

***Curriculum Vitae of***  
***Dr. ADITYA TRIPATHI***  
***Assistant Professor***

Department of Library and Information Science  
Banaras Hindu University  
Varanasi – 221 005

**Email:** ✉

aditya@bhu.ac.in  
adityatripathi@hotmail.com

**Tel:** ☎

+91542 670 1027 (Off.)  
+91 9450 710628 (Mob.)  
+91542 257 0099 (Res.)

## **PROFILE**

I am working as Assistant Professor, Department of Library and Information Science, Banaras Hindu University, Varanasi. I am working on Multilingual Information Retrieval System, Design and Development of Digital Libraries, e-learning, Website designing, Automated Indexing Tools, Machine Readable Cataloguing, Metadata, Semantic Web, xEtenible MarkUp Language, etc. I have organized one national level workshop, one national level conference and one national level seminar.

I have served as a resource person for several workshops and training programs around India. I have several publications to my credit. I am involved and contributed to courses run by Indira Gandhi National Open University, New Delhi and Hyderabad University, Hyderabad. I have visited Germany under Goethe Institute Award and Thailand under Eastweb Fellowship. I am able to work on my own initiative or also as part of a team.

I am an alumnus of Indian Statistical Institute (ISI). I have carried out my Associateship in Documentation and Information Science (ADIS) and Doctor of Philosophy from Documentation Research and Training Centre (DRTC), Indian Statistical Institute (ISI), Bangalore.

## **WORK EXPERIENCE**

I have more than six years of teaching experience in the field of library and information science. I have taught the students of ADIS at ISI, Bangalore since 2001. I have taught the students of ADIS eq. to M.Lib.I.Sc. till 2004 at Documentation Research and Training Centre (DRTC), Indian Statistical Institute (ISI), Bangalore there after I am teaching at Department of Library and Information Science, Banaras Hindu University.

I have successfully supervised one thesis at Banaras Hindu University on the topic “Evaluating Indian Academic and Research Library Websites based on Web Impact Factor Analysis” by Mr. Akhandanand Shukla.

I have been working at Department of Banaras Hindu University, Varanasi since September, 2004. I am involved in the following activities at BHU,

- Presented a working model of Major Discipline (IRMD) based Multilingual Institutional Repository on DSpace
- I have been invited as resource person at several places to conduct a training program on DSpace and Greenstone digital library software.
- Created OPAC of university Thesis and Dissertation over university intranet.
- I have good knowledge of library automation and digital library. I was an active member of University Central Library Automation Committee.
- I have automated library of Basant Kanya Mahavidyalaya, Varanasi
- I have automated library of Department of Library and Information Science, BHU, Varanasi

- I have conducted National Workshop in 2005, National Conference in 2006 National Seminar in 2009
- I have been teaching at the Department, IT tools and techniques to the students of Bachelors (discontinued) and Masters students of Library and Information Science.
- I served as guest faculty at Department of Journalism and Mass communication for teaching IT to the students of Master of Journalism and Mass communication and University of Marathwada, Aurangabad, Maharashtra.

I have visited Germany under Digital library project of Goethe Institute, New Delhi. During my visit,

- I had explored possibility of future collaboration between professionals of both countries
- I had demonstrated and established a DSpace based institutional repository with German and English interface at Research Centre Jullich, Germany

I have contributed to several modules of E-learning course of above said project as a member of the project team.

I visited Bangkok, Thailand to attend Asian Semantic Web School under EastWeb fellowship in year 2008.

I have worked at DRTC since September 2000 to September 2004 in the capacity of Junior Research Fellow and Senior Research Fellow. During this period I had accomplished the following:

- Teaching ADIS course for more than 3 years
- I have developed testbed Digital libraries for DRTC on Greenstone, WWWISIS
- I have been Course content writer for Indira Gandhi National Open University (IGNOU) for PGDLAN and M.Lib.I.Sc. course
- I have also worked with retrospective conversion of library data using XSLT
- I have developed websites for,
  - Documentation Research & Training Centre <http://drtc.isibang.ac.in>
  - Indian Association of Special Libraries and Information Centres <http://www.iaslic.org>  
(no more in existence)

## ADMINISTRATIVE RESPONSIBILITIES

- Coordinator Training and Placement Cell, Department of Library and Information Science till 2009, BHU, Varanasi
- Coordinator, Web Committee, Faculty of Arts, Banaras Hindu University, Varanasi.
- Coordinator, Examinations, Faculty of Arts, Banaras Hindu University, Varanasi.

