DEVI AHILYA VISHWAVIDYALAYA, INDORE (M.P.)
CENTRAL LIBRARY

SCHOOL OF LIBRARY AND INFORMATIONSCIENCE
Under
(FACULTY OF ENGINEERING SCIENCES)

MASTER OF LIBRARY AND INFORMATION SCIENCE (M Lib. & I. Sc.)

PROSPECTUS & SCHEME OF EXAMINATION
w.e.f. - 2021-2022 Onwards

1. LIBRARIANSHIP AS A CAREER

Libraries are now universally recognized as important social institutions, The rapid increase in production of recorded knowledge, have led to the expansion of libraries and the development of their services. A library is an important element of the community. An academic library is an essential part of an educational institution school, college or university.

Librarianship is a growing field, which has attained the status of a separate discipline in the universe of knowledge. It presents challenges and interesting situations to library personnel. The management of these libraries needs personnel with good academic and professional qualifications. Proficiency in one the natural sciences, social sciences or the humanities is helpful in the professional development of a Librarian. Library work is primarily a social service, and therefore, needs young men and women with a sense of dedication and a spirit of service. Those intending to enter the library profession should satisfy themselves that they possess the academic qualification and the sense of vocation that would enable them to work successfully as librarians.

Librarianship as a profession provides a variety of employment opportunities. In Fact, it is possible to choose the kind of library to suit one's interest and background. Persons with a superior record high qualification can achieve high position. The salaries in college, university libraries are comparable to those of teachers.

The School of Library and Information Science, Central Library, is organized under the Faculty of Engineering. It conducts one-year (two semesters) fulltime course leading to the Degree in Master of Library and Information Science.

2. OBJECTIVES:

- To enable the student to understand and appreciate the functions and purpose of library in changing social and academic environment.
- To train the student in the techniques and management of Libraries of the 21st century.
- To train the students in the skills of information knowledge processing, organization and retrieval using modern technologies.
- To develop the skills to manage the Electronic Libraries in digital environment and to provide the advanced skills in computer and its application in library and information activities.

2. DURATION OF THE COURSE:

The Master of Library and Information Science shall comprise of a course of study spread over a period of two semester in one year duration. The candidates will be full time students of the course.

4. ELIGIBILITY:

A candidate seeking admission to the program must have passed a Bachelor of Library and Information Science examination with 50% or equivalent grade of Devi Ahilya Vishwavidyalaya, Indore or any other Statutory University/Institute recognized as equivalent thereto by DAVV. The candidate must have attained the age at the time of admission as Prescribed by the Government of Madhya Pradesh and the University from time to time.

05. ADMISSION PROCEDURE:

The admission to the course shall be through written / interview examination as prescribed / decided by the university from time to time. (In case candidates are less than available seats direct admission may be given with the permission of Hon'ble Vice Chancellor.)

6. NUMBER OF SEATS:

The total numbers of seats are 30. The Reservation of seats shall be as per M.P. Government /University rules.

7. FEES STRUCTURE:

Name of School: School of Library & Information Science
Name of Course: Master of Library & Information Science

The tentative fee structure for the proposed course is as follows: (As per the University*)

Semester	Academic Fees	Dev. & Maint Fees	Students' Services Fee		Exam. Fees	Total		Caution Money (Refundable)	Alumni Fee
			Boys	Girls		Boys	Girls		
First	5500	2000	3300	3111	2500	13300	13111	4000	500
Second	5500	2000	2911	2722	2500	12911	12722		

*The fees structure is subject to change by the Executive Council from time to time.
** Separately in Alumni Association Account only once.

8. CURRICULUM:

The details of the subjects to be taught during the one year period in two semesters, curriculum pattern and examination scheme for each semester shall be subject to the approval of the concerned board of studies/faculty/other academic bodies of the university. In addition, the students will be required to undertake and complete assignments, seminars, etc, as prescribed in the course of stud**y.** The detailed Academic program and scheme of examination are as follows.

