

CURRICULUM VITAE

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CAREER OBJECTIVE

To excel in the field of Library and Information Centre with IT environment and to obtain the zenith of my career through the knowledge & skills for the excellence of the organization & my own development.

EDUCATIONAL QUALIFICATIONS

SN	INSTITUTION / UNIVERSITY/ BOARD	YEAR	EXAMINATION/ DEGREE	SUBJECTS	MARKS OBTAINED % & DIVISION
1	University of Pune, Pune	Registered on August, 2004	<i>Registered for doctoral degree (Ph.D.) in Library and Information Science on the topic "Information-seeking Behavior of Users in Astronomy Information Centers and Libraries in India: The Impact of New Information Technology"</i>	Library & Information Science	Research work in progress (Recent Six - monthly reports has been submitted on 01/08/2008) (Thesis writing is in process)
1	Dr. Harisingh Gour University, Sagar (M.P.)	1996-1997	M. Lib. I. Sc.	-do-	60.40%, I- Division
2	Dr. Harisingh Gour University, Sagar (M.P.)	1994-1995	B. Lib. I. Sc.	-do-	60.50%, I- Division
3	Dr. Harisingh Gour University, Sagar (M.P.)	1993	B.Sc.	Mathematics, Chemistry, Geology	54.33%, II- Division
4	Swedish Mission Higher Secondary School, Sagar (M.P.)	1990	12 th Class	Mathematics, Physics, Chemistry	54.12%, II-Division
5	Swedish Mission Higher Secondary School, Sagar (M.P.)	1988	10 th Class	All Subjects	59%, II-Division

PROFESSIONAL EXPERIENCE

SN	Employer/ Institute	Period of Service From To	Post held pay scale and basic pay
1	Inter-University Center for Astronomy and Astrophysics, Pune	12/05/2008 To present	Scientific Officer-B (6500-200-10200)(Pre-Revised)
2	Inter-University Center for Astronomy and Astrophysics, Pune	21/04/2002 to 11/05/2008	Scientific/Technical Assistant -III, (5500-175-9000)
3	Inter-University Center for Astronomy and Astrophysics, Pune	21/04/1997 To 20/04/2002	Scientific/Technical Assistant -II, (5000-150-8000)
4	Center for Advanced Technology, Indore (M.P.)	17/02/1997 To 18/04/1997	As Trainee (Consolidated)

TRAINING / WORKSHOP ATTENDED

1. **Training Workshop on Building Digital Libraries, using Dspace** : Participated in workshop on building Digital Libraries using Dspace Software (On Linux based environment), Organized by Birla Institute of Technology and Science, Pilani and INFLIBNET Centre, Ahmadabad and supported by University Grants Commission, Delhi, during from 29th Nov., 29- Dec. 02, 2004,
2. **Workshop on Building Digital Archive using advanced features of Greenstone Digital Library Software**: I have got opportunities to attend advance level Workshop on Building Digital Archive using advanced features of GSDL” organized by TERI, New Delhi during 8-10 Jan 2008 and created demo archive of some collection using attended GSDL training experiences. The GSDL Demo site can be seen in the following intranet LAN site: <http://192.168.12.22/gsdlib/cgi-bin/library.exe>
3. **Workshop on Open Source Standards and Software in Libraries: Spotlight on NewGenLib** : We (IUCAA Library Staff) have got opportunities organized three days workshop Open Source Standards and Software in Libraries: Spotlight on NewGenLib organized by Organized by Inter-University Centre for Astronomy and Astrophysics (IUCAA) Library, Pune and NewGenLib Foundation, Hyderabad during Sept. 17-19, 2008 and got expertise to installed and successfully runs Open Source Software, Library Automation Software : NewGenLib.

Topics covered under workshops on Dspace & GSDL	Topics covered under workshop on NewGenLib
<ul style="list-style-type: none"> • Digital libraries – Current scenario • Open sources paradigm in e- content management • Linux – introduction and installation • Overview and installation of D space/Greenstone • D space/Greenstone administration and customization • Metadata Standards, Dublin Core • OAI- PMH v 2.0 • Unicode and Indian Languages • Copyright matters 	<ul style="list-style-type: none"> • The paradigms of the open source movement and the pros and cons of open source soft wares. • The underlying metadata and interoperability standards on which NewGenLib is predicated and how these are used in NewGenLib via hands- exercises. • Hands-on installation of the server and client side software on windows and Linux OS. • The functionality of the software for database development using direct import and the Z39.50 protocol from web sources of metadata in MARC-21 • Serials management in NewGenLib

RESEARCH INTEREST

Registered for PhD. (DOCTOR OF PHILOSOPHY) IN LIBRARY AND INFORMATION SCIENCE on the following topic:
Information-seeking Behavior of Users in Astronomy Information Centres and Libraries in India: The Impact of New Information Technology Under the Supervision of Dr. Surya Nath Singh Head, Information Centre & Library National Institute of Virology (ICMR) 20- A, Dr. Ambedkar Road Post Box no. 11 Pune – 411 001 from the DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE UNIVERSITY OF PUNE, PUNE- 411007.

