

CURRICULUM VITAE

Dr. N. S. Harinarayana



Designation	Associate Professor
Address for Communication	Department of Studies in Library and Information Science, University of Mysore, Manasagangotri, Mysore-570006
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Phone No	+91-821-2419393
Qualification	Ph.D, M.L.I.Sc., PGDCA
Area of Specialization	Library Automation, Metadata.

Experience

Associate Professor	University of Mysore, Mysore	23 - 2 - 2010
Reader	University of Mysore, Mysore	23 - 2 - 2007
Lecturer (Senior Scale)	University of Mysore, Mysore	19 - 7 - 2003
Lecturer	University of Mysore, Mysore	19 - 7 - 1999
Assistant Librarian (Senior Scale)	Indira Gandhi National Open University, New Delhi	15 - 7 - 1998
Assistant Librarian	Indira Gandhi National Open University, New Delhi	15 - 7 - 1993
Junior Information Officer	National Law School of India University, Bangalore	05 - 7 - 1992

Academic Distinctions

- B.N.Raju Memorial **Gold Medal** from University of Mysore, Mysore for securing first rank in B.L.I.Sc. examination of University of Mysore in 1986.
- **State award** from Directorate of Youth Services and sports, Govt. of Karnataka for securing first Rank in B.L.I.Sc examination of University of Mysore in 1986.
- Dr. S.R. Ranganathan Memorial **Gold Medal** from University of Mysore, Mysore, for securing First Rank in M.L.I.Sc examination of University of Mysore in 1987.
- **State award** from Directorate of Youth Services and Sports, Govt. of Karnataka for securing First Rank in M.L.I.Sc examination of University of Mysore in 1987.
- Awarded **UGC Research Fellowship** for conducting full-time research in Library and Information Science in 1988.
- Awarded a **Travelling Fellowship** by the Australian Research Council and Consortium of Australian Universities under the project "South Asia: Renovating National Collection" in 1998. Visited Australia under this program for 21 days.
- **2011 Emerald Indian LIS Research Fund Award:** Highly Commended under the research title of "Use of social network sites and its effect on students of engineering colleges in Mysore city: An exploratory study".
- **Served as the Private Secretary to the Vice-Chancellor**, University of Mysore, Mysore, from 9th May 2011 to 10th December 2012.
- **Nominated as the nodal officer** of the University of Mysore to communicate with media from 14th Nov 2011 to 10th December 2012.

Ph.D. Guidance

Candidate Name	Title	Status
Sudha S. T.	Reading habits of college students in Dakshina Kannada district: A study	Awarded in 2008
Sunil M.V.	An analytical study of open source software (OSS) for college libraries	Awarded in 2012
Vasanth Raju N.	Content analysis of Indian library web sites: A study	Awarded in 2011
Dhanukumar M. Pattasnashetti	A scientrometric study of mechanical engineering literature of Asia	Registered
Ashwini K.	Knowledge sharing among medical practitioners: A	Registered

	study	
Praveenkumar Vaidya	Social tagging for metadata enrichment in information retrieval: A study of Marine Science social tags	Registered
Manjunatha J.	Citation analysis of theses to assess library collection contribution for doctoral research: A case study at University of Mysore.	Registered
Pradeep P.	The availability and suitability of furniture in select Indian libraries with special emphasis on ergonomic and anthropometric considerations: An exploratory study	Registered
Mukund Rao J.	An assessment of the Internationality of Indian Science and Technology Journals	Registered
Raghu B.	Information sharing behavior among professionals in online forums in India: A study	Registered
Chandrappa	An assessment of cataloguing quality in University Libraries in Karnataka	Provisionally registered

M.Phil. Guidance

Candidate Name	Title	Year
Ankamurthy	Use of QR code in Libraries: An exploratory Study	2014
Vinay Patil P. M.	Choice and Recording of Names of Persons in AACR2 and RDA: A Comparative Study	2014
Abhilash D.	Reference accuracy in an Indian library science Journal: A study	2013
Harisha K. J.	A study of uncitedness in publication of faculty members of universities in Karnataka.	2013
Chandrashekar M. B.	Contribution of the collection of Mysore University Library to doctoral theses: A citation study.	2011
Arundhati B. L.	Developing a prototype for FRBR based database of Indian paintings.	2009
Umesha M. L.	Developing an Ontology for bibliographic data using Protégé tool	2009

MLISc. Project Guidance

Candidate Name	Title	Year
Anjum Kousar	Facebook messages, Lotka's law and posting productivity: A study.	2015
Jayaraju R.	An examination into accuracy of catalogue records of Management Institutions in India.	2015
Kumara	Kannada Hashtags in Twitter: An exploratory Study.	2015
Lubna Khanum	A comparative study of Metadata records of Mysore University Library and Library of Congress.	2013
Ravi H. N.	Integration of LibX with OPACs: A case study of Mysore University Library.	2013
Azadeh Soltani Torbati	Empirical examination of Lotka's law for Applied Mathematics	2011
Lokesha M.	Content analysis of Library & Information Science (LIS) student association websites.	2011
Muruli N.	Integrating a discovery layer to an open ILS: A case study of VuFind.	2011
Prakasha J. K.	Academic impact analysis of South Indian LIS faculty through Scholarometer.	2011
Swamy D.	Integrated library system: A case study of ABCD.	2010
Yashaswini S. Shetty.	Developing a digital library of Kannada manuscripts using Greenstone	2010
Mahamadsaba Mabusaba Kalebhagh.	Application of RSS in University Libraries: A study.	2009
Mohanchand S. M.	Web 2.0 features in library OPACs: A study.	2009
Siddegowda M.	E-recruitment for library and information professionals: An analysis of job opportunities in the Online Job Portals.	2009
Sunitha B.	An exploratory study on the use of Wikis in libraries.	2009
Chennakeshava B.	A case study of Integrated Library System-Evergreen.	2008

Munasar Ali Ahmed-Al-Subari	Reference management software: A case study of EndNote Software.	2007
Pradeep S.	Creation and development of a database of performing arts at Rangayana.	2007
Siddalingaswamy B.	Resource description of works of Art available at CAVA.	2007
Chaitra M.	Migration of collections between Digital Library Systems: A case study of Dspace and Greenstone.	2006
Mahadevaswamy M. C.	Indian contribution in for foreign periodicals of Library and Information Science: A study.	2006
Nagaveni M.	A study of metadata standards for the resource description.	2006
Pradeep P.	RSS based information services in libraries: A study.	2006
Raghavendra N.	Designing a referencing system using WINISIS	2006
Manjula S.	Technology competency among college librarians of Mysore city: A study.	2005
Manjunatha D. J.	Ranking of authors on digital libraries using CiteSeer data.	2005
Moly Sebastian	Use of Mysore University Library: A study.	2005
Sushant T. Yaragatti.	Internet resources in Kannada language: A survey.	2005
Umesha P.	Organising resources on the Web for a Theatre Art Institute: A case study of Rangayana.	2005
Namratha G. R.	Building digital library of summer reports using Greenstone software at SDM-IMD.	2004
Pradeep Kumar U. M.	Hyperlink analysis of Library and Information Science Journals.	2004
Priyanka B. S.	Design and development of bibliographic database in XML	2004
Shambhu	Information retrieval in selected Library Automation Software: A comparative study.	2004

Gangadharesha A. S.	Developing a metadata framework for Indian cultural heritage resources.	2003
RenuKumara	Use of internet based electronic information resources for scholarly communication by Mysore University Science faculty: A study.	2003

Information Management Dissertation Guidance

Candidate Name	Title	Year	Semester
Amrutha N.	Developing Ontology for bibliographic data.	2006	4 th
Amrutha N.	Compiling a web directory of Banks in India.	2005	2 nd
Ramya Prasad M. S.	Creating a digital library of scholarly publication of faculty members at University of Mysore.	2005	4 th
Ramya Prasad M. S.	Developing an interface for conversion of data from ISO2709 bibliographic format to a standard RDBMS.	2004	3 rd

Adjudication Ph.D. Theses of other universities

- Adjudicated the Ph.D. thesis submitted to University of Calicut by S. Mini. Thesis title: Excellence in Indian Science: A Scientrometric Analysis of the Achievements' of Shanti Swarup Bhatnagar Award Winners" dated 20/06/2013. Guide: Dr. Rosamma Joseph.
- Adjudicated the Ph.D. Thesis submitted to Bharatidasan University by T. Magudeeswaran. Thesis title: Customer relationship management in special libraries and information centres in Tamilnadu: A study. 2011. Guide: Dr. Ally Sornam
- Adjudicated the Ph.D. thesis entitled "Information needs, use pattern and use behavior of users in the women libraries in Kerala: An analytical study" dated 29.10.2011. Researcher: Nair Remadevi Appukuttan. Research Guide: Prof. G. Devarajan
- Adjudicated the Ph.D. thesis of the candidate A. Chitra Dhavaputhalvi on "A study on select library management software vendors in Tamilnadu with reference to their marketing strategies" dated 29.04.2011. Guide: Dr. Ally Sornam.

