Manonmaniam Sundaranar University
Tirunelveli -12
Department Library and Information Science
M.Lib.I.Sc. - Master of Library and Information Science
Under the Choice Based Credit System (CBCS)
Effect from the Academic Year 2020-2021
For those admitted from the academic year 2020-2021 onwards
Regulation, Course Structure, Scheme of Examination and Syllabus

Regulations

Objectives:

To impart basic knowledge in the discipline of Library and Information Science including its theories, concepts, general principles and techniques.

To enable the students to have a through exposure to the Library and Information Science so as to gain a comprehensive knowledge in the subject of Library and Information Science

To understand the links of Library and Information Science to other disciplines and also to the societal issues.

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		Semester - I							
Core 1		Knowledge Management	4	4	25	75	100	38	50
Core II		User studies and Informetrics	4	4	25	75	100	38	50
Core III		Advanced Knowledge Organisation -I (Classification Theory)	4	4	25	75	100	38	50
Core IV		Internship Part II (Vacation)	2	2	50	50	100	38	50
Core Practical		Advanced Knowledge Organisation -I (Classification Practical	2	2	50	50	100	38	50
Elective I		Optional Paper : Information Literacy application in LIS (or) Web based Information Resources	2	3	25	75	100	38	50
		Total	**22**	**21**					
		Semester - II							
Core 1		Marketing of Library sources and services	4	4	25	75	100	38	50
Core II		Research Methodology	4	4	25	75	100	38	50
Core III		Advanced Knowledge Organisation - II (Cataloguing Theory)	4	4	25	75	100	38	50
Core IV		Project	4	4	50	50	100	38	50
Core Practical		Advanced Knowledge Organisation -II (Cataloguing Practical)	4	2	50	50	100	38	50
Elective I		Optional Paper: Web Technologies (or) Digital Libraries	2	3	25	75	100	38	50
		Total	**20**	**21**					

Paper I - Core

Paper Code:
Title of the Paper: Knowledge Management

Preamble: **L T P C**

1. To familiarize students with basic concepts of information and its communication in society.
2. To learn advanced information processing techniques and develop capability in retrieving information by applying different search techniques.
3. To acquaint students with the activities and services of different information systems and introduce the repackaging and consolidation techniques.
4. To introduce the different methods and techniques of research.
5. To identify and learn the major issues in the development of new technology in the libraries.
6. To develop skills in using computer and communication technology; and
7. To introduce modern management techniques to students to manage Libraries and Information Centres effectively.

Unit 1 – **Knowledge Economy**
Features, characteristics, complex nature of knowledge, taxonomy of knowledge; Need for Knowledge
Management. (14L)

Unit 2 -**Knowledge Management**
Basics,Meaning and definition of KM; Types of knowledge; KM Systems; Knowledge creation and
knowledge architecture – Nonaka's model (11L)

Unit 3 – **Knowledge Management-Strategies**
Capturing tacit knowledge – methods; Knowledge codification – tools and procedures Knowledge
Mapping; Knowledge testing; Knowledge transfer (12L)

Unit 4 – **Knowledge Management System**
Tools and Portals, Data visualization; (13L)

Unit 5 **Data mining;**
Managing knowledge workers. Knowledge - Management in Library and Information Centers. (10L)

Total – 60L

REFERENCES
Bultrini, Leda., McCallum, Sally., Newman, Wilda and Sempéré, Julien (2016). Knowledge
Management in Libraries and Organizations.. IFLA Publications

Bhaskar Mukherjee and Mohammad Nazim (2016). Knowledge Management in Libraries: Concepts,
Approaches and Tools. Chandos Publishing

Dalkir, Kimiz& Liebowitz, Jay (2015). Knowledge Management Theory & Practice.
MIT Press

Easterby-Smith, Mark & Lyles, Marjorie A. (2016). Handbook of organizational
learning and knowledge management. Wiley

Liebowitz, Jay (2014). Knowledge Management Handbook: Collaboration and Social
Networking. Taylor and Francis.

Mohammad Nazim and Bhaskar Mukherjee (2016) Knowledge Management in Libraries Concepts,
Tools and Approaches. Elsevier Ltd.

