

REPORT
Three Days Workshop
on

Design & Development of Digital Libraries
Using "DSpace", 21st – 23rd Feb. 2014



Organised by
Knowledge Resources & Relay Centre
(KRRC), AIKTC, New Panvel

INTRODUNTION:

Digital Libraries/Institutional Repositories are increasingly becoming an essential component of academic institutions. An institutional repository showcases scholarly and research output to the wider community, and significantly helps in institutional advancement and outreach. It has the benefit of sharing and marketing research with others. It also provides an opportunity to raise profile and brand awareness of an institution, faculty and students to the global community. Building an effective and successful institutional repository for an academic institution requires careful planning and enthusiasm from the institution's community. There are plenty of open source software are available for institutions planning to build a repository. The libraries need to make critical decisions and choices before designing or redesigning institutional repositories. Among them are the funding, staffing, technology, metadata, content and operations to build, manage and run the institutional repositories successfully.

Knowledge Resources & Relay Centre (Central Library) has set up Institutional Repository archiving facility for the AIKTC'ian research community, using the DSpace open source software. This service enables the researcher to archive their scholarly publications. KRRC had organized a 3 days National workshop on "Design & Development of Digital Libraries Using Dspace" was conducted in our college on 21st to 23rd Feb. 2014. Letter of intimation about the workshop was widely email to colleges in India through the online study circle, librarian community etc, to draw participants. The response was encouraging and total **18 Library Professionals** from Bangalore, Karnataka, Pune, Ratnagiri, Raigad etc had participate.

About DSpace:

Many organizations, both academic and non-academic find it necessary to build their own digital repositories for the documents for which they have copy rights. A good number of articles published in the conferences, symposia, workshops etc. go unnoticed as they are not properly organized and hence not accessible.

DSpace is the ideal software for different types of libraries and commercial organizations building open digital repositories. It is free and easy to install and completely customizable to fit the needs of any type of libraries or organizations and enables open sharing of content without

geographical barriers. DSpace preserves and enables easy and open access to all types of digital content including text, images, moving images, mpegs and data sets. Wider user communities and online support from different corners of the world makes it popular software for building up digital repositories.

Aims and Objectives of the Workshop:

This workshop is intended to equip participants with skills for developing their own digital libraries/institutional repositories. There were lectures as well as intensive hands-on training sessions by experts in the field. Thus it provided both theoretical base and practical skill to the participants.

Objectives of the workshop are as follows –

- Give us chance to learn about the DSpace
- Provide background knowledge of the digital library and its related concepts
- Introduce the digital libraries projects done world wide
- General introduction to Linux and Digital Library software with detailed study on DSpace
- Provide hands-on experience in using DSpace software
- Make the participant able to start a Digital Library/Institution Repository using DSpace

Areas Covered:

The following area was covered in the workshop and hands on practical training will be given in these areas:

- Institutional Repositories and Digital Libraries
- Linux and Basic Commands
- DSpace Installation & Configuration
- DSpace Administration & Customization
- DSpace Workflow & Submissions
- Backup in DSpace

AGENDA

TIME	THEORY & PRACTICAL	RESOURCE PERSON
1st Day: 21st Feb. 2014		
09.30-10.00	Spot Registration	
10.00-10.30	<i>High Tea</i>	
10.30-12.00	Introduction to DSpace Digital Repository Software	Dr. Nanaji Shewale
12.00-01.00	Introduction to World Digital Libraries, Introduction & Installation of LibliveCD	Dr. Nanaji Shewale
01.00-02.30	<i>Lunch Break</i>	
	Inaugural Function	
02.30-02.45	Welcome address	
02.45-03.00	Felicitation	
03.00-03.30	Address by Director	
03.30-04.00	Institutional Repository	Dr. ARD Prasad
04.00-04.30	<i>Tea Break</i>	
04.30-05.00	KRRC Visit	
2nd Day: 22nd Feb. 2014		
09.30-10.00	<i>High Tea</i>	
10.00–01.00	Building Communities & Collections in DSpace, DSpace Workflow	Dr. Sunita Barve
01.00-02.00	<i>Lunch Break</i>	
02.00-04.00	DSpace authorization, discovery, embargo, statistics, access control	Dr. ARD Prasad
04.00-04.15	<i>Tea Break & Group Photo</i>	
04.15-05.00	DSpace OAI-PMH	Dr. ARD Prasad
3rd Day: 23rd Feb. 2014		
09.30-10.00	<i>High Tea</i>	
10.00-11.30	DSpace Authority Control, Controlled Vocabulary	Dr. ARD Prasad
11.30-12.30	DSpace Import/Export	Dr. Sunita Barve & Dr. ARD Prasad
12.30–01.00	DSpace Backup/Restore, Upgrade	Dr. Sunita Barve
01.00-02.00	<i>Lunch Break</i>	
02.00-04.00	DSpace Customization	Dr. Sunita Barve
04.00-04.30	Valedictory Function	
04.30-05.00	Vote of Thanks	