Membership in Professional Associations

- Life Member for Mysore University Information and Library Science Alumni Network (MILAN). Secretary during the period 2014-2015, EC member 2015-
- Life member for Indian Association for Teachers in Library and Information Science (IATLIS)
- Life and founder member of Mysore Librarians and Information Scientists Association. Treasurer during the period 2001- 2003; Joint Secretary during the period 2003-2009; Executive committee member for the period 2010-2013; Secretary during the period 2013-2015; EC member 2015-
- Life member of Academy of Information Science.
- Life member of Karnataka State Library Association (KALA)

Visit abroad

- Invited as a delegate to participate in the workshop "Open Digital Libraries and Interoperability" held at Arlington, VA, USA held during June 23-25, 2003. The workshop was organized by Virginia Tech and Old Dominion University, USA, University of Mysore and Indian Institute of Science, India). The workshop was sponsored by Indo-US Technology forum.
- Attended 5th International Conference on Asian Digital Libraries (ICADL 2002) held at Singapore from December 11th to 14th 2002. I was a joint author for the following paper which was presented during the conference. "A multilingual - multiscript database of Indian Theses: Implementation of Unicode at Vidyanidhi"
- Visited Australia from May 22nd 1998 to June 9th 1998 under a fellowship sponsored by Consortium of Australian Universities and Australian Research Council under the project "South Asia: Renovating National Collection". Visited libraries and participated in various meetings in Perth, Adelaide, Melbourne, Canberra and Sydney. Delivered following lectures:
 - a) Distance Education in India: A perspective. Lecture delivered at Curtin university of Technology, Perth on 23rd May 1998.
 - b) Library Services to distant learners in India. Lecture delivered at La Trobe University, Melbourne on 1st June 1998.

Visiting faculty

- 1 Invited as "**UGC Visiting Fellow**" by the Mangalore University from March 22-31, 2010 to deliver a few lectures to MLISc students.
- 2 Invited as guest faculty to deliver a series of lectures on "Library automation" from February 18 -22, 2008 to the MLISc students of **University of Madras**, Chennai.
- 3 Served as visiting faculty to teach E-commerce for **MAFM** Programme (II Semester) at Institute of Development Studies, University of Mysore, Mysore (2004, 2005, 2006)

- 4 Served as visiting faculty to teach DBMS for **M.Tech. in Building Automation**(II Semester), University of Mysore, Mysore (2004).
- 5 Invited as a guest faculty to deliver a series of lectures on "Informetrics" to MLISC Students of **Goa University** from 26th February to 2nd March, 2002.
- 6 Invited to deliver a series of special lectures on "Informetrics" to MLISC Students of **Goa University** from 10-17 March, 2001.

Resource Person/Participant at Refresher Courses

- 1 Attended the 1st Refresher Course in Information Technology from 20-2.2007 to 12.03.07
- 2 Attended the Tenth Refresher Course (Mysore, Dec. 2-23, 1999) as a participant. Organized by Department of studies in Library & Information Science and Academic Staff College, University of Mysore, Mysore. Presented a paper entitled "Prospects for IT applications in academic libraries"

Journal Articles

1. Harinarayana, N.S. (2014). Resource description (editorial). *SRELS Journal of Information Management*, 51(2), 75-76. (ISBN- 0972-2467)
2. Ashwini, K., and Harinarayana, N.S. (2014). Knowledge management: the contributing process and literature analysis. *Kelpro Bulletin*, 18(1), June 2014. (ISSN- 0975-4911)
3. Harinarayana, N. S., & Vasantha Raju, N. (2013). Current trends in webometrics research. *SRELS Journal of Information Management*, 50(5), 657-665.
4. Harinarayana, N. S., & Vasantha Raju, N. (2012). Citation analysis of publications of LIS teachers in South India. *Information Studies*, 18(3), 143-161.
5. Harinarayana, N. S., & Vasantha Raju, N., & Chikkamanju, (2012). A study of citation accuracy in psychology theses submitted to the University of Mysore. *Annals of Library and Information Studies*, 58(4), 326-335.
6. Sunil, M. V., & Harinarayana, N. S. (2012). Open source software and libraries: A literature review. *KELPRO Bulletin*, 16(1).
7. Sunil, M. V., & Harinarayana, N. S. (2011). Evaluating OSILS products for Indian college libraries. *SRELS – Journal of Information Management*, 48(5), 471-490.
8. Harinarayana, N. S., & Vasantha Raju, N. (2010). Web 2.0 features in university library web sites. *The Electronic Library*, 28(1), 69-88.

9. Chandrashekarai, M., Mulla, K. R., & Harinarayana, N. S. (2010). Bibliometric analysis of literature published in emerald publications on digital libraries. *International Journal of Library Science*, 1(J10), 20-29.
10. Harinarayana, N. S., & Vasantha Raju, N. (2009). Citation analysis of SRR's works: A look through the window of Google scholar. *Information Studies*, 15(3), 165-178.
11. Mallinath Kumbar., & Harinarayana, N. S. (2009). Growth of library and information science research in India during 1957-2007: A study. *SALIS Journal of Library and Information Science*, 1(2), 18-23.
12. Sudha, S. T., & Harinarayana, N. S. (2009). Role of teachers in promoting reading habits of professional and non professional college students: A study. *SRELS Journal of Information Management*, 46(4), 403-412.
13. Harinarayana, N. S., & Raghavan, K. S. (2008). Retrieval capabilities of CDS/ISIS and LibSys: a comparison. *Annals of library and information studies*, 55(2), 91-100.
14. Harinarayana, N. S., & Vasantha, R. N. (2008). Indian author productivity in international journals in library and information science: A study. *SRELS Journal of Information Management*, 45(4), 399-410.
15. Harinarayana, N. S., Vasantha Raju, N., & Shivakumaraswamy, K. N. (2008). Measuring the effectiveness of library services of select college libraries in Mysore city from user perspective. *IASLIC Bulletin*, 53(2), 71-81.
16. Sudha, S. T., & Harinarayana, N. S. (2008). Problems faced in the libraries and suggestions to improve reading habits: A case study of Dakshina Kannada District. *Pearl: A Journal of Library and Information Science*, 2(2), 53-56.
17. Sudha, S. T., & Harinarayana, N. S. (2008). Role of library in promoting reading habits of professional and non professional college students: A survey. *Information Studies*, 14(4), 235-248.
18. Sudha, S. T., & Harinarayana, N. S. (2008). Reading skills: prospects, issues and challenges. *SRELS Journal of Information Management*, 45(1), 101-110.
19. Vasantha Raju, N., & Harinarayana, N. S. (2008). An analysis of usability features of library web sites. *Annals of Library and Information Studies*, 55(2), 111-122.
20. Sudha, S. T., & Harinarayana, N. S. (2007). Reading habits of newspapers and magazines among students of urban and rural areas: a case study of Dakshina Kannada districts. *Asian Pacific Review of Rural and Tribal issues*, 1(1), 29-34.
21. Harinarayana, N. S., & Vasantha Raju, N. (2007). E-recruitment for library and information science professionals: A study of careerage. com job Portal. *Pearl: A Journal of Library and Information Science*, 1(1), 44-51.