## COMPUTER EXPERIENCE

<b>Operating System</b>	: MS- DOS, LINUX, Windows 9x, Windows ME, Windows 2000, Windows XP
<b>DBMS Packages</b>	: CDS/ISIS, WINISIS, MySQL, PostGreSQL
<b>Computer Languages</b>	: Pascal, Prolog, Java, PERL
<b>Packages</b>	: MS-Office, Open Office, Corel Word Perfect Suit 8, Micrografx Flowcharter etc.
<b>OCR Packages</b>	: Omnipage Pro
<b>Web Page Designing</b>	: HTML, XML, MS-Front Page, Dream weaver, XML Spy Suite.
<b>Image Editor</b>	: Adobe Photoshop
<b>Web Interfacing</b>	: WWWISIS, Active Server Pages, Java Server Pages, PHP
<b>Digital Library Software</b>	: GreenStone, Dspace
<b>Library Database</b>	: LISA PLUS
<b>Servers</b>	: Apache, IIS, Zebra, Tomcat

I have worked with Z39.50 protocol client/server environment. I have worked with Z39.50 compliant software like Zap, MarcEdit, etc. I do the beta testing regularly of MarcEdit whenever there is a new release and report the bugs to author of the software.

## ACADEMIC QUALIFICATION

- **Doctor of Philosophy** (Ph.D) from University of Pune, Pune, 2005.
- **Associateship in Documentation and Information Science eq. MLIS** from Documentation Research & Training Centre, Indian Statistical Institute, Bangalore, first rank with 73% of marks in year 2000
- **Bachelor of Library and Information Science** from Banaras Hindu University, Varanasi with 60% marks in year 1998
- **Bachelor of Science (Hons.)** from Banaras Hindu University, Varanasi with Chemistry (Hons.), Botany and Geology, 61% marks in year 1997
- **Intermediate (10+2)** from UP Board, Varanasi with Physics, Chemistry and Biology, 68% marks in year 1993
- **High-School (10<sup>th</sup>)** from UP Board, Varanasi with Science group, 68 % marks in year 1993

## THESIS

On 'Design and Development of Multilingual Information Retrieval System with Numeric MARC' at University of Pune, Pune, for **Doctor of Philosophy**. Place of work was ISI, Bangalore.

## PROJECT DISSERTATIONS

- An Approach to ISO Implementation in Service Sectors: Particularly Libraries: Covers Total Quality Management concept for the Libraries. Guides librarians for implementation of ISO 9000. Provides interpretation of ISO 9000 clauses for libraries as well as service sectors.
- Guidelines for ISO 9000: 1994 Implementation and Certification for libraries: This is a complete toolkit for libraries which are going for ISO certification. The toolkit follows 1994 version of ISO 9000.

## PUBLICATIONS

### Books

1. Open Source Library Solutions [Edited by Aditya Tripathi, H N Prasad and Rajani Mishra], Ess Ess, New Delhi, ISBN 9788170006237, 2010.
2. Multilingual Information Retrieval System with MARC21: A Study with Indian Languages, VDM Verlag Dr. Müller, ISBN-10: 3639240138, ISBN-13: 978-3639240139, 2010
3. Community Information Service: Challenges and Opportunities for Libraries [Edited by H. N. Prasad, Aditya Tripathi, B. Mukerjee and M. Tripathi]

### International Publications

1. Sneha Tripathi and Aditya Tripathi. Privacy in libraries: the perspective from India, Library Review, 59 (8), pp.615 – 623, 2010.

2. Aditya Tripathi. Saraswati: A Cross-lingual Sanskrit Digital Library. Library Hi-Tech News, 26 (10) 2009.
3. Aditya Tripathi. **Indian Digital Library Movement: Need of an Indian Initiative at CALIBER, University of Allahabad**, Allahabad, 2008.
4. Devika Madalli, A.R.D.Prasad and Aditya Tripathi. **Organized display of Internet search results: ASP based model for retrieved resources using Dublin Core metadata element set. IN International Conference on Communications, Internet, and Information Technology (CIIT 2002), IASTED, Massachusetts, USA, Nov 4-6 2002.**
5. Sneha Tripathi and Aditya Tripathi. Digital Libraries in Indian Languages: Some Provocative Thoughts presented at ICSD Documentation Research and Training Centre, Bangalore, Feb 21 – 23 2007.