3. PLENARY SESSION:

Dr. Nusrath Junaidi (Prof. of HAAS Dept.) welcomed resource people and the participants of the workshop; gave introductory sentences and opened the session.

4. OPENING REMARKS

Welcome Address by Mr. Abdul Razak Honnutagi, Director, AIKTC, New Panvel

He greeted the honorable Resource Persons Dr. ARD Prasad, Dr. Nanaji Shewale and Dr. Sunita Barve and all the participants. He thanked the participants for coming to the workshop and mentioned the purpose of the workshop and the digital libraries needs in ICT environment. He believed that the practical training sessions would be progressive and beneficial for all participants.

He thanked the committees for the endeavors of this workshop and gave brief historical background of Anjuman-i-Islams and AIKTC. He was very grateful for this workshop.

He thanked everyone for the participations and hoped there would be interesting discussion and fruitful results out of this workshop.

During the program, a DEMO-cum-Training of the software was provided. All participants were given the DVD of the software along with the Installation Guide and User Manual. The participants appreciated the efforts being made by the Resource Persons during the training and hands-on practice. Each session was started with the theory followed by hands on training and ends with the discussion for difficulties.

5. CLOSING REMARKS

On the concluding session certificates were distributed to all the participants and the feedback collects from the participant (*few of them enclosed for your reference*).

Ms. Shaheen Ansair, Librarian, thanked the Management and Director of the AIKTC for managing this workshop and hoped that this workshop would be the benefits of the participants and could foster the value of digital libraries. Gratitude was also addressed to the staffs of KRRC, organizing committee members and the participants. There were also many people that had been involved in this workshop that she would like to thank to.

6. OVERALL BUDGET ANALYSIS:

- **Total Collection:**

Sr. No.	Particulars Details	Total Amt. (Rs.)
1.	Participant Fees	45000.00
2.	Sponsorship	12100.00
	TOTAL	57100.00

- **Total Expenditure:**

Sr. No.	Item Description	Total Amt. (Rs.)
1	Expenditure on 21 st Feb.	13276
2	Expenditure on 22 nd Feb.	6921
3	Expenditure on 23 rd Feb.	20881.50
5	Expenditure on Conveyance	510
	TOTAL	41589

Note: Surplus Income against expenditure is **Rs.15511/-**.

- **Total Expenditure on Resource Person:**

Sr. No.	Item Description	Total Amt. (Rs.)
1	Amount Received From Management	24500.00
2	Amount Utilized	24485.00

7. RESOURCE PERSONS

1. Dr. ARD Prasad, Head and Professor, Documentation Research and Training Centre, Indian Statistical Institute, Bangalore.

Work Experience:

24 yrs of teaching and research in *DRTC, ISI Bangalore* which is India's only "proper" ischool with a very strong research program?

