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# Role of PASTIC in Resource Sharing

by

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# Introduction

- Resource sharing, a well-established practice among libraries in most developed countries,
- No library is able to satisfy all the needs of its clientele
- Budget constraint
- To Increase cost of information materials
- To provide wider access to users & provide high quality library and information support services.

# Historical Background of Library Resource Sharing

- Human beings started life on earth
- among Alexandrian library and Athenian State Archives & Pergmum library in 200 B.C. (Muhammad Fazil Khan 2005)
- 1634 by French humanist, Nicolas Claude
- 1876, Librarian of the Worcester wrote a letter to the editor of the new library journal
- 1919, American Library Association introduced interlibrary lone code
- 1967, Online Computer Library Catalogue (OCLC)

# Role of PASTIC in Resource Sharing

## Breif History of PASTIC

- PANSDOC was set up in 1957, with technical assistance from UNESCO
- PASTIC 1973.

# Aims & Objectives of PASTIC

- To procure, process and disseminate scientific and technological information to the researchers.
- To interact with regional and international information agencies/networks.
- To develop inter-library cooperation, resource sharing at national level
- To train information personnel in contemporary techniques and methods of information handling.

Cont...

- To develop and strengthen the National Science Reference Library.
- To provide bibliographic and translation service.
- To compile Directory of S&T Periodicals of Pakistan, Union Catalogue of Scientific Periodicals in the libraries of Pakistan and Technology Information Bulletin.
- To publish an abstracting and indexing journal entitled "Pakistan Science Abstracts".

# Networking & Union Catalogue

- PASTIC established Information Network
- 1987 collect Scientific Periodicals data from Isbd, Raw and Published Union Catalogue of 19 libraries
- 1989 A Union list of Medical Journals of 18 libraries was published
- 1989 an action plan for compilation of National Union Catalogue
- 2005 Published Union Catalogue having data of 200 libraries (Update 300)



# Other Technical Services and Activities of PASTIC

- Document/Supply Service
- Bibliographic Information Service
- Abstracting & Indexing Service
- National Science Reference Library
- Union Catalogue
- International Liaison
- Patent Information Service
- Publications
- Reprographic Unit
- Seminars / Workshops & Trainings

# Document Supply Service

- PASTIC offers copies of materials that it owns, and also arranges to deliver copies of materials owned by other cooperating organizations both home and abroad.
- In 2004 PASTIC adopted and started a new Digital Document Supply Service (DDSS) offered by the British Library, London, through which the time of supply of the order is reduced to only a few hours instead of weeks through e-mails

# Bibliographic Information Service

- During 1974-94 bibliographies on specific topics were prepared manually from the literature available in PASTIC library or libraries in the city and supplied to scientists on request. In 1994 PASTIC acquired International S&T databases on CD-ROM and since then literature searches are being carried out on computer and since then bibliographic service has increased drastically and particularly when it was made free in 2005. Now PASTIC also has on-line databases

# International Databases on CD-ROM / On-line are available at PASTIC

- MEDLINE
- POLTOX (1966 to 2004/03 with Abstracts):
- LIFE SCIENCES (1982 to 2004/03 with Abstracts):
- APPLIED SCIENCE & TECHNOLOGY (1983 to date Full Text):
- SOCIAL SCIENCES (1963 to date Full Text):

Cont...

- **SCIENCE CITATION INDEX (2002 to 2004 with Abstracts)**
- **INSPEC (2000 to 2002 with abstracts)**
- **DERWENT BIOTECHNOLOGY ABSTRACTS (2001 to 2004/09 with Abstracts)**
- **COMPENDEX SITE ENHANCE (1995-2004/3 with Abstracts)**
- **EM BIOLOGY (1982-2006 online with Abstracts)**

Cont...

- PRO-QUEST MEDICAL LIBRARY (1994 TO 2002 Full Text)
- INTERNATIONAL SCIENCE DATABASE.(to date online with Abstracts)
- INTERNATIONAL PHARMACEUTICAL FOOD TECHNOLOGY BIOLOGICAL
- AND AGRICULTURE SOCIAL SCIENCES APPLIED SCIENCE AND TECHNOLOGY TOXLINE

# National Science Reference Library

- Fresh Arrivals
- Reference & Referral Service
- Photocopying service
- Reading Room
- Free Internet Search Facility

# Publication

## 1. Pakistan Science Abstracts (PSA)

- Earth & Environmental Sciences
- Agricultural Sciences
- Plant Sciences
- Animal Sciences
- Chemical & Pharmaceutical Sciences
- Information Communication and Engineering Sciences
- Biochemistry and Biotechnology
- Mathematics & Statistics



Cont...

2. Directory of Scientific Periodicals of Pakistan

3. Union catalogue of Periodicals

4. National Databases

- Scientific Societies of Pakistan
- Conference organized by S&T organizations 1995-2000 onward
- Seminars organized by S&T organizations 2000 onward
- Symposia organized by S&T organizations 2000 onward
- Workshops organized by S&T organizations 2000 onward
- Projects undertaken by S&T organizations 2000 onward
- S&T Databases available in S&T organizations 2000 onward

# International Liaison

- PASTIC interacts with Regional and International Information Networks and is the National Focal Point (NFP) for the following International Information Networks/ Agencies:
  - UNESCO/UNISIST National Focal Point
  - SAARC Documentation Centre (SDC)
  - CEHANET (WHO)

# Patent Information Service

PASTIC is providing the following patent information services:

- Patent Search service.
- Supply of Patent Documents
- Check List for Patenting an Invention.
- Filing Patent Applications / checklist of items & documents required with application.

# Seminars / Workshops & Trainings

PASTIC was the pioneer in imparting training and formal courses in scientific documentation and information. Like

- UNESCO developed CDS/ISIS & WIN/ISIS
- MS-Office
- Office Automation
- KOHA Library automation package
- Handling of S&T Information
- Data Mining

## Other Resource Sharing Initiatives in Pakistan

- 1984, NARC, developed network of 35 libraries on agriculture and other related subjects
- 1991, LABELNET produced “Interlibrary Loan: Practice Code” which designed policies and procedures for Lahore Business and Economics Libraries Network
- 1993, SDPI arranged meetings for for interlibrary loan system for Islamabad

## Cont...

- 2002, PERN has now served 58 universities and created a strong network for resource sharing.
- 2004, Higher Education Commission (HEC) launched a National Digital Library Programme
- 2005, NARC, National Workshop on Resource Sharing and Networking of Libraries and Documentation Center,
- PAKLAG yahoo group, Pak Medinet,

# Conclusion

- To promote sharing of resources by inter library loan through computerized networking
- ICT Training program should be made for library personnel in order to be aware of latest technology.
- To create a scientific libraries consortium which may be named as Pakistan Scientific Libraries Consortium (PSLC).
- A committee should be formed for making a policy to create a PSL Consortium