I had attended the 27th Meeting of the **Astronomical Society of India (ASI)**, hosted by the Indian Institute of Astrophysics, Bangalore during **February 18-20, 2009** for got interaction and feedback (Survey) from around 250 astronomers/scientists/users working in different astronomy organizations/Institutions/Depts./Colleges in India.

AREA OF INTEREST

- Analyzing Bibliographical Databases Data Processing, Data Scanning , Database Management
- Building and Managing Digital Libraries using Dspace & Greenstone Digital Libraries Software
- Cataloguing of books in AACR2 and Classification of books through DDC and UDC
- E-Resource/Journal Subscription acquisition and Consortium formation and subscription of e-journals/Database

- Content Management and Creation Web-pages and Design and Development of Databases Information
- Digital Collection, management and Copy Right Issues
- Digitization of libraries including Digitization of own print collections (Annual reports, Bulletin, Old research papers)
- E-publishing using Open Source software like Online Journal System (OJS) and Online Conference System (OCS) and Open Archive Initiative Protocol for Metadata Harvesting
- IT applications in libraries, Library automation and networking and Information Management
- Information Seeking Behavior of Users (Astronomers/Scientists)
- Library administration and management
- Performing CD-ROM and Online searches using NAS server on intranet as well as internet
- RFID Implementation and Security System
- Creating Web based Library & Information services to serve users

Technical Skills

Computer proficiency: Capable to handle following software and packages

- Operating System: Windows-98, 2000, XP and Vista
- Linux based operating system: Fedora, Red Hat, Mandriva, etc.
- Working skilled in Adobe Acrobat, Adobe Photoshop, Microsoft Office 2007, Microsoft Office Suite, MS SQL Server 7.0, Ghost view, Apache HTTP Server (Configuration, etc.)
- Bar-code software, Security system in library, OCR
- Internet applications: Web designing using HTML, E-Mail, Remote login (Telnet), File Transfer Protocol (FTP), Web server and Internet searches.
- Working knowledge of Local area network, Internet (through Microsoft explorer, Netscape), FTP, E-mail facility, Online access of Library databases on Internet As online journals, Online catalogue, and E-Resources, etc.
- CD-ROM database Searching (MEDLINE, INSPEC) BIOSIS, AGRIS) and Online (DIALOG) searching.
- STN (Science and Technology Network.)
- Database Management in MySQL, PostgreSQL server
- Information Retrieval Management
- Data conversion
- Analyzing Bibliographical Databases
- Knowledge of Open source Digital library software in Greenstone, Dspace, OJS (Open Journal System), and OCS, (Open Conference systems), PKP Open Archive Harvester, etc.
- Performing CD-ROM and Online searches and NAS server
- Networking & Windows and Linux Server Administration
- Familiarity with C++ , JAVA, Perl CGI
- Working knowledge of Library software in SLIM++, SLIM21 CDS/ISIS, LIBSYS

RELEVANT WORK EXPERIENCE

Present responsibility: As being Scientific Officer-B at Library, Inter-University Centre for Astronomy and Astrophysics.

- Responsible for planning and managing all library services, resources, and sub-ordinate staffs, through initiative, coordination, example, and delegation, and responsible for establishing library budgets, planning purchases and expenditures.
- Being library professional, my job is to collect, organize and manage information resources in a variety of such documents/books, periodicals including print and online, DVDs, CDs and cassettes along with online e-resources such as free/open sources archive/database as well as negotiate being consortium member for commercial database/archive as per users requirements.
- Being specialized in journal section my job to get done works related to serial control as renewal of journals, new journal subscription, daily receipt of journals, works related to reminder of loose issues of journals, works related to activation of full text access of subscribed online journals, Online journals available through UGC-INFO Net, regular updating of IUCAA library homepage and well as its online journals page on regular basis : <http://www.iucaa.ernet.in/~library/Online1.html>.
- As well as handle agreements for journals online access with supplier/publishers as FORSA UCP Consortium, Agreements with Science Direct for back only online Elsevier journals, Agreements with NPG for nature online, with AAAS for Science online, As a library professional, participate in and contribute to regional and state-wide consortia and other collaborative, etc.

