

Continuing professional education on digital library in India: a study

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The paper examines development of continuing professional education on digital library in India based on the announcement of postings on LIS-Forum related to seminars, conferences, workshops and short-term training programs on digital libraries held in India during April 2003 to October 2015. The paper finds that 73 continuing professional development programs were held on digital library in India during the period. Due to the increasing amount of information available in digital format, education and training for digital libraries has become necessary. There is a need to hold more continuing professional development opportunities on digital libraries in India.

Keywords: Digital libraries; Continuing professional education; Education and training; LIS-Forum; Seminar; Workshops; Conferences; Short-term training courses; Professional development opportunities

Introduction

Education and training is essential for updating our knowledge and has come to be recognized as a lifelong process. Continuing professional education is very essential to shape and update professional skills and competencies. Digital library is an important area of education and research for library and information science professionals. That traditional print based libraries are making way for digital libraries is now apparent and it is matter of time that digital libraries would become the predominant source of information. However, the transitioning from print to digital libraries has been mired in myriad issues including technological, sociological, ethical, managerial and so on. Many of the issues have been addressed at different levels in various parts of the world. Improving competencies and digital library skills of LIS professionals through continuing training programs is an important area.

Although the tools and technologies with regard to the creation of digital libraries have matured, the progression towards digital libraries have not been as rapid as it should have been in India. The rather slow growth of digital libraries in India could be owing to many reasons including inadequate human resources.

There have been some initiatives for training library and information professionals in digital library technologies and tools. These include short term training courses, seminars, workshops and conferences. This paper attempts to take a holistic look at the continuing education programs on digital libraries for LIS professionals. This study is based on the announcements related to continuing professional education on digital libraries made on the Indian LIS listserv called LIS Forum.

Review of literature

Many studies have been undertaken on the continuing professional education on digital libraries worldwide. Bawden et al.¹ analyzed the digital library education programs of continuing and formal education in Slovenia and in the U.K. They found that both continuing and formal education is essential and that continuing education and training helps in enhancing professional skills and competencies of the digital librarians. Spink and Cool² presented findings from a research on education for digital libraries. They reported that there were a few schools that offered courses in digital libraries. Agaja³ highlighted the necessity and opportunities for professional

continuing training and education for library professionals of Nigerian universities through refresher courses, seminars, workshops, conferences, on-the-job training or in-service trainings.

Robinson and Glosiene⁴ focused on the importance of CPD (continuing professional development) programs in library and information science. They described the activities and role of TCN (Training Centre Network) that support in CPD activities of Central Asia and Central and Eastern Europe in library and information science. Shepherd⁵ discussed the need for ongoing professional development programs for librarians in academic libraries in Rhodes University, South Africa. The article described the implementation, planning, evaluation and the design of a staff-development and training program for professional librarians. Chiware⁶ analyzed existing literature on digital library education and training and attempted to outline the training requirements for sustainable implementation of digital projects. Ma, Clegg and Brien⁷ highlighted that education on digital library is still in its early years and an adoptable model for best training in digital libraries is yet to emerge.

Lin and Wang⁸ discussed that online fora are playing a vital role in experience sharing between educator, practitioners, policy makers and the researchers. They analysed the major workshops and conferences on digital libraries that were organized in the Asian region.

Mahesh et al.⁹ focused on importance of short-term training programs on LIS in India. They highlighted that short term courses are a necessary component in the education system and these programs fulfilled the continuing education needs of the society. Mittal and Mahesh¹⁰ stated that centers with expertise on institutional repositories and digital libraries in India have evolved with continuing training programs that were developing expertise and human resource in their area.

Pujar et al.¹¹ analyzed in their study, the topics of the discussion, number of posting messages and their contributors on LIS-Forum email discussion list for the period 2006 to 2011. It was seen that LIS-Forum has been serving as a platform for the LIS professionals and students in India in creating a virtual network of its members.

Baro et al.¹² focused on the importance of short duration training program such as workshops, seminars etc. and stated that these are indispensable for the enhancement of professionals skills and competencies in the digital environment.

Massis¹³ highlighted the basic skills necessary for today's librarian to be successful in a library environment. It can be seen from the foregoing, there are a number of studies on digital libraries but a few of them focus on developing human resources for digital libraries.