Paper Code:

Title of the Paper: User studies and Informetrics

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   (14L)

Unit – II

University and college library user behaviour – evolving a theory of user behaviour –

Characteristics - patterns of user behaviour users and their influencing factors – Limitations in

behavioural research in librarianship - User needs and user education: concepts – Aims and objectives –

planning of user education – problems of user studies and user education.   (11L)

Unit -III

Evolution of the concept of Infometrics -Librametrics, Bliometrics, Scientometrics - Theory and Laws -

Zipf's law, Lotka's Law, Bradford's Law. Price Theory and Circulation theory.   (12L)

Unit – IV

Quantitative and Qualitative techniques: Types, Multidimensional scaling, Cluster analysis,

Correspondence analysis, Coword analysis and, media and audience analysis, SPSS.11.0 version (13L)

Unit –V

Citation Analysis; Definition, Theory of citing, different forms of citations, Age of citation – citation

counts, Self -citation - Application of Quantitative and Qualitative tools and techniques in LIS

Research   (10L)

References:

Devarajan. User Studies. Allied Publishers, New Delhi, 2017

Garfield (E) : Citation Indexing,

Kumar, PSG. Library and Users: Theory and Practice. BR Publications, New Delhi, 2014

RavichandraRao(2016): Quantitative Methods in Library and Information Science. Delhi: Wiley

Eastern, 2016

Ravichandra Rao (IU) : Informatics, 2015.

Sridhar, MS. Library Use and User Research. Concept Publishing Co., New Delhi

Paper III - Core

      Paper Code

      Title of the Paper: Advance Knowledge Organization - I (Classification and Cataloguing Theory)

Unit - I

Universe of Knowledge: Structure and attributes-Modes of formation of subjects   (14L)

Unit-II

General theory of Library Classification: Normative Principles and their applications; Canons and Facet Analysis; fundamental Categories   (11L)

Unit – III

Schemes of Library Classification: Introduction, Features and Application- CC, DDC, UDC and LC

(12L)

Unit –IV

Cataloguing: Purpose, structure, types; normative principles, Canons & Laws; Standard codes of Cataloguing –CCC and AACR

       (13L)

Unit – V

Subject cataloguing – subject heading lists-SLSH, LCSH. Bibliographic Control –ISBD(G) and UBC.

(10L)   Total - 60L

REFERENCES

Dewey Decimal Classification and Relative Index.OCLC.

Universal Decimal Classification . UDC Consortium.

 Gopinath, M.A , Ranganathan S R. Prolegomena to Library Classification EssEss Publication

Ranganathan, S R. Colon Classification Basic Classification - Ranganathan Series in Library Science 4: Madras Library Association Publication 26.

Ranganathan, S R. Philosophy of Library Classification.EssEss Publication

Ranganathan, S R Classification and Communication EssEss Publication

Ranganathan, S R Elements of Library Classification South Asia Books

Paper IV - Core

Paper Code:

Title of the Paper: Internship

To place students in a working Library & Information Centre environmentapproved / recommended by the Department to enable them to be exposed tothe various sections / divisions to gain practical knowledge and to give themworking experience.

Internship shall be for one month (30 days).

A Report shall be submitted by each student along with a certificate from the head of the library concerned for the completion of Internship. The Internshipreport will be evaluated by the department faculty and marks will be sent to

the Controller of Examinations.   Total -60L

Paper V - Core

Paper Code:

Title of the Paper: Advance Knowledge Organization I (Classification Practical)

DDC and UDC

Scheme 1:
Dewey Decimal Classification - Practical
Classification of Macro and Micro documents using specified edition of DDC.

Scheme 2:
Universal Decimal Classification - Practical
Classification of Macro and Micro documents using specified edition of UDC.

REFERENCES

Dewey Decimal Classification and Relative Index.OCLC.

Universal Decimal Classification . UDC Consortium.

Gopinath, M.A , Ranganathan S R. Prolegomena to Library Classification EssEss Publication

Ranganathan, S R. Colon Classification Basic Classification - Ranganathan Series in Library Science 4: Madras Library Association Publication 26.