22. Harinarayana, N. S., Mallinath Kumbar., & Pradeep, P. (2007). RSS based information services in libraries: A study. *Library Herald*, 45(2), 130-139.
23. Vasantha Raju, N. and Harinarayana, N. S. (2006). Website content analysis: A review. *KELPRO Bulletin*, 10(2), 71-83.
24. Mallinath Kumbar., Harinarayana, N. S., & Tejaswini, T. (2005). Authorship trend and collaborative research in agricultural sciences. *IASLIC Bulletin*, 50(4), 241.
25. Harinarayana, N. S. (1997). Acquisitions through libsys: An experience. *Library Science with a Slant to Documentation and Information Studies*, 34(4), 163-172.
26. Harinarayana, N. S. (1997). Academic librarianship and research: A response. *University News*, 30(22).
27. Harinarayana, N. S., & Nalini, K. R. (1994). Changing dimensions of libraries and their implications to library science education in India. *Herald of library science*, 33 (1-2), 11-18.
28. Harinarayana, N. S. (1991). Concept of library automation. *Herald of library science*, 30(3-4), 174-184.
29. Harinarayana, N. S., & Shalini, R. (1989). A micro-computer based circulation system for an university library. *Library Science with slant to Documentation*. 26(3), 217-227.
30. ಹರಿನಾರಾಯಣ, ಎನ್. ಎಸ್. (2001) . ಗ್ರಂಥಾಲಯ ಕಂಪ್ಯೂಟರೀಕರಣದ ಯೋಜನೆ. ಗ್ರಂಥಾಲಯ ವಿಜ್ಞಾನ, 1(1), 13-18.
31. ಹರಿನಾರಾಯಣ, ಎನ್. ಎಸ್. (1990). ಭಾರತದಲ್ಲಿ ಗ್ರಂಥಾಲಯ ವಿಜ್ಞಾನ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳು. ಗ್ರಂಥಾಮೃತ. ಸಂಪಾದಕರು: ಡಿ. ಜವರೇಗೌಡ. ಮೈಸೂರು, ನಗರ ಗ್ರಂಥಾಲಯ ಪ್ರಾಧಿಕಾರ,.207-225.
32. ಹರಿನಾರಾಯಣ, ಎನ್. ಎಸ್. & ನಾಗರಾಜ, ಎಸ್. (1990). ಗ್ರಂಥಾಲಯ ಗಣಕೀಕರಣ. ಕರ್ನಾಟಕ ಗ್ರಂಥಾಲಯ, 20(3-4).
33. ಹರಿನಾರಾಯಣ, ಎನ್. ಎಸ್. (1990). ಶೃಂಖಲ ವಿಧಾನದಿಂದ ವಿಷಯ ನಿರ್ದೇಶಿಕರಣ. ಕರ್ನಾಟಕ ಗ್ರಂಥಾಲಯ, 18(1).

Book Published

1. Sunil, M. V., & Harinarayana, N. S. (2013). *Open Source Library Automation Software: Features and Capabilities*. Germany: Lambert Academic Publishing. [ISBN 10: 3659179833; ISBN-13: 978-3659179839]

Books edited

1. Prabhakara, K. V., Harinarayana, N. S., Sunil M. V., Vasantha Raju, N., & Veena, M. (2014). *Social Media and Libraries*. Mysore: SBRR Mahajana First Grade College and Mysore Librarians and Information Scientists Association (MyLISA), Mysore. [978-81-928920-1-6]. UGC sponsored 2-Day National conference on social media and libraries, December 4 & 5, 2014, SBRR Mahajana First Grade College, Mysore.
2. Harinarayana, N. S., Sunil, M. V., & Rukminamma, P. (2013). *Twigging facets of e-resources in libraries*. Mysore: Teresian College and Shri Dharmasthala Manjunatheshwara Institute for Management Development (SDMIMD). [ISBN: 978-93-83302-00-0]
3. Harinarayana, N. S., Sunil, M. V., & Rukminamma, P. (2013). *Emerging trends in e-resource management and services in college libraries*. Mysore: Teresian College and Shri Dharmasthala Manjunatheshwara Institute for Management Development (SDMIMD). [978-93-83302-01-07]. UGC sponsored 2-Day National Seminar on Emerging trends in e-resource management and services, September 27 & 28, 2013, Teresian College, Mysore.
4. Harinarayana, N. S., & Vasantha Raju, N. (2012). Prof. B. Ramesh Babu as seen through Google Scholar. Dynamics of Librarianship in the Knowledge Society: Festschrift in Honour of Prof. Ramesh Babu. Delhi: B. R. Publishing Corporation, 2012.
5. Harinarayana, N. S., Madhu K. S., and Sunil M. V. (2011). Interfacing 'discovery layer' on to an OPAC: A case study. Electronic age librarianship edited by Dilip K. Swain and K.C. Panda. New Delhi: Ane Books Pvt. Ltd.
6. Harinarayana, N. S., & Sunil, M. V. (2011). Intuitiveness in Integrated Library Systems. Managing Library and Information Center edited by Sunil Kumar Sathpathy.
7. Harinarayana, N. S., Kemparaju, T. D., Mallinath Kumbar., Sunil, M. V., Siddalingaswamy, M. C. & Udayashankar, S. P. (2011). *Managing College Libraries: Issues and Trends*. Mysore: JSS College for Arts, Commerce & Science (Autonomous) and Mysore Library & Information Scientists Association (MyLISA). [ISBN: 978-81-910145-2-5]. UGC sponsored 2-Day National conference on managing academic libraries: issues and trends, December 16 & 17, 2011, JSS Arts, Commerce and Science College, Ooty Road, Mysore.
8. Lalitha Aswath., Harinarayana, N. S., Umadevi, H. S. & Sunil, M. V. (2010). *Web-based Library Services*. Mysore: JSS Mahavidhyapeeta and SDM Institute for Management Development (SDMIMD). [ISBN: 978-81-91014-50-1]. UGC sponsored 2-Day national seminar on Web-based Library Services, March 5-6, 2010, JSS College for Women, Mysore.

9. Talawar, V. G., & Harinarayana, N. S. (2008). *The Confluence of Web 2.0 and the Library Paradigm*. Mysore: Department of Library and Information Science. UGC SAP sponsored 2 Day National Conference on Library 2.0, August 21-22, 2008, Department of Library and Information Science, University of Mysore, Manasagangothri, Mysore.
10. Harinarayana, N. S., & Sunil, M. V. (2007). Course manual for in-service course for librarians. Mysore: Zonal Institute for Education and Training, Kendriya Vidhyalaya Sangathan, and Mysore: SDM Institute for Management Development (SDMIMD).
11. Harinarayana, N. S., Malathi Sriram., & Sunil M. V. (2004). Managing school libraries in digital era: course manual. Mysore: Zonal Institute for Education and Training, Kendriya Vidhyalaya Sangathan, and Mysore: SDM Institute for Management Development (SDMIMD).
12. Harinarayana, N. S., Sunil M. V., and Namratha, G. R. (2004). Digitization of project reports: an experience with GSDL. Organizing, processing and use of information in the digital era: Prof. M. Parameswaran Festschrift Edited by: V. Jalaja, M.C.K. Veeran and Dineshan. New Delhi: Ess Ess Publication.
13. Catalogue of IGNOU course materials: Print, Audio and Video. 3rd revised and enlarged edition. New Delhi: Indira Gandhi National Open University, 1994.

Articles in edited Books

1. Can cloud computing help for Government Colleges to automate their libraries? A point of view. With Vasantharaju, N. In: *Emerging Technologies and future of libraries: Issues and Challenges*. Edited by Ganapathi Z. Shinde., Mallikarjun Angadi., Suresh Jange., and Parashuram S. Kattimani. New Delhi: Daya Publishing House, 2015. ISBN-978-93-5124-610-7, 978-93-5130-653-5
2. Current trends in Webometrics research. With Vasantharaju, N. In *Scientometrics*. Edited by Ravichandra Rao, I. K., and Neelameghan, A. New Delhi: ESS ESS Publications, 2014. ISBN – 978-81-7000-717-3

Paper Published in Proceedings of the International Conferences

1. Harinarayana, N. S., Kumara., & Umesh, M. L. (2015). *Assessing the tagging behavior of kannadigas: A study of hash tags in Twitter*. MyDLIS 50 Golden Jubilee Summit and International Conference on “Information Unbounded: The past, the present, and the future of Information Sciences” organized by Department of Library and Information Science, University of Mysore, Mysore (MyDLIS) in association with Mysore University Information and Library Science Alumni Association (MILAN) during June 18-20, 2015; Mysore. (ISBN- 978-81-92121-77-2)

