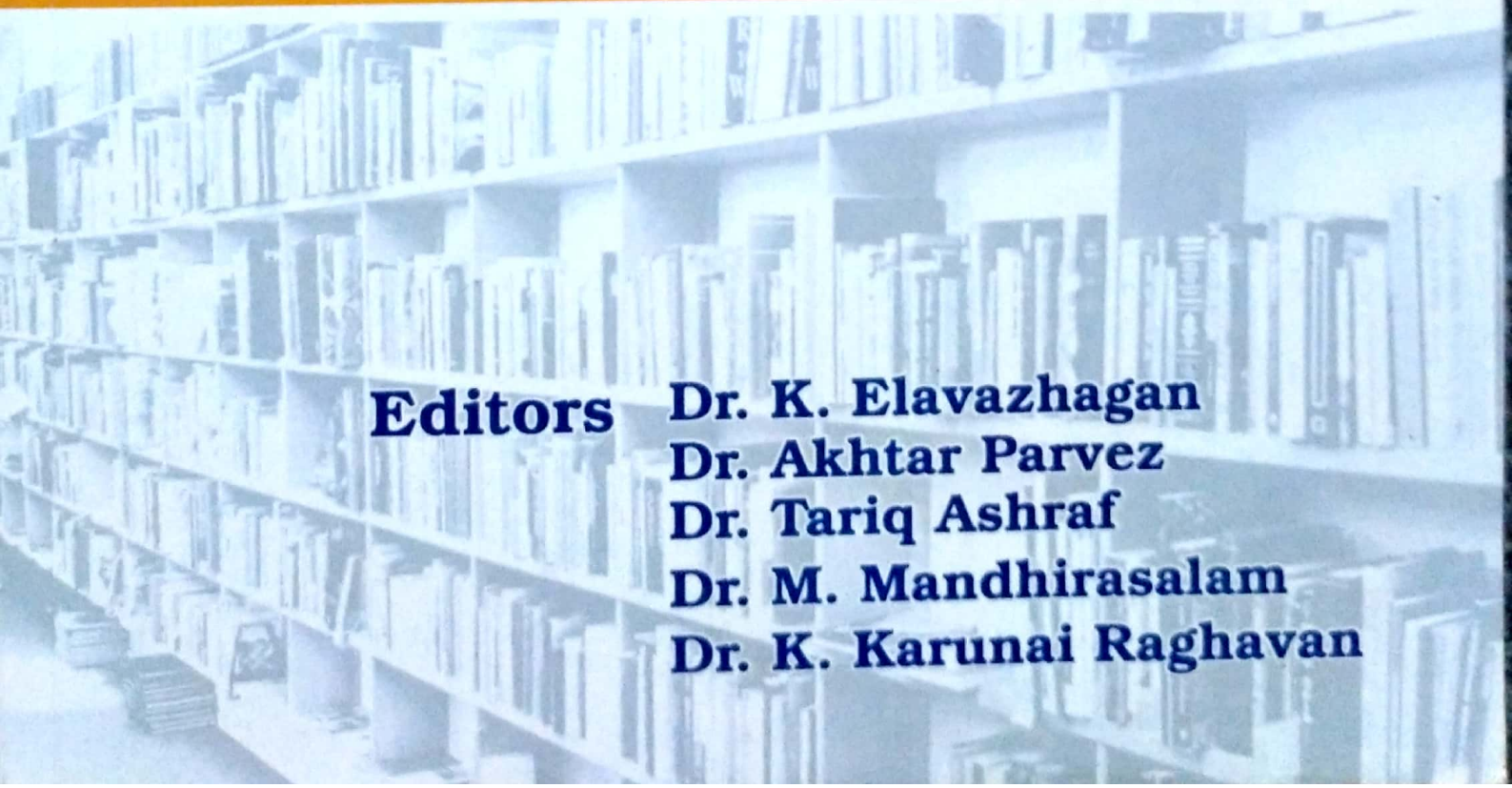


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5. Social Network for Academic Interaction: An Opinion Study 391

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6. RPG's 10 Pillar Model for Social Media Literacy Skills: An Indigenous Theoretical Framework 399

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# RPG'S 10 Pillar Model for Social Media Literacy Skills: An Indigenous Theoretical Framework

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[2]Assistant Professor, [3]Full-time Ph.D Scholar DLIS, Madurai Kamaraj University, Madurai.

**Abstract**

*Social media has reached the doorsteps of all the digital natives. We have become a part and parcel of one or other social media. Possessing required social media literacy skills will enable us to operate the social media effectively for our betterment. Thus, social media literacy has become inevitable. Though many models and theoretical frameworks are evolved over the period of time for information literacy skills, we could hardly find a theoretical model created for social media literacy skills. This paper proposes such an indigenously developed model for social media literacy - RPG's 10 pillar model. RPG stands for Ramasamy, Padma and Gowri – the creators of this model. This model proposes 10 pillars for anyone who would like to become social media literate. The 10 skills included in this model are : the skill of knowing what is social media, the skill of rudimentary features of social media, the skills to become a member of social media, the skill to create groups in social media, the skill to create contents in social media, the skill to manage the content in the social media as a member, the skill to manage the content in the social media as an administrator, the skill to mange people in social media, the skill to be cautious and the skill to withdraw from a social media. This paper describes in detail the sub-set of skills required under all the 10 pillars of social media literacy. This model can be used by the researchers, faculty members, institutions, policy makers and all the interested groups to evaluate the social media literacy skills of their respective clientele. The academic institutions may adopt this model to teach social media literacy skills among the students. This model may be improvised to suit the requirements of individual institutions and users.*

**Keywords:** *Social Media Literacy, RPG's 10 Pillars, Enrolment, Creating Content, Managing Members, Withdrawal*

## Introduction

The modern lives are stormed with web 3.0 tools and techniques. Be it individual, social, national, local, international, the web 3.0 tools dominate and rule the environment and the people. Social media tools, which have emerged as a ray from web 2.0 sunlight, have penetrated into every walks of our lives. We use social media tools and social media networking sites like facebook, twitter, blogs and whatsapp to find, get to know, share common interests, express individualized comments and prove our identity.

People of all walks of life – students, teachers, doctors, engineers, executives, software engineers, electricians, plumbers, daily labourers etc... make use of social media tools and



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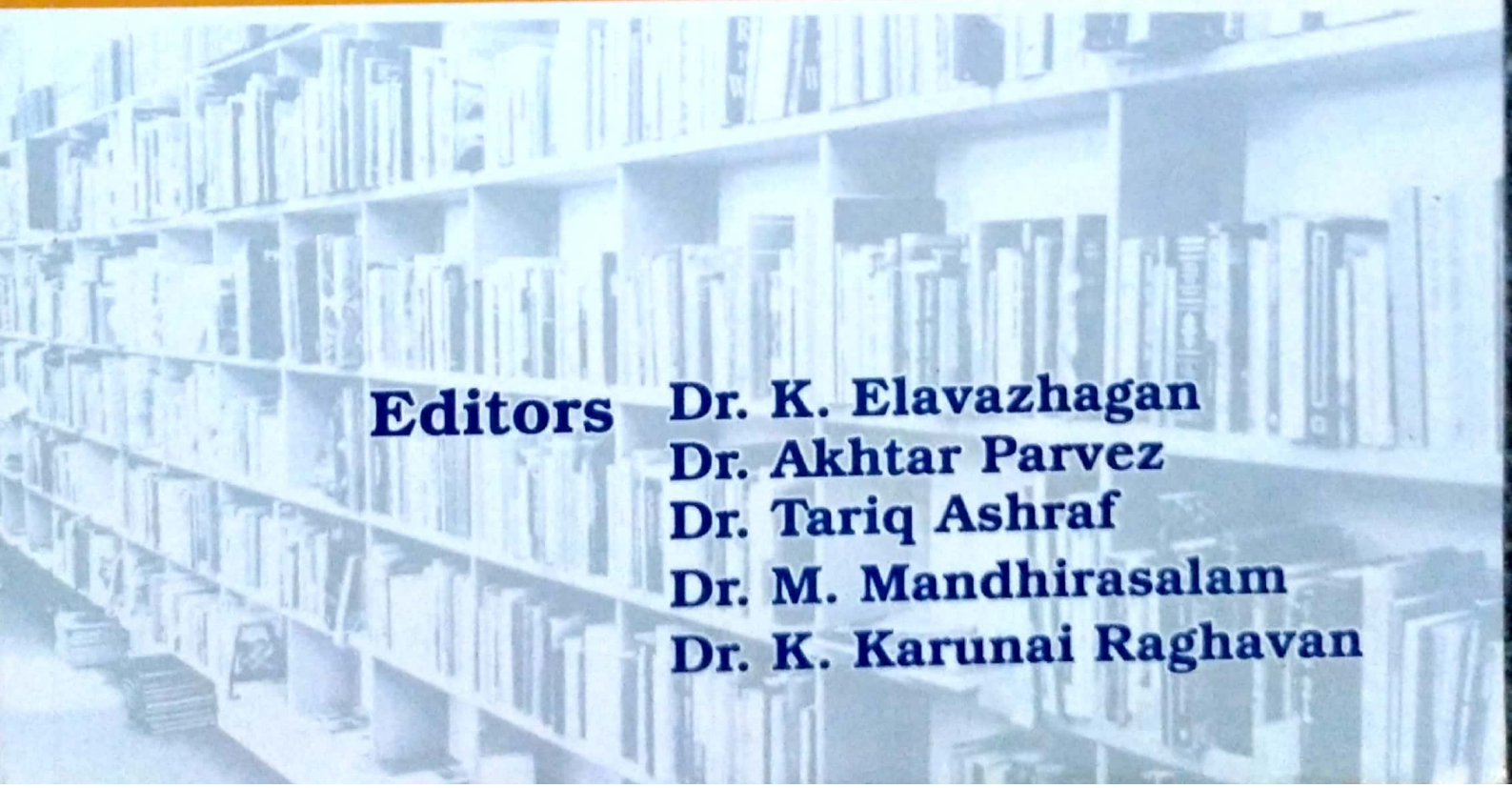


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# Use of Social Networking Sites by Post Graduate Female Students of Arts & Science Colleges, Theni District, Tamilnadu : An Evaluative Study

[1]Padma, P. (Dr.) and [2]Ramasamy, K. (Dr.)