- Evaluated technology needs of the library, academic users; analyzed, recommended and maintained hardware, software and data communication products used in the library.
- Designed, tested and constructed website for newly combined department, focusing upon issues of accessibility, navigability and ease of maintenance. (<http://www.iucaa.ernet.in/~library>).
- Works related to handle computer and its peripheral related small problems for library Automation activities and responsible to get updated and corrected library automation software slim21 which being used in our library.
- Facilitate information literacy services within Library by evaluating, implementing and developing instruction-related web information tools and systems for new users and visitors.
- Ensuring library and information services to more & more client-focused and more integrated into teaching, learning, and research activities and fulfilling of demands for technology-related services, the digitization of collections, and technology rich user environments.
- Digital library activities and services: With the initiate to Digital library activities and services and with experience attain by me from the attended Workshop on " Building Digital Archive using advanced features of Greenstone Digital Library Software" and "Training Workshop on Building Digital Libraries, using D space" had plan to create archive for IUCAA photo-gallery, lectures/ presentation given in conference/workshop being held in IUCAA and archive of news clipping about IUCAA collected from different newspapers received in library and had created archive which can be accessed through LAN from following site: <http://192.168.12.22/gSDL/cgi-bin/library.exe>
- Creating archive in NAS (Network Attached Server): The library has acquired a NAS with the aim to encourage better utilization of the electronic resources available in the library, being asked to identify the appropriate measures to implement the same. To attain the given aims, we had started jobs as updating all CDs/DVDs database in system as well arranging physically the same and selected CDs/DVDs from collections, which being dump/store in NAS server and available on intranet.
- IUCAA Preprint (Research Papers): Responsible for display IUCAA preprints received in the library from scientists/users which involves assigning a preprint number, displaying the same in the library preprint display area, distribution of the preprints as per the author's mailing list and making the e-access to the preprints accessible from the IUCAA library Homepage.
- Reprint/Page Charge Section: - Responsible for to create & send reprint/page charge order of member's manuscripts, and keep its record, including making its inward register of reprint/page charge year wise.
- Reference Service: Providing reference service to the in-house scientific community/visiting associates/visitors as well as requests received from outside through our available collection/ Internet/ Intranet as well as through Inter-library loan and keeps interaction with visitors and visiting associates to enhance the library services as well as improve shortcoming if any by discussing with them on time to time for improvements of library services and assist to IUCAA members / Associates/ Senior Associates/ visitors for our online facilities of journals as how to search the references/ required information through Internet.
- And responsible for jobs such as weeded out task of duplicate issues, miscellaneous publications, non-scientific journals of journals, works related to binding works of loose issues of journals, circulation works, annual physical verification of library documents, reader permit application, handle the library Science students visit programs, and handle institutional membership of British Council Library and American Center.

PUBLICATIONS / SEMINARS /PRESENTATIONS

1. Actively participated in organizing IUCAA library's One day Seminar on the "**The Information age: Challenges and Opportunities for the Library Profession**" which was organized in IUCAA on Tuesday December 26, 2000.
2. Attended the Tutorial on "**METADATA**" held at University of Pune, On March 14, 2001 organized by Jayakar Library, Dept. of Lib & Information Science, University of Pune and INFLIBNET Centre,
3. Attended the National Convention on "**Creation and Management of Digital Resources**" **CALIBER-2001** held at University of Pune, Pune from March 15-16, 2001 organized by Jayakar Library, Dept. of Lib. & Inf. Sc. University of Pune and INFLIBNET centre.
4. Attended the one day Seminar on **Technology & Change Management for Libraries on Sept. 24, 2002**, at Mumbai, which was jointly organized by BOSLA (Bombay Special Library Association, IASLIC (Indian Association of Special Libraries and Information Centers & The British Library on the Theme: Technology and Change Management for Libraries at IT ERA
5. Attended and presented a paper entitled "**Analysis of Licensing Agreements for Digital Resources: Guidelines for negotiations by librarians with publishers/right holders**" in the NACLIN -2002 (National Convention on Library & Information Network) On Oct. 21-

