



PERIYAR UNIVERSITY, SALEM – 11
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
Master of Library and Information Science (MLIS)
Two Year – CBCS Pattern (4 Semesters) Programme
Regulations and Syllabus (Revised)
Revised Syllabus effective from 2014-15 onwards

1. Objectives of the Courses:

To impart advance knowledge in Library and Information Science and to provide the required skills for managing modern library and information centres.

2. Eligibility for Admission and Total Intake:

A Candidate who have passed **ANY** degree examination of this University or an examination of any other Universities/Institutions approved and accepted by the Syndicate of this University as equivalent thereto. **The total intake is 40.**

3. Duration of the Course and Distribution of Credit Points:

The duration of the Course is **Two years**. It consists of **FOUR** Semesters under **Choice Based Credit System** (CBCS). The minimum credit requirement for a two year Master's programme shall be 90 Credits. The break-up of credits for the programme is as follows:

- Core Courses : 68 Credits
- Elective/Supportive courses : 22 Credits

4. Course of Study:

The Course of study for the degree shall be in Master of Library and Information Science (MLIS) with internal assessment according to the syllabus prescribed from time to time.

Total Marks	: 2300 Marks
For each Theory course	: 100 Marks (IA: 25 + UE: 75)
For each Practical course	: 100 Marks (IA: 40 + UE:60)
For Internship Training	: 100 Marks (IA: 40 + EA: 60)
Dissertation and Viva-voce	: 100 Marks (IA: 40 + viva-voce 60)
* IA: Internal Assessment	(30 Internal +30 External)
UE: University Examination	
EA: External Assessment	

5. Scheme of Examination:

Semester	CORE/ ELECTIVE/ SUPPORT	Paper Code	Title of the Paper	Class Hours	Credits	Marks		
						CIA	EA	Total
I Semester	CORE THEORY-I	14UPLIS 1C01	Foundations of Library and Information Science	4	4	25	75	100
	CORE THEORY-II	14UPLIS 1C02	Introduction to Information Communication Technology	4	4	25	75	100
	CORE THEORY -III	14UPLIS 1C03	Management of Library and Information Centres	4	4	25	75	100
	CORE THEORY -IV	14UPLIS 1C04	Information Processing–Classification Theory	4	4	25	75	100
	CORE PRACTICAL -I	14UPLIS 1P01	Information Processing–Classification Practice (DDC&CC)	7	5	40	60	100
	CORE THEORY -V	14UPLIS 1C05	Information Sources	4	4	25	75	100
II Semester	CORE THEORY- VI	14UPLIS 1C06	Library Automation	4	4	25	75	100
	CORE- THEORY -VII	14UPLIS 1C07	Information Processing and Retrieval – Cataloguing Theory	4	4	25	75	100
	CORE PRACTICAL- II	14UPLIS 1P02	Information Processing and Retrieval – Cataloguing Practice- AACR-II (Books / Serials)	7	5	40	60	100
	CORE THEORY - VIII	14UPLIS 1C08	Information Systems and Services	4	4	25	75	100
	Common Course	09PHR0 1	Human Rights	4	2	25	75	100
	Support -I		Supportive	4	4	25	75	100
III Semester	CORE THEORY -IX	14UPLIS 1C09	Research Methods and Techniques	4	4	25	75	100
	CORE PRACTICAL- III	14UPLIS 1P03	Advanced Classification & Cataloguing (Universal Decimal Classification and AACR II- Non Book Materials)Practice	7	5	40	60	100
	CORE THEORY -X	14UPLIS 1C10	Knowledge Management	4	4	25	75	100
	CORE THEORY -XI	14UPLIS 1C11	Preservation and Conservation of Information Materials	4	4	25	75	100
	Elective-I		Elective	4	4	25	75	100
	Support -II		Supportive	4	4	25	75	100
	Internship	14UPLIS 1I01	Internship Training	2 Weeks	--	40	60	100
IV Semester	CORE PRACTICAL- IV	14UPLIS 1P04	Library Automation and Digital Library (Lab Practice)	7	5	25	75	100
	Elective -II		Elective	4	4	25	75	100
	Elective-III		Elective	4	4	25	75	100
	Project	14UPLIS 1P05	Project: Dissertation & Viva-Voce	15	4	40	60	200
			Total		90	650	1650	2300

1. Core Courses Including Theory, Practical, Project

a. No of Courses: 15 + 1 (Project)

b. **Total Credits: 68**

2. Elective Courses (Major/ Non-Major)

a. No of Elective Courses : 3

b. No of Supportive Courses : 2

c. No of Common Course : 1

d. Internship Training : 1

Total Credits : 22

	Internal	External	Total
Theory	25	75	100
Practical	40	60	100

LIST OF ELECTIVE COURSES

Sl.No	Code	Elective Courses
1.	14UPLIS1E01	Marketing of Information Products and Services
2.	14UPLIS1E02	Information and Communication Technologies
3.	14UPLIS1E03	E-Resources
4.	14UPLIS1E04	Digital Library and Web Technology
5.	14UPLIS1E05	Informetrics
6.	14UPLIS1E06	Information Literacy
7.	14UPLIS1E07	Information Seeking Behaviour
8.	14UPLIS1E08	Academic and Research Libraries
9.	14UPLIS1E09	Intellectual Property Rights
10.	14UPLIS1E10	Academic Library System

LIST OF SUPPORTIVE COURSES

Sl.No	Code	Supportive Courses
1.	14UPLIS1S01	Information Sources in Humanities and Social Sciences
2.	14UPLIS1S02	Information Sources in Science and Technology
3.	14UPLIS1S03	Information Search strategies and Techniques
4.	14UPLIS1S04	Agricultural Information Systems and Services
5.	14UPLIS1S05	Industrial Information Systems and Services

6. Examination:

Examination shall be of three hours duration for each paper. Examination will be held at the end of the Semester. The Candidates failing in any subject(s) may be permitted to reappear in the subsequent examinations.

Evaluation of Internal Assessment: 25 Marks

Test : 10 Marks (Best one out of Two Tests – 5 Marks & Model Exam – 5)
Seminar : 5 Marks
Assignment : 5 Marks
Attendance : 5 Marks
Passing minimum shall be 50% out of 25 marks (13 Marks)

7. Question Paper Pattern:

A. Theory:

Time: 3 Hours

Max. Marks : 75

PART – A: 5 X 5 = 25

Answer all the questions

All questions carry Equal marks

Either OR type for each unit

PART – B: 5 X 10 = 50

Answer all the questions

All questions carry Equal marks

Either OR type for each unit

Passing minimum marks shall be 50% out of 75 (38 Marks)

B. 1. Practical : Classification (Using CC and DDC)

All questions carry Equal marks

PART – A: 5 x 2 = 10

PART – B: 5 x 4 = 20

PART – C: 5 x 2 = 10

PART – D: 5 x 4 = 20

B. 2. Practical : Cataloguing (AACR- II) : 6 x 10 = 60 Marks

B. 3. Practical : Advanced Classification & Cataloguing (UDC and AACR- II - NBM)

All questions carry Equal marks

PART - A : Advanced Classification UDC: 30 Marks

Section - A: 5 x 3 = 15

Section - B: 3 x 5 = 15

PART - B : Cataloguing AACR – II : 3 x 10 = 30 Marks

C. Internship Training: 2 Weeks

Every candidate should undergo Internship training programme at IIT, NIT, Universities and other higher educational institutions. They should submit a report.