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[2]College Librarian, M.V.Muthiah Government Arts College for Women, Dindigul.

**Abstract**

*Social Networking Sites have become everyone's handy tools in communicating, sharing, exchanging and disseminating information in the form of words, pictures, audios and videos. The present study aimed at in understanding the use of social networking sites among the post graduate students of Arts and Science Colleges of Theni District, Tamilnadu, India. Random sampling method is used to select 140 post graduate students of various disciplines. Questionnaire method was used to collect required data. The data was analyzed using MS Excel. The results shows that : 138 (98.57%) of the PG students are aware of WhatsApp followed by 85.71 % of the students (120) who are aware of facebook and 82.86% (116) who are aware of YouTube. WhatsApp (128, 91.43%) is used by maximum number of respondents followed by facebook and YouTube with 78.57% (110 each) and wikis with 42.86 % (60). most of the respondents (98, 70%) access social networking sites at hostels followed by 80 (57.14%) students accessing SNS at homes. A majority of 44 users (31.43%) use SNSs for the period ranging from 6 moths – 1 year followed by 40 respondents (28.57 %) using SNSs 1-2 years. A majority of 68.57% (96) of the respondents learn about using SNSs from their friends. A majority of 50 (35.71%) respondents have more than 100 contacts in their SNS. A majority of 74 (25.86%) respondents spend less than one hour on SNS. A majority of 130 (92.86%) respondents use SNS to interact with friends followed by 120 (85.71%) respondents using SNS to update photos and 112 (80%) respondents using SNS to exchange and share photos, files, music and videos. a majority of 110 (78.57%) respondents commented that SNS help them meeting their college friends virtually followed by 96 (68.57%) respondents appreciating SNS for helping them in asking and learning and 80 (57.14%) respondents praising SNS for helping them in preparing for seminar and assignments.*

**Keywords:** *Social Networking, Facebook, YouTube, Use of SNS, Problems in SNS.*

## Introduction

The arrival of second generation web has brought in a lot of positive changes in the webosphere. The so called interactive tools, easy-to-operate mechanisms, fast learning provisions, graphical interfaces, two-way communications media, immediate posting etc has made the web into a web 2.0 platform. We have started using various threads of web 2.0 applications to become more social. The process of social networking gained a momentum rapidly in a very short period. Thanks to sites like Facebook, Myspace, Twitter, YouTube, Delicious, LinkedIn etc, we have rejuvenated our social togetherness in the modern digital era.



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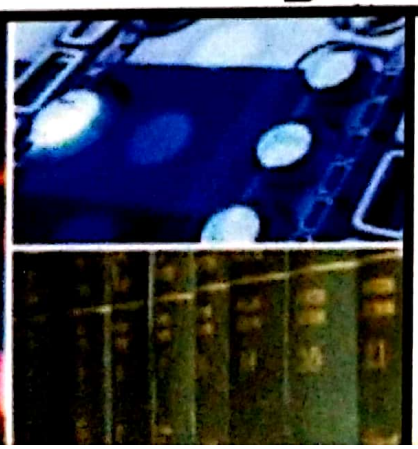

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# Contemporary Development in Scientometrics

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# Contents

## PART-I - BASICS OF SCIENTOMETRICS AND ITS APPLICATIONS


1. **Scaling of Anestheology Research in India: A Scientometric Analysis.** 3
   *Mr.K.S.Abu.*

2. **Scientometric Analysis on Indian Contribution to Nuclear Research (2005-2016)** 17
   *Mr.J.Arumugam*

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   *Dr. C. Murugan.*

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   *Mr. R. Maheswaran*

7. **Research productivity on ' Vasculitis': A Scientometric Analysis of Web of Science output 2011-2015** 87
   *Dr. P. Padma and Dr. K. Ramasamy.*

8. **Scientometric Dimensions of Dyslexia Research: A study Based on Web of Science (2006-2016) database** 102
   *Dr. K. Ramasamy and Dr. P. Padma.*

9. **Earthquake Research Publication in BRICS Countries** 120
   *Dr. S. Raja.*


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# 8

# Scientometric Dimensions of Dyslexia Research: A Study Based on Web of Science (2006-2016) Database

Dr. K. RAMASAMY[1] and Dr. P. PADMA[2]

## INTRODUCTION

Quantitative researches are popular forms of research in the arena of Library and Information Science. Since the introduction of ' Statistical Bibliography', the nomenclature of quantitative studies have transitioned from librametry to bibliometric, scientometric, webometric, cybermetirc, socio-metrics, altmetrics etc. The quantum of literature of a specific discipline / area of study may be a single journal or a collection of journals in a specific group or a bibliographic database or a cross-collection of two or three databases or theses / dissertations etc.

## SCIENTOMETRICS

Vassily V. Nalimov and Z. M. Mulchenko introduced the term Sciento-metrics In 1969. Nalimov and Mulchenko defined scientometrics as "the application of those quantitative methods which are dealing with the analysis of science viewed as an information process" (Nalimov and Mulchenko, 1969). According to these interpretations, scientometrics is restricted to the measurement of science communication, whereas bibliometrics is designed to deal with more general information processes. According to Pouris, "Scientometrics is for science what econometrics is for economics".

1. Librarian, M V Muthiah Government Arts College for Women, Dindigul, Tamilnadu
2. Assistant Professor, Dept. of Library and Information Science, Madurai Kamaraj University, Madurai.

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# CONTEMPORARY DEVELOPMENT IN SCIENTOMETRICS

## About the Book

Now-a-days the metric studies plays a major role in the field of library and information science, and also the main two eyes of the metric studies are Bibliometrics and Scientometrics. These are two closely related approaches to measure scientific publications.

This book discusses about the "Contemporary Development in Scientometrics", it is divided into two parts i.e. Part-I -Basics of scientometrics and its applications, Part-II- Collaborative studies and Citation Analysis. It provides the reader with the various collection of research papers contributed by the eminent professors, librarians, great scholars and researchers in the discipline of Library and Information Science especially in Scientometrics research, both at national and international levels. The book is a collection of articles from the various authors in different places of our country and even from foreign countries, who all are legends in the field of Scientometrics. This publication, is not just an additional literature in the field, it provides an emerging trend in the thrust area not limited only with the traditional sources of information but with digital and web resources. We are sure that this book would be valuable accumulation in the Library and Information Science literature which provides a wholesome idea for the readers, academicians, young scientists, policy-makers, professional bodies and future researchers in Scientometrics in a nut-shell.

## About the Editor

**Dr. N.O. Natarajan** has obtained his Ph.D in Library and information Science from Annamalai University. He has ten years of teaching experience and presently working as Assistant Professor in Department of Library and Information Science, Annamalai University. He holds BSc, MLIS, MPhil degrees. He has produced one Ph.D and 12 M.Phil scholars. Further, six scholars are doing Ph.D under his guidance, and his areas of interest are Information Seeking Behaviour, Information and Communication Technology, Bibliometric and Scientometric studies. He is a life member of ILA and SALIS, TLA, MALA, and has published more than 40 research papers in international journals, and also more than 46 research papers in national level Journals. He has presented a number of research papers in various conferences/seminars in national and international level. He is an associate editor of IJIRM (International Journal of Library and Information Science), he is one of the Editor in Time Journal of Social Sciences (TJSS-International). He has also visited foreign county to attend international conference and workshop. He is member in board of studies and external examiner in few universities. He has contributed more than 08 chapters in various books both in national and international level.

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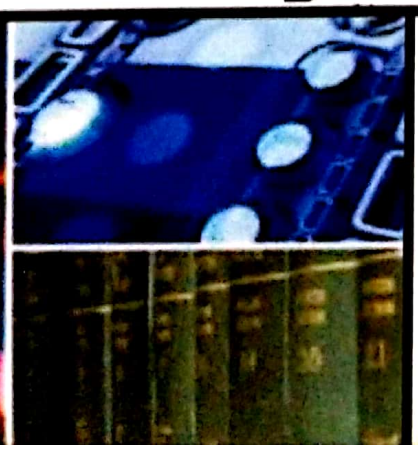

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   *Dr. K. Ramasamy and Dr. P. Padma.*

9. **Earthquake Research Publication in BRICS Countries** 120
   *Dr. S. Raja.*


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# 7

# Research Productivity on 'Vasculitis': A Scientometric Analysis of Web of Science Output 2011-2015

Dr. P. PADMA[1] and Dr. K. RAMASAMY[2]

## INTRODUCTION : SCIENTOMETRICS

Vassily V. Nalimov and Z. M. Mulchenko introduced the term Sciento-metrics. In 1969. Nalimov and Mulchenko defined Scientometrics as "the application of those quantitative methods which are dealing with the analysis of science viewed as an information process" (Nalimov and Mulchenko, 1969). According to these interpretations, scientometrics is restricted to the measurement of science communication, whereas bibliometrics is designed to deal with more general information processes. According to Beck (1978), Scientometrics is defined as the quantitative evaluation and inter-comparison of scientific activity, productivity and progress.

Scientometrics are used to quantify scientific activities. Generally quantification of scientific activities is measurable by producing statistics on scientific publications indexed in indicator databases such as SCOPUS and Web of Science. Scientometric data can be useful to measure research collaborations among scientific environments and to monitor the evolution of special scientific subjects and fields. Also decision and policy-makers are going to be interested in scientometric indicators.

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# CONTEMPORARY DEVELOPMENT IN SCIENTOMETRICS

## About the Book

Now-a-days the metric studies plays a major role in the field of library and information science, and also the main two eyes of the metric studies are Bibliometrics and Scientometrics. These are two closely related approaches to measure scientific publications.