- 24 at KOCHI, Kerala, which was jointly organized by DELNET (Delhi Library Network) & CUSAT (Cochin University of Science & technology) on the Main Theme: "Bridging the Digital Divide".
6. Attended & Presented a paper entitled "**Online Journals: How To Get Up-To User's Desktop - A Case Study**" in the 48th Indian Library Association (ILA) Convention On Jan. 22-25, 2003 at Bangalore, which was jointly organized by ILA New Delhi NIMHANS, Bangalore on the theme: Electronic Information Environment and Library Services: A Contemporary Paradigm.
 7. Attended the HRD workshop organized by IUCAA at Diveagar and presented the paper entitled: "**Importance of Library for Human Resource Development**", during August 16-17, 2003.
 8. "**Consortium Subscription in Special Libraries: A case study of IUCAA library being member of FORSA Group** * " by me, the paper has been accepted for presentation and publication in the XXIV All India Conference of Indian Association of Special Libraries & Information Centres (IASLIC) on the theme "Knowledge Management in Special Libraries in Digital Environment" on December 15-18, 2003, which was organized by the Survey of India, Dehradun.
 9. And the * **same paper** again accepted only for presentation in the National Seminar on Library Consortia, March 22-23, 2004, Osmania University, Hyderabad Organizer: DLIS, Osmania University and ILA on the theme: Library Consortia
 10. "**Use and Access of Electronic Information at IUCAA Library: A Case Study**" by me, the same paper has been accepted for the presentation and publication in the 22nd ANNUAL CONVENTION AND CONFERENCE OF SOCIETY FOR INFORMATION SCIENCE on the theme "Digital Information Exchange: Pathways to Build Global Information Society" on 21-23 Jan 2004, which was Jointly Organized by the Central Library, Indian Institute of Technology Madras & Society for Information Science New Delhi
 11. "**Overview of Electronic Journals At the Inter-University Center for Astronomy and Astrophysics Library: A Case Study** " by me, the same paper has been accepted for presentation and publication in the International Conference on Digital Libraries (ICDL 2004) on the theme knowledge creation, preservation, access, and management on 24-27 February 2004, which was jointly organized by TERI (The Energy and the Resources Institute) in partnership with Department of Culture, Ministry of Tourism and Culture, Government of India.
 12. **Development and Use of Web-based Information Resources with Specific Reference to E—Journals: A case Study** by me same paper has been accepted for the presentation and publication in the Seventh National Convention on Library and Information Networking (NACLIN 2004) on the theme "Quality Information in the Internet Era November 23-26, 2004 at the University of Pune, jointly Organised by DELNET (Developing Library Network), New Delhi and Jayakar Library, Dept. of LIS, University of Pune, Pune.
 13. **Human Resources Development: Knowledge, Skills & Qualities (Required in Library professional for to be always practically successful at their workplace) by me**, the same has been accepted for presentation and publication in the 50th All Indian Library Conference of Indian Library Association on Knowledge Organization in Digital Environment in Libraries (KODEL): Introspect and Proposals organized by M. S. University, Vadodara and India Library Association, New Delhi, during Dec. 1-4, 2004.
 14. "**Role of the Library homepage as a new platform for library services: A case study**" By me same paper has been accepted for the presentation and publication in the in International CALIBER – 2005 on theme **Multilingual Computing and Information Management in Networked Digital Environment** ,Organized by INFLIBNET Centre (An IUC of UGC, Ahmedabad) in Collaboration with Cochin University of Science and Technology (Kochi) on February 2-4, 2005
 15. **Role of Consortium membership for expanding access and resources: A Case study by me** the same paper has been accepted for the presentation and publication in the 23rd Annual Convention & Conference of SIS, Jointly organized by Society for Information Science (SIS), New Delhi, Department of Library and Information Science & Dr. V.S. K. Library of Andhra Pradesh University, Visakhapatnam, India, during 27-29, 2005.
 16. **Virtual Observatory: A Gateway of Information for Astronomers (A brief note of Virtual Observatory-India at IUCAA, Pune by me with co-authored by Ms. N. U. Bawdekar**, the same has been accepted for presentation and publication in the 51st All Indian Library Conference of Indian Library Association on Libraries, Information Literacy and lifelong learning during Dec 16-18, 2005 at the Kurukshetra University, Kurukshetra, jointly organized by DLIS * Jawahar Lal Nehru Library, Kurukshetra University, Kurukshetra and Central Library, National Institute of Technology, Kurukshetra (Deemed University), Haryana.
 17. **Plan and Management for Library Automation and use of New Information Technology in Special Libraries by me & co-authored by N. Nageswaran & Dr. S. N. Singh**, the same has been accepted for presentation and publication in the Planner-2005 (Promotion of Library Automation and Networking in North Eastern Region)on the main theme" Digital, Collection Development and E-Journal Management in Libraries, during Nov 10-11, 2005, jointly organized by INFLIBNET Centre, PB-4116, Near Gujarat University Campus, Navrangpura, Ahmedabad -380 009 In Collaboration with Assam University, Silchar -788 011
 18. **An Evolution of the IUCAA Library by me**, the same has been accepted for poster presentation and publication in the LISA-V (Library and Information Services in Astronomy V) on the theme "Common Challenges, Uncommon Solutions" hosted by the Harvard-Smithsonian Center for Astrophysics' (CfA) John G. Wolbach Library & Information Resource Center and the Massachusetts Institute of Technology (MIT) Libraries, Cambridge, MA, USA, during June 18-21, 2006.
 19. **Information-seeking Behavior of Users in Astronomy Information Centres and Libraries in India: The Impact of New Information Technology by me, Ph.D. topic presented in Ph. D. Seminar organized by Department of Library and Information Science, University of Pune, Pune, during 21st and 22nd August 2007.**
 20. **Challenges in working with R&D organizations: A library and information services point of view by Hemant Kumar Sahu**, the same is presented in the Human Resource Development workshop (HRD) in Goa during, October, 02-04, 2008, organized by Inter-University Centre for Astronomy and Astrophysics (IUCAA), Pune.
 21. **Information Seeking Behavior of Users in Astronomy Information Centres and Libraries in India: A Pilot Study by Hemant Kumar Sahu and Dr. Surya Nath Singh**, the same has been accepted for presentation and publication in the International Conference of Asian Special Libraries (ICoASL 2008) On theme Shaping the Future of Special Libraries: Beyond Boundaries, during 26-28 November 2008, in India Islamic Cultural Centre, Lodhi Road, New Delhi 110 003, Organized by SLA Asian Chapter with Association: Society for Library Professionals and IASLIC and Supported By: Raja Rammohan Roy Libray Foundation, Ministry of Culture, Govt. of India & CSIR, DSIR, Govt. of India.
 22. Presented a paper entitled "**IUCAA Library : Recent Development**" by me In Forum for Resource Sharing in Astronomy (FORSA) meeting during the 27th Meeting of the Astronomical Society of India (ASI), hosted by the Indian Institute of Astrophysics, Bangalore during February 18-20, 2009