Objectives of the study

- To examine postings on LIS-Forum related to development of continuing professional education on digital library in India;
- To ascertain number and types of professional development opportunities in the area of digital library; and
- To analyze major areas of professional development on digital libraries in India.

Methodology

LIS-Forum is an e-mail based discussion forum for library and information professionals in India. Discussion posts of LIS community from all over the country are available in its archive¹⁴. The LIS-Forum started operations in 1994 using the ListProc software. In 2001, it was moved to the Mailman software, which archives all the messages that are approved for circulation¹¹. The archived messages are available and accessible from April 2003 onwards in text and compressed Formats. The data for the study were gathered from the online archive of LIS-Forum (<http://ncsi.iisc.ernet.in/pipermail/lis-forum/search.html>). Messages posted to the mailing list during the twelve and half year period (April 2003 – October 2015) have been studied. Seventy three posts were shortlisted from all 19171 posts of 151 monthly issues which were related to seminar, workshops, conferences, short-term training programs or any issue related to continuing education on digital libraries or digital repositories. Repeat or duplicate posts were not accounted for. The contents of each message was studied and the observations on each post were recorded in MS Excel.

Results and discussions

Complete details about the digital library programs that include the type of program, date, year, duration, host institution and place extracted from the 73 messages are given in Annexure I.

Year-wise distribution

Table 1 shows that in the year 2008, the maximum numbers of 12 programs were communicated on the LIS-Forum. Otherwise, it ranged from a three to eight digital library continuing education and training programs for the other years.

Duration of LIS Continuing Professional Education (CPE) programs

Table 2 shows that the continuing education programs varied from 1 to 10 days. There was only one 10 days program and about 70% of the programs were of 1 to 3 days of duration. It is seen that most of programs were of two days (19), three days (19) and one day (12).

Major areas of professional development on digital libraries

Major objectives or areas of training programs that are building digital libraries, GSDL, DSpace, digital libraries and web technologies : challenges and opportunities, design and, development of digital libraries, digital library initiatives, digitization of resources, open access repositories, digitization and networking, digital preservation, advanced GSDL and RFID, digital libraries and e-learning, TQM in digital libraries, interfaces of digital library, building of institutional archives , creation and management of digital collection, digital objects and metadata: preservation, harvesting and migration etc.

Types of CPE programs on digital libraries

Table 3 gives the type of continuing professional education programs on digital library in India during the period of 2003 to 2015. Most of them were workshops (47). Although conferences (12) and seminars (8) and short-term training programs (6) were also held on digital libraries.

State-wise distribution

Table 4 represents state-wise distribution of continuing professional education program on digital libraries in India during the period of 2003 to 2015. The maximum numbers of 16 programs were held in Karnataka state. Findings of previous study showed

Table 1—Year-wise distribution

| Sl. no. | Year | No. of program |
|---------|------|----------------|
| 1 | 2003 | 3 |
| 2 | 2004 | 4 |
| 3 | 2005 | 3 |
| 4 | 2006 | 8 |
| 5 | 2007 | 8 |
| 6 | 2008 | 12 |
| 7 | 2009 | 4 |
| 8 | 2010 | 6 |
| 9 | 2011 | 7 |
| 10 | 2012 | 3 |
| 11 | 2013 | 4 |
| 12 | 2014 | 5 |
| 13 | 2015 | 6 |
| Total | | 73 |

Table 2—Duration of digital library CPE programs

| Days | No. of programs |
|---------|-----------------|
| 1 Day | 12 |
| 2 Days | 19 |
| 3 Days | 19 |
| 4 Days | 9 |
| 5 Days | 9 |
| 6 Days | 4 |
| 10 Days | 1 |
| Total | 73 |

Table 3—Types of digital library CPE programs

| Type of program | No. of program |
|-----------------------------|----------------|
| Conference | 12 |
| Seminar | 8 |
| Short Term Training Program | 6 |
| Workshop | 47 |
| Total | 73 |

that Karnataka is having highest number of ETD repositories in India.¹⁵ In Andhra Pradesh, Assam, Mizoram, Sikkim and Rajasthan, only one program in each state was held during this period.

