Anekant Education Society's

Tuljaram Chaturchand College, Baramati
(Autonomous)

One Year Degree Program in Library Science

(Faculty of Library and Information Science)

CBCS Syllabus

M.Lib.I.Sc. Semester –II
For Department of Library and Information Science
Tuljaram Chaturchand College, Baramati

Choice Based Credit System Syllabus (2024 Pattern)
(As Per NEP 2020)

To be implemented from Academic Year 2024-2025

Title of the Programme : M.Lib.I.Sc.

Preamble :

AES's Tuljaram Chaturchand College has decided to change the syllabus of various faculties from June, 2023 by taking into consideration the guidelines and provisions given in the National Education Policy (NEP), 2020. The NEP envisions making education more holistic and effective and to lay emphasis on the integration of general (academic) education, vocational education and experiential learning. The NEP introduces holistic and multidisciplinary education that would help to develop intellectual, scientific, social, physical, emotional, ethical and moral capacities of the students. The NEP 2020 envisages flexible curricular structures and learning based outcomes for the development of the students. The credit structure and the courses framework provided in the NEP are nationally accepted and internationally comparable.

Field of library science is developing very fast have great impact of information technology. LIS professionals are not now limited only with the traditional library services, but they have to keep themselves abreast with the current developments in their field. The job of LIS professionals is now blended with IT professionals. To cope with the new challenges in the field, LIS professionals should perform with library skills, Board of Studies Library and Information Science of Tuljaram Chaturchand College, Baramati - Pune has prepared the syllabus of One year M.Lib.I.Sc. Semester - II under the Choice Based Credit System (CBCS) by following the guidelines of NEP 2020, NCRF, NHEQF, Prof. R.D. Kulkarni's Report, GR of Gov. of Maharashtra dated 20th April and 16th May 2023 and Circular of SPPU, Pune dated 31st May 2023.

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.

Programme Specific Outcomes (POs)

On completing Master of Library and Information Science Programme, students shall be able to realize following outcomes:

PO1 Research-Related Skills and Scientific temper:

Infer scientific literature, build a sense of enquiry and be able to formulate, test, analyse, interpret and establish hypothesis and research questions; and to identify and consult relevant sources to find answers. Able to plan and write a research paper/project while emphasizing on academics and research ethics, scientific conduct and creating awareness about intellectual property rights and issues of plagiarism.

PO2 Effective Citizenship and Ethics:

Demonstrate empathetic social concern and equity centred national development and act with an informed awareness of moral and ethical issues and commit to professional ethics and responsibility

PO3 Social competence and communication skills:

Demonstrate ability to accommodate the views of others and present their own opinions and complex ideas, in written or oral form, in a clear and concise manner in group settings. Exhibit thoughts and ideas effectively in writing and orally; communicate with others using appropriate media, build effective interactive and presenting skills to meet global competencies. Elicit views of others, present complex information in a clear and concise and help reach conclusion in group settings.

PO4 Disciplinary Knowledge: Demonstrate comprehensive knowledge and a strong theoretical grounding in their area of work.

PO5 Personal and professional competence:

Perform independently and also collaboratively as a part of a team to meet defined objectives and carry out work across interdisciplinary fields. Execute interpersonal relationships, self-motivation and adaptability skills and commit to professional ethics.

PO6 Self-directed and Life-long learning:

Demonstrate attitudes of being a life-long learner who passionately pursues self determined goals in the broadest context of socio-technological changes. Acquire the ability to engage in independent and life-long learning in the broadest context of socio technological changes.

PO7 Environment and Sustainability:

Understand the impact of the scientific solutions in societal and environmental contexts and demonstrate the knowledge of and need for sustainable development.

PO8 Critical Thinking and Problem solving:

Identify problems by closely examining the situations around them and think holistically about the phenomena and generate viable solutions to these problems. Exhibit the skill of critical thinking and understand scientific texts and place scientific statements and themes in contexts and also evaluate them in terms of generic conventions. Identify the problem by observing the situation closely, take actions and apply lateral thinking and analytical skills to design the solutions.