8. Passing Minimum:

The Candidate shall be declared to have passed the examination, if they secure not less than 50 marks in each examination.

9. Classification of Successful Candidates:

Successful Candidates should pass all the examinations securing the marks.

i. 60% and above, and

ii. 50% and above but below 60% in the aggregate of the marks for all subjects shall be declared to have passed the examination in **I Class** and **II Class** respectively.

iii. Candidates who obtain 75% of the marks in the aggregate shall be deemed to have passed the examination in **FIRST Class with Distinction** provided they pass all the examinations prescribed for the programme at the first appearance.

10. Commencement of the Regulation:

The above regulations shall take effect from the academic year 2014-2015.

I- SEMESTER

14UPLIS1C01: FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE

Unit -I

Notion and nature of Information: Definition: Data, knowledge information & knowledge, Characteristics of information; Models of information – Factors influencing growth of information, Information transfer cycle; Impact of socio-economic changes

Unit -II

Library: Types, Five Laws of Library Science and their implications; Professional ethics of librarian;

Unit - III

Professional associations and their roles: National and International – ILA, IASLIC, IATLIS, IFLA, ALA

Unit -IV

Library movement & legislation in India- Model Library Bill, Delivery of books and newspaper act – Intellectual Property Rights – Information policy, Right to Information, National Knowledge Commission.

Unit – V

Promoters of Library and Information Services – UNESCO, RRRLF– Evolution, growth and development of LIS Schools in India – Current Trends.

Texts & References:

1. Khanna, J.K. Library and Society. Kurushektra: Research Publication, 1987, Atherton, Pauline. Handbook of Information systems and services. Paris: UNESCO, 1977.
2. Bengel, R.C. Libraries and cultural change. London: Clive Bingley, 1983.
3. Gravey, William. D. Communication: Essence of Science facilitating information exchange among libraries, Scientists, Engineers and students. Oxford: Pergamon Press, 1979
4. McGarry, Kevin. Communication, Knowledge and Libraries. London: Clive Bingley, 1981.
5. Ranganathan, S.R. Five Laws of library science. Delhi: Vikas, 1957.

14UPLIS1C02 : INTRODUCTION TO INFORMATION COMMUNICATION TECHNOLOGY

Unit -I

Information Technology: Concept, Meaning and Definitions. Components of Information Technology – Computer and Communication Technologies, types of computers – CPU, Storage and I/O Devices, client-server architecture.

Unit -II

Data representation in Computers: Binary Number System, Character encoding standards – ASCII, BCD, EBCDIC and UNICODE

Unit -III

Computer Software: System Software and Application Software; Programming Concepts: Open source and Propriety, MS Office Tools – Multimedia Applications

Unit -IV

File organization: Serial, Sequential and Random – Computer Networks – LAN – MAN – WAN – Internet- Search Engines

Unit -V

DBMS – Objectives, Characteristics and Design – RDBMS – Office Management: Word processing, Spreadsheet, Presentation Software. Database

Text & References:

1. Arvind Kumar. Ed. Information Technology For All (2 Vols.) New Delhi, Anmol, 2006.
2. Bansal, S.K. Information Technology and Globalisation, New Delhi: A.P.H. Publishing corporation, 2005.
3. Basandra, S.K: Computers Today and Globalisation, New Delhi, Golgotia, 2002.
4. Deeson, Eric. Managing with Information Technology, Great Britan, Kogan page Ltd. 2000.
5. Hunter & Shelly: Computers and Common sense, New Delhi, Prentice-Hall, 2002
6. Kashyap, M.M: Database Systems, New Delhi, Vikas, 2003.
7. Negus (Christopher). Linux bible. 2005. John Wiley, New York.
8. Rajaraman (V). Introduction to information technology. 2007. Prentice-Hall of India, New Delhi.
9. Simpson (Alan) And Jones (Bradley L). Windows vista bible. 2007. John Wiley, New York.
10. Walkenbach (John), Et Al. Office 2007 bible. 2007. John Wiley, New

14UPLIS1C03 : MANAGEMENT OF LIBRARY AND INFORMATION CENTRES

Unit-I

Management –Concept, definitions and scope; Functions and principles - Scientific Management principles in Libraries.

Unit-II

Various sections in a Library- Routine work in Acquisition, Technical, Circulation, Maintenance, Reference and Binding Sections- Books selection: Need and purpose, Principles and theories, Book selection tools - Collection Development Policy and Evaluation.

Unit-III

Periodical Selection, methods of subscription, recording methods and problems in periodical procurement- Charging and discharging methods- Maintenance: Shelving methods, shelf rectification, stock verification- Binding and preservation.

Unit-IV

Library Governance - Library authority - Library committee, need and functions- Library manpower- staff formula. Library Ethics - Library Finance: Budgeting.

Unit-V

Library building planning- Furniture and equipment. Library rules and regulations. Annual report - Library statistics.

Texts & References

1. Katz, W.A. Collection development, the selection of materials for libraries . New York . Holt, Rinehart and Winston, 1980.
2. Krishan Kumar : Library Administration and Management . New Delhi : Vikas , 1987.

3. Mittal, RL Library Administration : Theory and Practice . 5th ed. Delhi . Metropolitan , 1984.
4. Narayana , G.J. Library and Information Management , New Delhi PHI 1991.
5. Ranganathan , S.R. : Library administration . 2nd ed. Bombay : Asia
6. Sharma , J.S. Library Organization . New Delhi : Vikas, 1978.
7. Seetharama, S. Guidelines for Planning of libraries and information centres.1990.ISALIC,Calcutta.
8. Bryson , (JO). Effective library and information centre management. 1990, Gower,Hants.

14UPLIS1C04: INFORMATION PROCESSING– CLASSIFICATION THEORY

Unit-I

Basic Concepts Information Organization- Concepts in Classification -Schemes of Classification – Enumerative and Analytico- Synthetic Schemes – Features - Benefits of Systematic Arrangement

Unit II

Notation- Concepts – Types – Features – Qualities – Modes of Formation of subjects - Normative principles

Unit – III

Fundamental Categories – Facet Analysis – Postulate and Postulational Approach – Systems and Specials- Common Isolates - Devices

Unit – IV

Overview of Colon, Decimal, and Universal Classification schemes- Broad System of Ordering(BSO) – Their Structure and Organization-

Unit - V

Recent Developments in Classification – Role of Classification Research Group (CRG), London- Automatic Classification