2. Praveenkumar Vaidya., Chandrappa., & Harinarayana, N. S. (2015). *Contrasting User Generated Tags with Controlled Vocabularies: A Case Study of Library Thing Tags with Library of Congress Subject Headings*. MyDLIS 50 Golden Jubilee Summit and International Conference on “Information Unbounded: The past, the present, and the future of Information Sciences” organized by Department of Library and Information Science, University of Mysore, Mysore (MyDLIS) in association with Mysore University Information and Library Science Alumni Association (MILAN) during June 18-20, 2015; Mysore. 36-46. (ISBN- 978-81-92121-77-2)
3. Vasanth raju, N., and Harinarayana, N.S. (2015). *Can cloud computing help for Government colleges to automate their libraries: a point of view*. International Conference on “Emerging Technologies and Future of Libraries: Issues and Challenges”, Organized by Karnataka State SC/ST Library Professional Association, Bangalore at 30th & 31st January 2015. Gulbarga: Gulbarga University.
4. Ashwini, K., and Harinarayana, N. S. (2013). *Knowledge Management: the contributing process and literature*. International Conference on Knowledge Modeling and Knowledge Management, November 20-21, 2013. Bangalore: Documentation Research and Training Centre (DRTC), Indian Statistical Institute.
5. Harinarayana, N. S., & Sunil, M. V. (2013). *Developments in Open Source Software for Libraries with Special Reference to OSLIS: A Literature Study*. International conference on “Open Access – Scholarly Communication Reincarnated: A Futuristic Approach”, August 19 & 20, 2013. Bangalore: Korea Institute of Science and Technology Information (KISTI), Korea; Department of Library and Information Science, Bangalore University, Bangalore; and, Indian Library Association (ILA), Delhi.
6. Praveen Kumar, Vaidya., & Harinarayana, N. S. (2013). *Linked data as an element to support resource discovery: The need for harmonization of metadata standards*. 9th International CALIBER 2013, Library vision 2020: Moving towards the future, March 21-23, 2013 (pp. 23-32). Gandhinagar, Gujarat: INFLIBNET Centre.
7. Sunil, M. V., Harinarayana, N. S., and Mallinath Kumbar, (2012). Stock verification as a base for effective collection development: a case study of SDMIMD, Mysore. Collection development in the digital environment Edited by: B. Ramesh Babu and et.al. International conference on collection development in the digital environment, June 29 & 30, 2012. Chennai: Madras University Library. 645-650p.
8. Vasantha Raju, N., and Harinarayana, N. S. (2011). *Identifying the location of web objects: A study of library websites*. 8th International CALIBER-2011, March 2-4, 2011, Goa: Goa University, 28-39.

9. Harinarayana, N. S. (2010). *Principles of digital libraries*. First International Conference LIBER 2010 on Information Management: envision the future libraries held on 7-8 October 2010, Ambilikkai, Dindigul District, Tamil Nadu: Department of Library and Information Science, Rev. Jacob Memorial Christian College.
10. Dhanukumar, M. P., and Harinarayana, N. S. (2010). *Predicting obsolescence using square cube law*. In: Sixth International Conference on Webometrics, Informetrics and Scientometrics & Eleventh COLLNET Meeting, October 19 – 22, 2010, Mysore: University of Mysore.
11. Mallinath Kumbar., Harinarayana, N. S., and Ashwini, H. S. (2010). *Bibliometric analysis of vikalpa: the journal for decision makers*. In: Sixth International Conference on Webometrics, Informetrics and Scientometrics & Eleventh COLLNET Meeting, October 19 – 22, 2010, Mysore: University of Mysore.
12. Vasantha Raju, N., and Harinarayana, N. S. (2010). *Looking at the Indian academic library web sites: A content analysis approach*. In: Sixth International Conference on Webometrics, Informetrics and Scientometrics & Eleventh COLLNET Meeting, October 19 – 22, 2010, Mysore: University of Mysore.
13. Harinarayana, N. S., Somu, C. S. and Sunil, M. V. (2009). *Digital Rights Management in Digital libraries: an introduction to technology, effects and the available open Source tools*. 7th International CALIBER 2009 – E-Content Management: challenges and strategies, February 25-27. Puducherry: Pondicherry University and INFLIBNET. 455-462p.
14. Sudha, S. T., & Harinarayana, N. S. (2008). *Use of e-resources in academic environment by college students: a study*. In: Proceedings of the International Conference on Knowledge Networking in ICT era. Organised by B.S. Abdur Rahman Crescent Engineering College and Society for Advancement of Library and Information Science (SALIS). Chennai, 22-24 January 2009.
15. Sudha, S. T., & Harinarayana, N. S. (2008). *Use of information resources by professional and non-professional college students: a study*. In: Emerging Trends and Technologies in Libraries and Information Services (ETTLIS). Edited by Sanjay Kataria, B.S. Nigam, and Rama Kant Shukla. New Delhi: KBD Publications, 615-629.
16. Harinaryana, N. S., Mallinath Kumbar., and Sunil M. V. (2006). *Content syndication: a new solution to the old problem*. CALIBER 2006 - 4th International Convention, February 2 to 4. Gulbarga: Gulbarga University. 239-241p.
17. Sunil, M.V., & Harinarayana, N.S. (2004). *Creation of a photo gallery using Greenstone: issues and experiences*. International Conference on Digital Libraries, February 23 to 27. New Delhi: Tata Energy Research Institute (TERI).

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Papers Published in Proceedings of the National Conferences

1. Harinarayana, N. S., Sunil, M. V., & Veena, M. (2014). Application of social media for library services. UGC Sponsored two day National Conference on "Social Media and Libraries" 4th & 5th December 2014. Mysore: SBRR Mahajana First Grade College in association with Mysore Librarians and Information Scientist Association(MyLISA), Mysore (ISBN- 978-81-928920-1-6)
2. Harinarayana, N. S., and Manjunatha, J. (2014). *BIBFRAME: A new standard*. One day National Seminar on "Comprehensive Resource Management in Libraries", edited by Bankapur, V. M. August 15th, 2014. Belgavi : DLISc, Rani Channamma University, 2014. (ISBN: 978-81-929530-0-7)
3. Harinarayana, N. S., and Manjunatha, J. (2014). *BIBFRAME: The digital shift in resource description*. National Conference on "Contemporary Engineering College Libraries: Challenges and Prospects", January 10-11, 2014. Tiptur: Kalpataru Institute of Technology in association with AKELPA and KALA, Bangalore.
4. Sunil, M. V., Harinarayana, N. S., & Mallinath Kumbar, (2014). *User perception towards QR code for libraries*. A two day National Level Conference on Democratization of Information Using ICT: Role of Libraries for Enlightenment, January, 24 & 25th, 2013 (pp. 684-695). *Mangalore: Department of Library and Information Science, Mangalore University* in associated with Karnataka State SC/ST Library Professionals Association.
5. Harinarayana, N. S., and Manjunatha, J. (2013). Current trends in metadata standards. National Conference on "Redefining Libraries in Electronic Age", November 29-30, 2013. Belgaum: Visvesvaraya Technological University. 312-317.
6. Harinarayana, N. S., Manjunatha, J., and Vasantha Raju, N. (2013). *Diligence of metadata in Indian Institutional Repositories: A preliminary assessment*. 16th National Convention on Knowledge, Library and Information Networking Emerging Technologies and Innovations in Library Practices, December 10-12, 2013. Jaipur : DELNET, New Delhi.
7. Harinarayana, N. S., and Sunil, M. V. (2013). *Teaching library science through case studies*. 2nd SoFerence - Social Conference on Failures, Learning's and Success Stories in Library & Information Science, October 19 & 20, 2013, Bangalore: Tata Consultancy Services (TCS) and Karnataka State Library Association (KALA).
8. Sunil, M. V., and Harinarayana, N. S. (2013). *Marketing of e-resources in academic environment: Tools and techniques*. National Conference on Information Products and Services in the E-environment, April 27 & 28, 2013. Tirupathi: Department of Library and Information Science, Sri Venkateswara University.