#### **In Conferences, Workshops and Seminars**

1. Aditya Tripathi. **Total Quality** Management through ISO 9000 in Libraries and Information Centres presented at IASLIC XXII ALL INDIA CONFERENCE held from 28th - 31st Dec.1999 at Dr. B. R. Ambedkar University, AGRA.
2. Aditya Tripathi. **AgNIC**: Agriculture Network Information Centre presented at DRTC Conference on Electronic Sources held from 1st – 3rd March 2000 at Indian Statistical Institute, Bangalore.
3. Aditya Tripathi. **Knowledge Management**: An Introduction to Plan a System XIX National Seminar of IASLIC held at Bhopal, November, 2000.
4. Aditya Tripathi. Unifying Character-set Codes presented at DRTC Workshop on Multimedia and Internet Technologies, held at DRTC, Bangalore, February, 2001.
5. Aditya Tripathi. Metamorphism of Libraries presented at Creation and Management of Digital Resources, CALIBER 2001 held at Pune University, Pune, 2001.
6. Aditya Tripathi. **Content generation-through** XML presented at XXIII All India IASLIC Conference held at University of Kerala, Thiruvananthapuram, 2001.
7. Aditya Tripathi. eXtensible Markup Language: A Tutorial IN Workshop on Digitization of Print Materials held at Osmania University, Hyderabad, 24 – 31 January, 2002.
8. Aditya Tripathi. Customizing Web Search with Ht://Dig presented at OCLC-NISSAT-DRTC Joint Workshop on Information Resource Management held at DRTC Bangalore, March 2002.
9. Aditya Tripathi. Resource Description Framework: A Tutorial for Developing Web Ontology presented at Workshop on Semantic Web held at DRTC Bangalore, December 2003.
10. Aditya Tripathi. Metadata Crosswalks with MarcEdit using XSLT presented at Workshop on Semantic Web held at DRTC Bangalore, December 2003.
11. Aditya Tripathi and Sneha Tripathi. Extending Library Service through Community Information Network presented at XXXIV IASLIC Conference 15 - 18 December 2003, held at Dehradun.
12. Aditya Tripathi. Creating Digital Library with WWWISIS presented at National Workshop on Web Application to Libraries and Information Centres February 2005, held at Banaras Hindu University, Varanasi.

13. H. N. Prasad and Aditya Tripathi. Community Information Systems: An Indian Overview presented at National Conference on Community Information Services: Challenges and Opportunities for Libraries, 20<sup>th</sup> – 22<sup>nd</sup>, March, 2006 at Department of Library and Information Science, Banaras Hindu University.
14. Aditya Tripathi and Sneha Tripathi. Data Documentation Initiative: An Expressway to Social Science Research published in the proceedings of National Seminar on Access to Social Science Information at Vidyasagar University. [In press]
15. Sneha Tripathi and Aditya Tripathi. A Boon to Research Methodology and Data Analysis: Data Documentation Initiative published in the proceedings of National Seminar on Social Science Information at IASLIC, Kolkata. [In press]
16. Aditya Tripathi and Dimple Patel. Conceptual Framework for Knowledge transactions within an organization at National Workshop on Knowledge Transaction held at DRTC Bangalore, 15<sup>th</sup> -17<sup>th</sup> February, 2010
17. Nanaji G. Shewale and Aditya Tripathi. Data Documentation Initiative and its Application in Social Science Institutes at National Workshop on Knowledge Transaction held at DRTC Bangalore, 15<sup>th</sup> - 17<sup>th</sup> February, 2010
18. Aditya Tripathi and Sneha Tripathi. Indexing the Web Information: Search and Retrieval Issues at National Workshop on Knowledge Transaction held at DRTC Bangalore, 15<sup>th</sup> -17<sup>th</sup> February, 2010
19. H. N. Prasad and Aditya Tripathi. Open Source Software@DLIS-BHU In Open Source Library Solutions. Ess Ess, New Delhi, 2010
20. Aditya Tripathi. A Road Map to Library Automation presented New Dimensions in Library Management organized by SBES College of Science and BAMU, Aurangabad, 30 -31 August 2010. [invited lecture]
21. Aditya Tripathi and Rajani Mishra. E-learning – Perspective and Challenges for India in Advances in Digital Library Development edited by Dr. Antony Jose, MacMillan : New Delhi, 2012, ISBN 978935059775, pp.373-377.