ACADEMIC PROGRAMME
(With no. of lectures and credits per week for UTD as per CBCS)

M.L.I.S. SEMESTER – I

Course Code	Nomenclature	No. of Lectures / Practicals per week		No. of Credits	Faculty Name
Part – A (Theory Papers)		**Lectures**	**Practical**		
Core					
501	Information Communication and Society	5	-	5	
502	Information Processing & Organisation (Advance Lib. Classification Practice)	2	4	4	
503	Information Processing & Organisation (Advance Lib. Cataloguing Practice)	2	4	4	
Elective Centric (Any One)					
504	Research Methods and Statistical Techniques	4	-	4	
505	Communication Skill and Personality	4	-	4	
Elective Generic (Inter Departmental)					
506	Information Storage and Retrieval System	3	-	3	
Part – B (Viva-voce)					
507	Comprehensive Viva-voce	-	-	04	
			Total Credits	**24**	

M.L.I.S. SEMESTER – II

Course Code	Nomenclature	No. of Lectures / Practicals per week		No. of Credits	Faculty Name
Part – A (Theory Papers)		**Lectures**	**Practical**		
Core					
508	Information Technology Application (Theory)	5	-	5	
509	Information Technology Application (Practice)	-	8	4	
510	Changing Dimension in Library Management	4	-	4	
Elective Centric (Any One)					
511	Special Librarianship	4	-	4	
512	Dissertation	4	-	4	
Elective Generic (Inter Departmental)					
513	Digital Libraries (Uses and Management)	3	-	3	
Part – B (Viva-voce)					
514	Comprehensive Viva-voce	-	-	04	
			Total Credits	**24**	

SCHEME OF EXAMINATION
(As per Ordinance 31)*

M.L.I.S. SEMESTER – I

Part – A (Theory Papers)		Maximum Marks	
Paper Code	**Nomenclature**	**Class Test**	**End Sem**
Core			
501	Information Communication and Society	40	60
502	Information Processing & Organisation (Advance Lib. Classification Practice)	40	60
503	Information Processing & Organisation (Advance Lib. Catalouging Practice)	40	60
Elective Centric (Any One)			
504	Research Methods and Statistical Techniques	40	60
505	Communication Skill and Personality Development	40	60
Elective Generic (Inter Departmental)			
506	Information Storage and Retrieval System	40	60
Part – B (Viva-voce)			
507	Comprehensive Viva-voce	--	100
SUB TOTAL		**200**	**400**
TOTAL		**600**	

M.L.I.S. SEMESTER – II

Part – A (Theory Papers)		Maximum Marks	
Paper Code	**Nomenclature**	**Class Test**	**End Sem**
Core			
508	Information Technology Application (Theory)	40	60
509	Information Technology Application (Practice)	40	60
510	Changing Dimension in Library Management	40	60
Elective Centric (Any One)			
511	Special Librarianship	40	60
512	Dissertation	40	60
Elective Generic (Inter Departmental)			
513	Digital Libraries (Uses and Management)	40	60
Part – B (Viva-voce)			
514	Comprehensive Viva-voce	--	100
SUB TOTAL		**200**	**400**
TOTAL		**600**	

Semesters	Maximum Marks
Semester – I	600
Semester – II	600
GRAND TOTAL	**1200**

The grading will be made on 10-point scale as described below:

Letter Grade	Grade Points	Description	Range of Marks (%)
O	10	Outstanding	90-100
A+	9	Excellent	80-89
A	8	Very Good	70-79
B+	7	Good	60 – 69
B	6	Above Average	50 - 59
C	5	Average	40 - 49
P	4	Pass	35 - 39
F	0	Fail	0 - 34
Ab	0	Absent	Absent

9. ELIGIBILITY FOR THE DEGREE:

The candidate shall be eligible for the degree when he/she has under gone the prescribed course of studies for a period of not less than one year (two semester) in the institution and has passed the requisite examination in all the subjects.

10. REQUIREMENT FOR THE EXAMINATION AND ATTENDANCE:

The candidate will be permitted to appear in the examination if he/she has put in minimum attendance of the lectures on each subject as prescribed under the rules as applicable from time to time and if he/she fulfils all other eligible conditions for appearing in examination.

11. EXAMINATION:

Examination shall be conducted by the university as per the provisions of Ordinance No.14. For matters not covered in this ordinance, General rules of the university examination shall be applicable. In other cases, the Executive Council shall be the competent authority to decide.