This book discusses about the "Contemporary Development in Scientometrics", it is divided into two parts i.e. Part-I -Basics of scientometrics and its applications, Part-II- Collaborative studies and Citation Analysis. It provides the reader with the various collection of research papers contributed by the eminent professors, librarians, great scholars and researchers in the discipline of Library and Information Science especially in Scientometrics research, both at national and international levels. The book is a collection of articles from the various authors in different places of our country and even from foreign countries, who all are legends in the field of Scientometrics. This publication, is not just an additional literature in the field, it provides an emerging trend in the thrust area not limited only with the traditional sources of information but with digital and web resources. We are sure that this book would be valuable accumulation in the Library and Information Science literature which provides a wholesome idea for the readers, academicians, young scientists, policy-makers, professional bodies and future researchers in Scientometrics in a nut-shell.

## About the Editor

**Dr. N.O. Natarajan** has obtained his Ph.D in Library and information Science from Annamalai University. He has ten years of teaching experience and presently working as Assistant Professor in Department of Library and Information Science, Annamalai University. He holds BSc, MLIS, MPhil degrees. He has produced one Ph.D and 12 M.Phil scholars. Further, six scholars are doing Ph.D under his guidance, and his areas of interest are Information Seeking Behaviour, Information and Communication Technology, Bibliometric and Scientometric studies. He is a life member of ILA and SALIS, TLA, MALA, and has published more than 40 research papers in international journals, and also more than 46 research papers in national level Journals. He has presented a number of research papers in various conferences/seminars in national and international level. He is an associate editor of IJIRM (International Journal of Library and Information Science), he is one of the Editor in Time Journal of Social Sciences (TJSS-International). He has also visited foreign county to attend international conference and workshop. He is member in board of studies and external examiner in few universities. He has contributed more than 08 chapters in various books both in national and international level.

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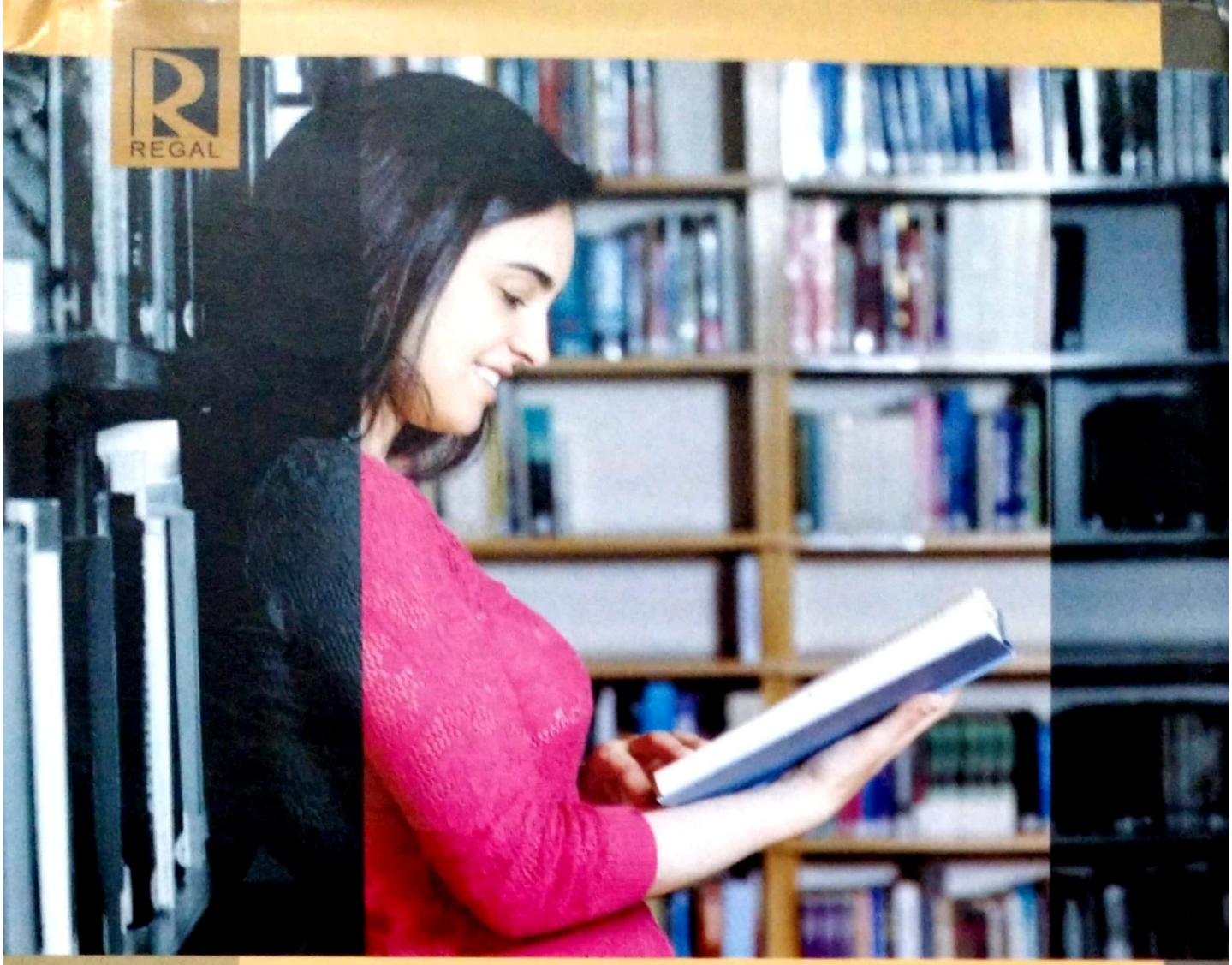

# Public Library Users

## Objectives and Development of Public Libraries, Role in Digital Era, Case Studies

Dr. P. Balasubramanian
Dr. A.P. Shanmugam
Editors

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# PUBLIC LIBRARY USERS

*Objectives and Development of Public Libraries, Role in Digital Era, Case Studies*


*Editors*

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# Contents


*Acknowledgements* *ix*

*List of Contributors* *xi*

1. Public Library: The Vehicle for Information Dissemination in a Modern Society 1
*Dr. Brundaban Nahak*

2. Impact of Digital Technologies on Public Library User: Issues and Challenges 22
*Dr. Anuradha, P.*

3. Role of Public Libraries Redefined in the Digital Era for a Better Tomorrow 30
*Mahua Roy*

4. Library Automation in Academic Libraries: A Survey 38
*Swaminathan, K.S.M. and Dr. Shanmugam, A.P.*

5. Communication Skills among Public Library Professionals: Present Scenario 46
*Paul Raj, S., Hema, V. and Thirumurugan, K.*

6. Adoption of Social Media Policies among the Public Libraries of Developed Countries: A Content Analysis 53
*Dr. Ramasamy, K.*

7. Enriching the Public Library Infrastructure through CSR Initiative: An Indian Perspective 62
*Santanu Das*


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# 6

# Adoption of Social Media Policies among the Public Libraries of Developed Countries: A Content Analysis

*Dr. Ramasamy, K.*

ABSTRACT

*Social media tools have become handy in the hands of public librarians. Many of the public libraries have started exploring the usefulness of various social media tools in marketing the library programs and reaching the users. So, there is a need to draft a well defined social media policy (SMP) by the public libraries. This study performed a content analysis of social media policies of selected public libraries. Google search engine was used to search, locate, retrieve and download the social media policies of 10 selected public libraries. It is found that: the SMP of the public libraries are of 2-3 pages length; they contain information like definition of social media, purposes for which social media are used by public libraries, dos and don'ts in social media usage, contents that are prohibited, role of library staff in reviewing and posting, disclaimer and warning against the misuse of library social media tools or the violation of SMP of the public libraries.*

**Key Words:** *Public libraries, social media policy, procedure, disclaimer, terms of use, privacy*

## 1. Introduction

Library 2.0 services or activities are seen as a supplement to more

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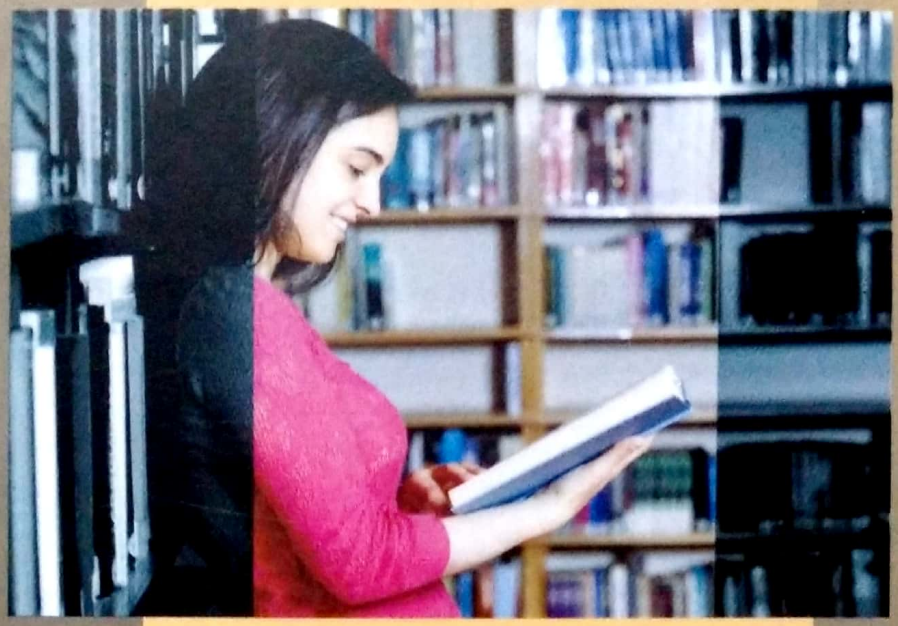