Conclusion

Education and training is very important for the professional growth of LIS professionals in modern digital information & technological environment. Many continuing professional development programs are being organized in India such as seminars, workshops, short-term training programs, conference etc. for professional development of LIS professionals. LIS Forum is playing a vital role in

Table 4—State-wise distribution

| Sl. no. | Name of State | No. of Programs |
|---------|-----------------|-----------------|
| 1 | Karnataka | 16 |
| 2 | Delhi | 14 |
| 3 | Kerala | 12 |
| 4 | Tamil Nadu | 9 |
| 5 | West Bengal | 5 |
| 6 | Maharashtra | 3 |
| 7 | Uttar Pradesh | 3 |
| 8 | Gujarat | 2 |
| 9 | Jammu & Kashmir | 2 |
| 10 | Telangana | 2 |
| 11 | Andhra Pradesh | 1 |
| 12 | Assam | 1 |
| 13 | Mizoram | 1 |
| 14 | Rajasthan | 1 |
| 15 | Sikkim | 1 |
| | Total | 73 |

announcing these and thereby spreading the word for the benefit of LIS professionals. It is seen that only 73 digital library training programs were announced on LIS forum. Assuming that all these 73 programs were held, it can be concluded that the number of HR programs on digital libraries are very low. This conclusion is based on the slow pace of growth of digital libraries in the country as reported in other studies. It is also likely that more training programs were conducted but were not necessarily announced on LIS-Forum.

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LIS Continuing professional education (CPE) programs on digital libraries in India (During April 2003 – October 2015)