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MASTER OF LIBRARY AND INFORMATION SCIENCE (M. Lib& I Sc)
PROGRAM CODE – LI5A

SYLLABUS FOR FIRST SEMESTER
(July-December)
Academic Year 2021-22 Onward

Course 1. : Information, Communication and Society

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
501	Core	5	5		75	
Objectives	To know the concepts of information science and its role for the development of the society.					
Learning Outcomes	By the end of this Paper, the students will be able to know about the information and its importance in society. Efficiently use of information in the development of nation.					

Unit	Content	Hr/Unit
I	Information: characteristics, nature, Definitions, Types, uses of information. Conceptual difference between Data, Information and Knowledge. Role of information in National development schemes. Information generation, communication: Communication channels, models and barriers. Trends in scientific communication.	
II	Information Science: Definition, Scope and objectives. Information science as a discipline and its relationship with other subjects: Library Science, Computer Science, Information Technology.	
III	Library, Information and Society: Genesis, characteristics and implications of information on Society. Changing role of library and information centers in society. Information industry-generators, providers and intermediaries. Concept of freedom of censorship.	
IV	Economics of Information: Policies relating to information, Right to information including Science and technology and related Acts. International and national programs and policies of library science in IT era and library. UAP, UBC. Marketing of Information services and products. Major networks: INFLIBNET, JANET,OCLC and BLAISE.	
V	Knowledge Management: Social epistemology of Knowledge, Structure and Development. Emerging perspectives in Knowledge management. Role of knowledge management in organizational structure. National Knowledge Commission and its implications.	

Study Material and Sources:

1. Martin (W.J.): The global information society. Brookfield, VT: Gower, 1995.
2. Benjamine (J.B.): Communication: concept and contexts. New York: Harper & Row, 1986.
3. McGarry (K.J.): The changing concept of information: an introductory analysis. 2nd. ed. London: Facet, 1993.
4. Vickery (B.C.) and Vickery (A.). : Information science in theory and practice. London: Butterworth, 1987.
5. Machlup (F.) The Economics of information and human capital. Princeton: Princeton University Press, 1984.
6. Feather (J.): The information society. London: Library Association, 2000.

Course 2. : Information Processing and Organisation (Advance Library Classification)

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
502	Core	4	2	4	30	60
Objectives	To learn the theories of Library classification and To learn the library classification practice using CC/ DDC 22nded .					
Learning Outcomes	By the end of this paper, the students will be able to; Understand the scientific principles and the theories of library classification and students will be able to assign the class number for books and other reading materials using the DDC 22nded.					

Unit	Content	Hr/Unit
I	Knowledge classification Vs. Document Classification.Fundamental categories, rounds and levels.Principles of helpful sequence.Telescoping of arrays.Common and Special Isolates, devices, Phase relations.	
II	Detailed study of the Structure and features of DDC, UDC and CC. Recent developments in Classification Schemes.Comparative study of DDC 19th and 23rd Ed.	
III	Classification of documents using DDC 22nd edition	
IV	Classification of documents using DDC 22nd edition	
V	Classification of documents using DDC 22nd edition	

Study Material and Sources:

1. Krishan Kumar: Theory of classification. New Delhi: Vikas, 1980.
2. Raju, A.A.N.: Decimal, Universal Decimal and Colon Classification: a study in comparison. Delhi: Ajanta, 1984.
3. Ranganathan, S.R.: Prolegomena to library classification. Ed. 3. Bombay: UBS, 1967.
4. Ranganathan, S.R.: Elements of library classification. Ed. 2. Bombay: UBS, 1966.
1. Sears List of Subject Headings. Latest available edition. New York: Wilson.
2. Anglo-American Cataloguing Rules. 2nd ed. 1988 revision. London: LA, 1988.
5. Dewey, M.: Dewey decimal classification and relative index. 4 vols. 22th ed. New York: Forest Press, 2003

Course 3. : Information Processing and Organization (Advanced Library Cataloguing)

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
503	Core	4	2	4	30	60
Objectives	To learn advanced library cataloguing practices for cataloguing of different reading materials usingAACR 2nd ed.					
Learning Outcomes	By the end of this paper, the students will be able to create a library catalogue according to the rules of AACR-II in machine readable format and learning about the cataloguing scientific theory.					