9. Mallinath Kumbar., Harinarayana, N. S., and Sunil, M. V. (2012). *Scientometric Portrait of H.S. Yathirajan*. National Conference on Scientometrics, September 07, 2012, Tumkur: Department of Studies and Research in Library and Information Science, Tumkur University. 258-278.
10. Sudha, S. T., Harinarayana, N. S., and Suresh, Jange., Tressy, Menezes. (2012). *Knowledge management and role of librarians: A study*. 57th All India Library Conference of Indian Library Association on the theme "Knowledge society: Innovations in Librarianship (ILAKSIL 2012)", February 23-25, 2012. Bendore, Mangalore: St. Agnes Collegen(Autonomous).
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12. Sunil, M. V., Harinarayana, N. S., Mallinath Kumbar., & Poornima, H. N. (2012). *Initiatives in igniting minds: success stories of children libraries*. National conference on 'Reinventing and restructuring of public library system in India', July 28, 2012. Bangalore: Karnataka State SC/ST Library Professionals Association, Department of Public Libraries and Bangalore University Library.
13. Sunil, M. V., Deepak Chandrashekar., and Harinarayana, N. S. (2012). The status of higher secondary school libraries in Mysore district: a Study. National conference on Libraries and development: present and future, June 7 to 9. Shravanabelagola: Karnataka State Library Association (KALA), Bangalore.
14. Vasantha Raju, N., and Harinarayana, N. S. (2012). *Government college libraries: present status and future perspectives*. National Conference on Empowering Libraries of Life Long Learning Skills, Gulbarga: Gulbarga Library Association.
15. Vasantha Raju, N., Harinarayana, N. S., and Sunil, M. V. (2012). *Research productivity of Prof. S.C. Sharma as seen through the Web of Science (WoS)*. National Conference on Scientometrics, September 7, 2012. Tumkur: Department of Library and Information Science, Tumkur Univeristy and Institute of Scientometrics.
16. Sudha, S. T., & Harinarayana, N. S. (2011). *Role of library and librarians of colleges in Dakshina Kannada district: a study*. National Conference on Managing College Libraries: Issues and Trends, December 16 & 17, 2011. Mysore: JSS College of Arts, Commerce & Sciences (Autonomous), Ooty Road, Mysore in collaboration with Mysore Librarians and Information Scientists Association (MyLISA), Mysore.

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18. Sunil, M. V., Mallinath Kumbar., & Harinarayana, N. S. (2011). *Collaborative effort in B-school information literacy program: a case study of SDMIMD, Mysore*. National conference on Information Literacy competencies for Higher Learning and Research, October 21-22. Tumkur: Tumkur University. 145-150.
19. Sunitha, B., & Harinarayana, N. S. (2010). *An exploratory study on the use of wikis in libraries*. Web based Library Services. Edited by Lalitha Aswath et al. Mysore, JSS College for Women (Autonomous), 2010. 77-88.
20. Sudha, S. T., & Harinarayana, N. S. (2010). *Librarian's task in improving reading practices of youngsters through e-resources: a study*. UGC sponsored national level conference proceedings of Empowering Library Professionals in Managing Digital Resources and Providing Extension Activities. Edited by Kaisar Muneebulla Khan, V. Gopa Kumar and B.K. Vishala. Organised by Library and Information Centre, St. Agnes College (Autonomous), Mangalore during January 18-19, 2010. pp 366-376.
21. Harinarayana, N. S., Vasantha Raju N., & Mallinath Kumbar, (2009). From street campaign to online campaign: Indian national political party web sites. National Conference on "Information technology and its applications". Organized by Centre for Information Science and Technology in Collaboration with Department of Studies in Computer Science. University of Mysore, Mysore. November 21-22, 2009.
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23. Sudha, S. T., & Harinarayana, N. S. (2008). *Use of e-resources in academic environment by college students: a study*. Paper presented at two-day national seminar organised by Department of Library and Information Centre, NMAMIT, Nitte. September, 11-12, 2008.
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28. Harinarayana, N. S., & Gangdharesha, S. (2005). *Metadata Standards Available for Cataloguing Indian Manuscripts: Comparative Study*. Recent Advances in Information Technology (READIT-2005), July 14-15, 2005. Kalpakkam: Madras Library Association and Indira Gandhi Centre for Atomic Research, 259-270.

29. Sunil, M. V., & Harinarayana, N. S. (2005). *Organizing for digital archiving: a network model at SDMIMD*. MANLIBNET 2005 – 7th Annual National Convention on Digital Libraries in Knowledge Management: Opportunities for Management Libraries, Organized by Management Libraries Network, New Delhi and Indian Institute of Management.

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31. Multilingual and multi-script issues. AICTE-ISTE short term training programme on "Digital library and management of digital resources". November 5-16, 2002. Compiled by M.K. Mohandas and S. Muddu Moolya. Srinivasanagar, National Institute of Technology Karnataka, 2002. pp. HAR 1-13.

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34. Navalgund, C., & Harinarayana, N. S. (1992). *Adoption of common communication format for a legal bibliographic information system: an experience at the national law school of India University*. In library and information technology, in pursuit of excellence: seminar papers (p. 142). Indian library association.

35. Harinarayana, N. S. (1990). *Impact of technology on the changing role of librarians. In Status and Authority of Library Profession in Library Management: Papers Presented at the 14th National Seminar of IASLIC, November 14-17, 1990. Mysore: IASLIC. 33p.*
36. Harinarayana, N. S. (1989). *Evaluation of automated house-keeping activities in libraries. In: National Seminar on Modernization of Library Services in University Libraries (Mysore, Sept. 22-23, 1989). Papers & Proceedings, Mysore, Mysore University Library & Others, 1989, p.137-145.*
37. Harinarayana, N. S., & Urs, Shalini R. (1989). *Automated Serials Management System: Contemporary solutions to a conventional problem. In: National Seminar on Modernization of Library Services in University Libraries (Mysore, Sept. 22-23, 1989). Papers & Proceedings, Mysore, Mysore University Library & Others, 1989, 34-43.*

Self Instructional Materials

1. Content Analysis and Management. Course-V. Block- 1 to 5 of PGDLAN programme of Directorate of Distance Education, Annamalai University. Annamalainagar (Tamil Nadu): Annamalai University, 2004.
2. Computers and their components. SIM Unit. MLI -001 Unit 1 of PGDLAN programme of IGNOU. New Delhi, IGNOU, 2004. pp. 5-28.
3. Elements of data communication. SIM Unit. MLI -001 Unit 2 of PGDLAN programme of IGNOU. New Delhi, IGNOU, 2004. pp. 29-46.
4. Storage media. SIM Unit. MLI -001 Unit 3 of PGDLAN programme of IGNOU. New Delhi, IGNOU, 2004. pp. 47-65.
5. Need for computerization of libraries. SIM Unit. MLI -001 Unit 4 of PGDLAN programme of IGNOU. New Delhi, IGNOU, 2004. pp. 66-80.
6. Data, Information, and Knowledge: Concepts & Definitions. SIM Unit. BLIS -01 Block-01 Unit-4 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp. 93 - 119.
7. Dewey Decimal Classification. SIM Unit. BLIS -03 Block-04 Unit-12 of BLIS programme of KSOU. Mysore, KSOU, 2001. 1-19
8. Notation -Types and Qualities. SIM Unit. BLIS -03 Block-03 Unit-8 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp.1-18.
9. Cannons for Notation. SIM Unit. BLIS -03 Block-03 Unit-9 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp.19-36.
10. Developments of Catalogue Codes. SIM Unit. BLIS -04 Block-02 Unit-6 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp. 1-24.
11. Computer Software and Programming languages. SIM Unit. BLIS -06 Block-02 Unit-4 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp. 1-20.
12. Dewey Decimal Classification (Edition 21): An overview. SIM Unit. BLIS -01 Block-01 Unit-01 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp. 1-34.