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|---|-----------------------------|------------------|------|----------|---|---|---------------|
| 1 | Awareness program on Greenstone Digital Library Software (GSDL) | Short Term Training Program | 26-Apr | 2003 | 1 Day | NCSI-NET Alumni Association, Bangalore, Karnataka | National Centre for Science Information (NCSI), Indian Institute of Science, Bangalore, Karnataka | Karnataka |
| 2 | Workshop on Developing Digital Libraries using Greenstone Digital Library Software (GSDL) | Workshop | 2-6 May | 2003 | 5 Days | NCSI - National Centre for Science Information, Indian Institute of Science, Bangalore, Karnataka | NCSI, Indian Institute of Science, Bangalore, Karnataka | Karnataka |
| 3 | Workshop on Building Digital Libraries using Greenstone Digital Library Software | Workshop | 30 Nov. - 1 Dec. | 2003 | 2 Days | Bioinformatics Centre, University of Pune, Maharashtra | Bioinformatics Centre, University of Pune, Maharashtra | Maharashtra |
| 4 | Digital Libraries Program | Short Term Training Program | 19-21 Jan. | 2004 | 3 Days | IIM Kozhikode, Kerala | IIM Kozhikode, Kerala | Kerala |
| 5 | 4th ASSIST National Seminar on "Digital Resources and Services in Libraries" | Seminar | 12-13 April | 2004 | 2 Days | Kuvempu University, Shimoga, Karnataka | Kuvempu University, Shimoga, Karnataka | Karnataka |
| 6 | Seminar on Digital Libraries | Seminar | 8-Mar | 2004 | 1 Day | DRTC, Bangalore, Indian Statistical Institute & Max Mueller Bhavan (Goethe Institute), Bangalore | DRTC, ISI, 8th Mile, Mysore Road, Bangalore | Karnataka |
| 7 | Workshop on developing a digital library using dspace | Workshop | 28 June - 3 July | 2004 | 6 Days | Dept of Library & Information Science, Osmania University in collaboration with INFLIBNET | Dept. of Library & Information Science, Osmania University Main Rd, Hyderabad, Telangana | Telangana |
| 8 | National Workshop on Developing Digital Library using Dspace | Workshop | 9-13 May | 2005 | 5 Days | University Library Mahatma Gandhi University Kottayam, Kerala in collaboration with INFLIBNET Centre (UGC), Ahmedabad | Mahatma Gandhi University Library, Priyadarshini, Kottayam, Kerala | Kerala |
| 9 | National workshop on Building Digital Library | Workshop | 17-18 Jun | 2005 | 2 Days | Learning resource Centre, Jaypee Institute of Information, Noida, U.P. | Jaypee institute of Information Technology (Deemed university), Noida, U.P. | Uttar Pradesh |
| 10 | Digital Libraries Program | Short Term Training Program | 14-16 July | 2005 | 3 Days | IIM Kozhikode, Kerala | IIM Kozhikode, Kerala | Kerala |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|--|------------|---------------------|------|----------|--|---|----------------|
| 11 | Workshop on Digital Libraries | Workshop | 6-8 April | 2006 | 3 Days | Mylisa (Mysore Librarians and Information Scientists Association) in collaboration with SDM-IMD (SDM Institute for Management Development, Mysore, Karnataka) | SDM-IMD campus, Mysore, Karnataka | Karnataka |
| 12 | Workshop on Design and Development of Digital Libraries | Workshop | 9-13 Oct. | 2006 | 5 Days | Department of Library and Information Science, Andhra University, Visakhapatnam, Andhra Pradesh | Department of Library and Information Science, Andhra University, Visakhapatnam, Andhra Pradesh | Andhra Pradesh |
| 13 | Isim-NIFT Training Workshop on Digital Libraries | Workshop | 31 July - 5 Aug. | 2006 | 6 Days | The International School of Information Management (isim), University of Mysore, Mysore | The International School of Information Management (isim), University of Mysore, Mysore | Karnataka |
| 14 | Workshop on Open Source Movement and the Use of Dspace Software | Workshop | 28 Nov. - 1 Dec. | 2006 | 3 Days | Indian Association of Special Libraries & Information Centres (IASLIC), Kolkata | National Institute for the Orthopaedically Handicapped (NIOH), Bonhooghly, Kolkata | West Bengal |
| 15 | Workshop on Building Digital Libraries using Dspace and GSDL | Workshop | 27-28 Oct. | 2006 | 2 Days | Society for the Advancement of Library and Information Science (SALIS Chennai Chapter) & The Central Library of B.S.Abdur Rahman Crescent Engineering College, Chennai | Thiagarajar School of Management, Madurai, Tamil Nadu | Tamil Nadu |
| 16 | Workshop on Digital Libraries | Workshop | 31 October - 3 Nov. | 2006 | 4 Days | TERI, IHC Complex, Lodhi Road, New Delhi. | TERI, IHC Complex, Lodhi Road, New Delhi. | Delhi |
| 17 | ICDL 2006 - International Conference on Digital Libraries | Conference | 5-8 Dec. | 2006 | 4 Days | TERI (TIFP, Department of Scientific and Industrial Research, Ministry of Science and Technology, Govt. of India and UNESCO and in cooperation with ACM SIGCHI) | TERI, The India Habitat Centre, New Delhi. | Delhi |