Texts & References

1. Raju, A.A.N. Colon Classification: Theory and Practice, New Delhi, ESS ESS Publication, 2001
2. Singh, Sewa: Colon Classification: Practice, New Delhi, ESS ESS Publication, 1999
3. Sharma, S.K. Colon Classification Made, New Delhi, ESS ESS Publication, 1999
4. Fosket, A.C. Subject Approach to Information, London, Clive Bingley, 1982
5. Khanna, J.K. Colon Classification: Theoretical Information Schedules, New Delhi, ESS ESS Publication, 2000
6. Seghal , R.C. Handbook of Classification, New Delhi, ESS ESS Publication, 1999
7. Singh, Sewa and Singh, Sukhbie,: Colon Classification: A Select Bibliography, New Delhi, ESS ESS Publication, 1994

14UPLIS1P01: INFORMATION PROCESSING– CLASSIFICATION PRACTICE (CC & DDC)

Classification of Books and Other Documents Using CC (6th Edition) and Dewey Decimal Classification (22nd Edition)

Texts & References

1. DDC Ed.22, OCLC Ohio,2003
2. Ranganathan, S.R. Colon Classification Ed.6. Bombay, Asia Publishing House, 1960

14UPLIS1C05: INFORMATION SOURCES

Unit-I

Types of Information Sources: Documentary, Non-Documentary – Primary, Secondary, Tertiary Sources

Unit -II

Ready Reference Sources – Types and Value - Dictionaries, Encyclopedias – Annuals - Biographical Sources- Handbooks and Manuals- Geographical Sources.

Unit-III

Bibliographical Sources – Bibliographies, list of Serials; Union Catalogues; – Indexing and Abstracting Sources, News Summaries.

Unit -IV

E- Resources: Nature- Types- Characteristics – CDROMs – Databases – E-books – E-Journals - Microforms

Unit-V

Evaluation of Print Reference sources - E-Resources – Web - Resources

Texts & References

1. G. G. Chowdhury and Sudatta Chowdhury: Searching CD-ROM and Online Information Sources. London : Facet Publishing, 2001.
2. G.G. Chowdhury and Sudatta Chowdhury. Information Sources and Searching on the World Wide Web. London : Facet Publishing, 2001.
3. Kumar (P.S.G). Ed. Indian Encyclopedia of Library & Information Science. New Delhi : S. Chand & Co., 2001.
4. Sewasingsh: Hand book of International Sources on Reference and Information New Delhi: Crest Publication,2001.
5. Sharma,J.S & Grover, D.R : Reference Service and Sources of Information, New Delhi: EssEss, 1998.
6. Subramanayam, K : Scientific and Technical Information Resources, New Delhi:

II- SEMESTER

14UPLIS1C06: LIBRARY AUTOMATION

Unit-I

Library Automation: Historical Perspectives - Need and Purpose, Approaches to Library Automation- System software: Purpose Operating systems; MS-Dos, Microsoft windows, Linux, UNIX,

Unit-II

Application Softwares: Word processors, Spreadsheets, Internet browsers, Software suites, Database programs, Anti-virus programs, Sharewares, web design tools, HTML Editors

Unit- III

Library Hardware/software selection-criteria- planning and design of library automation

Unit- IV Library Automation Software – Open Source Software : KOHA; New Genlib, – WINISIS – Subscription / Proprietary Software : EasyLib, SOUL, LibSys - Bench Marking in Library Automation Systems -Criteria for Evaluation.

Unit- V

DL Software studying the features of GSDL, Installing and developing a prototype using GSDL. Studying DSpace and understand the features of Dspace

Texts & References

1. John M Cohn et.al. (1998) Planning for Library Automation: A Planning Handbook. Library Association.
2. Rajiv Adhikari (2000) Library Serials Automation, Delhi Rajat
3. Krishan Gopal (2001) Intellectual Freedom in Digital Libraries, Delhi Authors Press.
4. Satyanarayana, R. Information Technology and its facets. Delhi, Manak 2005.
5. Taxali Ravikant: PC software made easy, New Delhi 2006.

14UPLIS1C07: INFORMATION PROCESSING AND RETRIEVAL – CATALOGUING THEORY

Unit-I

Library Cataloguing – Need, Purpose and Functions – Concept of Information Processing and Retrieval – Types of Library Catalogue - Inner Forms of Library Catalogue

Unit – II

Normative Principles of Cataloguing - Canons, Laws, Principles and their Implications - Vocabulary control-Thesaurus

Unit – III

Types of Catalogues – Physical Forms including Web OPAC — An overview of AACR-2, MARC21, Dublin Core, ISBDs and RDA (Resource Description and Access)

Unit – IV

Indexing Languages - Subject catalogues – Sears' List of subject headings-; Pre-coordinate and Post-coordinate Indexing – Chain Indexing, – Uni term Indexing – PRECIS – Keyword Indexing – Citation Indexing

Unit – V

Centralised and Co-operative Cataloguing – Descriptive Vs. Limited Cataloging – Arrangement and Filing of Entries.

Texts & References

1. Krishna Kumar, Theory of Classification, 4th Rev. Ed., Delhi, Vikas Publishing House, 1988.

2. Kumar. PSG. Knowledge Organization, Information Processing and Retrieval Theory, Delhi: BR, 2003.
3. Ranganathan, S. R. Prolegomena to Library Classification. Ed 3. Bangalore: SRELS, 2006.
4. Sinha, Suresh C and Dhiman, Anil K. Prolegomena to Universe of Knowledge. New Delhi: Ess Ess, 2002.
5. Srivastava, A P. Theory of Knowledge Classification in Libraries. New Delhi, Sage, 1993.
6. Anglo American Cataloguing Rules. 2nd Edition Rev. New Delhi, Oxford, 1988
7. Byrne, Deborah J. MARC Manual: Understanding and Using MARC Record. Englewood, Libraries Unlimited, 1998.
8. Girja Kumar and Krishen Kumar, Theory of Cataloguing, Ed.4 Vikas Publishing House – Delhi, 1986.
9. Ramalingam, M.S. Library Cataloguing and Classification Systems. Delhi: Kalpaz, 2000.
10. Ranganathan, S.R. Classified Catalogue Code. Madras, UBSPD, 1988

14UPLIS1P02: INFORMATION PROCESSING AND RETRIEVAL – CATALOGUING PRACTICE- AACR – II (BOOKS AND SERIALS)

Preparation of Catalogue entries for Books and Serials using AACR- II Rev. (2008) and Subject Cataloguing using Sear’s List of Subject Headings

14UPLIS1C08 : INFORMATION SYSTEMS AND SERVICES

Unit – I

Services Information systems: Concept, purpose & types. Reference & Documentation services

Unit - II

Traditional Information Services -Scope of Information Services – Types of Information – Current Awareness Service – Selective Dissemination of Information Service – Bibliographical Services – Translation Service -Reprographic Service – Referral Service

Unit – III

Web based Information Services- Group mail and Forums – Information Alerts – Literature Search – RSS and Blogs

Unit – IV

Organizations and Functions of Information Systems – NISCAIR - NASSDOC – DESIDOC – SENDOC – National Knowledge Networks

Unit – V

International Information System – UNISIST – AGRIS – INIS- MEDLARS – INSPEC- BIOSIS – CAS (Chemical Abstract Service)- OCLC

Texts & References

1. Atherton, P. Handbook of Information Systems and Services, 1977.
2. Colin, H. Ed. Management Information Systems in Libraries and Information Services. London: Tayler Graham, 1989.
3. Burch, J.C. and Stretv, F.R. Information Systems: Theory and Practice, 1974
4. Gorman , Digital Features in Information and Library Services, Chennai, Allied Publishers, 2002

5. Egghe, Elementary Statistics for Effective Library and Information Service, Chennai, Allied Publishers, 201
6. Webb, Fee Based services in Library and Information Centres, Chennai, Allied Publishers, 2003
7. Broptty, The Library is the First Century: New Services for the Information Age, Chennai, Allied Publishers

09PHRO1 : HUMAN RIGHTS & DUTIES

Unit – I: Introduction

Meaning and Definitions of Human Rights – Historical Evolution of Human Rights – Formation of UNO, Universal Declaration of Human Rights 1948 – Constitutional Provision for Protection of Human Rights – Fundamental Rights and Directive Principles of State Policy – Fundamental Duties and Human Rights Education.

