

MLIS - 1
LIBRARY, INFORMATION AND KNOWLEDGE MANAGEMENT

Units	Topics
1	<p>Information</p> <ul style="list-style-type: none"> ◆ Definitions of Information ◆ Process ◆ Types of Information ◆ Scope of Information ◆ The Scatter of Information ◆ Implications of Literature Usage ◆ Data ◆ Definition ◆ Types of Data ◆ Handling Scientific and Technical Data ◆ Generation and Presentation of Data ◆ Collection and Evaluation of Data ◆ Units, Symbols and Nomenclature ◆ Facets for Describing Data ◆ Seeking Help
2	<p>Communication and Information</p> <ul style="list-style-type: none"> ◆ A Definition of Communication ◆ Definition of Communication Components ◆ Communication in Society ◆ Information Needs ◆ The Information Environment ◆ The Recipients of Information ◆ Forms and Channels of Communication ◆ Channels of Communication ◆ Information and Its Users ◆ Kinds of Information Sought and Services Used ◆ The Value of Information ◆ Barriers to Access to Information ◆ Media of Communication ◆ Linking Sources and Recipients ◆ Information Diffusion ◆ Information Models and Forms ◆ Models of Information ◆ Basics of Information Theory ◆ Efficient Encoding
3	<ul style="list-style-type: none"> ◆ Measuring Information Content ◆ The Intuition Behind the Formula <p>Information and Knowledge</p> <ul style="list-style-type: none"> ◆ Nature of Knowledge ◆ Knowledge Generation ◆ Learning Process and Theories ◆ The Parallel Between the Domain of Information Science and What Researchers Have to Do ◆ Social Epistemology and the Sociology of Knowledge ◆ Social Epistemology and the Library ◆ Social Epistemology of Knowledge ◆ Knowledge and Societal Survival ◆ The Use of Knowledge in Society ◆ Information and Progress
4	<p>Information and Society</p> <ul style="list-style-type: none"> ◆ Social Implications of Information ◆ Aspects of Industrial Society ◆ The Context of Information Provision ◆ The Economics of Information Provision ◆ Information as an Economic Resource ◆ Institutional Agencies ◆ Databases and Database Hosts ◆ Economic Trends Associated with Telematics ◆ Factors Affecting Access to Information ◆ The Differential Impact of New Technology ◆ Information Policies and Plans at the National and International Levels ◆ Establishing Priorities ◆ State Authorities : Their Responsibilities and Functions ◆ Design Elements of National Systems of Information Services ◆ International and Regional Cooperation and Assistance in Information System Planning ◆ UNISIST ◆ Other International Activities ◆ Information Management and Policies at National and International Levels ◆ National Information Policy ◆ Participation in International Activities ◆ The Information Society : Conceptions and Critique ◆ Material for Further Reading

MLIS - 2
LIBRARY AUTOMATION, NETWORKING AND MEDIA TECHNOLOGY

Units	Topics
1	Overview of Information Technology
2	Overview of Computer Technology
3	Overview of Communication Technology
4	Overview of Reprography and Micrography
5	Printing and Publishing Technology
6	Library Automation
7	Networks

MLIS - 3
MANAGEMENT PRINCIPLES AND PRACTICES IN LIBRARY AND
INFORMATION CENTRES

Units	Topics
1	Principles of Management
2	Evolution and Foundation of Management Theories
3	Management Planning Process
4	Introduction to an Organization
5	Types of an Organization
6	Organization Structure and Design
7	Budgets as a Basis for Planning and Control
8	Status of Library Information Professionals
9	Re-engineering Management and Human Resources Development (HRD) in the Libraries
10	Marketing of Library and Information Services and Products

MLIS - 4
DATABASE MANAGEMENT SYSTEMS

Units	Topics
1	<p>Database Management Systems</p> <ul style="list-style-type: none">◆ Understand the Basic Concept of Database and Database Management System◆ Traditional File-oriented Approach vs. Database Approach◆ Advantages and Disadvantages of DBMS◆ Database Architecture and Database Models◆ DBMS Languages◆ Relational DBMS and its Advantages◆ Normalization and Functional Dependencies in RDBMS◆ Types of Databases; and Distributed Databases
2	<p>Information Systems</p> <ul style="list-style-type: none">◆ Introduction◆ Information System◆ Information Levels and Types of Information Systems
3	<p>System Analysis</p> <ul style="list-style-type: none">◆ Introduction◆ Characteristics of a System◆ Elements of System◆ System Analysis

MLIS - 5
ADVANCES IN CATALOGUING AND CLASSIFICATION

Units	Topics
1	<p>Intellectual Organization of Information</p> <ul style="list-style-type: none">◆ Intellectual Organization of Information◆ Classification Systems I: General Classification Systems◆ Classification Systems II: Special Classification Systems◆ Thesaurus: Its Structure and Functions
2	<p>Bibliographic Description and Subject Indexing</p> <ul style="list-style-type: none">◆ Bibliographic Description : An Overview◆ Standards for Bibliographic Record Format◆ Bibliographic Description for Non-Print Materials◆ Indexing Process and Models
3	<p>Information Storage and Retrieval Systems</p> <ul style="list-style-type: none">◆ Objectives of Information Storage and Retrieval Systems◆ ISAR Systems: Operations and Design◆ Compatibility of ISAR Systems◆ Evaluation of Information Storage and Retrieval (ISARS) Systems
4	<p>Information Retrieval</p> <ul style="list-style-type: none">◆ Information Retrieval Process◆ The Process of Searching◆ Search Strategies and Heuristics◆ Common Command Languages and Multiple Database Searching

MLIS - 6
INFORMATION, SOURCES, SYSTEMS AND PROGRAMMES

Units	Topics
1.	<p>Multimedia</p> <ul style="list-style-type: none">◆ Introduction◆ Physical Media of Information◆ Print Media, Multimedia (Hypermedia) and Hypertext◆ Hypermedip◆ Hypertext◆ Non-Print Media: Microform, Electronic and Optical Media
2.	<p>Information Sources, Systems and Programmes: Subject wise Organisation</p> <ul style="list-style-type: none">◆ Introduction◆ Humanities◆ Social Sciences◆ Science and Technology◆ Non-Disciplinary Subjects◆ International Organizations◆ Global Information Systems◆ Other Organizations
3.	<p>Information Sources for Users</p> <ul style="list-style-type: none">◆ An Introduction to Content Analysis◆ Steps for Conducting Conceptual Analysis◆ Customized Organisation of Information Sources◆ Science Citation Index and Impact Factor◆ A Routine for Finding and Using Information
4.	<p>Information Experts as Resource Person</p> <ul style="list-style-type: none">◆ Library and Information Professionals◆ Science and Technology Information Intermediaries◆ Database Designers and Managers◆ Definition of the Media

MLIS - 7
OPTIONAL I

IPR AND CYBER LAWS

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OPTIONAL II

Dissertation on basis of one Month Library Technical Practical

RESEARCH METHODOLOGY

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