# Public Library Users

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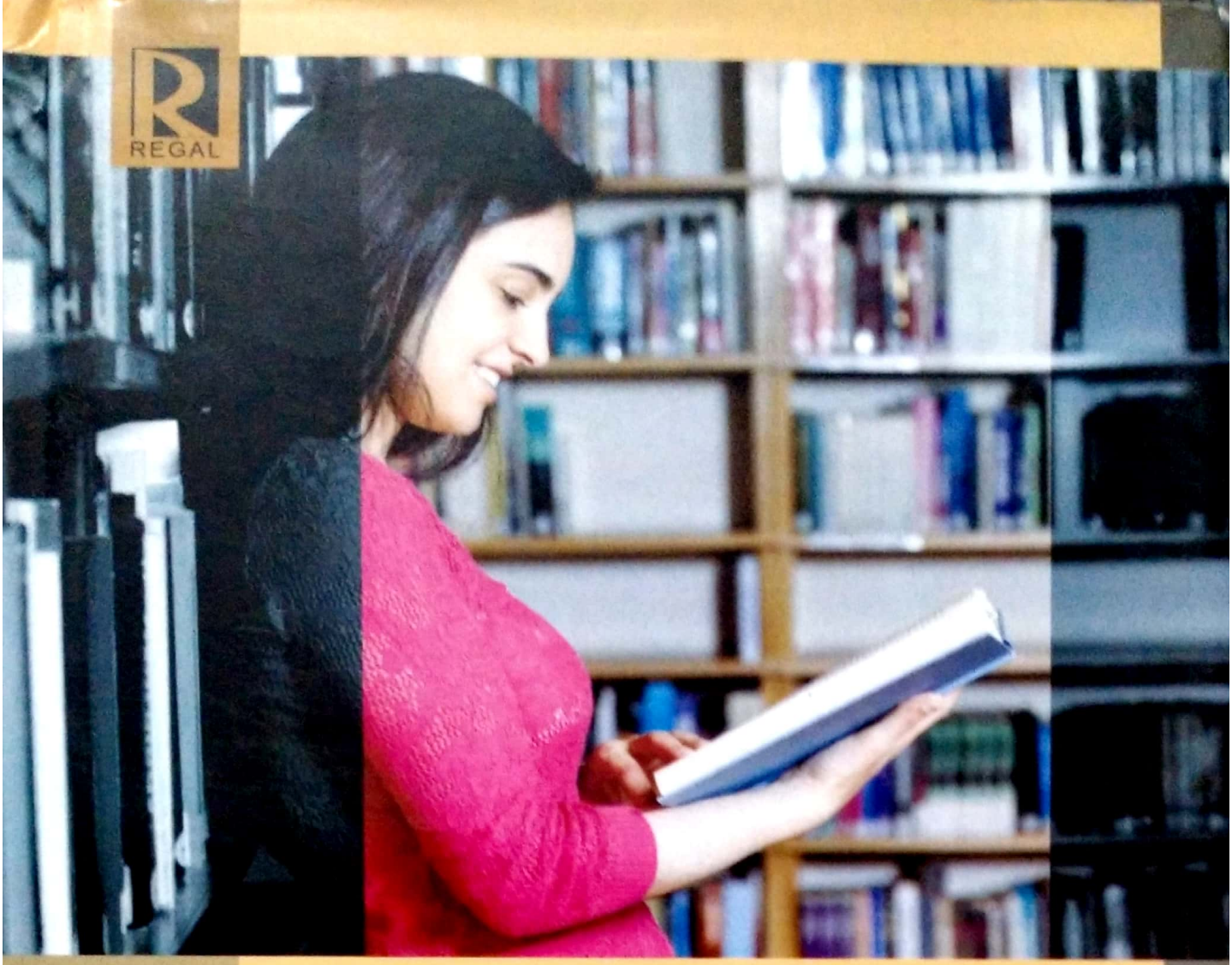

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An Overview 69
*Dr. Kannikaparameshwari, G. and Dr. Chandrashekara, M.*

9. Vision and Mission of Public Libraries in Tamil Nadu 78
*Dr. Kothandaraman, R.*

10. Users' Satisfaction Towards Public Library Services: A Study with Special Reference to Salem 82
*Dr. Gomathi, P.*

11. Salem District Public Library: A Study 89
*Santhi, B.*

12. Library Services at District Central Library, Tirunelveli: A Case Study 101
*Antony Arockiavathy, S.*

13. Reading Habits among the Users of Tirunelveli District Central Library, Tamil Nadu: A Survey 110
*Mani, M. and Dr. Thirumagal, A.*

14. Information Seeking Behaviour of Users at Kanniyakumari District Central Public Library in Tamilnadu, India: A Case Study 120
*Dr. Uginvanaja, D.*

15. Information Needs and Information Seeking Behaviour of Thiruvanaikovil Government Branch Library, Trichirappalli: A User Study 129
*Dr. Lakshmi, S. and Prabakaran, R.*

16. Branch Libraries are Information Dissemination Centers: A Case Study of Madurai District, Tamilnadu 138
*Dr. Padma, P. and Dr. Ramasamy, K.*

17. Utilization of Periodicals in Public Libraries, Chennai: A Study 152
*Thamaraiselvi, M., Manthiramoorthi, M. and Dr. Shanmugam, A.P.*

18. Library Services for Children in District Central Library, Thoothukudi: A Study 165
*Bindhu, S. and Dr. Balasubramanian, P.*

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16

# Branch Libraries are Information Dissemination Centers: A Case Study of Madurai District, Tamilnadu

*Dr. Padma, P. and Dr. Ramasamy, K.*


## ABSTRACT

*Public libraries are the common men's universities. They are the gateways to a live democracy. They are democratic institutions serving the users of different ages, creed, castes, community, socio-economic status, academic qualification with variety of information sources. The present study aims at describing the functioning of 6 rural branch libraries of Madurai District Central Library from users' point of view. 150 respondents were randomly selected from 6 branch libraries located in rural background. Questionnaires were distributed to collect the data. The findings of the study are: The majority of the respondents are 77% male. Most of the respondents, visiting the rural public library, belong to the age group 16-25. Majority of rural public library users (37%) have SSLC qualification. The major users in the rural public libraries in Madurai district are the employees (72) followed by the students (36). The primary purpose of the respondents to visit the library is to read newspaper (45%)—thus seeking information in current affairs has been the main motive behind their visits. The majority of users of rural public libraries in Madurai district visit the library once a week (64%). Most of the respondents (47%) feel that their libraries should support life-long learning. Adult Education service is the most wanted extra service (52%) from these rural public libraries by the respondents. Visiting the library just to sit and read (45%) is the reason for most of the library users to visit the rural public libraries. The top most reason for not*


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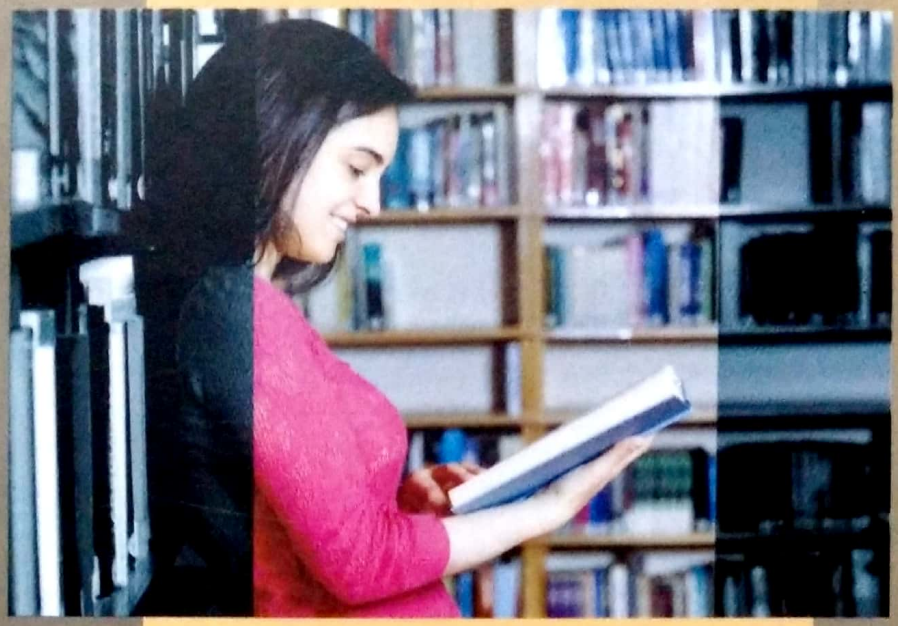

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# INNOVATIVE LIBRARIANSHIP
## CHALLENGES AND OPPORTUNITIES

Vol. I

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# Contents


- Preface

## Theme I
## Innovative Librarianship_Trends & Challenges

1. Innovative Librarianship: Bringing Quality and Value Addition In Library and Information Services
   Prof. Pravakar Rath 1

2. Innovative Librarianship and Emerging Technologies: Issues, Challenges and Opportunities
   Prof. B. Ramesh Babu 10

3. Innovative Librarianship: Best Practices @ Central University of Tamil Nadu, Thiruvarur
   Dr. S. Dhanavandan 23

4. Digital Initiatives of NCERT for School Libraries
   Dr.(Mrs.) Moorttimatee Samantaray 34

5. Use of Facebook and Blogs by the Indian Libraries : Birds Eye View
   Dr. M. Tamizhchelvan 41

- Competencies for next generation LIS professionals
  Dr. S. Gopalakrishnan 50

- An Overview of Copyright and Intellectual Property Rights (IPR)
  Dr.K.Elavazhagan 62

- Open Access Resources in Library and Information Science
  Dr. M. Chandrashekara 68

- Changing Role of Libraries and Library Professionals
  J. Arumugam 76

## Theme II
## Information Literacy

- Information Literacy Skills of M.Phil Research Scholars: A Pilot Study of M.V.Muthiah Governemnt Arts College for Women, Dindigul, Tamilnadu
  Ramasamy. K (Dr.) 80

- Information Literacy among the Teachers of Colleges Affiliated to the University of Kerala
  Dr. Sureshkumar C. 87

- Information Literacy Skills of Public Library Users: A Case Study of Urban Area of Ernakulam District ,Kerala
  Soumya P.Markose 97

# INFORMATION LITERACY SKILLS OF M.PHIL RESEARCH SCHOLARS: A PILOT STUDY OF M.V.MUTHIAH GOVERNEMNT ARTS COLLEGE FOR WOMEN, DINDIGUL, TAMILNADU