Unit –II: Civil, Political and Economic Rights

Right to Work – Right to Personal Freedom – Right to Freedom of Expression – Right to Property – Right to Education – Right to Equality – Right to Religion – Right to Form Association and Unions – Right to Movement – Right to Family – Right to Contract – Right to Constitutional Remedies – Right to Vote and Contest in Elections – Right to Hold Public Offices – Right to Information – Right to Criticize the Govt. – Right to Democratic Governance. Right to Work – Right to Adequate Wages – Right to Reasonable Hours of Work – Right to Fair Working Conditions – Right to Self Govt. in Industry – Customer Rights – Social and Cultural Rights – Rights to Life – Right to Clean Environment.

Unit –III: Human Rights Activities in India

Human Rights Act 1993 – Structure and Functions of National Human Rights Commission – State Human Rights Commission and Human Rights Courts – Rules and regulations of state human rights Commission 1997.

Unit –IV: Human Rights Movements for Social Development

Indian Freedom Movement – Peasant Movement – Women’s movement – SC/ST Movements – Environment Movement.

Unit –V: Human Rights Violation

Violation of Rights among Children, Women, Minorities, SCs and STs, HIV/AIDS Patients, Trans-genders, Convicts and Prisoners, Slavery and Disabled, Provision of constitutional rights during the arrest.

Supportive Course I (Offered by Other Departments)

III - SEMESTER

14UPLIS1C09: RESEARCH METHODS AND TECHNIQUES

Unit – I

Research: Concept, Characteristics and Types; Pure, Applied, Action and Inter Disciplinary Research – Logic and Scientific Investigation.

Unit – II

Research Problem: Identification, Selection and Formulation of a Research Problem - Research design - Literature Search and Review of Literature - Hypothesis – Definition - Types and Characteristics. – Testing of hypotheses

Unit – III

Research Methods: Survey – Historical – Case Study – Experimental – Delphi method- Sampling and Sampling techniques.

Unit – IV

Data Collection: Data Sources – Primary Sources and Secondary Sources - Data Collection Methods – Questionnaire, Interview, Schedule- Observation

Unit – V

Data Analysis: Analysis and Interpretation – Statistical Tools and Techniques – Measures of Central Tendency - Frequency Distribution - Regression and Correlation – Presentation of Data - Report Writing – Style Manuals – Modern Language Association (ALA) – American Psychological Association (APA) -Chicago Style Manual -

Texts & References

- 1).Busha, Charles H. and Harter, Stephen P. Research Methods in Librarianship: Techniques and Interpretation. New York: Academic Press, 1980.
- 2).Gopal, M. H. An Introduction to Research Procedure in Social Science. Bombay: Asia, 1964.
- 3).Goode, William J. and Hatt, Paul K. Methods in Social Research. New York: McGraw Hill, 1952.
- 4).Krishan Kumar. Research Methods in Library and Information Science, New Delhi Vikas; 1992.
- 5).Ravichandara Rao, I. K. Qualitative Methods for Library and Information Science. New Delhi: Wiley Eastern, 1985.
- 6).Simon, J. L. Basic Research Methods in Social Science: The Art of Empirical Investigation, 1989.
- 7).Stevens, Rolland E. Research Methods in Librarianship. London: Bingley, 1971.
- 8).Ward, P. L Introductory Guide to Research in Library and Information Studies in the UK London Library Association, 1975.
- 9).Young, Pauline V. and Schmid, C. F. Scientific Social Surveys and Research. New Delhi: Prentice Hall, 1984.
- 10).Devarajan, G. Research in Library & Information Science. New Delhi; Ess Ess, 2002

- 11).Kothari, C. R. Research Methodology – Methods & Techniques. New Delhi; Vishwa Prakasham., 1996.
- 12).Panda, B. D. Research Methodology for Library Science. New Delhi; Anmol, 1997.
- 13).Santhosh Gupta. Research Methodology and Statistical Techniques. New Delhi; Deep and Deep, 2000.
- 14).Sehgal, R. L. Applied Statistics for Library Science Research. 2 Vols. New Delhi; Ess Ess, 1998.
- 15) Saravanel,Research Methodology. Allahabad: Tajmahal,1994.

14UPLIS1P03: ADVANCED CLASSIFICATION & CATALOGUING (UDC) AND AACR II (NBM) – PRACTICE

1. Classification of Books and Other Documents Using Universal Decimal Classification (Standard Ed)
2. Cataloguing of Non-Book Materials using AACR-II (2008 Ed)

14UPLIS1C10: KNOWLEDGE MANAGEMENT

Unit I

Knowledge Management: Concept and definitions – Need for Knowledge Management – Understanding Knowledge; Types of knowledge – Changing role of library and Information professionals.

Unit II

Knowledge creation and capturing, knowledge creation model – capturing tacit Knowledge

Unit III

Knowledge codification and organization: Knowledge Mapping, decision trees, decision tables etc.

Unit IV

Tools and Technologies for Knowledge Management– Data mining, Hypertext, Hypermedia – Legal and ethical issues in Knowledge Management

Unit V

Knowledge Management Practices in Academic, special, Corporate and Research Libraries, Content Management Systems – Joomla and Drupal etc.,

Texts & References

1. Awad, E.M & G.H.M – Knowledge Management, Second Edition, PHI, New Delhi, 2013.
2. Dalkir, Kimiz, Knowledge Management, Second Edition, PHI, New Delhi, 2013
3. Ramesh Babu, B, Ed. (et al.) Knowledge Management: Today and Tomorrow- 2003.
4. Robert, W.S. – “Knowledge every where” Knowledge Management 2001.
5. Hayes – Roth, F. and Jacob stein, N- State of Knowledge based systems 1994.
6. Shemon, Lee – Managing the Modern Document 2001
7. Birkowitz, W.R. Knowledge Management . PHI, New Delhi, 2000
8. Hildebrand, C. Information Mapping: Guiding Principles. CIO,8(18)July1995,pp60-64
9. Debowski , S. (2007). Knowledge Management. New Delhi.

10. Mishra, J.K. (2009) Knowledge Management: Complexity, Learning and Sustainable Innovation. Coronet Books.Springer,Newyork,2005.