Unit	Content	Hr/Unit
I to II	Cataloguing of Documents using AACR 2nd edition: Journals, Composite books, Corporate Authorship, Multi volumes.	
II	Non documentary sources, electronic resources and Internet resources. Sear's List of subject headings	
III	Subject Cataloguing: Detailed study of Cataloguing of Composite books, Corporate Authorship, Multi volumes, Journals, Non documentary sources, electronic media, and Internet Resources (According to AACR-II).	
IV	Library of congress subject headings. Cataloguing of electronic resources. Development in AACR II. Descriptive and selective cataloguing. Forms of cataloguing: Centralized, cooperative, prenatal, CIP, Union catalogue.	
V	Current developments in cataloguing: MARC, UNIMARC/USMARC and related soft wares. International Library Standards for Document description	

Study Material and Sources:

1. Girja Kumar and Krishan Kumar: Theory of cataloguing. 5th ed. New Delhi: Vikas, 1988. 08. Sengupta, B.: Cataloguing: its theory and practice. 3rd ed. Calcutta: World Press, 1975.
2. Tripathi, S.M.: Modern cataloguing theory and practice. 2nd ed. Agra: Shivlal Agarwal & Co. 1978.
3. Vishwanathan, C.G.: Cataloguing: theory and practice. 5th ed. Lucknow: Print House, 1983.
4. ALA Rules for filing Catalog Cards. Chicago: ALA, 1968.
5. Krishan Kumar: Cataloguing. New Delhi: HarAnand, 1993..

Course 4. : Research Methods and Statistical Techniques

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
504	Elective Generic (Any One)	4	4		60	
Objectives	To learn about the research methods, statistical techniques and their application in LIS.					
Learning Outcomes	Upon studying this paper, the students will be able to understand the basics of research and use of statistical techniques. Aware to the recent trends of research in LIS					

Unit	Content	Hr/Unit
I	Research: Concept, meaning, need and purpose .Types of research: Research Methods: Scientific, historical, and descriptive:survey, case studies. Methods of data collection: Questionnaire,Schedule, interview, observation. Techniques of data collection:Censusand sampling.Ranganathan's Spiral of scientific method.	
II	Research Design: Conceptualization and operationalization: Types of research design. Identification and formulation of problem.Hypothesis; definition and types.Designing research proposal.Ethical aspects of research. Literature search – Print,non-print and electronic sources.	
III	Research Process: Subject Identification, Data collection, Data analysis Presentation. Measures of central tendency: Mean, Median, Mode and Standard deviation. Tabulation and generalization.Graphical presentation of data.	
IV	Research Reporting: Structure, Style, Contents. Guidelines for research reporting.Style Manuals – Chicago, MLA, APA .Current trends in library and information science research.	
V	Bibliometrics, Scientometrics, Informetrics, Sociometrics, and Webometrics. Concept and definition. Bibliometric laws: Bradford, Zipf and Lotka. Citation analysis.	

Study Material and Sources:

1. Kothari, C. R.: Research Methodology: Methods and Techniques. Delhi, New Age International, 2004.
2. Gupta, Santosh: Research Methodology and Statistical Techniques. Delhi: Deep and Deep Publications, 1999.
3. Khan: Research Methodology. New Delhi: APH Publishing, 2011.
4. Bhattacharyya, D K: Research Methodology. New Delhi: Excel Books India, 2009.
5. Singh, Y. K: Research Methodology, New Delhi: APH Publishing, 2010.
6. Mishra, R. P.: Research Methodology: a Hand Book. Delhi: Concept Publishing , 1989.
7. Pathak, R.P.: Methodology of Educational Research, New Delhi: Atlantic Publishers , 2008
8. Jackson, Sherri L.: Research Methods and Statistics: A Critical Thinking Approach: A Critical.- 4thed: Cengage Learning, 2011
9. Krishan Kumar: Research methods in library and information science. New Delhi: Vikas, 1992.
10. Pant,Durgesh and Sharma, Mahesh Kumar: Fundamentals of Information Technology. New Delhi: Laxmi Publications Ltd., 2008.
11. Tiwari, Purshottam: Information Technology and Library Evolution. New Delhi: APH Publishing, 2007.

