

---

# 1. Curriculum Vitae of M. Paul Pandian

---

## Personal Information

Date of Birth: 15.12.1963

Nationality: Indian

## Education

2005 Karnataka University, Dharwad, India

### **Doctor of Philosophy (Ph.D) in Library and Information Science**

Thesis Topic: Design and Development of Cost Effective Intranet Model for sharing electronic information resources: consortia based model with reference to IIM Libraries

1988 - 1990 DRTC, Indian Statistical Institute, Bangalore, India

### **Masters in Information Science**

- First Rank

1986 Madurai Kamaraj University, India

### **Bachelor Degree in Library and Information Science**

- First Class

1984 Madurai Kamaraj University, India

### **Bachelor Degree in Science (Physics, Maths, Chemistry)**

- First Class

## Professional experience

1990 – to the date

### Information Professional

- Presently working with the Institute of Mathematical Sciences(IMSc), Department of Atomic Energy(DAE), Chennai, India as Head, Learning Resource Centre(2002-). IMSc Library is a fully automated library and Member of consortium of DAE Libraries that subscribe to Science Direct. IMSc Library is the consortium coordinator for MathSciNet database. In addition to managing the library resources, I have designed and developed database driven library homepage (MySQL, PHP and Linux) to host all the electronic resources and OPAC. I have ensured that library management software is used to the fullest potential with all modules. Recently, I have successfully installed RFID based library system for self-services by 24x7.
- Worked with Indian Institute Management, Indore (IIM, Indore), India as Head, Learning Resource Centre (1997-2002). Member of the core team that was responsible for setting up of infrastructure facilities at IIMI. Set up a cost effective and fully automated knowledge resource system with predominant electronic collections

and necessary print sources. All information resources such as hard disk based, cd-rom/dvd-rom based, internet based and in house digital collections are made available through a single window "WEB" to ensure that the information reaches the user.

- Worked with Institute of Rural Management, Anand (IRMA) as Head, Library and Information Centre (1995-1997). Set up a cost effective and fully automated library and information system. I setup the first library Web OPAC using open sources (CDS/ISIS, WWWISIS and Linux) in the country.
- Worked with INFLIBNET as Scientist B (1993-1995). As a member of the core team responsible for setting up of computing and communication facilities in the participating university libraries under UGC, training of library and computer personnels, development of standards, integrated library management software, etc.
- Also worked with Informatics India Pvt Ltd, Sun Pharmaceuticals, Petrochemicals Data Services(IPCL), DRTC, Indian Statistical Institute (1990-1993)
- Experience in developing a digital library of in-house publications using Greenstone and Fine reader software.
- In the process of establishing DAE Digital knowledge resource System – a consortia based intranet model for sharing electronic information resources among DAE Institutions.
- Experiences in marketing online and cd-rom databases
- Set up online information system for the clients
- Conducted training courses on Library automation and networking for the working executives of university and research libraries and information centres at INFLIBNET(UGC)
- Designed and developed Union Catalogs for INFLIBNET
- Designed and developed a cost effective library and Information system for Institute of Rural Management and Indian Institute of Management Indore
- Designed and developed library homepages of Institute of Rural Management(html and Linux) and Indian Institute of Management Indore(FrontPage and WinNT) and the Institute of Mathematical Sciences(PHP, MySql and Linux).

#### Experience in Computer, Communication and Internet technologies

- Setup a computerized library for the Universities under INFLIBNET
- Designed and developed a Local Area Network with 200+ nodes for the Indian Institute of Management, Indore
- Designed and developed an Internet Information System for IIM, Indore
- Designed and developed an electronic library for IIM, Indore

#### Knowledge and Skills in Software

##### OPERATING SYSTEM

- Linux and Unix
- Windows NT Server and Windows 2000

##### APPLICATION SOFTWARE

- MS Office
- StarOffice (Linux)
- Greenstone - digital library software
- Finereader – OCR software

#### DATABASE MANAGEMENT SYSTEM

- MySql
- CDS/ISIS (UNESCO)
- MS Access

#### WEB TOOLS

- MS Internet Information Service
- Apache
- Java
- PHP

#### Additional Tasks Performed:

IIM, Indore:

As Chairman of Computer and Communication System of Indian Institute of Management, I have designed and developed the Campus Wide Network with 200+ active nodes, 5 Network Servers, and one CD-Net Server. This is a 10Mbps switched network with 100Mbps backbone. The network is based on hybrid operating systems configured with both Web and Mail server on Linux and the File and Print Server on Windows NT Server.

As a Chairman of the Taskforce to establish the Internet facility for IIM, Indore, I have designed and developed Internet Information System with 512kbps (up gradable to 2Mbps) leased line circuit(VSNL). In addition, a 64kbps Vsat based internet connectivity (ERNET) was also setup.

INFLIBNET(UGC):

Member of HRD Subtask group setup Planning Commission, Govt. of India.

Member of Expert Committee on Bibliographic Standardisation.

Programme Incharge – M.Lib.Sc. Programme, IGNOU, India.

Editor – INFLIBNET Newsletter.