14UPLIS1C11: PRESERVATION AND CONSERVATION OF INFORMATION MATERIALS

Unit I

Preservation and Conservation – Meaning, Need and Importance – Hazards to Information materials – Environmental factors – Biological factors – Chemical factors – Other factors

Unit- II

Evolution of Information materials- Clay tablets to Electronic form; Durable and Non-durable and Perishable and non-perishable writing materials.- Preservation in Ancient Times- Preservation of Palm Leaves and Leather Bound materials

Unit III

Methods of Preservation and Conservation; Physical methods- Preservation and Conservation of Library building- Binding, Mending, Restoration & Guarding; Lamination, Leaf casting, Encapsulation- Chemical methods ; Fumigation; De-acidification

Unit IV

Preservation of Non-Print materials-Use of Micrography and Reprography as a means of Preservation- Digital Preservation- Strategies, Methods and Challenges

Unit V

Archives – Structure and Functions of Tamil Nadu Archives and National Archives of India

Texts & References

1. Preservation in Libraries: Perspectives, Principles and Practices by P.K.Mahapatra and B.Chakrabarti. Ess Ess Publications, New Delhi, 2003
2. Preservation of Library Archival and Digital Documents by L.S.Ramaiah and G.Sujatha. Ess Ess Publications, New Delhi, 2008
3. Preservation and Conservation for Libraries and Archives by Nelly Ball Offet and Jenny Hille. Ess Ess Publications, New Delhi, 2009
4. Chakraborti, M. L. Bibliography in theory and practice. Second edition. Calcutta: World Press, 1975.
5. Deegan, Marilyn and Tanner, Simon. Digital Futures: Strategies for the Information Age. London: Library Association Publishing, 2002
6. Mukherjee, B. B. Preservation of Library Materials, Archives and Documents. Calcutta: World Press.1975
7. Mittal. R. L. Library Administration: Theory and Practice.
8. Petherbridge, G (1987). Conservation of Library and Archive materials and the graphic art. London: Butterworth.

9. Ranganathan, S. R. Physical Bibliography for Librarians. Second edition. Bombay: Asia Publishing House or Bangalore: Sarada Ranganathan Endowment for Library Science, 1974
10. Vijay Kiran, A. and Ramesh Babu, B. (2005). Digital Preservation. In: *National Workshop on Recent Trends in Digitization: Course Material*, edited by B. Ramesh Babu and S. Gopalakrishnan. Tirupati: TTD & FIC,

Elective-I (Choose from List of Electives)

Supportive Course II (Offered by Other Departments)

14UPLIS1I01: Internship – 2 Weeks Training at Different types of libraries

IV SEMESTER

14UPLIS1P04: - LIBRARY AUTOMATION AND DIGITAL LIBRARY [LAB PRACTICE]

- Library Automation and BIRS (Bibliographic Information Retrieval System – Software : SOUL, NewGenLib, KOHA
- Acquisition module operation
- Circulation Module operation
- Catalogue Module operation – OPAC - WEBOPAC
- Serial Control Module
- Report generation for different modules (eg. Member list, Periodical list, Overdue, Collection Report, report for the month, etc.)
- Admin Module – Parameters and Preferences
- Website Interface Design for Libraries
- Digital Library – Installation, Design and Implementation - Hands on Practice
 - Dspace
 - GSDL

Elective II (Choose from List of Electives)

Elective III (Choose from List of Electives)

14UPLIS1P05: PROJECT: DISSERTATION AND VIVA-VOCE

LIST OF ELECTIVE COURSES:

14UPLIS1E01: MARKETING OF INFORMATION PRODUCTS AND SERVICES

Unit I

Information as a Resource: Economics of Information – Marketing Concepts – Marketing Strategies

Unit II

Portfolio Management – BCG Matrix Model – Product Market Mix – Product Life – Cycle – Pricing Information

Unit III

Marketing Mix – Kotler's Four C's – McCarthy's Four P's

Unit IV

Marketing Plan and Research – Market Segmentation and Targeting – Geographic and Demographic Segmentation – Behavioral Segmentation – User Behaviour and Adoption

Unit V

Information and Publishing Industries – National and International - Marketing of Information Products and services

REFERENCES:

1. Anderson, A.R. Advancing Library marketing ; Journal of Library Administration. 1(3)1980pp17-32
2. Bellardo, T and Waldhart, T.J. Marketing Products and Services in Academic Libraries. Austin TX: Austin Press, 1976
3. Kelley, E. J. Marketing : Strategy and functions Prentice Hall NJ, 1965
4. Kotler, P. Marketing for Non-Profit Organisations. Prentice Hall NJ, 1975
5. Kotler, P. Marketing Decision Making: A Model building approach. VNR, 1971
6. Seetharama, S.Ed: Libraries and Information Centres as profit making organizations. (DRTC Workshop 9-11 Aug,1995)Bangalore : DRTC, ISI,1995
7. Weingand, D.E. Marketing for Information Agencies. Ablex Publishing, NJ,1984
8. Eisner, J Ed. Beyond PR: Marketing for Libraries. Library Manual Special Report,1981.
9. Ellicott de Saez, Eileen. Marketing concepts for libraries and information Services.

14UPLIS1E02: INFORMATION COMMUNICATION SYSTEM AND TECHNOLOGY

Unit – I

Notion and Nature of Information – Data – Knowledge - concept – Characteristics of Information – Information Transfer Cycle.

Unit – II

Communication – Concept – Definition – Theories – Model - Channels of Communication - Barriers to Communication.

Unit – III

Types of Communication - Managerial - Business - Scholarly Communication - Theories and Models of Communication

Unit – IV

Information Users – Definition – Types – User Studies – User Education

Unit – V

Information Needs- Types- Information Seeking Behaviour (ISB) – Concepts – Models - Approaches

Texts & References

- 1).Abell, Angela and Oxbrow, Nigel. Competing with Knowledge: The Information Professional in the Knowledge Management Age. London: Facet, 2001.
- 2).Atherton, Pauline. Handbook for Information Systems and Service, Paris: UNESCO, 1977.
- 3).Bikowitz, W. R. Knowledge Management. Delhi: PHI, 2000.
- 4).Elliott de Saez, Eileen. Marketing Concepts for Libraries and Information Services. 2nd ed. London: Facet, 2002.
- 5).Khan, M. T. M. Information Organization and Communication. New Delhi: Ess Ess, 2001.
- 6).Kumar, P. S. G. A Students Manual of Library and Information Science (Two Volumes Bound in one). Delhi: B.R., 2002.
- 7).Mahapatra, P. K and Chakrabarti, B. Knowledge Management in Libraries. New Delhi: Ess Ess, 2002.
- 8).McGarry, K. J. The Changing Context of Information: An Introductory Analysis. London: Bingley, 1981.
- 9).Neelameghan, A. Lectures on Knowledge Management: Paradigm, Challenges and Opportunities. New Delhi: Ess Ess, 2002.
- 10).Prasad, H, N. Information Needs and Users. Varanasi: Indian Bibliographic Centre, 1992.
- 11).Prasher, R. G. Information and its Communication. New Delhi: Medallion Press, 1991.
- 12).Ranganathan, S. R. Ed. Documentation and its Facets. Bombay: Asia, 1983.
- 13).Shera, J. H. Documentation and the Organization of Knowledge. London: Crosby Lockwood, 1966.