Course 5. : Communication Skills and Personality Development

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
505	Elective Generic (Any One)	4	4		60	
Objectives	To enable them to reflect and improve on their communicative behavior/ performance to build capacities for self-criticism and facilitate growth To lead students to effective performances in communication.					
Learning Outcomes	The student will be able to present our self in front of employers, professionals and end users. The students will fill confident and strong.					

Unit	Content	Hr/Unit
I	Introduction to Personality and working towards developing it: Definition and Basic of Personality, Important theories of Personality Development, SWOT analysis, Body Language, Preparation of Self Introduction, Goal setting	
II	Techniques in Personality development Stage I Communication Skills: Listening, Communication Barriers, Overcoming Barriers. Business correspondence. Telephone etiquettes	
III	Techniques in Personality development Stage II Personal Interview. Will power & self-discipline, How to motivate yourself & others. Building Self –Esteem and Self –Confidence, Working on attitudes, Positive thinking, Personal grooming.	
IV	Techniques in Personality development Stage III Interpersonal Relationships: Stress management: Causes, Impact and managing Stress. Environmental awareness, Concept of professionalism, Ethics & Morale.	
V	Techniques in Personality development Stage IV Team Building and Conflict Management, Time Management & effective planning Presentation: Analyzing audience and locale, Organizing content and preparing an outline.	

Study Material and Sources:

1. Nielsen, John. Effective Communication Skills: The Foundations for Change. Xlibris Corporation, 2008.
2. Chambers, Harry E. Effective Communication Skills for Scientific and Technical Professionals. Basic Books, 2001.
3. MTD Training, Effective Communication Skills. Book boon, 2012.
4. Worth, Richard. Communication Skills. Infobase Publishing, 2004.
5. Shaffer, David Social and Personality Development. Cengage Learning, 2008.
6. Mroczek,Daniel K. and Little, Todd D. Ed. Handbook of Personality Development. Psychology Press, 2014.

Course 6. : Information Storage and Retrieval System

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
506	Elective Generic (Inter Departmental)	3	3		45	
Objectives	To learn about the ISAR System and its uses in the library and information centers.					
Learning Outcomes	Upon studying this paper, the students will be able to; Understand the creation of ISAR System. Provide the information services in libraries and information centers.					

Unit	Content	Hr/Unit
I	ISR : Definition , overview and Objectives,Scope,Comonent.	
II	ISR Systems: Operation and Design, compatibility of ISR Systems	
III	Information Consolidation and Repackaging, Evaluation of consolidation: Indexing, Abstracting periodical, Review, State of the Art reports, Trend Reports, Progress Report, Conference reports, Statistical reports.	
IV	Abstracting and Indexing: Abstracting: Types and guidelines in preparing Abstract	
V	Information Retrieval: Search strategies, Evaluation of information retrieval systems, Trends in IR models	

Study Material and Sources:

1. Aitchison (J.), Gilchrist (A.) and Bawden (D.): Thesaurus construction: a practical manual. 4th ed. London: Aslib, 1997.
2. Chowdhury (G.G.): An introduction to modern information retrieval. 2nd ed. London: Facet, 2004.
3. Cleveland (D.B.) and Cleveland (A.D.): Introduction to indexing and abstracting. 2nd ed. Englewood, Colo.: Libraries Unlimited, 1990.
4. Craven (T.C.): String indexing. Orlando, FL: Academic Press, 1986. Also available online at: http://publish.uwo.ca/~craven/book1986/index.htm
5. Ellis (D.): Progress and problems in information retrieval. London: Library Association, 1996.
6. Lancaster (F.W.): Indexing and abstracting in theory and practice. 3rd ed. London: Facet, 2003.
7. Rowley (J.E.) and Farrow (J.): Organising knowledge: an introduction to managing access to information. 3rd ed. Aldershot (GB): Gower, 2000.
8. Taylor (A.G.): The organization of information. 2nd ed. Westport, CT: Libraries Unlimited, 2004.
9. Van Rijsbergen (C.J.): Information retrieval. 2nd ed. London: Butterworth, 1979. Also available online at: http://www.dcs.gla.ac.uk/Keith/Preface.html

Part – B (Viva-voce)

Course 7.: Comprehensive Viva-voce

Course No.	Type	Credit (Virtual)	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
507	Viva-voce	4				
Objectives						
Learning Outcomes						

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SYLLABUS FOR SECOND SEMESTER
(January-May)
Academic Year 2021-22 Onward

Course 8. : Information Technology: Applications (Theory)

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
508	Core	5	5		75	
Objectives	To learn about the basic of library automation and ICT application in Libraries and information centers.					
Learning Outcomes	Upon studying this paper, the students will be able to; Know the basic of ICT and Its application in Libraries and Information Centers. Understand and Create a digital library.					