Details of Educational Qualifications:

- Ph.D. – Library and Information Science, Karnataka University
- ADIS – Indian Statistical Institute, Bangalore
- M.Phil. – Philosophy, University of Hyderabad
- M.A. – Philosophy, Andhra University

Achievements:

- *13 Ph.Ds awarded* under his guidance
- Published *4 books*
- about *80 papers* published in International & National Peer Reviewed Journals
- Member, National Mission for Libraries, Constituted by Prime Minister of India, Govt. of India.
- Member, Working Group on Libraries, National Knowledge Commission (NKC).
- *Member, DSpace Governance Advisory Board*, Massachusetts Institute of Technology (MIT), USA.
- Member, Project Evaluation committee on E-Infrastructure, European Commission, Brussels
- *Member, UGC Curriculum* Development Committee
- *Member, UGC ETDs* (Electronic Theses and Dissertations) Guidelines
- Member, Retro-conversion committee of National Library of India
- Consultant, United Nations-Food and Agriculture Organization (UN-FAO), Rome
- *Mentor, Google Summer of Code*

- Visiting Faculty of University of Trento, Italy.
- Member of professional bodies like Indian Association of Special Libraries and Information Centres (IASLIC), Indian Library Association (ILA) & Indian Association of Teachers of Library and Information Science (IATLIS)

Software Developed

1. **Vishwamithra:** An Expert System for classifying documents.
2. **Vyasa:** An Expert System for maintaining Colon Classification scheme.
3. **Panizzi:** Intelligent System for automatic identification of Bibliographic data elements for the title page of documents.
4. **Prometheus:** An Automatic Indexing system using POPSI
5. **Ida:** A Retrospective conversion package for LC, OCLC, BNB and Bookfind CD-ROM Databases (in C++)
6. **Manu:** Thesaurus Construction Program (in PROLOG)
7. **Pygmalion:** To convert downloaded data from Silver Platter and DIALOG CD-ROMs to ISO 2709 format (in C)
8. **Socrates:** A Computer Aided Instruction Shell (in C)

Area of Interest:

Artificial intelligence-Applications in LIS, Natural language processing, Digital Libraries, Hypertext and Multimedia applications, Institutional repository, Open-source software used in Libraries, Open Access to Information, Semantic Web Technology, Free and open source software etc.

His other area of interests are Mythology, Buddhism, Philosophy and Indian History.

For Details of Dr. Prasad Click – [https://en.wikipedia.org/wiki/A. R. D. Prasad](https://en.wikipedia.org/wiki/A._R._D._Prasad) & <http://drtc.isibang.ac.in/DRTC/ardcv.html>

2. Dr. Sunita Barve, Senior Technical Officer, Knowledge Resource Center, National Chemical Laboratory, Dr. Homi Bhabha Road, Pune.

Educational Qualification:

PhD (2009) on “An evaluation of Open Source Software for Building Digital Libraries” under the guidance of Prof. ARD Prasad, Associate Professor, DRTC, ISI Bangalore

Work Experience

- Working in National Chemical Laboratory as a Senior Technical Officer since 20th June 2012.
- Worked in National Centre for Radio Astrophysics, Pune, from September 1991 till 19th June 2012 as a Library-In-Charge.

Awards

- Received *ETD-2013, Travel scholarship* to attend an 16th Electronic Thesis and Dissertation conference at Hong Kong from 23rd September-26th September 2013.
- Received *TELDAP 2011 Travel Support* to attend international TELDAP conference at Taiwan from 16th March to 19th March 2011.
- Received **Library and Information Science V complete funding to attend LISA V conference** which was held from 18-21 June 2006 at Cambridge, Massachusetts, USA.
- Received support to attend **Electronic Thesis and Dissertation conference 2005** which was held in Sydney, Australia.
- Received **Bonnie Hilditch International Science and Technology Librarian Award for the year 2004** from Science and Technology Division of Special Libraries Association, USA.
- Received travel award from **International Federation for Library Association (IFLA)** to attend 69th IFLA conference which took place in Berlin, Germany from 1st August to 9th August **2003**. This travel award was given to 25 candidates from 600 applications from all developing countries.

- Received an **International Membership Librarian Award for the year 2002** from **Special Library Association (SLA)**, USA. Attended the SLA's annual conference which was held from 7th June to 14th June 2002 in Los Angeles in U. S. A.