- 14).Agarwal, V. & Rajput, N. D. Information Networks in India. New Delhi; Rajet, 2002.
- 15).Venkataraman, P. IT Applications in Libraries. New Delhi, Ess Ess, 2004.
- 16]. Kaushik, P. Library Information Services and Systems. New Delhi, Anmol Publications, 2006

14UPLIS1E03: E-RESOURCES

Unit -1

Information sources: Types-Human, institutional and Documentary. Documentary-print Media and non print Media

Unit -II

E- Sources and Services, Merits and demerits of e-resources, E-journals, E-books, Bulletin Boards, Hyper Media, Multimedia and Internet.

Unit -III

Preservation of E-resources/ Digital resources

Unit -1V

Search Engines- Types- Search strategies

Unit -V

Web -Resources -Subject Gateways- Web Design- Evaluation of web resources/e-resources

Texts & References

1. Battin W.L. Ed. Hand book of Special Librarianship and Information work, 4TH Ed., Aslib,1975
2. Chancy Francis, Neel: fundamentals of reference sources,1980
3. Grohan,Denis, J.Science and technology: introduction to literature 4th edition, London: Chic Bingley,1982
4. Houghtons,B.Technical Information sources, London Chic Bingley,1967
5. Katz, W.A. Introduction to reference work, 5th edition,1987
6. [Chowdhury](#), G.G and [Sudatta Chowdhury](#), Searching CD-ROM and online information sources; Library Association, 2001

14UPLIS1E04: DIGITAL LIBRARIES AND WEB TECHNOLOGIES

Unit - I

Concept of Digital Libraries - Transition of libraries from traditional to digital-: Definitions, Characteristics, Theoretical Fundamentals, merits, demerits and challenges

Unit - II

Digital Library Management - Design and Organization of Digital Libraries: Architecture, Interoperability, Protocols and Standards; User Interfaces

Unit - III

Digital content creation: organization and Management, files & formats - Overview of Major Digital Library Initiatives- Open Archives Initiative (OAI) and similar developments

Unit – IV

Building the digital library - Digitization – process and methods – Planning for Digitization - Institutional Repositories- Open Source Software for digital libraries: GSDL - DSpace – EPrints, Access to and Use of Digital Libraries; Storage, Archiving and Preserving Digital Collections.

Unit – V

Web Technology: An overview; Web Browsers and Search Engines, Web sites and Web portal Tools and Techniques – Webpage design using HTML

Reference Books

1. Chowdhury, G.G. Introduction to Digital Libraries. London: acet, 2003.
2. Leona, C. Simon, Shaw and Andrew Prescott. Towards the Digital Library. London: LA, 1998.
3. Deegan, Merlyn and Tanner, Simon. Digital Futures: Strategies or the Information Age. London: Facet, 2001.
4. Gorman, G.E. The Digital Factor in Information and Library Services. London: Facet, 2002.
5. Lankes, R. D. Implementing Digital Reference Services: Setting Standards and making it real. London: Facet, 2002.
6. Lee, Stuart D. Digital Imaging: A practical; Handbook. London: Facet, 2000.
7. International Conference on Digital Libraries. ICDL 2004. TERI, New Delhi. 2004.
8. Upadhaya, J.L. Information Retrieval and Digital Libraries New Delhi, Shree Publishers and Distributors, 2004
9. Vijay Lakshmi & S.C.Jindal Digital Libraries V 1,V2, & V3 Delhi, Isha Books, 2004.
10. Cooper, Michael D. Design of Library Automation Systems: File Structure, Data Structures and Tools, New York: John Wiley, 1996.
11. G.G. Chowdhury. Introduction to Digital Libraries. London: Facet Publishing, 2003.
12. Reynolds, Dennis. Library automation: Issues and applications. New York: Bowker, 1985.
13. John M. Cohn, Ann L. Kelsey and Keith Michael Fiels, Planning for Library automation: A Practical Handbook – London: Library Association, 1998.
14. Satyanarayana, N.R. A Manual of Computerization of Libraries. New Delhi: Viswa Prakashan, 1995.

14UPLIS1E05: INFORMETRICS

Unit – I

Informetrics: Nature and General Aspects – Definition - Scope – Value – Librametry – Bibliometrics – Scientometrics - Webometrics.

Unit – II

Theory and Laws : Zipf's Law – Lotka's Law, Bradford's Law – Price Theory - Circulation Theory – Applications.

Unit – III

Quantitative and Qualitative Techniques: Types - Multidimensional Scaling – Cluster Analysis – Correspondence Analysis – Co-Word Analysis.

Unit – IV

Citation Studies: Citation Theory – Citation Analysis – Different Forms of Citation – Citation Control – Self Citation

Unit – V

Application of Quantitative – Qualitative Tools and Techniques in LIS Research.

Texts & References

- 1). Nicholas David and Ritchie Maureen. Literature and Bibliometrics. London; Clive Bingley Ltd., 1978.
- 2). Everitt, B.S. Cluster Analysis, 3rd edition, Edward Arnold.1993
- 3). Bradford, S.C. Documentation, London, Grosby Lockwood (1948)
- 4). Tague – Sutcliffe.J. Measuring information: An information services perspective – Somdiego (California) London: Academic Press.1995
- 5). Zipf, G.K. Human Behaviour and the principle of Least Effort, New York: Hafner publishing.1965
- 6). Saracevic T. (ed.) Introduction to Information Science. New York: R.R. Bowkar.1970
- 7). Price D.J.de Solla Little Science, Big Science, New York: Columbia University Press.1963
- 8). Sengupta, I.N). Bibliometric Research Kolkata: SBA Publications.1988
- 9) Braun.T. Scientometric Indicators. Singapore: World scientific Publications.1985
- 10). Sengupta .W. Bibliometrics and its application, Ed. by Pushpa Dhyani, New Delhi, Atlantic.1990

14UPLIS1E06: INFORMATION LITERACY

Unit –I

Information Literacy; Meaning and Definition-Evolution of the concept
- Historical Perspective of Information Literacy.

Unit –II

Types of Information Literacy; Technology Literacy, Media Literacy, Digital and computer Literacy etc - Life long learning and its components.

Unit –III

Models of Information Literacy; Partners of information literacy - Information literacy instructions of different types of library/ information centres.

Unit –IV

Global perspective of information literacy; Study of selected countries.

Unit –V

Guidelines and standards for information literacy programmes; ALA /ACRL- IFLA Information Literacy Competencies: Current trends and recent research in information Literacy.

Texts & References

1. Eisenberg, Michael B., Lowe, Carrie, A. and Spitzer, Kathleen L.(2004). Information literacy: Essential Skills for Information Age. London: Libraries Unlimited.
2. American Library Association. Final Report of Presidential committee on information Literacy. www.ala.org/at/nill/littls.html
3. Bawden, D. (2001). Information and digital illiteracies: a review of concepts. <http://gti/edu.um.es.8080/gomez/hei/intranet/bawden/pdf>.
4. Barker, K. and Lonsdale, R. Ed. (1994). Skills for life: the value and meaning of literacy. London: Taylor Graham.
5. Meadows, A.J. Ed. (1991). Knowledge and communication: essays on the information chain. London : Library Association Publishing.