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***Abstract***

*Apart from being a mere literate, the post graduate student sand the research scholars need to possess Information literacy skills. This paper has studied the information literacy skills of M.Phil research scholars of M V Muthiah Govt Arts College for Women, Dindigul, Tamilnadu. Census method is used to collect data from 50 respondents with a well structured, SCONUL model based group interview. The findings reveal that: the respondents are good at four skills (identification of lack of knowledge, identification of concepts and terms, modification of need for information and combining existing information with original concept) with the WAM ranging from 2.0 to 2.02 ; the respondents are good at identifying information gaps, types of information and different formats of information with the WAM ranging 2.0 and more; They are also equally good at four different skills viz., choosing suitable material (WAM of 2.08), assessing the quality and relevance of the information (WAM of 2.06), Reading critically (WAM of 2.08) and critically appraising and evaluating findings (WAM of 2.08). the respondents are very good at most of the skills placed under 'Organization of information professionally and ethically' ; They are least skilled in identifying controlled vocabularies and taxonomies (WAM of 1.84); They are least skilled in using a range of retrieval tools and resources (WAM of 1.58) and accessing full text information (1.60) and They are least skilled at summarizing documents and communicating in appropriate writing styles (WAM of 1.96). 90% need information literacy programmes and 81% vote for the introduction of Information Literacy as a paper in college Curriculum.*

**Keywords:** Information literacy, SCONUL 7 pillars, M V Muthiah Govt. Arts College

## Introduction

Literacy is a simple process of acquiring basic cognitive skills. Information Literacy is the set of skills and knowledge needed to be able to access technological resources and assess their accuracy, reliability, and credibility. Information Literacy is focused on content, analysis, searching and evaluation of information.

Information literacy is a set of abilities requiring individuals to "recognize when information is needed and have the ability to locate, evaluate, and use effectively the needed information" (American Library Association, 1989).

## SCONUL 7 Pillars Model of Information Literacy

The "seven pillars" model was developed by SCONUL, (2006). It comprises of 7 IL Skills: Identify, Scope, Plan, Gather, Evaluate, Manage and Present.

## Literature Review

**Issar, Amusan, Olarongbe, Igwe and Oguntayo (2015)** performed a survey on the IL competence of 1205 final year undergraduate student at the University of Ilorin, Nigeria using a questionnaire and found that majority of the respondents had information needs on their academic engagements; Many considered difficulty in identifying their needs, cost of Internet browsing, subscription requirement, as challenges. It is recommended that the University authorities should consider the teaching of IL as a course to fresh students. **Kanfade (2014**) conducted a study at Sant Gadge Baba Amravati University to

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# INNOVATIVE LIBRARIANSHIP
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50. Growth of Research in Kerala: A Study based on Scopus Database
Dr. Surendran Cherukodan, Dr. Sheeja. N K, Dr. Humayoon Kabir S. 298

51. A Study on use Pattern of Electronic Information Resources by Students of Hajee Karutha Rowther Howdia College, Uthamapalayam, Theni District, Tamilnadu
M. Mani, Dr. P.Chellappandi 304

52. A Case Study on Information use Pattern by the users of District Central Library, Madurai
Pandeeswaran.C, Dr.P.Chellappandi 309

53. Librarianship Education Development: An Outlook of Information Professionals working in Self-Financing Engineering Colleges in Tamilnadu
Dr. S. Hariharan, Dr. M. Tamizhchelvan 314

54. Financial assistance from funding Agencies towards Research Performance in University of Hyderabad
Yakub Ali, N.Varatharajan, R. Sarangapani 320

## Theme V
## Metrics studies in Library and Infromation science

55. Natural Rubber Research Publication In India: A Scientometric Analysis
Mrs. P.U. Manjuand, Dr. S. Raja 324

56. Scientometric Analysis of Central University of Kerala (CUK) Research Output
Mrs.Jeeja V.T , Dr. S. Raja 331

57. Scientometric Analysis Of Aslib Journal Of Information Management
Dr. C. Baskaran 339

58. A Scientometric Analysis of Indian Research Output in Medicinal Plants Research During 2007–2016
C.Suresh, Dr.V.Ramesh Babu , N. Sankarasubramanaiam 343

59. Metrics and Altmetrics in 'Dimensions': New Database and New Tools for Enthusiastic LIS Metricians
Dr.P.Padma , Dr.K.Ramasamy 350

60. Publications Productivity of Science Departments of University of Calicut: A Scientometric Analysis
Ajitha A, Dr.Vasudevan T M 356

61. A Scientometric Analysis on Music Research (2010-2017)
Dr. K. Sanjeevi, V.Natarajan 362

62. Bibliometric Study of Global Research Output and growth rate study on the subject of Microeconomics (2000-2018)
R.Rajesh, L.Kalpana 366

# METRICS AND ALTMETRICS IN 'DIMENSIONS': NEW DATABASE AND NEW TOOLS FOR ENTHUSIASTIC LIS METRICIANS

**Dr.P.Padma**
Assistant Professor, Dept. of Library and Information Science, Madurai Kamaraj University, Madurai.
**Dr.K.Ramasamy**
Librarian, M V Muthiah Government Arts College for Women, Dindigul.

***Abstract***

*New metric tools are getting in to the world of metric studies in LIS sphere off late. Apart from Web of Science, Scopus and Engineering Village, we have added another database entitled 'Dimensions'. The new database provides a scope for analyzing new metric tools in the research output of various disciplines. This article gives an introduction to 'Dimensions' and reveals information about global research productivity as disclosed by the database as on 7th Feb.2018. Various ways of sorting records and the most productive authors, fields and sources are also listed. Specially, the Altmetrics analysis is discussed in length. The indicators like Relative Citation Ratio, Field Citation Ratio and Altmetrics Attention Score are discussed with screenshot results. The features like 'adding articles' to the personal library and availing e-mail alerts are also shown in the article.*

**Keywords**: Altmetrics, Dimensions, Altmetrics Attenstion Score, Relative Citation Ratio, Field Citation Ratio

## Introduction

When looking across the research landscape historically, different groups participated and contributed in the research process within their own circles. From researchers to research administrators, funders to corporate R&D and publishers - each had their own tools, data sets, lenses in which they viewed their data and unique structured workflows. These artificial divisions limited the ability to understand the real value of a particular research object diminished the ability to identify broader trends and dampened the possibilities for future discoveries. With Dimensions, Digital Science has realized an innovative research information infrastructure that is collaborative, comprehensive, and flexible - and has become uniquely positioned to support a diverse range of use cases. By design, Dimensions allows each user to define their own experience to be as broad or specific as it makes sense for their pursuits.

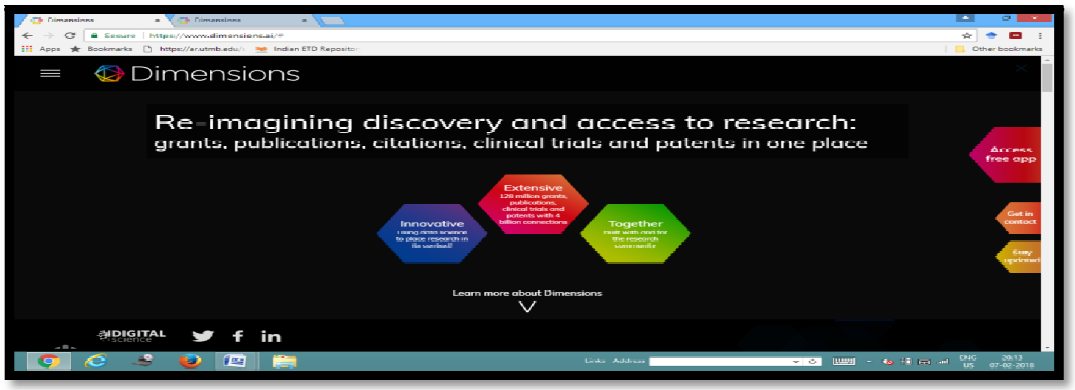


Fig. 1 : Home page of Dimensions database

## Building Dimensions together

The vision to realize a modern research infrastructure like Dimensions has lived within Digital Science since its inception in 2009. As with all the initiatives from Digital Science, broad community

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**Dr. S. Ravi,** is presently working as Professor and Head, Department of Library and Information Science, School of Communication in the Central University of Tamil Nadu, Thiruvarur-610005. He has 28 years of experience in teaching and research. Under his research supervision 20 scholars were awarded Ph.D and 50 Scholars were awarded M.Phil. He served as Deputy Coordinator for UGC SAP DRS I at the Annamalai University. He was the recipient of "Best Teacher Award" by the Annamalai University, Society for the Advancement of Library and Information Science, and the 'Madras Library Association(MALA). He has published 45 articles in National and International journals and also presented papers in a number of seminars and conferences in India and abroad, besides Member in several Professional Associations