Unit	Content	Hr/Unit
I	Library Automation: Planning and implementation and library automation. In-house keeping operations: acquisition, cataloguing, circulation, serials control, OPAC etc. Multi lingual bibliographic databases, Library automation software packages: Open Source Softwares and commercial softwares: their study and composition	
II	Communication Technology: Fundamentals of telecommunication technology; media, mode and components. Network types: LAN, MAN, WAN. Network topologies: Bus, Star, ring, token ring. OSI Architecture.OAI, Information Security.	
III	INTERNET Basic features and Tools: Intranet and Extranet: Internet connectivity: Dialup, Leased lines, DSL and ISDN. E-mail.	
IV	Protocol: TCP/IP, FTP, SMTP, HTTP, POP3. Web browser: Detailed study of Web browsers, web servers and search engines. Web.2.0. Library 2.0	
V	Database Management Systems:(DBMS): DBMS and RDBMS, Meaning, Objectives, advantages and application in Libraries. Data warehousing, Data Mining, Meta data: Need, types, functions, standards and harvesting, Artificial Intelligence and Expert Systems: Meaning, development and its application in LIS	

Study Material and Sources:

1. Rowley (J.): The electronic library. London: Library Association, 1998.
2. Bharihoke (D.): Fundamentals of information technology. New Delhi: Pentagon Press, 2000.
3. Bradley (P.): How to use Web 2.0 in your library. London: Facet, 2007.
4. Raitt (D.), Ed.: Libraries for the new millennium. London: Library Association, 1997.
5. Chowdhury (G.G.):Searching CD-ROM and on-line information resources.London:Facet, 2001.
6. Haravu,LJ:Libraryautomation:design, principles and practice. New Delhi: Allied, 2004.
7. Tannenbaum (A.S.): Computer networks. New Delhi: Prentice-Hall India, 2002.
8. Gorman (G.E.): Information services in an electronic environment. London: Facet, 2003.
9. Bradley (P): World Wide Web: how to design and construction web pages. London: Facet, 2002.

Course 9. : Information Technology: Applications (Practice)

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
509	Core	4		8		120
Objectives	To learn the practical uses of ICT in libraries and information Centers.					
Learning Outcomes	By the end of this paper, the students will be able to; Efficiently use so Library Automation Softwares Create a website for giving online library services					

Unit	Content	Hr/Unit
I	Creation and maintenance of databases in TLSS and KOHA.	
II	E-resources management in Digital Library Software Packages. Web page design.	
III	CD-ROM/ DVDs, Online searching	
IV	INFLIBNET, DELNET, Open Access Resources, DAVV Resources and other related resources	
V	Web 2.0 tools and their applications	

Study Material and Sources:

1. Rowley (J.): The electronic library. London: Library Association, 1998.
2. Bharihoke (D.): Fundamentals of information technology. New Delhi: Pentagon Press, 2000.
   Bradley (P.): How to use Web 2.0 in your library. London: Facet, 2007.
3. Raitt (D.), Ed.: Libraries for the new millennium. London: Library Association, 1997.
4. Chowdhury (G.G.): Searching CD-ROM and on-line information resources. London: Facet, 2001.
5. Haravu,LJ:Libraryautomation:design, principles and practice. New Delhi: Allied, 2004.
6. Witten (I.): How to build a digital library. Amsterdam: Morgan Kaufmann, 2003.
7. Tannenbaum (A.S.): Computer networks. New Delhi: Prentice-Hall India, 2002.
8. Gorman (G.E.): Information services in an electronic environment. London: Facet, 2003.
   Bradley (P): World Wide Web: how to design and construction web pages. London: Facet, 2002.

Course 10. : Changing Dimension in Library Management

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
510	Core	4	4		60	
Objectives	702 Current Management Practices in Libraries and Information Centers Credits: 04 Hours: 04					
Learning Outcomes	To learn current management techniques to improve the library and information centers.					