| 18 | One-Day Tutorial on Building Digital Library using GSDL and Dspace | Workshop | 11 Dec. | 2006 | 1 Day | Central Library & Computer Vision & Pattern Recognition Unit (CVPR) Indian Statistical Institute | Indian Statistical Institute, 203 B.T. Road, Kolkata | West Bengal |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|---|------------|-------------|------|----------|---|--|--------------------|
| 19 | Regional Workshop on Greenstone Digital Library Software | Workshop | 8-10 Feb. | 2007 | 3 Days | Department of Library Services Christian Medical College Vellore & Madras Library Association, Chennai | CHTC Auditorium, Christian, Medical College, Bagayam, Vellore, Tamilnadu | Tamil Nadu |
| 20 | Workshop on Digital Library Initiatives using GSDL & dspace | Workshop | 16-17 March | 2007 | 2 Days | Society for the Advancement of Library and Information Science Science (SALIS Chennai Chapter) & The Central Library of B.S.Abdur Rahman Crescent Engineering College, Chennai | The Central Library of B.S.Abdur Rahman Crescent Engineering College, Chennai, Tamil Nadu | Tamil Nadu |
| 21 | EMPI Digital Library National Convention 2007 (EMPIDLNC2007) | Conference | 18-20 March | 2007 | 3 Days | Knowledge & Learning Resource Centre EMPIL Business School CSKM Educational Complex Sabari, Chattarpur New Delhi | India International Centre, 40, Max Mueller Marg, New Delhi | Delhi |
| 22 | The Workshop on Digital Libraries | Workshop | 10-13 April | 2007 | 4 Days | TERI, IHC Complex, Lodhi Road, New Delhi and DSIR (Department of Scientific and Industrial Research), Government of India | TERI, IHC Complex, Lodhi Road, New Delhi | Delhi |
| 23 | Workshop on Digital Libraries | Workshop | 1-3 Jun | 2007 | 3 Days | Indian Library Association (ILA) with Collaboration of BIMTECH, Greater Noida | BIMTECH, Greater Noida, U.P. | Uttar Pradesh |
| 24 | Workshop on "Digitization of Resources using Open Source Software: GSDL" | Workshop | 23-25 Sep. | 2007 | 3 Days | IIM-Lucknow Campus in collaboration with NASSDOC, New Delhi | IIM-Lucknow Campus | Uttar Pradesh |
| 25 | National Workshop on "Open Access Repositories and Greenstone software" | Workshop | 6-8 Nov. | 2007 | 3 Days | Department of Library & Information Science, The University of Kashmir. | Department of Library & Information Science, The University of Kashmir, Srinagar, Jammu and Kashmir | Jammu & Kashmir |
| 26 | DSIR-NCST Advanced Workshop on Greenstone Digital Library Software (GSDL) | Workshop | 26-28 Dec. | 2007 | 3 Days | Department of Scientific and Industrial Research (DSIR) & NCST, IISc, Bangalore | NCST, IISc, Bangalore | Karnataka |
| 27 | Workshop on Building Digital Archive using Advanced Features of GSDL | Workshop | 8-10 Jan. | 2008 | 3 Days | TERI, New Delhi | India Habitat Centre, New Delhi | Delhi |
| 28 | National Workshop on "Building Digital Libraries Using GSDL and Dspace | Workshop | 14-15 March | 2008 | 2 Days | Institute of Health Management Research in association with SALIS -Delhi NCR | Institute of health Management Research, Sangarner Airport, Jaipur, Rajasthan. | Rajasthan |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|---|------------|-------------|------|----------|--|--|-----------------|
| 29 | National Workshop on "Open Access Repositories and Greenstone software" | Workshop | 17-19 March | 2008 | 3 Days | The Department of Library & Information Science, The University of Kashmir, Hazratbal Srinagar | The Department of Library & Information Science, The University of Kashmir, Srinagar, Jammu and Kashmir | Jammu & Kashmir |
| 30 | Regional Training & Workshop on Building of Institutional Archives & Digital Libraries | Workshop | 24-27 Jun | 2008 | 4 Days | Indian Statistical Institute (ISI) & Sikkim-Manipal Institute of Technology (SMIT), Majitar, Sikkim | SMIT Campus, Majitar, Sikkim | Sikkim |
| 31 | International Workshop on UNESCO's WINISIS/genisis For Digital Libraries/Archives | Workshop | 6-9 Sept. | 2008 | 4 Days | Mahatma Gandhi University Library, Idukki, Kerala | Marian College, Kuttikkanam, Peermede, Idukki, Kerala | Kerala |
| 32 | Workshop on developing digital library using dspace (a program under Tecipp-world bank | Workshop | 27-29 Aug. | 2008 | 3 Days | The M.S.Ramaiah Institute of Technology Library & Information Centre, Bangalore, Karnataka | Hi-Tech Seminar Hall MSRT, Bangalore, Karnataka | Karnataka |
| 33 | Workshop on "Digital Libraries For Academic Institutions using GSDL | Workshop | 4 Oct. | 2008 | 1 Day | National Engineering College, Kovilpatti (TN) and SALIS (Tirunelveli chapter) | National Engineering College, Kovilpatti, Tamilnadu | Tamil Nadu |