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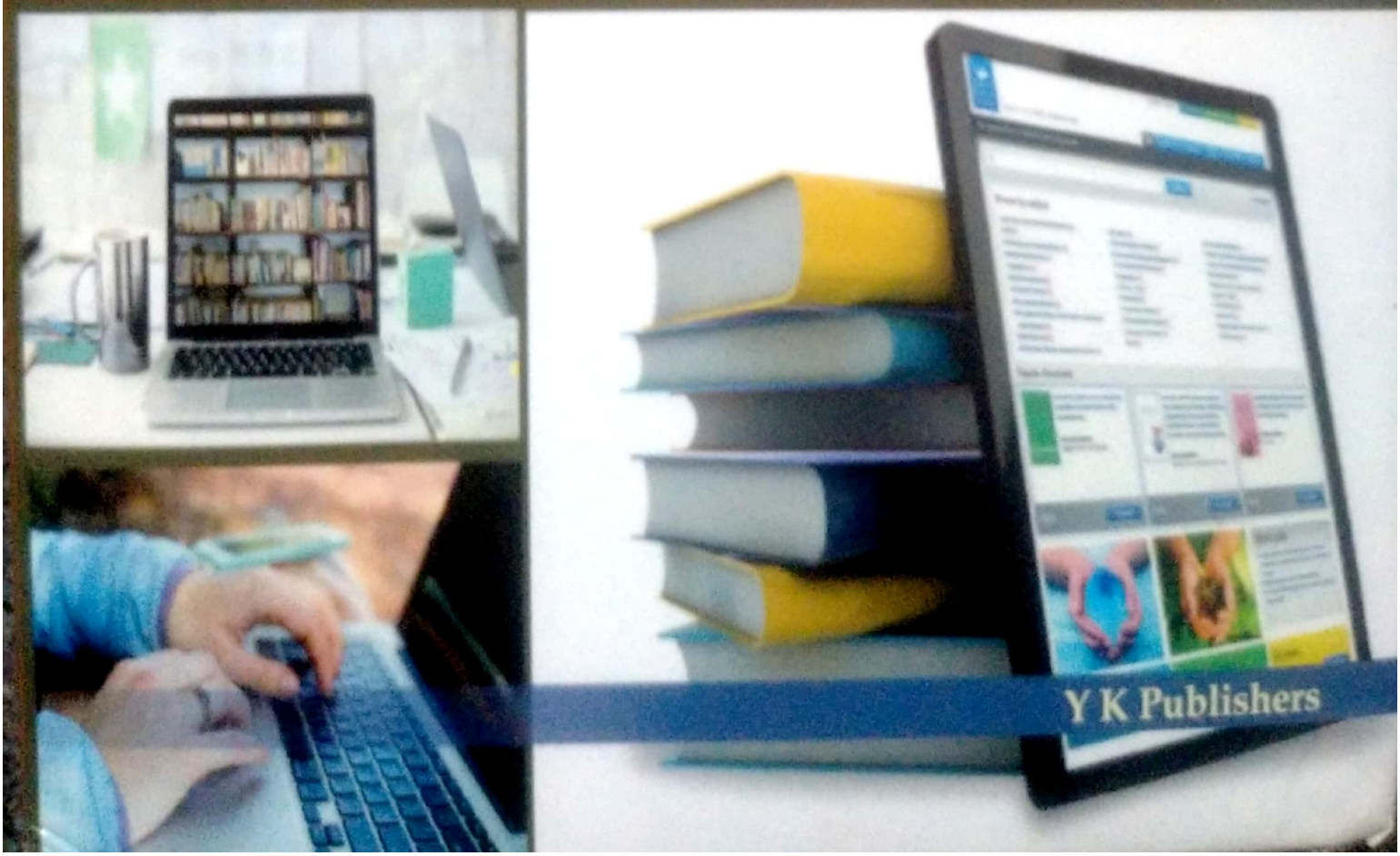

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By-**Prof. Vanita S. Mane**

13. Secure Your Pc In Library 121
*You Can Pen Drive In Your Computer Lock, Also A Jerk*
By-**Dr.Tushar M.Patil**

14. Open Access Digital Repositoires On 'Library And Information Science' As Registered In Opendoar : A Study 126
By-**Dr. Ramasamy, K.**

15. Role of Library Newsletters in Special Libraries 130
By-**Anand N. Kondalkar**

16. Essentials of Knowledge Management in College Library. 144
By-**Dr. Vinod Hirasing Raghuvanshi**

17. Library Automations 151
By- **Mr. Sachin Uday Wagh**

18. Usage of ICT Products and services in the Academic Libraries 156
By- **Mr. Kaldate A.R., Dr. Veer D. K**

19. Importance of Collection Development Policy in the Electronic Era : Need of Every Library 164
By- **Mrs. Rajeshree Rajesh Kalyankar**

20. Electronic Resources 171
By- **Mr. P. B. Ghante, Mr. A. N. Chikate** 177

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# 14

# Open Access Digital Repositoires on 'Library and Information Science' As Registered in Opendoar : A Study

*Ramasamy, K (Dr.)*


## ABSTRACT

*The study reports the functioning of open institutional repositories on Library & Information Science as registered in OpenDOAR. OpenDOAR website and the websites of individual institutional repositories were browsed to collect the required data. The study reveals that : There are 126 institutional repositories registered in OpenDOAR having contents on the subject 'Library & Information Science' as on 12/11/2017. 90 % (113) of the open access IRs are operational. 104 (83%) open access IRs belong to institutional repository type. While 15 of them (6%) are the discipline-oriented repositories, just 03 of them (2%) are the archives that aggregate data. 90 (71% ) IRs have journal articles, 75 % (59) of them have theses and dissertations, 50 % of them have conference and workshop papers. 95(75%) institutional repositories have contents in English language. Dspace software has emerged as the most used IR software in these IRs. 55 IRs (44 %) use Dspace software. Only 9 institutional repositories have defined their preservation policies. 71 IRs have not defined their data re-use policies. 16 IRs (17%) have defined their content polices. 68 (72%) IRs have not defined their submission policies. 100 IRs got established in first 6.5 years. There is a rapid growth from 2012-2013. United States tops with 14 IRs (11%) followed by United Kingdom with 13 (10%) IRs. European continent has a maximum of 60 (48%) IRs followed by Asian Continent with 26 IRs (21%) and North American Continent with 19 (15%) IRs. Hyper Aticle en Ligne of France has more than 13 lakhs items and Four IRs have 1-4 lakhs items.*


**Keywords** : *Institutional repositories, openDOAR, content types, repository software, preservation policy, Library & Information Science.*

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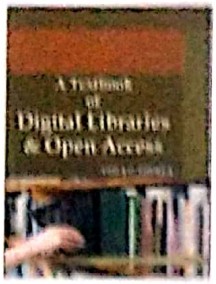

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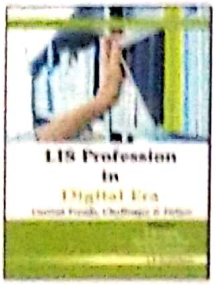

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*D.Piriyadarsini & T.Rajathi*

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*Raja*

18. HOW TO MANAGE ORGANIZATIONAL CHANGE IN LIBRARY AND INFORMATION CENTRES? : A VIABLE CHOICE IS "JOHN P KOTTER'S EIGHT STEP MODEL" 97
*Padma, P(Dr.) & Ramasamy, K(Dr.)*

19. METRIC STUDIES WITH 'DIMENSIONS' : A SCIENTOMERIC ANALYSIS OF RESEARCH OUTPUT ON ARTIFICIAL INTELLIGENCE (2013-2018) WITH A SLANT TO ALT METRICS SCORES 102
*Ramasamy, K(Dr.) & Padma, P(Dr.)*

20. EFFECTIVE USE OF E-RESOURCES AT THE UNIVERSITY LIBRARY 110
*Dr. B. Raviivvenkat*

21. BIG DATA AND LIBRARY SERVICES 114
*Dr.M.Dorairajan & M.Renukadevi*

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*Dr. R. U. Ramasamy & Dr. C. Navasakthi*

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# HOW TO MANAGE ORGANIZATIONAL CHANGE IN LIBRARY AND INFORMATION CENTRES? : A VIABLE CHOICE IS "JOHN P KOTTER'S EIGHT STEP MODEL"

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**Abstract**

Change is a very fundamental phenomenon in a society and organizations. It is a powerful factor that creates transformations in the lives of both institutions and individuals. Managing the change is a crucial process and the most required action expected from the management. Introduction of digital library wing in the library and transformation from a manual circulation to RFID based circulation practices are two specimen changes to be taken care of in libraries. Though many theories exist to support the successful conduct of organizational change, the present paper attempts to explore the ' 8 Step model' proposed by John P Kotter. All the eight steps of organizational change viz.,Establishing a Sense of Urgency, Create a Guiding Coalition, Developing a Vision and Strategy, Communicating the change vision, Empowering Employees for Broad-based Action, Generating Short-Term Wins, Consolidating Gains and Producing More Change and Anchoring New Approaches in the Culture are discussed in detail. These eight steps are presented under three broad categories namely Preparation, Action and Grounding.

**Keywords**: Change management, Eight Step model, John P Kotter, Vision & Strategy, Short-term Wins, Anchoring changes.

## Introduction

Numerous models for organizational change exist (for example, Buchanan & Boddy (1992), Clarke (1994), Kotter (1996), and Kouzes and Posner (2002)). Many of such models share common features such as identification of a problem, developing shared vision, communication, embedding change and so on. Kotter's model, as elaborated in *Leading Change* (1996), is one such model that emphasizes a logical sequence of actions that can assist with successful organizational change.

Kotter highlights eight reasons why organizational change processes fail. These are:

1 Allowing too much complacency
2 Failing to create a sufficiently powerful guiding coalition
3 Underestimating the power of vision
4 Under-communicating the vision by a factor of 10 (or 100 or even 1,000)
5 Permitting obstacles to block the new vision
6 Failing to create short-term wins
7 Declaring victory too soon
8 Neglecting to anchor changes firmly in the corporate culture.

Perhaps not surprisingly, Kotter's eight steps for successful organizational change are directly converse to his eight reasons for failure. In other words, by ensuring the eight reasons for failure are removed, contained, or at least their impact minimized, successful change will follow. These eight steps can broadly be contained within three categories, namely, preparation (steps 1-4), action (steps 5-7) and grounding (step 8).