Unit	Content	Hr/Unit
I	Scientific management. Personnel management. Attitudes and Motivation: Meaning, definitions, and techniques. Problem solving, decision making, organization theory, human relations in management.	
II	Organization structures; Library system: Public, Academic and Special. Staffing, Library authority, Delegation of Authority. LIS Committees. Human Resource Development and Job analysis. Library standard and library statistics. Library rules in the digital context.	
III	Applications of system study techniques to library organizations and library situations. Evaluation of library procedures and services. Time and motion studies. Performance testing. PERT/CPM, MBO, MIS, TQM.	
IV	Financial management. Costs benefit analysis, Budget and Budgeting techniques. Collection Development in the public, Academic and Special Libraries. Collection development, policies, processes, techniques and evaluation. Collection development in digital environment.	
V	Role of information in planning, decision making, management. Marketing of Information: Information as a resource and commodity. Marketing for Information Professionals. Marketing Research, Information Marketing Plan, and new technologies for information marketing.	

Study Material and Sources:

Course 11. : Special Librarianship

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
511	Elective Centric (Any One)	4	4		60	
Objectives	To learn about the special library and information system					
Learning Outcomes	By the end of this paper, the students will be able to; Understand the various types special libraries and its information system.					

Unit	Content	Hr/Unit
I	**Special Library**: Definition, need, purpose and types. Collection, Services, products.Recenttrends and developments in the field of special libraries.Growth of special libraries and role of library associations and UNESCO in their developments.Impact of IT on Special Libraries.	
II	**Industrial Libraries:** Concept, Scope, Purpose and advantages. Special collection forindustrial library. Information sources, system and services in Industrial libraries. Information need of industrial users.Role of librarians and information professionals for development of industrial information system.Industrial library and information centers in India.	
III	**Archival Libraries:** Meaning, Definitions, Need and Importance. Archive material and theircreation. Useful techniques.Deterioration of archive material: causes and control. Preservation, Conservation and Restoration of archive material. Archive libraries in India.	
IV	**Medical Libraries:** Meaning, Definitions, Need and Importance. National Library ofMedicine in India and USA.Medical library network in India.Tele-medicine, ICMR, MEDLARS, TKDL.	
V	**Agricultural Libraries:** Determination of finance. Information cycle in agriculture science.Services and collection development.Types of information users and their need in agriculture libraries and information centers. ICAR, ARIS, AGRIS, CeRA	

Study Material and Sources:

1. Kumar, P. S. G.: Industrial Librarianship. B.R. Publishing Corporation, 2008
2. Kumar, P. S. G.: Archival Libraries. B.R. Publishing Corporation, 2008.
3. Kumar, P. S. G.: Medical Librarianship. B.R. Publishing Corporation, 2008.
4. Kumar, P. S. G.: Agricultural Librarianship. B.R. Publishing Corporation,2008

Course 12.: Dissertation

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
512	Elective Centric (Any One)	4	4		60	
Objectives						
Learning Outcomes						

Course 13. : Digital Libraries (Uses and Management)

Course No.	Type	Credit	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
513	Elective Generic (Inter Departmental)	3	3		45	
Objectives						
Learning Outcomes						

Unit	Content	Hr/Unit
I	Digital Libraries – Definition, Objectives Components, Scope, Benefits. Brief Introduction of Digital Libraries , Alexandria and California Digital Libraries	
II	Software for digital libraries.OCR.DOI.Image editing software.	
III	Hardware for digital libraries: Input capture devices, scanners, digital, and movie cameras. Image formats, audio Formation and video formation.	
IV	Digital Preservations of documents. Digital Collection and Evaluation	
V	Social Factors of Digital Libraries, Open Access, Copyright, Security etc. Emerging technologies. Softwares (Open source and commercial)	

Study Material and Sources:
Witten (I.): How to build a digital library. Amsterdam: Morgan Kaufmann, 2003.

Part – B (Viva-voce)

Course 14.: Comprehensive Viva-voce

Course No.	Type	Credit (Virtual)	Hrs/Week (The)	Hrs /Week (Pra)	Hrs/Sem (The)	Hrs /Sem (Pra)
514	Viva-voce	4				
Objectives						
Learning Outcomes						