| 34 | National Workshop on "Dspace for Building Institutional Repositories and Digital Libraries" | Workshop | 21-25 Oct. | 2008 | 5 Days | Mahatma Gandhi University, Kottayam, Kerala and Federal Institute of Science And Technology (FISAT), Angamaly Kerala | Mahatma Gandhi University, Kottayam, Kerala and Federal Institute of Science And Technology (FISAT), Angamaly Kerala | Kerala |
| 35 | International Workshop on Greenstone Digital Library Software | Workshop | 8-13 Dec. | 2008 | 6 Days | IIM Kozhikode, Kerala | IIM Kozhikode, Kozhikode, Kerala | Kerala |
| 36 | Workshop on Digital Preservation in India | Workshop | 7 Nov. | 2008 | 1 Day | FICCI, Federation House, Tansen Marg, New Delhi | FICCI, Federation House, Tansen Marg, New Delhi | Delhi |
| 37 | Workshop on Digitization and Digital Library using dspace | Workshop | 3-6 Dec. | 2008 | 4 Days | Librarians Cultural Forum in collaboration with Delhi University Library System University of Delhi, Delhi | Central Library Delhi University Library System, Delhi | Delhi |
| 38 | National Conference on Digitization and Digital Preservation (NCDDP-2008) | Conference | 11-12 Dec. | 2008 | 2 Days | DESIDOC, Delhi | DESIDOC, DRDO Metcalfe House, Delhi | Delhi |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|---|------------|----------------------|------|----------|--|--|-------------|
| 39 | National Seminar on "Digitization and Networking of Library and Information Centers in NE India" | Seminar | 9-10 Jan. | 2009 | 2 Days | Department of Library and Information Science, Gauhati University, Guwahati (Assam) & Central Reference Library, Department of Culture, GOI, Kolkata | Gauhati University, Jalukbari, Guwahati | Assam |
| 40 | National workshop on Digital Libraries and Digital Archiving | Workshop | 26-29 Aug. | 2009 | 4 Days | Department of Library and Information Science, University of Kerala | Department of Library and Information Science, University of Kerala | Kerala |
| 41 | Workshop on Future Libraries: Advanced GSDL and RFID | Workshop | 14-16 Jan. | 2009 | 3 Days | TERI, New Delhi | India Habitat Centre, New Delhi | Delhi |
| 42 | NCSI-IDRC Workshop on Library Automation Packages and Digital Library Software | Workshop | 27-31 July & 3-7 Aug | 2009 | 10 Days | National Centre for Science Information (NCSI), Indian Institute of Science (IISC), Bangalore, Karnataka | National Centre for Science Information (NCSI), Indian Institute of Science (IISC), Bangalore, Karnataka | Karnataka |
| 43 | International Conference on Digital Libraries (ICDL 2010) | Conference | 23-26 Feb | 2010 | 4 Days | TERI, New Delhi | TERI, New Delhi | Delhi |
| 44 | Five Days National Level Workshop on Library Automation and Building Digital Library Using KOHA and dspace Open Source Software | Workshop | 18-22 Feb. | 2010 | 5 Days | MAEER'S Maharashtra Academy of Engineering, Alandi, Pune, Maharashtra | MAEER'S Maharashtra Academy of Engineering, Alandi, Pune, Maharashtra | Maharashtra |
| 45 | SALIS Seminar on Emerging Technologies in Digital Libraries and e-Learning | Seminar | 13-Mar | 2010 | 1 Day | K.L.N.College of Information Technology, Pottapalayam, Madurai & Society for the Advancement of Library and Information Science (SALIS), Madurai chapter | K.L.N.College of Information Technology, Pottapalayam, Madurai & Society for the Advancement of Library and Information Science (SALIS), Sivagangai, Tamilnadu | Tamil Nadu |
| 46 | National conference on next generation digital libraries and Web technologies : challenges and opportunities (SALIS - 2010) | Conference | 20-21 Aug. | 2010 | 2 Days | Central Library Sri Krishna College of Engineering and Technology Coimbatore & Society for the Advancement of Library and Information Science | Sri Krishna College of Engineering and Technology, Coimbatore, Tamilnadu | Tamil Nadu |
| 47 | National Seminar on "Total Quality Management in Digital Libraries" | Seminar | 11 Oct. | 2010 | 1 Day | Thiagarajar School of management(TSM), Madurai & SALIS Madurai Chapter | Thiagarajar school of Management, Center for higher learning, Pamban swamy Nagar, Thirupparankundram, Madurai | Tamil Nadu |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|---|------------|-------------|------|----------|--|---|-------------|
| 48 | Seminar on Different Interfaces of Digital Library: An Exploratory Study | Seminar | 12 Nov. | 2010 | 1 Day | Indian Statistical Institute Documentation Research and Training Centre, 8th Mile Mysore Road, Bangalore | DRTC, Bangalore | Karnataka |