#### **In Learned Periodicals**

1. Aditya Tripathi. RDF for Organized Searching. DESIDOC Bulletin, 21 (4 & 5) July – Sept. 2001.
2. Aditya Tripathi and Pallavi. Emergent Questions in Federated Text Retrieval and related Protocols. IASLIC Bulletin, 53 (3), 2008.
3. Akhandanand Shukla and Aditya Tripathi. Webometric Analysis of Institutes of National Importance. IASLIC Bulletin, 53(3), 2009.
4. Akhandanand Shukla and Aditya Tripathi. Establishing Content Awareness Evaluation Criteria for Library Websites: A Case Study of Indian Academic Library Websites, Annals of Library Studies. [Accepted for Publication]

#### **Tutorials and invited Lectures**

1. National Workshop on Library Automation Tool Koha 10<sup>th</sup> – 12<sup>th</sup> August 2012, IIIT Gwalior.

2. National Workshop on FLOSS based Library Digitization Software - DSpace, June 30<sup>th</sup> – July 2<sup>nd</sup>, 2012, Gyan Sagar Central Library of Regional College of Management Autonomous (RCMA), Bhubaneswar, Odisha.
3. National Seminar on Managing Electronic Theses and Dissertations (ETDs) March 22-23, 2012 (Etd-unclear issues for Indian Universities by D. Aditya Tripathi, BHU, Varanasi)
4. National Seminar on “Intellectual Property Innovation Management in Knowledge Era” on 21st February 2012 at Birla Institute of Technology, Mesra (Social Networking)
5. Social Networking in 60<sup>th</sup> Orientation Course, Academic Staff College, Banaras Hindu University 23<sup>rd</sup> February – 21<sup>st</sup> March, 2012
6. National Workshop on Web 2.0 Tools and Techniques for LIS Services, on 10 – 11 August 2011 GIPE, Pune. (Social Networking)
7. Workshop-cum-Training Program on Koha, 1<sup>st</sup> June, 2011 – 7<sup>th</sup> June, 2011, Department of Library & Information Science, Mizoram University.
8. Digital Preservation and Access to Indian Cultural Heritage with special reference to IGNCA Cultural Knowledge Resources" during 31st January and 1st February, 2009.
9. Institutional Repositories in Refresher Course at Academic Staff College, BHU, Varanasi, 2009.
10. Digital Libraries in Refresher Course at Academic Staff College, BAMU, Aurangabad, 2009.
11. Content Management System using Open Source Software at CALIBER University of Allahabad, Allahabad, 2008.
12. National Workshop on Open Source Software: Greenstone Digital Library at IIM Lucknow, Lucknow, September 23<sup>rd</sup> – 26<sup>th</sup>, 2009.
13. Digitization of Resources using Open Source Software: Greenstone Digital Library at IIM, Lucknow jointly organized by IIM, Lucknow, September 23<sup>rd</sup> – 26<sup>th</sup>, 2008.
14. 4-days Training Workshop on Designing Institutional Digital Repository on Social Sciences organized by University of Kalyani in collaboration with NASSDOC ICSSR, New Delhi, March 11<sup>th</sup> – 14<sup>th</sup>, 2008.
15. Digitization of Resources using Open Source Software: Greenstone Digital Library at IIM, Lucknow jointly organized by IIM, Lucknow and National Social Science Documentation Centre, ICSSR, New Delhi, September 23<sup>rd</sup> – 27<sup>th</sup>, 2007.
16. National Seminar on Access to Social Science Information organized by Vidyasagar University in collaboration with NASSDOC ICSSR, New Delhi, February 7<sup>th</sup> – 8<sup>th</sup>, 2007.
17. Training Program for NGO Gateway for the NGO working in HIV/AIDS program organized by UNAIDS, New Delhi at Lucknow, 2007.
18. Workshop on Open Source Movement and the use of DSpace Software organised by Indian Association of Special Libraries & Information Centres (IASLIC), November 28 - December 01, 2006.
19. Workshop on creating digital libraries using DSpace - an Open Source Software. National Centre for Radio Astrophysics, Pune, July 24<sup>th</sup> – 26<sup>th</sup>, 2006.