14UPLIS1E07: INFORMATION SEEKING BEHAVIOR

Unit-I

User studies: concept and Categories – Aims and objectives – Importance of user studies – Need for conducting user studies. Major user studies conducted in India – USA – UK.

Unit – II

University and college library user behaviour – evolving a theory of user behaviour – characteristics having effects of user behaviour – patterns of user behaviour users and their influencing factors – Limitations in behavioural research in librarianship.

Unit – III

User needs and user education: concepts –need– Aims and objectives – planning of user education – problems of user studies and user education.

Unit – IV

User interaction with documentary resources and non-documentary electronic resources .

Unit –V

Evaluation of user studies: Important features of failure analysis – Methodology of user evaluation

REFERENCES:

1. Kumar, PSG. Use and User Studies. BR Publications, New Delhi, 2006
2. Devarajan. User Studies. Allied Publishers, New Delhi, 1987
3. Kumar, PSG. Library and Users: Theory and Practice. BR Publications, New Delhi, 2004
4. Sridhar, MS. Library Use and User Research. Concept Publishing Co., New Delhi
4. Wilson, T.D. On User studies and Information needs. Journal of Documentation. 62 (6),2006,pp 658-670

5. Ellis, David. Modeling the Information Seeking Patterns of Academic Researchers: A grounded Theory approach. Library Quarterly. 63 (4),1993.pp469-486

14UPLIS1E08: ACADEMIC AND RESEARCH LIBRARIES

Unit-I

Role of University / College Libraries in Higher Education: Growth of University Libraries in India- Role of UGC in the promotion of University and College Libraries – Role of Research Libraries in R & D activities

Unit-II

Collection Building in the Academic and Research Libraries – Current Trends

Unit-III

Planning and Management: Resource Sharing – Manpower and Staff Formula – University and College Libraries Authorities

Unit-IV

User Community: Assessment of Information needs and User Education

Unit-V

Automation in Academic and Research Libraries in India

Texts & References

1. Katz, W.A. Collection development , the selection of materials for libraries . New York . Holt, Rinehart and Winston, 1980.
2. Krishan Kumar : Library Administration and Management . New Delhi : Vikas , 1987.
3. Mittal, RL Library Administration : Theory and Practice . 5th ed. Delhi . Metropolitan , 1984.
6. Narayana , G.J. Library and Information Management , New Delhi PHI 1991.
7. Ranganathan , S.R. : Library administration . 2nd ed. Bombay : Asia
8. Sharma , J.S. Library Organization . New Delhi : Vikas, 1978.

14UPLIS1E09: INTELLECTUAL PROPERTY RIGHTS

Unit-I

Intellectual Property Rights – Definition – Need and Purpose- Forms of IPR- IPR in Digital Era – Right to Information- Definition- Need and Purpose

Unit-II

Copy Right Law – History and development –Need – Violations of the Copy Right Law

Unit-III

Cyber Crimes – Definitions – Types of Cyber Crimes- Protections

Unit-IV

Cyber Laws – National Status – International Status – Implementation

Unit-V

Legislation – Control and Supervisions – Merits and Demerits- Patents- Standards

REFERENCES:

1. Mahajan, V.D. Jurisprudence and Legal Theory. Easter Books, New Delhi, 2001
2. Narayan, P.S. Intellectual Property Law in India. Gogia Law Agency, Hyderabad, 2001
3. Sharma, B. Copy right Law in respect of Books. Federation of Indian Publishers, New Delhi, 2006

4. Watel, Jayashree. Intellectual Property Rights in the WTO and Developing Countries. Oxford University Press, 2001
5. Correa, Carlos M. Intellectual Property Rights in the WTO and Developing Countries. Zed Books, New York, 2000

14UPLIS1E10: ACADEMIC LIBRARY SYSTEM

Unit – I

Role and Responsibility of Academic Libraries – Growth of University and College Libraries in India – Role of UGC in Academic library development

Unit – II

Academic Libraries: School Library- College Library- University Library, Collection Development- Technical Processing – Services – Care and Preservation

Unit – III

Library Authority and Library Committee– Centralization and Decentralization – Budgeting- Statistics – Files and Records

Unit – IV

Consortia of Scholarly Information - INFLIBNET – INDEST – INFONET -Library Networks in India

Unit – V

Information Literacy Programme in Academic Libraries – Public Relations in Academic Libraries

Texts & References

1. Krishnan Kumar and Sesh Patel, Libraries and Librarianship in India, New Delhi, Viva Books, 2001
2. Devarajan, G, Resource Development in Academic Libraries, New Delhi, ESS ESS Publication, 2000
3. Usha Devi, S.P. University and College Libraries, New Delhi, ESS ESS Publication, 1999
4. Parida, B. The Growth of Academic Library System, Delhi, Pradeep Publication, 1992
5. Buckland, M.K.et al., System Analysis & University Library
6. Braden, Ireme A: Undergraduate Library, 1970
7. Gelfand, M.A.. University Libraries for Developing Countries, 1968

SUPPORTIVE COURSES

14UPLIS1S01: INFORMATION SOURCES IN HUMANITIES AND SOCIAL SCIENCES

Unit -I

Types of information sources - documentary - non documentary – Characteristics – Scope and value

Unit- II

Ready Reference Sources -Types and Value - Dictionaries, Encyclopedias - Annuals and Handbook Manuals in Social Sciences and Humanities.

Unit- III

Indexing and Abstracting Sources in Social Sciences and Humanities.

Unit- IV

Electronic Sources - Web Resources - Subject Gateways in Humanities and Social Sciences.

Unit- V

Evaluation of information sources - print reference sources - web resources.

REFERENCES:

1. [Chowdhury](#), G.G and [Sudatta Chowdhury](#),: Information Sources and Searching on the World Wide Web;; Library Association Publication, 2000
2. [Chowdhury](#), G.G Introduction to Modern Information Retrieval, Facet Publishing, 2009
3. Sewa Singh [Handbook of International Sources on Reference and Information](#); [Vedams eBooks \(P\) Ltd](#) (India)
4. Winchill, C.M Guide to Reference source, 2008,
5. Higgins, G Printed Reference Materials, 1987

14UPLIS1S02: INFORMATION SOURCES IN SCIENCE AND TECHNOLOGY

Unit- I

Types of information sources - documentary - non documentary - Characteristics - Scope and value

Unit -II

Ready Reference Sources -Types and Value - Dictionaries, Encyclopedias - Annuals and Handbook Manuals in Science and Technology

Unit- III

Indexing and Abstracting Sources in Science and Technology.

Unit- IV

Electronic Sources - Web Resources - Subject Gateways in Humanities and Social Sciences.

Unit- V

Evaluation of information sources - print reference sources - web resources.