| 49 | Seminar on Knowledge Representation and Digital Libraries(includes Workshop on advanced DSpace) | Seminar | 17-18 Feb | 2011 | 2 Days | Indian Statistical Institute Documentation Research & Training Centre, Bangalore | DRTC, Bangalore | Karnataka |
| 50 | The International Conference on Digital Library Management: ICDLM 2011 | Conference | 11-13 Jan. | 2011 | 3 Days | TERI, New Delhi | Science City, Kolkata, Co-Organiser: Raja Ram Mohan Roy Library Foundation, Ministry of Culture, Government of India, Kolkata | West Bengal |
| 51 | National Workshop on 'Digital Objects and Metadata: Preservation, Harvesting and Migration'. IGDR, Mumbai | Workshop | 17-20 Jan. | 2011 | 4 Days | Indira Gandhi Institute of Development Research, Film City Road, Santosh Nagar, Gen Vaidya Marg, Goregaon (East), Mumbai, Maharashtra | Indira Gandhi Institute of Development Research, Film City Road, Santosh Nagar, Gen Vaidya Marg, Goregaon (East), Mumbai, Maharashtra | Maharashtra |
| 52 | National Seminar on "Digital Future of Library Materials: Issues and Challenges" | Seminar | 17-18 March | 2011 | 2 Days | Department of Library and Information Science, Vidyasagar University, Medinipur, West Bengal | Mumbai, Maharashtra B C Mukherjee Hall, Vidyasagar University Campus, Medinipur, West Bengal | West Bengal |
| 53 | International Workshop on Digital Libraries using Greenstone Software | Workshop | 12-16 Dec. | 2011 | 5 Days | IIM Kozhikode, Kerala | IIM Kozhikode, Kerala | Kerala |
| 54 | International Conference on Digital Libraries and Knowledge Organization (ICDK 2011) | Conference | 14-16 Feb. | 2011 | 3 Days | Management Development Institute (MDI) Indian Association of Special Libraries and Information Centres (IASLIC) INDEST-AICTE Consortium, Indian Institute of Technology (IIT), Delhi | MDI Gurgaon (National Capital Region - Delhi) | Delhi |
| 55 | Work-Shop On Managing Digital Resources In Academic Libraries | Workshop | 19 Feb. | 2011 | 1 Day | Dakshina Kannada And Kodagu Library Association(R) (Dkkla) In Association with T.A. Pai Management Institute, Manipal, Karnataka | T.A. Pai Management Institute, Manipal, Karnataka | Karnataka |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|---|------------|-------------|------|----------|---|--|------------|
| 56 | National Workshop On Design And Development Of Digital Libraries Using Dspace | Workshop | 12-13 April | 2012 | 2 Days | Integrated Academy of Management and Technology (INMANTEC) In Association With Intellectuals Society for Socio Techno Welfare (ISST) And Ranganathan Society for Social Welfare & Library Development | Information Resource centre INMANTEC Institutions, Delhi - Hapur Bypass, NH-24 | Delhi |
| 57 | National Conference on K-2012: Creating Digital Library in Globalized E-society | Conference | 28-Jul | 2012 | 1 Day | Society for information research & studies (SIRS) | Society for Information Research & Studies (SIRS), New Delhi | Delhi |
| 58 | International Workshop on Digital Libraries using Greenstone Software | Workshop | 20-24 Aug | 2012 | 5 Days | IIM Kozhikode, Kerala | IIM Kozhikode, Kerala | Kerala |
| 59 | International Conference on Digital libraries (ICDL 2013) | Conference | 27-29 Nov. | 2013 | 3 Days | TERI, New Delhi | TERI, New Delhi | Delhi |
| 60 | National workshop on design and development of digital libraries using Dspace | Workshop | 22-23 March | 2013 | 2 Days | Marian College, Kuttikkanam, Kottayam District, Kerala | Marian College, Kuttikkanam, Kottayam District, Kerala | Kerala |
| 61 | 9th National Conference on the theme "Towards a Semantic Digital Library infrastructure | Conference | 18-19 Dec. | 2013 | 2 Days | Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu | Indira Gandhi Centre for Atomic Research, Kalpakkam, Tamil Nadu | Tamil Nadu |
| 62 | 15th International Conference on Asia-Pacific Digital Libraries (ICADL 2013) | Conference | 9-11 Dec. | 2013 | 3 Days | International School of Information Management and University of Mysore | Hotel Le Meridien, Bangalore, Karnataka | Karnataka |
| 63 | National workshop on design and development of digital libraries using Dspace | Workshop | 9-10 Jan. | 2014 | 2 Days | Marian College, Kuttikkanam, Kottayam District, Kerala | Marian College, Kuttikkanam, Kottayam District, Kerala | Kerala |
| 64 | National Workshop on Creation and Management of Digital Collection scheduled at INFLIBNET Centre, Gandhinagar | Workshop | 10-14 Feb. | 2014 | 5 Days | The INFLIBNET Centre, Gandhinagar | The INFLIBNET Centre, Gandhinagar | Gujarat |
| 65 | AICTE Sponsored Workshop On Developing Green Stone Digital Libraries | Workshop | 20-24 Jan. | 2014 | 5 Days | T.A. Pai Management Institute, Manipal | TAPMI premises, Manipal | Karnataka |