Ranganathan, S R. Philosophy of Library Classification.EssEss Publication

Ranganathan, S R Classification and Communication EssEss Publication

Ranganathan, S R Elements of Library Classification South Asia Books

Elective
Paper Code:

Title of the Paper: Information Literacy Applications in LIS

UNIT – I : Fundamental of Information Literacy

 Concept, Need and Objectives - Areas of Information Literacy - Standards in Information Literacy - Role of Institution in Information Literacy   (8L)

UNIT - II : Information Literacy Programmes

 Scope of Information Literacy Program - National Program in Information Literacy - International Program in Information Literacy   (9L)

UNIT – III : Methodology of Information Literacy

 Information Literacy Products: Library Brochure, Database Brochure, Web-based Access Instructions, Information Bulletin - Designing of Information Literacy Program - Implementation of Information Literacy Programs   (10L)

UNIT- IV : Application of Information Literacy in Library and Information Centre's

 Information Literacy for Users - Information Literacy for Professionals - Information Literacy for Research and Development   (10L)

UNIT - V :Trends in Information Literacy
Web based Information Literacy System - OPAC Information Literacy System - Life Long Learning System   (8L)

(Total -45L)

References:

BaldwinV A (2015). Information Literacy in Science & Technology Disciplines. Library Conference Presentation and Speech. University of Nebraska, Lincoln.

Eisenberg M B (2014), . Information Literacy: Essential Skills for the Information Age. 2nd ed. Libraries Unlimited ,Westport.

Grassian E S.(2015). Learning to lead and manage information literacy instructionNeil Schuman Publishers, New York
.
Grassin E S and Kaplowitz J R (2015). Information Literacy Instruction: Theory and Practice. . Neal Schuman, New York.

Elective

Paper Code:

Title of the Paper: Web based Information Resources

Unit 1:
General Introduction - Nature and characteristics of information; Role of electronic resources in - scholarly communication; trends in scholarly communication   (8L)

Unit 2:
Electronic Information Resources - Definition, characteristics and types; Information Resources on the Internet –E-books, E-journals, information gateways   (9L)

Unit 3:
Open Course Ware, MOOC ,DRM, DOI, Link resolvers, open access resources, open data initiatives ,preprints, discussion forums, technical reports, OPACs, ETDs, Patents,reference sources, (10L)

Unit 4:
search tools, subject directories, courseware, software - Prominent sources in different subjects
Databases: Bibliographic, Full-text, numeric,   (10)

Unit 5:
Ready Reference Sources –dictionaries, encyclopaedias, yearbooks, directories, biographical sources,geographical sources, handbooks and manuals and statistical sources   (8L)

(Total-45L)

REFERENCES
Andrew C. White & Eric Djiva Kamal. (2014). E-metrics for Library and Information Professionals: How to Use Data for Managing and Evaluating Electronic Resource

Cathy De Rosa et al. (2015). Perceptions of libraries and information resources: a

report to the OCLC membership. OCLC Online Computer Library Center,

Frank Rennie & Robin Mason. (2017). e-Learning and Social Networking Handbook: Resources for Higher Education. Routledge

Miller, William & Pellen, Rita .(2015). Adapting to E-Books. Routledge

Pitschmann, Louis. (2017). Building sustainable collections of free third-party Web resources. Washington, D.C.: Digital Library Federation, Council on Library and Information Resources.

Siemens, Raymond George, & Schreibman, Susan. (2017). A companion to digital literary studies. Blackwell Publishing.

<div align="center">

Semester II
Paper I –Core
Paper Code:

Title of the Paper: Marketing of Library Sources and Services
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UNIT – I: Fundamental Concepts

Needs, Objectives and Philosophy - Marketing Environment: Producer, Consumer – Buyer Behavior - Marketing Information System - Market Segmentation - Marketing Mix   (14L)

UNIT – II: Strategies and Techniques

Strategic Planning- Marketing Research - Marketing Process   (11L)

UNIT – III: Promotion of LIS Products and Services

LIS Products and Services as a Marketable Commodity - Pricing, Distribution Channels and Communication Strategies - Advertising, Sales Promotion- Public Relations - E-Marketing   (12L)

UNIT –IV: Management Consultancy

Evolution, Need and Objectives- Voluntary versus Authenticated Consultancy - Impact of Management Consultancy on Librarianship - Role of Library Associations and LIS Schools   (13L)

UNIT – V: Information Analysis, Consolidation and Re-Packaging

Information Analysis and Consolidation: Concept, Need and Purpose -Packaging and Re-Packaging: Concept, Need, Purpose and Criteria - Information Consolidation Products: Concept, Types, Design and Development

                         (10L)

                         (Total-60L)

Recommended Books

BAKEWELL (K G). (2017) Managing user-centred libraries and information services. Ed. 2. . Maxwell, London.