Books: Three

- Paul Pandian, M (2010). RFID for libraries: a practical guide (ISBN: 978 1 84334 545 9), Chandos Publishing (Oxford), UK
- Paul Pandian, M and Karisiddappa,C.R.(2007). Emerging Technologies for Knowledge Resource Management (ISBN: 978 1 84334 370 7),

Chandos Publishing (Oxford), UK

- Paul Pandian, M. and Jambhekar, A. (2001). A. Internet for libraries and Information Centres (ISBN: 0074636715). Tata McGraw-Hill, New Delhi, India

#### Book Chapters:

- Paul Pandian, M.(1998). Cost effective approach to database creation : an experience at INFLIBNET. In: Libraries and Information Centres as Profit Making Institutions/edited by S. Seetharama. Chapter 13. New Delhi, Ess Ess Publications, 1998.
- Seetharama. S and Paul Pandian, M.(1993). Planner: an automated decision support system for planning of libraries and information centres. In: Current research in library and information science, edited by S. Seetharama and C.R.Karisiddappa, Chapter N. Jaipur, RBSA Publishers, 1993.

#### Seminars / Conferences:

##### International:

- Paul Pandian, M and Karisiddappa, C.R.(2004). Global trends in electronic information and their impacts in the libraries in India: a case study. Accepted for presentation at Asian Library and Information Conference (ALIC), 2004, Bangkok, Thailand
- Jambhekar, A, Paul Pandian, M and Gupta, D.(2002). Partnership for success: a case of IIM Libraries Consortia Model. Presented at American Library Association Annual Conference, June 2002. Atlanta, USA.

##### National:

##### Seminars/Conferences:

- Paul Pandian, M and Karisiddappa, C.R.(2005). Unified access to heterogeneous resources in a distributed library consortia environment. Proceedings of International Conference on Information management in a knowledge society (ICIM), 2005, IASLIC, Mumbai
- Paul Pandian, M and Karisiddappa, C.R., (2004). Emerging role of Z39.50 for library consortia in India. Submitted to CALIBER 2004, INFLIBNET.
- Paul Pandian, M. and Karisiddappa, C.R. (2003). Standards for modern library consortia: librarians' perspectives. Accepted for publication in the proceedings of SIS 2004, IIT, Chennai
- Paul Pandian, M and Karisiddappa, C.R., (2003). Technology issues for

library consortia in India. CALIBER 2003, INFLIBNET,

- Paul Pandian, M. DAE Connect : DAE virtual library system with consortia capabilities. Presented at workshop on forging collaborative partnerships: consortium of libraries of DAE Institutions and FORSA libraries meet (July 28-30, 2003), TIFR, Mumbai.
- Paul Pandian, M. and Jambhekar, A. (2002). Content management strategies: a case study of IIM Indore library. CALIBER 2002, INFLIBNET.
- Paul Pandian, M and Karisiddappa, C.R., (2001). Intranet as web enabling technology for library consortia. Proceedings of the National Seminar on Library Co-operation in a Networked World, University of Calicut, Calicut.
- Paul Pandian, M. and Karisiddappa, C.R., (2001). Digital Libraries: a librarian's perspective. Proceedings of the seminar on Recent trends in library and information Sciences, Sambalpur University, Sambalpur
- Paul Pandian, M. (2001) Integrating library and computing services : a new perspective. Presented at MANLIBNET 2001, IIM, Lucknow.
- Paul Pandian, M and Ashok Jambhekar. (2000) Digital Libraries : design and development for a Business School. Presented at MANLIBNET 2000, IMT, Gazhiabad,
- Paul Pandian, M. (1999) Towards digital libraries: an experience at IIM, Indore. Presented at MANLIBNET 1999. IIM, Ahmedabad.
- Paul Pandian, M. (1995) Cost effective approach to database creation : an experience at INFLIBNET. Paper C13: Workshop on Libraries and Information Centres as profit making institutions, DRTC/NISSAT, Bangalore, 1995
- Paul Pandian, M, Cholin, V.S and Arora, O.P. (1994) Database creation at INFLIBNET. Presented at CALIBER-94. INFLIBNET, UGC, 1994
- Paul Pandian, M, Cholin, V.S and Arora, O.P. (1994) Bibliographic standards adopted at INFLIBNET. Presented at CALIBER-94, INFLIBNET, UGC, 1994

Articles in Journals:

International:

- Paul Pandian, M. Digital Knowledge Resources, A special issue on Digital libraries in Policy Futures in Education. 6(1):2008, p.22-38
- Paul Pandian,M, Jambhekar, A and Karisiddappa, C.R.(2002) IIM Digital Library System: Consortia based approach. Electronic Library. 20(3): 2002, p.211-214

National:

- Paul Pandian, M and Rao,I.K.R.(1991). An automated serial control system: a module. Library Science with slant to documentation, 1991
- Paul Pandian,M. (1991). Use of dBaseIV and dBase/SQL in information processing and organisation for libraries. Library Science with slant to documentation, 1991

Others:

- Reference Manual: Applications of computer and communication networks in libraries and information centres. Prepared for participants of training programmes organised by INFLIBNET, UGC
- Rao, I.K.R and Paul Pandian, M. An approach paper for HRD subtask group set up by Planning Commission, Government of India, 1994

Radio talk:

- Relevance of books in the internet era. Talk broadcasted in All India Radio on 21.11.2000 at 20.00 Hrs.