13. Number building in decimal classification. SIM Unit. BLIS -01 Block-01 Unit-02 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp. 35-78.
14. Relative index and its structure. SIM Unit. BLIS -01 Block-01 Unit-03 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp. 79- .
15. Introduction to tables in DDC: Table 1 and Table 2. SIM Unit. BLIS -01 Block-02 Unit-04 of BLIS programme of KSOU. Mysore, KSOU, 2001.
16. Introduction to tables in DDC: Table 3 to Table 7. SIM Unit. BLIS -01 Block-02 Unit-05 of BLIS programme of KSOU. Mysore, KSOU, 2001. pp.
17. Basic Concepts and Contours of Computer-based Information Systems. SIM Unit. BLIS -07 Block-04 Unit 10 of BLS programme of IGNOU. New Delhi, IGNOU, 2000.
18. Library housekeeping operations. SIM Unit. BLIS-07 Block-03 Unit 8 of BLS programme of IGNOU. New Delhi, IGNOU, 2000.
19. Features of Indian Software Packages. SIM Unit. BLIS -07 Block-02 Unit 7 of BLS programme of IGNOU. New Delhi, IGNOU, 2000.
20. Regional and city network of libraries and their importance. with Pravakar Rath. Unit 16 of MLS Programme of IGNOU. New Delhi, IGNOU 2000

Sponsored Projects

1. UGC-SAP-DRS-II Programme
Constitution of Advisory Committee for implementation of UGC-SAP-DRS-II Programme at the Department of Studies in Library and Information Science, Mysore.
Role: Deputy Co-ordinator & Member
2. "Technical Processing and Computerization of ISEC Library".
Role: **Co-ordinator**. Sponsor: Institute for Social and Economic Change, Nagarbhavi, Bangalore 560 072 . July 1 to December 31, 2001.
Grant Amount: Rs. **2, 35, 000**
3. Mysore University Library Automation Project (MULAP).
Role: **Co-ordinator**. Sponsor: University of Mysore. 2002-2004.
Grant Amount: Rs. **5,50,000**
Website: <http://192.168.1.200>
4. Rangayana Library Automation Project.
Role: **Principal Co-ordinator**. Sponsor: Rangayana. 2003
Grant Amount: Rs. **30,000**

5. Cataloguing Cultural Objects: Creating a database of Kannada language manuscripts available at Kuvempu Institute of Kannada Studies
Role: Principal Investigator. Sponsor: University of Mysore under Minor Research Projects Schemes for the year 2006-2007.
Grant Amount: Rs. **85,000**
6. Computerization of CAVA Library
Role: Principal Coordinator. Sponsor: Chamarajendra Academy For Visual Arts.
Grant Amount: Rs. **58,300**

Invited Lectures/Talks

Sl. No.	Date	Program/Invited by	Topics
1.	10/07/2015 to 11/07/2015	Karantaka State Women's University, Vijayapura. Workshop on 'Research methodology and statistical analysis' held during July 2-14, 2015 organized by SC/ST Cell in Joint Collaboration with Department of Library and Information Science, and Internal Quality and Assessment Cell (IQAC) of the KSWU, Vijayapura.	<ul style="list-style-type: none"> • Review of literature • Bibliometrics as a method of research
2.	19/01/2015	Regional Institute of Education, Mysore. Training Programme: Capacity building of SCERT, DIET and School librarians to modernize the library during 19th to 23rd January 2015	<ul style="list-style-type: none"> • Library automation
3.	15/11/2014	Kalpataru Institute of Technology, Tiptur. National Library Week- November, 2014	<ul style="list-style-type: none"> • Review of Literature
4.	9/11/2014	Kendriya Vidyalaya Sangathan, Mysore	<ul style="list-style-type: none"> • Current trends in metadata standards
5.	25/10/2014	The Kerala State Higher Education Council, Thiruvananthapuram, Kerala	<ul style="list-style-type: none"> • Research Indicators and Academic Performance
6.	29/09/2014 to 30/09/2014	Regional Institute of Education, Mysore. Training Programme: Capacity building of SCERT, DIET and School librarians to modernize the library during 29th to 30th September 2014	<ul style="list-style-type: none"> • Library automation

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| 7. | 11/9/2014 | UGC-Academic Staff College, University of Mysore, Mysore.

21st Refresher Course in Library and Information Science held from 11th September to 1st October 2014. | <ul style="list-style-type: none"> • Re-imagining metadata |
| 8. | 18/07/2014
to
19/07/2014 | Sri Jayachamarajendra College of Engineering, Mysore

Lecture delivered for the participants of the program "Faculty Development Program" | <ul style="list-style-type: none"> • Quality in Research |
| 9. | 3/3/2014 | St. Philomena's College, Bannimantap, Mysore | <ul style="list-style-type: none"> • Review of Literature for Research |
| 10. | 1/3/2014 | JSS College for Women, Saraswathipuram, Mysore | <ul style="list-style-type: none"> • Gathering and Organising Resources for Literature Review |
| 11. | 27/01/2014 to
28/01/2014 | UGC-Academic Staff College, Goa University, Goa.

13th January to 5th of February 2014. | <ul style="list-style-type: none"> • The digital revolution and librarianship: Are we adapting or complacent? |
| 12. | 21/01/2014 | UGC-Academic Staff College, University of Calicut.

UGC sponsored 7th Refresher Course in Library and Information Science held from 02/01/2014 to 22/01/2014. | <ul style="list-style-type: none"> • Current trends in Metadata |
| 13. | 9/11/2013 | Kendriya Vidyalaya Sangathan, Mysore

21 day in-service course librarians for held from 06/11/2013 to 26/11/2013 | <ul style="list-style-type: none"> • Current trends in Metadata Standards |
| 14. | 21/09/2013 | MMK & SDM Mahila Mahavidyalaya, Krishnamurthyapuram, Mysore | <ul style="list-style-type: none"> • Library usage to maximize knowledge |
| 15. | 31/08/2013 | St. Philomena's College, Bannimantap, Mysore.

UGC sponsored state level workshop on "Moving towards e-Education using Open Source Software". | <ul style="list-style-type: none"> • Online tools for Research Activities |
| 16. | 17/04/2013 | UGC-Academic Staff College, Karnatak University, Dharwad

17th April, 2013 in Refresher Course in Library and Information Science | <ul style="list-style-type: none"> • Tools for Bibliometric studies • The art of Referencing |
| 17. | 14/03/2013 | Library and Information Centre, P. E. S. College of Engineering , Mandya

3 day Faculty Development Program on Libray Automation And E-Resources Management (LAERM) held from 14th to 16th March 2013. | <ul style="list-style-type: none"> • Knowledge Society: Innovations & Trends in Library Services |

18.	29/06/2012	UGC-Academic Staff College, University of Mysore, Mysore 96th Orientation Programme held from 22.06.2012 to 19.07.2012.	<ul style="list-style-type: none"> • Referencing in Research Publications
19.	1/3/2012	Department of Library and Information Science, Karnatak University, Dharwad. Four day National Workshop on "Statistical Methods for Science Communication Science" Under UGC/SAP from 27th February to 1st March 2012	<ul style="list-style-type: none"> • Using Google Scholar as a data source for Bibliometric Studies
20.	23/05/2011 & 24/05/2011	UGC-Academic Staff College, University of Mysore, Mysore Six days Training Programme on "Research Methodology" organized by the University of Mysore Research Scholars, held on 23-28 May 2011.	<ul style="list-style-type: none"> • Literature Review and Preparing Bibliography
21.	17/05/2011	UGC-Academic Staff College, University of Kerala, Thiruvanthapuram XVI Refresher Course in Library and Information Science held from 04/05/2011 to 25/05/2011.	<ul style="list-style-type: none"> • Metadata standards
22.	12/04/2011 & 13/04/2011	UGC-Academic Staff College, Goa University, Goa. Refresher Course in Library and Information Science from 30/03/2011 to 20/04/2011.	<ul style="list-style-type: none"> • Open Access Resources
23.	17/03/2011 & 18/03/2011	Department of Library and Information Science, Kuvempu University, Shimoga	<ul style="list-style-type: none"> • Resource person for one week workshop on "KOHA and E-Lib" during 16th to 21st March 2011.
24.	14/03/2011 & 15/03/2011	Department of Library and Information Science, Kannur University, Palayad. MLISc IV Semester batch on 14th and 15th March 2011.	<ul style="list-style-type: none"> • Information Retrieval Systems
25.	01/02/2011 & 02/02/2011	Department of Library and Information Science, Kannur University, Palayad. MLISc IV Semester batch on 1st and 2nd March 2011.	<ul style="list-style-type: none"> • Information Retrieval Systems
26.	22/01/2011	Kendriya Vidyalaya Sangathan, Mysore. 21 days in-service course organized for librarians from 18/01/2011 to 07/02/2011.	<ul style="list-style-type: none"> • Introduction to Internet and Searching Strategies