CARPENTER (J) and DAVIES (R). (2015). Research and Development, British Library, London.

COOTE (Helen) and BATCHELOR (Bridget).(2017). How to market your library services effectively. Ed. 2. Aslib, London.

HELINSKY (Z). (2018) A short-cut to marketing the library. Chandos Publishing, Oxford.

 KOTLER (Philip).(2016) Marketing management. Ed.12. Prentice Hall, Delhi.

Paper II –Core

Paper Code:

Title of the Paper: – Research Methodology

UNIT – I: Introduction to Research

Research: Concept, Need and Purpose ,Research Problem and Research Design Literature Review Hypothesis: Definition, Types, Sources and Functions   (14L)

UNIT –II: Types of Research Methods

Historical, Survey and Experimental,Case Study, Scientific Research and Statistical Research, etc. (11L)

UNIT – III: Research Techniques

Research Techniques and Tools: Questionnaire, Interview, Observation, Schedule and Check-list, etc. Library Records and Reports   (12L)

UNIT – IV: Statistics and its Applications

 Descriptive Statistics – Measures of Central Tendency: & Dispersion, Correlations and linear regression, Chi-Square test, t-test, z-test, f-test. Presentation of Data: Tabular, Graphic, Bar Diagram and Pie Chart, etc. Report Writing Statistical Packages – MS Excel, SPSS, and Web-based Statistical Analysis Tools, etc.   (13L)

UNIT – V: Metric Studies and Style Manuals

Scientometrics, Infometrics and Webometrics Manual Structure, Style, Contents- ISI, MLA, APA, CHICAGO, (10L)

(Total -60L)

References:
 Alvesson Mand SkoldbergK.(2015)   Reflexive methodology: new vistas in qualitative research. Ed. 2 Rev. Sage Publication, London.

BushaC H.(2016). Research methods in librarianship. Academic Press, New York.

Goode W J and Hatt P K (2016). Methods in social research. McGraw-Hill, New York.

Greenfield T. (2017) Research methods: guidance for postgraduates.. Hodder Arnold, London.

Krishan Kumar. (2015). Research methods in library and information science. Rev. Ed. Har-Anand Publications, New Delhi.

Powell R Rand Silipigni C L.(2014). Basic research methods for librarians. Ed. 4. Libraries Unlimited, Westport.

Paper III –Core

Paper Code:

Title of the Paper: Advanced Knowledge Organization – II (Cataloguing Theory)

UNIT - 1
Cataloguing of different kinds of documents – Print and E-resources using - appropriate standards – AACR-2   (14L)

UNIT II.
Main and Added Entries of Documents: Single Author, Joint Authors, Editors - Corporate author, Continuing Resources (Serials),Pseudonyms Author andAnonymous Books, Non-Book Materials (e-resources), Assigning SubjectHeading to Documents-Sear's List of Subject Heading   (11L)

UNIT III
Cataloguing: Purpose, structure, types including - Normative principles,Canons & Laws; Standard codes of Cataloguing AACR 2   (12L)

UNIT IV:
Subject cataloguing subject heading lists; thesauri and vocabulary control   (13L)

UNIT V
Cataloguing of Documents: Print and Non-Print using AACR-2   (10L)

(Total-60L)

References:

Anglo American Cataloguing Rules. 2nd Edition Rev. New Delhi, Oxford, 2015

Barbara M Westby, Ed. Sears List of Subject Headings, New York, HW Wilson,2016.

Byrne, Deborah J. MARC Manual: Understanding and Using MARC Record.Englewood, Libraries Unlimited, 2015.

Chernyi, A.I. Introduction to Information Retrieval Theory. London, ASLIB, 2017.

Fritz, Deborah A. Cataloguing with AACR2 and US-MARC Records. Chicago,ACA, 2016.

Paper IV - Core
Project

Dissertation = 80 Marks [2 Reviews – 20+20=40 Marks, Report Valuation = 40 Marks]-Viva= 20 Marks

(Total – 60L)

Paper V – Core

Paper Code:

Title of the Paper: Advanced KnowledgeOrganisation – II (Cataloguing Practical)

Exercise

1.	Classification of Books and Periodicals according to CCC	(15L)
2.	Cataloguing of Documents: Print and Non-Print using AACR – II	(15L)

(Total-30L)

References:

Anglo American Cataloguing Rules. 2nd Edition Rev. New Delhi, Oxford, 2015

Lal, C and Kumar, K. Practical Cataloguing AACR-2. ESS Publications, New Delhi. 2006.