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# METRIC STUDIES WITH "DIMENSIONS" : A SCIENTOMERIC ANALYSIS OF RESEARCH OUTPUT ON ARTIFICIAL INTELLIGENCE (2013-2018) WITH A SLANT TO ALTMETRICS SCORES

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**Abstract**

Altmetric is an alternative metrics. It is an article level metrics. It is the metrics of recent origin which is gaining momentum among the minds of LIS metricians. This article has attempted to analyze quantiatively the research output on " Artificial Intelligence" as indexed in Dimensions database coveirng the period – 1.1.2013 to 26.03.2018. Altogether, 273502 records were seen. The study reveals that : 2017 is the most productive year with 63040 records followed by 2016 with 51,364. Francisco Herrera tops the table with 204 publications followed by Nanning Zheng with 159 publications. the field "Artificial intelligence and image processing" had 104993 publications followed by other two importance fields " information systems" (39366) and Psychology (16498). A majority of 140655 publications were articles and 70639 publications are the papers published in the conference proceedings. The journal" Neurocomputing" is the most prolific journal with 2222 records followed by Expert systems with applications having published 2040 articles. Norwegian register tops with 126176 records and ERA 2015 follows with 110228 records on artificial intelligence. The RCR has the mean value of 0.95 and the FCR has the mean value of 1.35 for the publications on artificial intelligence. The Altmetric Analysis of an article shows that it has 740 citations and picked up by 170 news outlets, blogged by 49, twetted by 1895, available on 24 facebook pages, got references in 14 wikipedia pages, mentioned in 40 google+ posts, reddited by 3, highlighted by 1 platform, mentioned in 1 Q&A threads and available on 3 videos. The article has 5716 readers on Mendeley and 27 readers on CiteULike. It has the Altmetric Attention Score of 3203.

**Keywords** : Artificial Intelligence, Scientometrics, Altmetrics, Realtive Citation Ratio, Altmetric Attention Score, Document types, Prolific Authors and Journals

## Introduction : Scientometrics

Vassily V. Nalimov & Z. M. Mulchenko introduced the term Scientometrics. In 1969, Nalimov and Mulchenko defined scientometrics as "the application of those quantitative methods which are dealing with the analysis of science viewed as an information process" (Nalimov and Mulchenko, 1969). According to these interpretations, scientometrics is restricted to the measurement of science communication, whereas bibliometrics is designed to deal with more general information processes. According to Pouris, "Scientometrics is for science what econometrics is for economics".

## Artificial Intelligence

Artificial intelligence (AI), the ability of a digital computer or computer-controlled robot to perform tasks commonly associated with intelligent beings. The term is frequently applied to the project of developing systems endowed with the intellectual processes characteristic of humans, such as the ability to reason, discover meaning, generalize, or learn from past experience (Source : https://www.britannica.com/technology/artificial-intelligence).

Artificial intelligence is intelligence demonstrated by machines, in contrast to the natural intelligence displayed by humans and other animals (Wikipedia).



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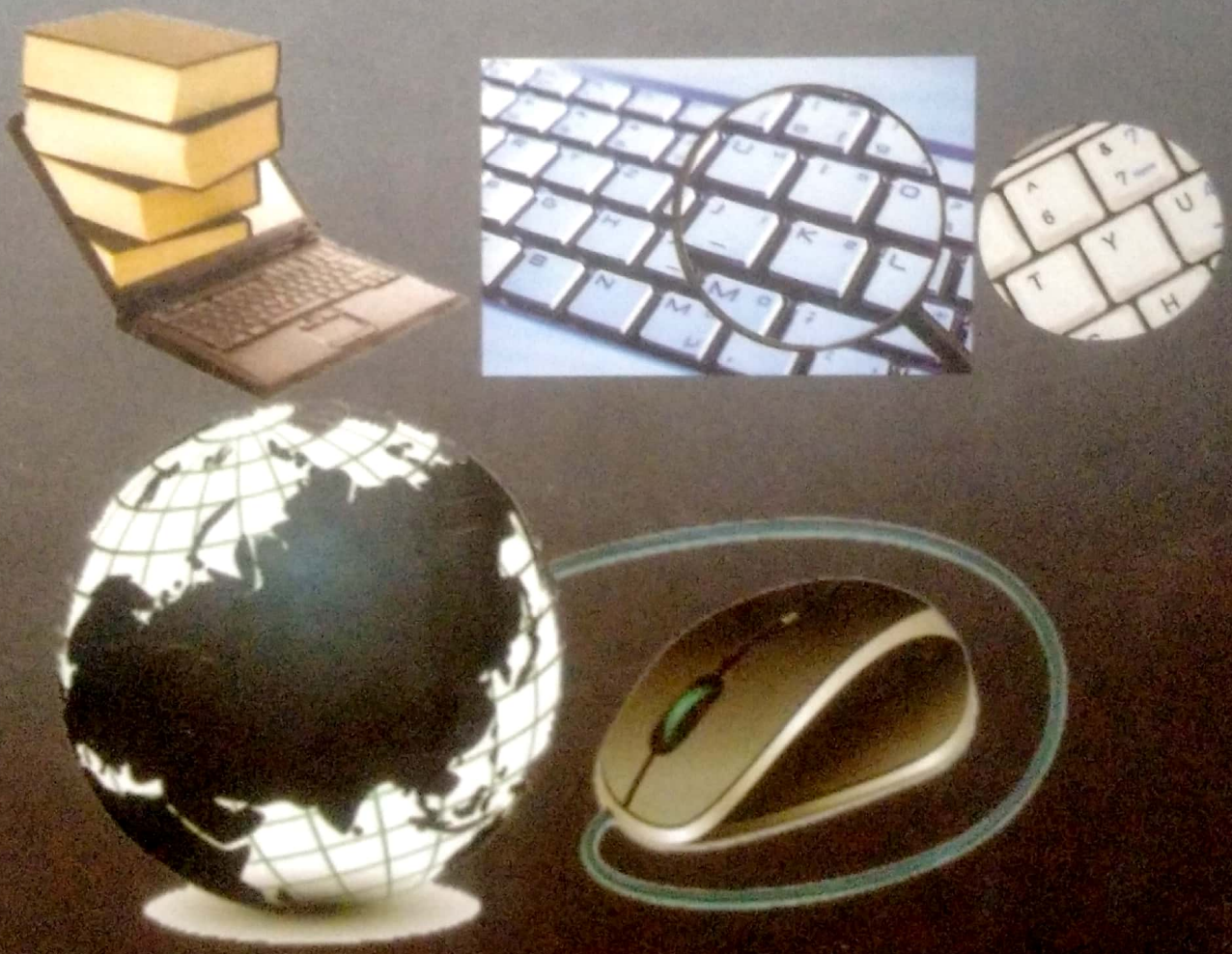
# E-RESOURCE MANAGEMENT IN ELECTRONIC INFORMATION AGE



*Editors*

**Basanta Kumar Das**

**Sanjay Kumar Karn**

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# E-Resource Management in the Electronic Information Age

*Editors*

**Basanta Kumar Das**

**Sanjay Kumar Karn**

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# CONTENTS


*Preface* (v)

*List of Contributors* (ix)

1. E-Resources in Academic Libraries: Issues and Challenges with Particular Reference to E-Books 1
   *Dr Sunil Kumar Satpathy*
2. Strategies and Functions of Content Management in Open Access Context 9
   *Anirban Dutta*
3. Electronic Resource Management – A Perspective Beyond Books 21
   *Dr Uma Rani Bade*
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   *Dr. Nidhi Srivastava & Dr. Manoj Kumar Tiwari*
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   *Dr. Md. Gulnawaz Azam*
6. Types and Use of E-Information by the University Teachers: A Study 51
   *Dr. Prakash Bhairu Bilawar*
7. Use of E-journals in Jawaharlal Nehru Technological University College of Engineering Library, Pulivendula, Andhra Pradesh 59
   *Dr. N. Zafrunnisha & K. Nagaraju*
8. Perception and use of E-Resources by the Postgraduate Students and Research Scholars of School of Social Sciences, Madurai Kamaraj University, Madurai, Tamilnadu : An Awareness Survey 66
   *Padma P (Dr.) & Ramasamy, K (Dr.)*
9. Use of Eprints for Electronic Resource Management: A Case Study of OpenDOAR Digital Repositories 83
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8

# Perception and use of E-Resources by the Postgraduate Students and Research Scholars of School of Social Sciences, Madurai Kamaraj University, Madurai, Tamilnadu : An Awareness Survey

**Dr. P. Padma**

**Dr. K. Ramasamy**

## ABSTRACT

*The availability of e-resources - 24 X 7, 365 days, anywhere, any form, any medium and ease of access - have attracted millions of academics to resort to various forms of resources in research, learning, re-learning and de-learning the conceptual framework of their study. The present study examined the perception and use of e-resources by the postgraduate students and research scholars of School of Social Sciences, Madurai Kamaraj University, Madurai. 100 respondents were randomly slected from 3 departments. Questionnaire method was used to collect data in this survey research. The research reveals that : 42 % (42) are male respondents and the remaining 58 % (58) are female respondents. 59 % (59) of the respondents are Postgraduate students pursing MA degrees. 66.40 % (71) of the respondents are aware that internet is a rich electronic resource. While 15.00 % (16) of the respondents are familiar with CD-ROM e-resources and 9.35 % (10) of the respondents are conversant with databases. 41 % (41) of the respondents use e-resources 2-3 times a week. It is worthwhile to note that 36 % (36) of the respondents use e-resources daily. 48 % (48) of the respondents spend 2-3 hours a week in the use of e-resources. Dr. T.P.M Library UGC Infonet centre is the most preferred location among 66 (52.8% ) respondents for accessing e-resources. While 44 (42.72 %) respondents type the web address directly in the browser software to get in to the specific e-resources, 26 (25.24 %) respondents use search engines to access those e-resources. 53 (43.8 %) respondents use e-resources to get to know current information, to improve their general knowledge and to get materials for preparing themselves for various competitive examinations. 44.69 % (41) of the respondents prefer to down load the e-resource content in their storage devices like CD / Pendrive for later perusal. usability is the major attractive force for using e-resources as per 37 (33.92 %) respondents followed by 24 (23.3 %) respondents who felt that accuracy is the main*

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The rapid developments in the current Library & Information Science (LIS) scenario has brought revolutionary changes in the modern society. The information stored in libraries and information centres have taken a significant shift from print media to electronic media. Accordingly different trends in the Library & Information Sector have emerged and many more trends are emerging as per the modern needs of the library and information systems. E-resources have become the integral component of any library resources. The number and range of E-resources are increasing day by day. Hence there is an urgent need to manage these resources in order to satisfy the users' information needs in an effective manner. This book entitled "**E-RESOURCE MANAGEMENT IN THE ELECTRONIC INFORMATION AGE**"attempts to discuss the related aspects of Electronic Resource Management in the modern context.