27.	18/01/2011	St.Agnes College, Mangalore National conference on "Empowering Library professionals in Managing Digital Resources and Providing Extension Activities" held on January 18th and 19th, 2010.	<ul style="list-style-type: none"> • Open access initiative in science
28.	12/1/2011	UGC-Academic Staff College, University of Mysore, Mysore 17th Refresher Course in Library and Information Science held from 4th January to 24th January 2011.	<ul style="list-style-type: none"> • Hands on Blogs
29.	18/09/2010	Kendriya Vidyalaya Sangathan, Mysore. 21 days in-service course organized for librarians from 14/09/2010 to 04/10/2010.	<ul style="list-style-type: none"> • Introduction to Internet and Searching Strategies
30.	15/09/2010	C.H. Mohammed Koya Library, University of Calicut, Kerala. Workshop on Research Paper Writing	<ul style="list-style-type: none"> • Referencing in Research Publication
31.	2/9/2010	Institute of Ayurveda and Integrative Medicine (IAIM), Bangalore. National Training Programme on "Deciphering, Cataloguing, Preparing Critical Edition of Medical Manuscripts" held on 2nd September 2010.	<ul style="list-style-type: none"> • Cataloguing of manuscripts
32.	05/07/2010 to 06/07/2010	UGC-Academic Staff College, Karnatak University, Dharwad Refresher Course in Library and Information Science held from 24/06/2010 to 14/07/2010.	<ul style="list-style-type: none"> • Reading habits among college Students, • Readings & Writing Skills • Compilation of Reading Lists
33.	13/07/2010	UGC-Academic Staff College, University of Calicut, Kerala. VIth Refresher Course in Library and Information Science held from 1st July 2010 to 21st July 2010.	<ul style="list-style-type: none"> • Compilation of reference list & bibliography • FRBR : An Overview
34.	22/03/2010 to 31/03/2010	Department of Library and Information Science, Mangalore University, Mangalore	<ul style="list-style-type: none"> • Delivered lectures on various topics in library and information science for the MLISc 2nd Semester and 4th Semester students as UGC Visiting Fellow.
35.	18/01/2010	UGC-Academic Staff College, University of Calicut, Kerala. 5th Refresher Course in Library and Information Science held from 05/01/2010 to 25/01/2010	<ul style="list-style-type: none"> • Metadata standards • FRBR: Current trend in cataloguing

36.	21/11/2009	Alumini Association of the Department of Library and Information Science (AADLIS), University of Kerala, Thiruvanthapura special occasion of ALUMINI Meet-2009.	<ul style="list-style-type: none"> • Web 2.0 Technologies and Library and Information Services
37.	17/11/2009	Kendriya Vidyalaya Sangathan, Mysore 21 day in-service course held from 16/11/2009 to 06/12/2009 for the librarians	<ul style="list-style-type: none"> • School Libraries: Standards Policies & Vision
38.	14/11/2009	JSS Women's College, Kollegala, Chamarajanagara District National Library Week- 2009	<ul style="list-style-type: none"> • How to use Library?
39.	20/08/2009	Kendriya Vidyalaya Sangathan, Mysore. 14 days in-service course held from 17/08/2009 to 30/08/2009 for the librarians.	<ul style="list-style-type: none"> • Trends in library documents reference
40.	11/05/2009 to 12/05/2009	UGC-Academic Staff College, University of Kerala, Thiruvanthapuram Refresher Course in Library and Information Science held from 02/05/2009 to 22/05/2009	<ul style="list-style-type: none"> • Resource Description and Access for Digital Resources • Metadata Standards for Resource Description • Web 2.0
41.	17/02/2009 to 18/02/2009	Basaveshwar Engineering College, Bagalkot One week Short Term Training Programme (STTP) on "Trends in Information Communication Technology and its impact on Engineering College Libraries".	<ul style="list-style-type: none"> • Koha and web 2.0 Technology and its application in Library and Information Science • Hands on experience on Metadata standards
42.	03/01/2009 to 23/01/2009	UGC-Academic Staff College, University of Kerala, Thiruvanthapuram	<ul style="list-style-type: none"> • "Web 2.0 and libraries" (13.01.2009) • Open source software for libraries (14.01.2009)
43.	26-08-2009 to 15-09-2009	UGC-Academic Staff College, University of Mysore. 16 th Refresher conducted by Department of Library and Information Science and the Academic Staff College, University of Mysore, Mysore (26-08-2009 to 15-09-2009).	<ul style="list-style-type: none"> • Two demonstrations/lectures on MARC 21 (Practice) • FRBR - An overview 5/6/2009 • Web 2.0 6/6/2009

44.	27-11-2008 to 17-12-2008	UGC-Academic Staff College, Mysore (November 27 - December 17, 2008). 15 th Refresher course in Library and Information science conducted by the	<ul style="list-style-type: none"> • Koha Practical demonstration (3-12-2008) • WINISIS Practical demonstration (3-12-2008)
45.	15/10/2008 & 20/10/2008	Kendriya Vidyalaya Sangathan, Mysore 12 day in service course from 14/10/2008 to 25/10/2008 for the librarians.	<ul style="list-style-type: none"> • Introduction to standards in libraries • Library automation & automation process in school libraries
46.	18/09/2008 to 19/09/2008	Vidyodaya Arts & Commerce First Grade College, T. Narasipura UGC sponsored State level seminar on "Quality in Library and Information Services: Challenges in the Digital Environment".	<ul style="list-style-type: none"> • Automation of Library functions and services: A practical approach
47.	29/01/2008 to 30/01/2008	Regional Institute of Education, Mysore. Training Programme: Capacity building of School Librarians to Modernise School Libraries for the benefit of librarians and in- charge librarians of school libraries in the region held from 28th January to 1st February 2008.	<ul style="list-style-type: none"> • Library Automation • Library Automation-KOHA
48.	06/12/2007 to 07/12/2007	Regional Institute of Education, Mysore Training Programme: Capacity building of School Librarians to Modernise School Libraries.	<ul style="list-style-type: none"> • Library automation
49.	05/12/2007 & 07/12/2007	Kendriya Vidyalaya Sangathan, Mysore. 12 day in-service course held from 18/01/2011 to 07/02/2011 for the librarians.	<ul style="list-style-type: none"> • Database Management • Greenstone
50.	28-11-2007 to 18-12-2007	UGC Academic Staff College, University of Mysore, Mysore (28-11-2007 to 18-12- 2007). 14 th Refresher conducted by Department of Library and Information Science	<ul style="list-style-type: none"> • CDS/ISIS
51.	15/10/2007 & 16/10/2007	Regional Institute of Education, Mysore. Training Programme: Capacity building of School Librarians to Modernise School Libraries.	<ul style="list-style-type: none"> • Library automation
52.	20/04/2007 to 21/04/2007	Administrative Training Institute, Mysore. Training program organized for Librarians of First Grade Colleges" at ATI from 16/04/2007 to 21/04/2007.	<ul style="list-style-type: none"> • Issues in Library Automation

53.	25/09/2006	SDM Institute for Management Development, Mysore Seminar on Organizing Electronic Resources for Digital Archiving.	<ul style="list-style-type: none"> • Archiving Electronic Resources: CD, DVDs, Electronic Documents and AV Materials
54.	7/7/2006	Kendriya Vidyalaya Sangathan, Mysore 21 days in-service training for Librarians of Kendriya Vidyalaya.	<ul style="list-style-type: none"> • Information sources – Traditional • Information sources - Electronic
55.	6/4/2006	SDM Institute for Management Development, Mysore. Workshop on Digital Libraries.	<ul style="list-style-type: none"> • Greenstone (GSDL)
56.	25/10/2005	Kerala Library Association, Kozhikode Regional Committee, Kerala. One day seminar at Calicut on "Modern trends in IT application in Library and Information Services"	<ul style="list-style-type: none"> • Trends in IT for LIS
57.	16/07/2005	St. Agnes College, Mangalore area. NAAC Sponsored National conference on "The ICT Mode for Quality Enhancement in Higher Education" held on 14-16 July 2005.	<ul style="list-style-type: none"> • College Library in ICT Mode
58.	4/8/2005	Bishop Heber College, Thiruchirapalli. Special lecture	<ul style="list-style-type: none"> • Digital Libraries
59.	8-02-2002 to 28-02-2002	UGC Academic Staff College, University of Mysore, Mysore (8-02-2002 to 28-02-2002). 12th Refresher conducted by Department of Library and Information Science	<ul style="list-style-type: none"> • MARC 21
60.	7-11-2000 to 25-11-2000	Academic Staff College, University of Mysore, Mysore (7-11-2000 to 25-11-2000). 11th Refresher Course conducted by Department of Library and Information Science and the	<ul style="list-style-type: none"> • WINISIS: An introduction. Lecture delivered on 11.11.2000 • Common Communication Format. Lecture delivered on 16.11.2000 • Designing of bibliographic databases. Lecture delivered on 16.11.2000 • Searching of electronic databases. Lecture delivered on 24.11.2000