20. Workshop on Digital Library and E-learning at Max Muller Bhawan, New Delhi, May 2006.
21. Workshop on Building Digital Libraries was organised by Birla Institute of Technology and Science (BITS), Pilani in collaboration with the INFLIBNET Centre, Ahmedabad on November, 29<sup>th</sup> – December 3<sup>rd</sup>, 2004.
22. Workshop on Developing a Digital Library using Dspace. Osamnia University, Hyderabad from June 28<sup>th</sup> - July 3<sup>rd</sup> 2004.
23. Seminar on Digital Libraries. Don BoSco Engineering College. Bangalore, 2004
24. Workshop on Creating Digital Libraries organised by Central Leather Research Institute. Chennai, 2003.
25. Workshop on Developing a Digital Library using GSDL. Osamnia University, Hyderabad, 2002.

### **Course Material Preparation**

I have written following chapters for Postgraduate Diploma in Library Automation and Networking for Indira Gandhi National Open University (IGNOU),

- Content Analysis: Quantitative and Qualitative aspects
- Content Analysis: Applications (Generation of Information Services and Products)
- An Introduction to Knowledge Management

I am also involved in updating the course of Master of Library and Information Science, Indira Gandhi National Open University (IGNOU) and written 7 units.

I have written chapters in Postgraduate Diploma in Library Automation and Networking for Hyderabad University, Hyderabad.

### **EVENTS ORGANIZED**

1. National Workshop on Web Applications to Libraries and Information Centres, 2<sup>nd</sup> – 4<sup>th</sup> February, 2005 at Department of Library and Information Science, Banaras Hindu University.
2. National Conference on Community Information Services: Challenges and Opportunities for Libraries, 20<sup>th</sup> – 22<sup>nd</sup>, March, 2006 at Department of Library and Information Science, Banaras Hindu University.
3. Workshop on Webpage Designing in collaboration with Department of Journalism and Masscommunication, Banaras Hindu University, Varanasi.
4. Workshop for the University students on Application of Web Technology in Libraries and Information Centres, 8<sup>th</sup> - 29<sup>th</sup>, May, 2008.
5. National Seminar on Open Source Library Solutions (OSLS) to be held, 16<sup>th</sup> – 17<sup>th</sup> January, 2009

### **SYSTEMS DEVELOPED**

BRASS	A Multilingual Information Retrieval System based on MARC21. The system takes bibliographic record in one of the Indian script and generates output into desired Indian script on-the-fly at the time of search. Search can be done in the Indian script.
OPAC	Online Public Access Catalogue (OPAC) of Thesis and Dissertation is developed for Central Library BHU. The OPAC of Books, Rare Books and Manuscripts are in progress.

## MEMBER OF PROFESSIONAL BODY

Indian Association of Special Libraries and Information Centres (IASLIC)  
Ex-Council member of Indian Association of Special Libraries and Information Centres (IASLIC)

## PERSONNEL INFORMATION

**Name** : **Dr. ADITYA TRIPATHI**  
**Designation** : Assistant Professor  
**Scale** : 15600 – 39100 Grade pay 7000 (INR)  
**Father's name** : Shri. M. D. Tripathi  
**Date of birth** : 26/10/1976  
**Address** : Department of Library and Information Science  
 Banaras Hindu University  
 Varanasi – 221 005  
**Permanent Address** : Dr. Aditya Tripathi  
 Teacher's Flat 20, Tyagraj Colony  
 Varanasi – 221 005  
**Email** : [aditya@bhu.ac.in](mailto:aditya@bhu.ac.in)  
[adityatripathi@hotmail.com](mailto:adityatripathi@hotmail.com)  
**Phone** : +91542 670 1027 (Off.)  
 +91 9450 710628 (Mob.)  
 +91542 257 0099 (Res.)  
**Marital status** : Married  
**Nationality** : Indian

## REFERENCES

**Prof. H. N. Prasad**  
 Department of Library and Information Science  
 Banaras Hindu University  
 Varanasi – 221 005  
 E-mail [hnprasad.bhu@gmail.com](mailto:hnprasad.bhu@gmail.com)  
 Phone 91-542-257 5233 (Res.)  
 Mobile 91 9415336709

**Prof. P.K. Panigrahi**  
 Department of Library and Information Science  
 Calcutta University  
 Third Floor, Asutosh Building  
 87/1, College Street, Kolkata - 700 073  
 West Bengal, India  
 Email: [panigrahipk@yahoo.com](mailto:panigrahipk@yahoo.com)  
 Phone: 91 9434243522

**Prof. Juran Krishna Sarkhel**  
 Department of Library and Information Science  
 University of Kalyani  
 Kalayani, Nadia, West Bengal  
 Email: [jksarkhel@hotmail.com](mailto:jksarkhel@hotmail.com)  
 Phone: 9433175705