Publications:

- About **20 publications** in National and International Peer Reviewed Journals.
- **Delivered talks** on many National Seminars and Conferences on new trends, services and technologies in Libraries.
- Attended many National and International Conferences/Seminars/Workshop in India and Abroad.
- Organized an International Conference "Library and Information Services in Astronomy VI" jointly with IUCAA and NCRA during February 2010.

Professional Activities

- **Helping libraries** to set up their digital libraries using open source software such **DSpace** as well as helping libraries to automate their libraries using **Koha**.
- Have helped many libraries to convert their data from excel to MARC format for importing it into Koha.

Research Interests:

Digital Libraries, Institutional Repositories, Digital Preservation, File Formats in Digital Preservation, Digital Library Education, Streaming Technology, Linux Administration (Debian/Ubuntu/Fedora)

Teaching

- Visiting faculty at TISS, Mumbai for PGDLIM course (especially for teaching Koha to students)
- Visiting faculty at TMV for MLISc and M.Phil (Library Science)

For Details of Dr. Sunita Barve Click - <https://sites.google.com/site/sunitabarve2/>

3. Dr. Nanaji Shewale, Librarian, Gokhale Institute of Politics and Economics. Pune.

Work Experience:

- Librarian (Associate Professor), Gokhale Institute of Politics and Economics (GIPE), Pune – Jun 2009 onwards
- Assistant Manager, British Library, Pune – Sep 1998 – May 2009
- Assistant Librarian, British Library, Bangalore – Aug 1996 – Aug 1998
- Librarian, Dental College, Nashik – Dec 1993 – Aug 1994

Education Qualification:

- Ph D** University of Pune Awarded on 29 July 2004, awarded Ph D Degree for the Research work completed on the topic “Compatibility study of AACR2R, MARC21 and WINISIS”, under the guidance of Prof A R D Prasad – Documentation Research and Training Centre (DRTC), Indian Statistical Institute (ISI), Bangalore.
- SET** Qualified Maharashtra State Eligibility Test (SET) for Lectureship conducted by University of Pune as the State Agency held in January 1998.

Achievements

- **Recognized as Ph D / M Phil Guide By** Tilak Maharashtra Vidyapeeth, Pune and YCMOU, Nashik.
- Member of Syllabus Review Committee, Department of Library and Information Science, Shivaji University – Kolhapur.
- **Editor: International Journal of Library Science (ISSN 0975 – 7546)**

Awards

- Received **ETD-2013, Travel scholarship** to attend an 16th Electronic Thesis and Dissertation conference at Hong Kong from 23rd September-26th September 2013.
- Received **TELDAP 2011 Travel Support** to attend international TELDAP conference at Taiwan from 16th March to 19th March 2011.

Publications:

- *Published a book*
- About **25 publications** in National and International Peer Reviewed Journals.
- Delivered **about 150 talks** on many National Seminars and Conferences on new trends, services and technologies in Libraries.
- Attended many National and International Conferences/Seminars/Workshop in India and Abroad.
- Organized many Workshop and Seminars at GIPE, Pune

