

# **LIBRARY SCIENCE**

## **SYLLABUS**

### **Unit-I**

Information. Information Science, Information Society  
Information as a Resource/Commodity  
Information Transfer Cycle-Generation, Collection, Storage and Dissemination Role of information in Planning, Management. Socio-economic Development, Technology transfer  
Library and Information Policy at the National Level

### **Unit-II**

Laws of Library Science  
Library Resource Sharing and Networking  
Library Legislation in India  
Library Extension Services  
Library and Information Profession

### **Unit-III**

Sources of Information—Primary, Secondary and Tertiary—Documentary and Non-documentary  
Reference Sources—Encyclopaedias, Dictionaries, Geographical Sources, Biographical Sources, Year-books/Almanacs, Directories, and Handbooks, Statistical (salient features and evaluation)  
Bibliographical Sources—Bibliographies, Union Catalogues, Indexing and Abstracting Journals (salient features and evaluation)  
E-documents, E-books, E-Journals  
Databases—Bibliographic, Numeric/ and Fulltext—Evaluation

### **Unit-IV**

Organisation of knowledge/information  
Modes of formation of subjects  
Library Classification—Canons and Principles  
Library Classification Schemes—DDC, UDG and CC  
Library Cataloguing—Canons and Principles  
Library Cataloguing Codes—CCC and AACR-II  
Bibliographic Records—International standards—ISBDs, MARC and CCF  
Indexing—Pre-coordinate, Post-coordinate  
Vocabulary Control—Thesaurus, lists of Subject Headings

### **Unit-V**

Collection Development—Books, Serials, Non-book Materials-Selection, Acquisition, Maintenance; ISBN, ISSN.  
Cataloguing-in-Publication (CIP)

## **Unit-VI**

Telecommunication—Transmission media. Switching systems. Bandwidth, Multiplexing, Modulation, Protocols, Wireless Communication  
Fax, E-Mail, Tele-conferencing/Video-conferencing, Bulletin Board Service, Teletext, Videotex, Voice Mail  
Networking—Concepts, Topologies, Types—LAN, MAN and WAN  
Integrated Services Digital Network (ISDN), Open Systems Interconnection (OSI)

## **Unit-VII**

Library Automation—Areas of automation. Planning, Hardware and Software Selection, OPAC  
Networks—ERNET, NICNET; DELNET. JANET. BLAISE, OCLC. INFLIBNET

## **Unit-VIII**

Types of Libraries—National, Public, Academic and Special  
Objectives, Structure and Functions  
Digital Libraries—Concept  
Virtual Libraries—Concept