| Sl. no. | Name of Program | Type | Date | Year | Duration | Host Institution | Place | State |
|---------|--|-----------------------------|-------------|------|----------|---|---|-------------|
| 66 | One Day Workshop on "Digital Library and Journal | Workshop | 11-Aug | 2014 | 1 Days | Informatics Publishing Limited, Bangalore | University Library Conference Hall, J N T University Hyderabad, Kukatpally, Hyderabad, Telangana Bangalore, Karnataka | Telangana |
| 67 | The National Conference on "Trends in Management of Academic Libraries in Digital Environment (TMALDEN-2014) | Conference | 19 -20 Dec. | 2014 | 2 Days | Jain University, Bangalore, Karnataka | | Karnataka |
| 68 | UGC sponsored One-day National Workshop on DSPACE: An Open Source Software For Digital Library Initiatives | Workshop | 10 Jan. | 2015 | 1 Days | Department of Library and Information Science, Bharathidasan, University, Tiruchirapalli , Tamil Nadu | Department of Library and Information Science, Bharathidasan, University, Tiruchirapalli , Tamil Nadu | Tamil Nadu |
| 69 | Two Days Advanced National Training in Digital Library Management using DSpace. | Short Term Training Program | 24-25 April | 2015 | 2 Days | The Kerala Agricultural University collaboration with the Academic Library Association | The Kerala Agricultural University, Central Library, Thrissur, Kerala | Kerala |
| 70 | Two-Day UGC Sponsored National Workshop on "Developing Digital Library using DSpace" | Workshop | 6-7 Aug. | 2015 | 2 Days | Sri Venkataramana Swamy College, Bantwal, Mangalore, Karnataka in collaboration with Dakshina Kannada & Kodagu Library Association. | Sri Venkataramana Swamy College, Bantwal, Mangalore, Karnataka | Karnataka |
| 71 | One week Short Term Course on "Digital Library and E-Resource Management | Short Term Training Program | 17-22 Aug. | 2015 | 1 Week | UGC-HumanResource Development Centre, Mizoram University | Department of Library and Information Science, Mizoram University, Aizawl | Mizoram |
| 72 | User Awareness Program on UGC INFONET Digital Library Consortium | Short Term Training Program | 24-25 Aug. | 2015 | 2 Days | Visva-Bharati Library Network & INFLIBNET | Central Library, Visva-Bharati Library Network, Santiniketan,, Birbhum, West Bengal | West Bengal |
| 73 | National Workshop on Creation of IR using Open Source Software | Workshop | 26-28 Aug. | 2015 | 3 Days | INFLIBNET Centre, Infocity, Gandhinagar, Gujarat | INFLIBNET Centre, Infocity, Gandhinagar, Gujarat | Gujarat |