REFERENCES:

1. [Chowdhury](#), G.G and [Sudatta Chowdhury](#), Searching CD-ROM and Online information sources; Library Association, 2001
2. [Chowdhury](#), G.G Introduction to Modern Information Retrieval, Facet Publishing, 2009
3. Sewa Singh [Handbook of International Sources on Reference and Information](#); [Vedams e-Books \(P\) Ltd](#) (India)
4. Winchill, C.M Guide to Reference source, 2008,
5. Higgins, G Printed Reference Materials, 1987

14UPLIS1S03: INFORMATION SEARCH TECHNIQUES

Unit I

Information retrieval– fundamentals - Information retrieval system.

Unit II

Search tools – vocabulary control tools –Thesaurus

Unit III

Search strategy – search formulation- search statement

Unit IV

Search techniques –Boolean Logic- Truncation – Weighted term logic – sorting techniques.

Unit V

Information retrieval evaluation criteria – major information retrieval studies- ASLIB Cranefield study, MEDLARS- SMART-FAIRS- TREC.

REFERENCES:

1. Salton, G. and McGill, M.J. Introduction to Modern Information Retrieval . Mcgraw Hill, New York, 1986
2. [Chowdhury](#), G.G Introduction to Modern Information Retrieval, Facet Publishing,2009
3. Korfhage, Robert R. Information storage and retrieval New York: John Wiley & Sons, 1997
4. Salton, G., & McGill, M.J. Introduction to modern information retrieval. New York: McGraw-Hill.
5. Lancaster, F.W. Information Retrieval Systems. New York :John Wiley & Sons, 1979

14UPLIS1S04: AGRICULTURAL INFORMATION SYSTEMS AND SERVICES

UNIT – I

Agricultural Science Libraries and their Development: Objectives and Functions - History and Development of Libraries with Special Reference to India Role of ICAR, Committees and Other Agencies in the Development of Agricultural Libraries in India

UNIT – II

Collection Development and Management: Periodicals, Conference Literature, Grey Literature, Patents, Standards, Specifications and Government Publications, etc. Non-Book Materials - Electronic Resources and Online Databases

UNIT – III

Library Organization and Administration: Organizational Structure Staff Manual, Library Surveys, Statistics and Standards, etc.

UNIT – IV

Information Services: CAS, SDI, Abstracting and Indexing Services - Library Bulletin, Newspaper Clipping Services - Computerized Services -

UNIT – V

Resource Sharing and Networking: AGRIS, INAGRIS, CABI, etc. - Information Literacy Programmes.

REFERENCES:

1. Apaari (2004). Information and Communication Technologies in Agricultural Research for Development in the Asia-Pacific Region: A Status Report. Asia-Pacific Association of Agricultural Research Institutions, Bangkok, Thailand. 130 P ages.
2. Bhatt (V S). Information resources in agricultural research in 40 years of agricultural research in India. 1989. ICAR, New Delhi.
3. Basnet, B.M.S (2003) ICT Status – Nepal. Proceedings of 3rd ICT Expert Consultation on APARIS, 1-3 December 2003, Asian Institute of Technology, Bangkok. Asia Pacific Association of Agricultural Research Institutes, Bangkok.
4. Chotey Lal (C). Agricultural libraries and information systems: a handbook for users. 1998. R K Techno Science Agency, New Delhi.
5. DAYMATH (Y) And RUTTAN (V W). Agricultural development: an international perspective. 1979. John Hopkins, Baltimore.
6. Deshmukh (P P). Standardization of library and information services with special reference to scientific and agricultural libraries. 1990. ABC, New Delhi.
7. Kumar (P S G). Agricultural librarianship: MLISc elective paper. 2008. B.R. Publication, New Delhi.
8. Sharma (R D). The agricultural information network for India. 1989. Society for Information Science, New Delhi.
9. Subbairha (R). Agricultural librarianship in India: an overview. 1988. Metropolitan, New Delhi.
10. Swaminathan (M S). Report of the working group on agricultural research and education for the formulation of the eighth plan. 1989. Planning Commission, ICAR, New Delhi.

14UPLIS1S05 : INDUSTRIAL INFORMATION SYSTEMS AND SERVICES

UNIT- I

Industries its Features, Objectives, Types and role in National development, Role of Information in Industry, Industrial Libraries and information Centres, Characteristics, objectives, Functions and Services.

UNIT – II

Collection of Industrial Library: Types, Features, Selection, Acquisition, Policies and procedures, Management of Industrial Library Collection. Problems in collection development and management.

UNIT – III

Library and Information Services in Industries: Need, Planning and types: Reference Service – CAS and SDI – Abstracting and Indexing Services – Bibliographic Services – Document supply / Delivery Services – Information Product development – Information Marketing Services – Online Information Services.

UNIT – IV

Industrial Research and its importance – Information Services for Industrial research.
Management Information System: Meaning objectives, Role in Industry.

UNIT – V

Industrial Library Users: Types, needs User Studies, User Education. Technology transfer. International Industrial Information Organizations; WIPO, WTO, UNIDO.

REFERENCES:

1. Boucher, T and Yalcin, A. Design of Industrial Information Systems. Burlington, MA, USA: Academic Press (Elsevier), 2006.
2. Campbell, Malcom, 1. Manual of business library practice. 1975.
3. INSDOC, New Delhi, UNESCO Regional Seminar on Scientific and Technical Information Services 1976.
4. Neelameghan, A. Information for small enterprises, Bangalore, SRELS, 1992.
5. Pedley, Paul, Free Business and industrial information on the WEB. London, Aslib,2002.
6. Sasikala C. Industrial Library and Information Systems 1992.
7. Vander Leave A.N. and Winters, A.A. Industrial information with special reference small and medium industries in India 1984.
8. Vernn, D.C. Use of Management and business literature 1975.



Model Question Papers

PERIYAR UNIVERSITY
DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE
UNIVERSITY EXAMINATION 2014
IV-semester
14UPLIS1P04: Library Automation and Digital Library

Time : Three Hours

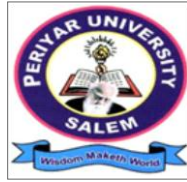
Maximum: 75 Marks

Do any **Five** exercises

5 x 12 = 60 Marks

1. Create a database for the following books using NewGenlib and KOHA automation system .
2. Generate a report on search results using the author Saravanel.
(Ten titles using OPAC)
3. Create a user profile for the following Library users. (Ten Nos.)
4. Create a Metadata and upload five articles on digital library by downloading from the database, JSTOR.
5. Install GSDL in a system and show the procedures to the examiner/s.
6. Prepare a report for the books as per CCF using SOUL or KOHA software.
7. Download any of the five course materials from MIT / E Pathshala on Computer science.
8. Download five thesis chapters from Sodhganga and upload with Metadata using Dspace.

PERIYAR



UNIVERSITY

SALEM -636 011



DEPARTMENT OF LIBRARY AND INFORMATION SCIENCE

Master of Library and Information Science (MLIS)

Regulations and Syllabus (Revised)

Revised Syllabus effective from 2014-15 onwards

**Periyar University
Department of Library and Information
Science**



M.L.I.S
Master of Library and Information Science
(with effect from the academic year 2014-2015 onwards)

Revised Syllabus