Basanta Kumar Das is BLIS and MLIS (IGNOU), UGC NET, MBA(Marketing & HRM) , M.Phil. Now he is working in IGNOU Regional Centre, Ranchi. He is also the active Academic Counsellor of IGNOU, New Delhi. He is the editor of more than 7 books, and few books are in progress. He has in his credit more than 30 research papers published in National/International journals, Books, Conference proceedings etc. He is also the life member of ILA, IASLIC, SALIS,JILA(Jharkhand Information & Library association-Treasurer), Indian Commerce Association(ICA), MANLIBNET. He has also participated in various Conferences, Seminars, Workshops etc. in LIS.He has been also associated with different Universities & Institutions at various positions.He is also the associate editor of the only quarterly journal of LIS in Jharkhand and Bihar entitled "INFOLIB".

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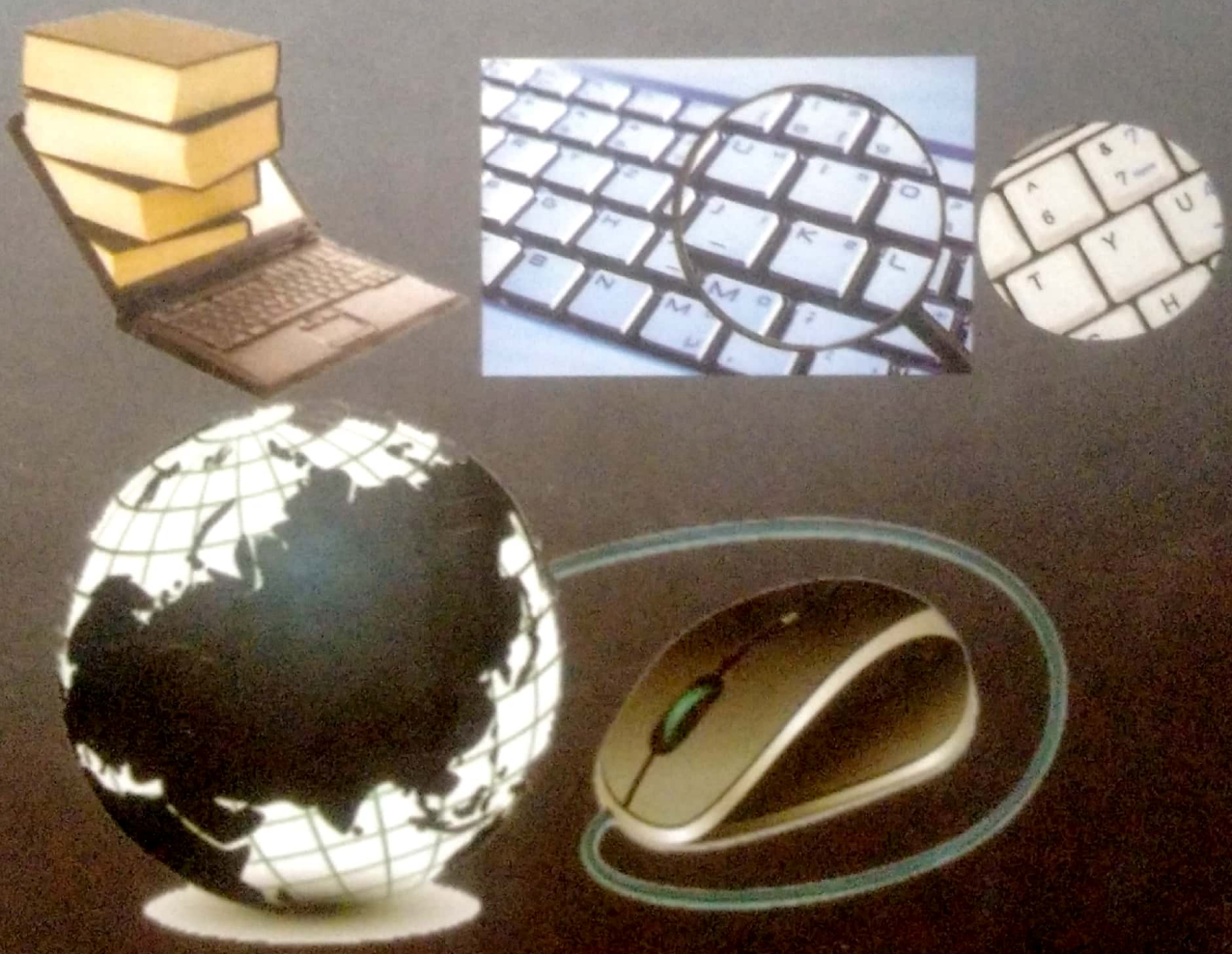
# E-RESOURCE MANAGEMENT IN ELECTRONIC INFORMATION AGE



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# CONTENTS


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9

# Use of Eprints for Electronic Resource Management: A Case Study of OpenDOAR Digital Repositories

Dr. K. Ramasamy
Dr. P. Padma

## ABSTRACT

*Digital library software enables the Institutional repositories (IRs) to store, manage, preserve, search, retrieve and disseminate the indigenous intellectual output of one's own institution. EPrints is a popular, free and open source digital library software. This study reports the use of EPrints software among the institutional repositories registered in OpenDOAR as on 19th July, 2017 in terms of their origin, continent and country-wise distribution, types of IRs, languages of contents and the top 20 repositories. The findings of the study reveal that : 458 repositories use EPrints. Maximum number of repositories i.e. 275 IRs (60 %) using EPrints are in European continent followed by 101 (22%) IRs in Asian Continent; there are 217 (57% ) repository organizations in European continent using EPrints; ; United Kingdom has 135 (29%) IRs using EPrints followed by Indonesia with 48 IRs and India with 24 IRs ; 111 repository organisations from UK and 46 from Indonesia use EPrints. 440 IRs using EPrints are operational and while 9 IRs using EPrints are trial repositories; 404 IRs (88%) using EPrints belong to institutional type while 48 (10%) are disciplinary repositories and 2 are governmental repositories. 346 (75%) IRs using EPrints software have journal articles followed by 244 (53%) IRs having theses and dissertations and 221 (48%) IRs having conference and workshop papers; 226 (57%) IRs using EPrints have defined their submission policies; 207 (52%) IRs using EPrints software have not defined their preservation policies; 367 (80%) IRs using EPrints have contents in English language; 57% of the (265) repositories using EPrints software are multidisciplinary i.e. they have contents in many subjects. While 50 repositories have contents on health and medicine, 48 repositories have materials on computers and IT. UCL Discovery, UK is the topmost content holder with more than 3 lakh items.*

**Keywords:** *Institutional repositories, openDOAR, content types, repository software, preservation policy, growth rate, EPrints.*

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# WOMEN EMPOWERMENT THROUGH ENTREPRENEURSHIP AND ITS CHALLENGES

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**Abstract**

*Economic development can be fostered only when women entrepreneurs in the nation is empowered. It is clear that women are the powerful drivers of development. Developing entrepreneurial skills among women will be a good approach for women empowerment and this would elevate social status of women. Women entrepreneurs will be able to compete in all respect. Empowerment leads to self-fulfilment and women become aware of where they are going, what their position is in the society, their status; existence and rights; and women are becoming more empowered, personally and economically through business ownership. Thus, the present study is initiated on empowering women through entrepreneurship development and also the social problems faced by women entrepreneurs and endorses various schemes of women entrepreneurs.*

## Introduction

Women empowerment can be said as a process in which women challenge the existing norms and culture, to efficaciously improve their personality, status in the family as well as in the society. Entrepreneurship on small scale is very often to empower women especially who cannot find the jobs for many such reasons. In urban area, women from lower level of the society though educated, also find it difficult to get the jobs. The profound impact of entrepreneurship development is seen not only in raising economic status of women but for personality and social status of women. Women entrepreneur is a person who accepts challenging role as well as competing phases to meet her personal needs and become economically independent.

A large number of women are entering into entrepreneurship in some form or the other. The drive to pursue entrepreneurship is due to the immense passion and certain compulsions. Entrepreneurs play an important role in the economic development of a nation. Women's skills, knowledge, talents, abilities and desire of to do something for themselves and their children or family are some of the reasons for the women to become entrepreneurs. According to World Bank, investing more in women enterprises rather is men reduces the inequalities and poverty and thereafter ensures the economic development of a nation. The government has also offered a variety of programmes for women entrepreneurs in the recent past.

A rich number of talent women entrepreneurs are forming today, as more women ready to leave corporate world to sketch their own destinies. They are coming out of flying colors as designers, beautician, interior decorators, exporters, garment manufactures and still exploring new avenues of economic participation. The main instrument of women empowerment is the women entrepreneurship development. Women are becoming more empowered personally and economically through business ownership.

## Objectives

- To identify the social problems faced by the women entrepreneurs.
- To examine the attitude of family as well as society towards women entrepreneurs.
- To suggest measures to promote women entrepreneurs.
- To familiarize the programmes endorsed by govt. of India and other institutions.

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# AUTOMATIC DETECTION OF BONE FRACTURE IN X-RAY IMAGES USING ENTROPY

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Abstract : The traditional way of scanning X-ray images are not efficient all the time and it requires expert's proposal for diagnosing. This proposed bone fracture detection algorithms are novel, easy, and effective for bone fracture detection in X-ray images. It automatically detects fracture & non-fracture in X-ray images. Efforts should be directed towards the development of new technologies for improving accuracy in diagnosing X-ray images following bone fractures. The proposed algorithm Entropy bone fracture detection (EBFD) effectively detects fracture in the X-ray images. Using this proposed algorithm surgeons are able to do their work with much perfection because it provides preprocessing to present clearer view of the X-ray images.

Keywords : X-ray images, Bone fracture, Image processing, fracture detection.

## Introduction

Normally human suffer from many diseases and the most common among them is bone fracture. In Bone fractures may break into pieces or there may be some crack