Member of editorial committee

1. Member of the **Editorial Board** of the SRELS Journal of Information Management since 2010
2. MyLISA News: 2002, 2004, 2006
3. Self Instructional Materials for BLISc of KSOU. 20001-2002
4. Self Instructional Materials for MLISc of KSOU. 20005-2006

Consultancy to local libraries

- Provided Consultancy service in the Library Automation Projects of following libraries. This has been done on a social service basis:
- Ranga Prayoga Shale, Sanehally, Hosadurga Taluk, Chitradurga District (2008-2010)
- Mahajana First Grade College (October 2006)
- Saradavilas Law College (September 2006)
- Vivekananda Institute for Leadership Development (September 2006- 2007)
- CAVA Library (2007-2008)
- Saradavilas Teachers College (2005)
- Vijaya Vittala School (2005)
- Gnanaganga Vidyapeeta School (2005)
- Rangayana, Vinobha Road, Mysore (2004-2006)
- Central Institute of Indian Languages, Hunsur Road, Mysore (2000)
- SDM/IMD, Vinobha Road (2000-2006)
- JSS Medical College, Bannimantap (2001)

International Seminar/Conferences/Workshops –Attended

- MyDLIS 50 Golden Jubilee Summit and International Conference on “Information Unbounded: The past, the present, and the future of Information Sciences” organized by Department of Library and Information Science, University of Mysore, Mysore (MyDLIS) in association with Mysore University Information and Library Science Alumni Association (MILAN) during June 18-20, 2015; Mysore.
- 15th International Conference on Asia-Pacific Digital Libraries on "Social Media and Community Networks" held on December 9-11, 2013, Bangalore, Organised by the International School of Information Management, University of Mysore, Mysore
- International Conference on "Open Access Scholarly Communication Reincarnated: A Futuristic Approach" held on 19-20 August 2013, Bangalore, Organised by Korea Institute of Scientific and Technology Information (KISTI), Korea, Indian Library Association (ILA), Delhi and Department of Library and Information Science, Bangalore University, Bangalore.

- 12th International ISKO Conference on "Categories, Contexts and Relations in Knowledge Organization" held on 6-9 August 2012 held at the University of Mysore, Mysore, Organised by International Society for Knowledge Organization (India Chapter).
- 6th International Conference on "Webometrics, Informetrics and Scientrometrics and 11th COLLNET Meeting held at the University of Mysore, Mysore, India during 19-22, 2010

National Seminar/Conferences/Workshops -Attended

- One day National Seminar on "Comprehensive Resource Management in Libraries" held on 5th August 2014, Department of Library and Information Science, Rani Channamma University, Belgavi.
- One day Workshop on "Questionnaire Design and Analysis" held on 29th June 2014, The third workshop organized under the series 'Publish or Perish', Organized by Mysore Librarians and Information Scientists Association (MyLISA) and St. Philomena's College, Mysore.
- One day Workshop on "Stock Verification and Loss of Books in Libraries" held on 29th May 2014, Organized by Mysore Librarians and Information Scientists Association (MyLISA) and Mysore University Library, Manasagangotri, Mysore.
- Two day National Seminar on "The digital shift: Making libraries relevant for Education and Research" held on 6-7 March 2014, Organized by the Department of Library and Information Science, Karnataka State Women's University Bijapur in collaboration with Karnataka State Council for Higher Education, Bangalore held from Bijapur
- UGC Sponsored One day Workshop on "Gathering & Organising information for Literature Review" held on 1st March 2014, Organised by The Department of Library and Information Centre, JSS Mahavidyaapeetha JSS College for Women (Autonomous), Saraswathipuram, Mysore.
- Technical Workshop on "Exploring SciFinder (Chemical Abstracts) for Scientific Research in Academia" held on 4th January 2014, Organised by the Mysore University Library at the Department of Studies in Chemistry, University of Mysore, Mysore
- One day Workshop on "Tackle a Literature Review" held on 30th November 2013, Organised by the Mysore University Library and Mysore Librarians and Information Scientists Association (MyLISA), Mysore
- One day Seminar on "Publish or Perish" held on 20th July 2013, Organised by the Mysore Librarians and Information Scientists Association (MyLISA), held at Mysore University Library, Mysore.
- 57th All India Conference of Indian Library Association on "Knowledge Society: Innovations in Librarianship (ILAKSIL 2012) held on 23-25th February 2012 at St. Agnes College (Autonomous), Mangalore, Organized by Indian Library Association (R) Delhi, St. Agnes Centre for Post Graduate Studies & Research, Mangalore and Karnataka State College Librarians Association (R) Bangalore.

- Two day Workshop on "Statistical Analysis of Research Data" held on 8-9 February 2012, Organized by SDM Institute for Management Development, Mysore
- UGC sponsored Two day National Conference on "Managing College Libraries: Issues and Trends" held on December 16-17, 2011, Organized by the JSS College of Arts, Commerce & Science, Mysore in association with Mysore Librarians and Information Scientists Association (MyLISA), Mysore
- Two day National Conference on "Information Literacy Competencies for Higher Learning and Research" held on 21-22 October 2011, Organized by the Department of PG Studies & Research in Library and Information Science, Tumkur University, Tumkur and Centre for Rural Social Documentation.
- Two day National Seminar on "Good Governance, Human Rights and Judiciary" held on 3-4 October 2011, Organized by the National Human Rights Commission, New Delhi in collaboration with the Department of Studies in Political Science, University of Mysore, Mysore
- One day Workshop on "Intellectual Property Rights" held on 25th March 2011, Organized by the KSCST, Bangalore and Centre for Information Science & Technology (CIST), University of Mysore, Mysore.
- One day National Symposium on "Next Generation Libraries: Opportunities and challenges" held on 29th October 2010, Organized by Karnataka State Library Association & Society for Information Studies, Bangalore Chapter, Bangalore
- One day Seminar on "Managing Digital Resources in Academic Libraries" held on 18th September 2010, Organized by Mysore Librarians and Information Scientists Association (MyLISA) at the Department of Library and Information Science, University of Mysore, Mysore
- Two day National Seminar on "Managing of Digital Information-Sources, Services and Systems" held on 29-30 July 2010, Organised by Library and Information Centre, RNS Institute of Technology, Bangalore
- Two day National Seminar on "Webometrics, Infometrics and Scientrometrics (WIS) under the UGC/SAP held on 21-22 th December 2007, Organised by the Department of Library and Information Science, Karnatak University, Dharwad
- One day workshop on "Dspace for Global Access to Science Information: All the FOSS about Building Institutional Repositories" held on 13th April 2007, Organised by Department of Library and Information Science- MULISSA, University of Mysore, Mysore
- Two day workshop on "JSTOR Training Workshop- India 2004", held on 10-11 March 2004, Organized by Ford Foundation, JSTOR.

Training/Orientation/Refresher Programs Attended

- One day Orientation Programme on "The use of Plagiarism detection tools and academic and research quality indicators" held on 24th July 2014, Organized by the Mysore University Library, Manasagangotri, Mysore.
- One day Training Programme on "Soft skills for Librarians" held on 28th April 2014, Organized by Centre for Proficiency Development and Placement Services (CPDPS) and Mysore Librarians and Information Scientists Association (MyLISA), Mysore.
- Attended the 1st Refresher Course in Information Technology from 20-2.2007 to 12.03.07. Organized by Department of studies in Library & Information Science and Academic Staff College, University of Mysore, Mysore.
- Attended the Tenth Refresher Course (Mysore, Dec. 2-23, 1999) as a participant. Organized by Department of studies in Library & Information Science and Academic Staff College, University of Mysore, Mysore. Presented a paper entitled "Prospects for IT applications in academic libraries"

Member-Board of Studies (BoS)

- University of Kerala (2015),
- University of Mysore (2009 onwards),
- Karnataka State Open University (2002-04, 2013-16)

Member-Other Committees

- Faculty of Science and Technology, University of Mysore (2013- onwards) - Member
- PG Admission Committee (2011 onwards) – Member
- Coordination Committee – MLRCC – UPE Project on Holistic Development – Member (2012)
- Organizing Committee Member - National conference on "Managing College Libraries: Issues and Trends" JSS College of Arts, Commerce & Science, Mysore – Member and Chief Editor of the Conference Volume. (2011)
- CSTT Project of Prasaraanga, University of Mysore – Member (2011)
- Mysore Librarians and Information Scientists Association (MyLISA) – EC member since 2001
- Committee for the Development of Science in Schools (2006-2009), University of Mysore – Member
- Drusti Project, University of Mysore - Member