PROFESSIONAL SOCIETIES

- IASLIC
- ILA
- Pune Librarian Forum
- SLA Asian chapter (In Process)

ABOUT MYSELF

A flexible person who believes in setting high standards of performance for himself / organization and who has been effective both as an individual and as a team. I'll also call myself as a balanced person - one who has been able to harmonize his personal and professional life.

PERSONAL STRENGTHS

- Good academic record and analytical ability.
- Skills in the intricacies of IT applications to Library and Information Science.
- Dedication, Sincerity, Innovation, Team work capability, Leadership Qualities
- Determination to unravel the secret of that, which captures my interest.
- Information Management (Library) Skills: Capable to manage a one-person library with having skills in a range of library areas including Library management, Library automation, reader services and technical areas. Worked specifically in serial control and also in acquisitions, reference and cataloguing and have adapted quickly to work in a difference section of library.
- Management Skills: As a library professional involved in quoting and budgeting, schedule work and complete it within the required timeframe and capable to manage a one-person library and supervised casual and volunteer staff.
- Writing and speaking skills: Developed skills in written and spoken communication in English and Hindi languages.

PERSONAL PROFILE

Date of Birth : 20-06-1972
Marital Status : Married
Nationality : Indian
Sex : Male
Passport details : Issued from Pune, India
Language Known: English & Hindi

HOBBIES / INTEREST

Reading, Internet surfing, Music, Playing Carom, Gardening, Computers, Writing.

PROFESSIONAL REFERENCES

Dr. S. N. Singh, Head, Library National Institute of Virology (ICMR), 20-A, Dr Ambedkar Road, Post Box No.11, PUNE-411001 (INDIA) Tel. 020-26122142, 26122532, 2627301(M) 09860216734 Fax: 0091-212-2622669, E-mail: nivici@pn3.vsnl.net.in	Dr. S. K. Patil, Librarian & Head Department of Library and Information Science Jayakar Library, University of Pune, Pune - 411007 E-mail: skpatil@unipune.ernet.in Phone: 91 20 25693648
Dr. T. S. Kumbar, Librarian DA-IICT, Near Indroda Circle, Gandhinagar - 382 007, Gujarat, India. Email: kumbarts@rediffmail.com Phone: 079-30510550, 30510625, 30510578	Mrs. N. U. Bawdekar, Scientific Officer-D, Library Inter-University Centre for Astronomy and Astrophysics, Post Bag no. 4, Ganeshkhind, Pune - 411007, India, Phone: 020-25604308, Fax 020-2564699, e-mail: nub@iucaa.ernet.in ,