



भारतीय विज्ञान शिक्षा एवं अनुसंधान संस्थान मोहाली

(शिक्षा मंत्रालय, भारत सरकार)

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Library Science Syllabus

1. Library Science Fundamentals

- History and development of libraries
- Library services and functions
- Library Organization and Management
- Library policies and procedures
- Collection development and management
- Preservation and conservation of library materials
- Bibliography and reference services

2. Information Retrieval and dissemination

- Principles of information retrieval
- Information retrieval systems and techniques
- Information Retrieval and document delivery
- Cataloging and classification
- Search engines and web search
- Indexing and abstracting
- Bibliographic control
- Information Sources and services
- Print and electronic resources
- Reference materials and services

3. Library trends and Technology

- Library automation and integrated Library systems
- Digitalization and digitization
- Data Migration and data conservation
- Electronic resources and services
- Social media and libraries
- Open source software for libraries
- Library standard, MARC21, AACR2, RDA etc.
- Web based library services

4. Digital Libraries

- Overview of Digital Libraries
- Architecture of digital libraries
- Digital libraries and repositories
- Digital library software and tools
- Digital library services and application
- Metadata and indexing
- Digital Transformation
- Use of machine learning in libraries

5. Computers and Networking in libraries

- Library networks (OCLC, INFLIBNET, DELNET, etc.)
- Operating system and file management
- Computer networks
- Networking concepts and technologies
- Networking protocols
- Internet and intranet technology for libraries
- Web applications for libraries

6. Library Ethics and Issues

- Ethics in library and information science
- Intellectual property rights
- Privacy and confidentiality
- Professional development and continuing education

7. Information literacy

- Overview of information literacy
- Skills and competencies
- Reference management tools