S.R. Ranganathan (2006) . Classified Catalogue Code with Additional Rules for Dictionary Catalogue Code .EssEss Publications

Elective

Paper Code:

Title of the Paper: – Web Technologies

Unit 1: WWW: An Overview
Evolution and growth of Web; The Invisible Web; Internet Architecture: H/W &S/W Components, Client/Server Principle, Routers, Connection Types, ISP,Protocols, Uniform Resource Locator, IP Address; Domain Name System;Web servers: Apache etc. (8L)

Unit 2: Web Design Principles
Mark-up Languages: SGML, HTML, XML; Web Browsers: Internet Explorer,Mozilla Firefox, and Google Chrome.Communication Tools: E-mail, Discussion Groups,   (9L)

Unit 3: Social Media
Basicprinciples and practices in developing websites - Tools and technologies associated to website designing, concept of webbrowsers-Page design and layout , design concepts , Mark up languagesSGML, HTML, XML, CSS , Dream weaver, Web publishing and hosting.   (10L)

Unit 4: Search Engines
Search Tools: Search Engines and Meta Search Engines; Intranet andExtranet: Components, Prerequisites and Services; Design and evaluation ofSearch engines.   (10L)

Unit 5: Web Security
Internet Security: Worms, Viruses, Malware, Spyware, phishing, Cyber Crime:
Provision in the Indian IT Act; Firewalls, Anti-Virus, Anti-Spyware.   (8L)

(Total- 45L)

References:

Bates, Chris. (2016). Web Programming: Building Internet Applications. 3rd Ed.
Wiley-India.
Duckett, Jon .(2014). HTML and CSS: Design and Build Websites Paperback .Wiley

Hartl, Michael &Prochazka, Aurelius. (2017). RailsSpace: Building a Social
Networking Website with Ruby on Rails. Addison-Wesley Professional.

Kalbach, James. (2017). Designing Web Navigation: Optimizing the User Experience.
O'Reilly Media.

Morville, Peter & Rosenfeld, Louis. (2016). Information Architecture for the World
Wide Web: Designing Large-Scale Web Sites. 3rd Ed. O'Reilly Media.

Robbins, Jennifer Niederst. (2017). Learning Web Design: A Beginner's Guide to
HTML, CSS, JavaScript, and Web Graphics. 4th Ed. O'Reilly Media.

Paper VI - Elective

Paper Code:

Title of the Paper::Digital Libraries

Unit – I
Concept of Digital Libraries - Transition of libraries from traditional to digital-:
Definitions, Characteristics, Theoretical Fundamentals, merits, demerits and challenges (8L)

Unit – II
Digital Library Management - Design and Organization of Digital Libraries:
Architecture, Interoperability, Protocols and Standards; User Interfaces   (9L)

Unit – III
Digital content creation: organization and Management, files & formats - Overview of Major
Digital Library Initiatives- Open Archives Initiative (OAI) and similar developments   (10L)

Unit – IV
Building the digital library - Digitization – process and methods – Planning forDigitization -
Institutional Repositories- Open Source Software for digital libraries: GSDL -DSpace – EPrints, Access
to and Use of Digital Libraries; Storage, Archiving and PreservingDigital Collections. (10L)

Unit – V
Web Technology: An overview; Web Browsers and Search Engines, Web sites and Web
portal Tools and Techniques – Webpage design using HTML   (8L)

(Total- 45L)

Reference Books

 Gorman, G.E.(2015) The Digital Factor in Information and Library Services. London:
Facet Publications

Lankes, R. D.(2016) Implementing Digital Reference Services: Setting Standards and
making it real. London: Facet,

 International Conference on Digital Libraries. ICDL 2004. TERI, New Delhi.2018.

Upadhaya, J.L. Information Retrieval and Digital Libraries New Delhi, Shree
Publishers and Distributors, 2017

G.G. Chowdhury. Introduction to Digital Libraries. London: Facet Publishing, 2016.

John M. Cohn, Ann L. Kelsey and Keith Michael Fiels, Planning for Libraryautomation: A Practical
Handbook – London: Library Association, 2016.