8. WORKSHOP PARTICIPANTS

Sr. No.	Participant Name	Institute Name	Address	Place
1	Srinivasan Balamurrugan	GITAM University	NH207, Nagadenaballi, Doddaballapur (TK), Bengaluru Rural (Dt.)	Benglore
2	Kulkarni Sunil N.	Institute of Management Edu. & Research	Sy.NO.77, Adarsh Nagar, Vadgaon Rd., Hindwadi, Belgaum – 590011	Karnataka
3	Utekar Sangita G.	D G Tatkare Mahavidyalaya	Nr. By District Court Mangaon, Mangaon	Raigad
4	Joshi Gopal Govind	B.N.A.S.C. College Pen	Nr. Private Highschool, Pen, Raigad – 402107.	Raigad
5	Hase Vishwas	Genba Sopanrao Moze college of engineering	Bldg 02, Flat No 20, Anandnagar, Paud Road, Kothrud, Pune 38	Pune
6	Oak Pradnya Avadhut	Kothari National School	Kondhwa, Pune	Pune
7	Chaturbhuj Santosh	Maharshi Parshuram College of Engineering	Valneshwar College Campus, Tal. Guhagar, Dist. Ratnagiri	Ratnagiri
8	Ansari Bushro Tarannum G.R.	Student	JNL, Mumbai University	Mumbai
9	Chaudhari Pratibha Vilas	Y M T dental College & Hospital	Institutional area, Sector – 4, Khargar, Navi Mumbai 410210	Navi Mumbai
10	Dakhwe Anjum Naeem	Abdul Razak Kalsekar Polytechnic, New Panvel	Hill View Apt., A Wing , 2 nd Floor, Flat No 03,, Bunder Road, Panvel-410206	Navi Mumbai
11	Dilip Jadhav	Anjuman-i-Islam's Institute of Hotel Management	Opp. CST Rly Stn., Mumbai	Mumbai
12	Dongare Sandesh	Shankar Narayan College of Arts & Commerce	Bhayander (E)	Thane
13	Ghanvatkar Rupali Sameer	NES International School	Bldg No 09/10, C Wing, shreepal complex,opp. Hotel Amar, Panchpakhadi, Thane (W) 400602	Thane
14	Khand Mohd Haneef	Anjuman-I-Islam's Akbar Peerbhoy College of Education	Sector.10/A, Plot.15, Vashi	Navi Mumbai
15	Kongere Milind D.	K.J.Somaiya College of Engineering	Vidyanagar, Vidyavihar	Mumbai







16	Sayed Saba Sohail	Anjuman-I-Islam's Dr. MIJ Tibbia Unani medical College	Anjuman-I-Islam's Complex, 60, Yari Road, Versova, Andheri (W)	Mumbai
17	Sayyed Taherabano S.	Abdul Razak Kalsekar Polytechnic, New Panvel	Suraj Complex, C Wing Room No 101, Sector-36, Kamothe, Navi Mumbai	Navi Mumbai
18	Wagh Narendra	Mithibai College	Vile Parle (W)	Mumbai
KRRC Staff:				
19	Shaheen Ansari	Librarian	AIKTC, New Panvel	Navi Mumbai
20	Syed Afaq	Asstt. Librarian	AIKTC, New Panvel	Navi Mumbai
21	Zaid Bakshi	Library Asstt.	AIKTC, New Panvel	Navi Mumbai
22	Saquib Adhikari	Library Asstt.	AIKTC, New Panvel	Navi Mumbai
23	Rupesh Gaonkar	Library Asstt.	AIKTC, New Panvel	Navi Mumbai
24	Sayed Tafsees	-	-	Mumbai

9. ORGANISING COMMITTEE MEMBERS

In order to ensure smooth and effective functioning of DSpace Workshop held on 21st – 23rd Feb. 2014, an Organisation Committee for the same is constituted as follows:

Sr. No.	Faculty/Staff Incharge	School/ Dept.	Designation	Responsibility	Role
1	Mr. Abdul Razak Honnutagi	Director	Chairman	Directly leads and supervises the work of the team	Guidance, planning and execution for effective conduction of workshop
2	Mr. Junaid Maste	CE	Member	Refreshment & Lunch	
3	Mr. Sachin	CO	Member	Technical	
4	Mr. Govind Kadar	EE	Member	Hospitality & Venue Arrangement	
5	Mr. Afzal Nehal	EXTC	Member		
6	Mr. Abusufyan	SoP	Member	Logistics & Accommodation	
7	Mr. Aslam Irani	ME	Member	Inaugural / Valedictory	
8	Dr. Nusrat	HAAS	Member		
9	Ms. Dwijomala Hanjabam	SoA	Member	Discipline/ Supportive Committee	
10	Ms. Saba Shaikh	SoP	Member		
11	Ms. Shaheen Ansari	KRRC	Member Secretary		

GLIMPSES

Day1: 21 st Feb. 2014	Day2: 22 nd Feb. 2014	Day3: 23 rd Feb. 2014
		
		

Smia
 (Shaheen Momin)
 Librarian



[Signature]
 Dr. Abdul Razak Honnutagi
 Director, AIKTC