Board of Studies in Library and Information Science

(From 2022-2023 to 2024-2025)

Sr. No.	Name of Member	Designation
1.	Mr. D.V. Munguskar	Chairman
2.	Mrs. K.H.Kolekar	Internal Member
3.	Dr. Sadanand Bansode	External Member Voice - Chancellor Nominee.
4.	Mr. Narendra Patil	External Member Other University
5.	Dr. K.P. Kumbhar	External Member Other University
6.	Mr. Anant Wagh	Industrial Member
7.	Mrs. Vidhya Jagtap-Pingale	Meritorious Alumni
8.	Mr. Sabale Jayvant	Students Representative

Credit Distribution Structure for Master of Library and Information Science   M.Lib.I.Sc. 2024-2025
(1 Year PG Degree)

Year (1Year PG)	Level	Sem.	Major		Research Mandatory (RM)	OJT/FP	RP	Cum. Cr.	Degree
			Mandatory	**Electives**					
I	6.5	Sem-I	LIS -501-MJM: Information Communication (Credit 04) Society LIS -502-MJM: Management of Libraries & (Credit 04) Information Centers LIS -503- MJM :Information Technology :Theory (Credit 04) LIS -504- MJM :Information Retrieval (Credit 02)	LIS -511- MJE: (A) Academic Library System (Credit 04) **OR** LIS -511- MJE: (B) Information Literacy (Credit 04)	---		LIS-521-RP: Research Project Part-I (Credit 04)	22	**Master of Library and Information Science**
		Sem-II	LIS -551- MJM : Bibliographic Control & Information Systems (Credit 04) LIS -552- MJM : Statistical Techniques of Research Bibliometrics (Credit 04) LIS -553- MJM : Information Technology Application : Practical (Credit 04)	LIS -561- MJE (A) Digital Information Management (Credit 04) **OR** LIS -561- MJE (B) E-Publishing (Credit 04)	--	--	LIS -581- RP :Research Project Part-II (Credit 06)	22	
Cum. Cr. For PG Diploma			**26**	**08**	**--**	**--**	**10**	**44**	

Anekant Education Society's
Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati
(Autonomous)
Course Structure for M.Lib.I.Sc. (2024 Pattern)

Sem	Course Type	Course Code	Course Title	Theory / Practical's	No. of Credits
I	Major (Mandatory)	LIS-501-MJM	Information Communication Society	Theory	4
	Major (Mandatory)	LIS-502-MJM	Management of Libraries & Information Centers	Theory	4
	Major (Mandatory)	LIS-503-MJM	Information Technology : Theory	Theory	4
	Major (Mandatory)	LIS-504-MJM	Information Retrieval	Theory	2
	Major (Elective)	LIS-511-MJE (A)	Academic Library System	Theory	4
		LIS-511-MJE (B)	Information Literacy	Theory	
	Major (Mandatory)	LIS-521-RP	Research Project Part-I	Project	4
			Total Credits Semester I		**22**
II	Major (Mandatory)	LIS-551-MJM	Bibliographic Control & Information Systems	Theory	4
	Major (Mandatory)	LIS-552-MJM	Statistical Techniques of Research Bibliometrics	Theory	4
	Minor (Mandatory)	LIS-553-MJM	Information Technology Application : Practical	Practical	4
	Major (Elective)	LIS-561-MJE (A)	Digital Information Management	Theory	4
		LIS-561-MJE (B)	E-Publishing	Theory	
	RP	LIS-581-RP	Research Project Part-II	Project	6
			Total Credits Semester II		**22**
			Cumulative **Credits Semester I and II**		**44**

Name of the Programme : M.Lib.I.Sc. Library and Information Science

Programme Code : PALIS

Class : M.Lib.I.Sc.

Semester : II

Course Type : Major Mandatory (Theory)

Course Code : LIS-551-MJM

Course Title : Bibliographic Control & Information System

No. of Credits : 04

No. of Lectures : 60

Course Objectives (COs):

1. To familiarize students with the meaning and tools for Bibliographical Control of Information.
2. To provide knowledge about the information systems and understand the Rationale

    behind   Internationalization in information systems**.**
3. To introduce the students UBC & its historical background .
4. To introduce the concept of Bibliographic control.
5. To familiarize the Bibliographic services in India..
6. To give exposure to Library Networks and Consortia
7. To introduce the students Information and Documentation Centre in India

Course Outcomes (COs):

By the end of the course, students will be able to:
   CO1: The students will be able to identify the concept of Bibliographic Control and Information
          Systems
   CO2: To know about scope of Information Systems.
   CO3: To develop new skills for design of Information Systems.
   CO4: To explore why Bibliographic services in India is needed.
   CO5: To know the need of Information policy
   CO6:   To make them understand the concept, Need, Objectives, use, Activities, services of Library
            Networks and Consortia
   CO7: To have overall knowledge about usefulness of Bibliographic

Topics :

	Total No Of Credits = 04
UNIT 1	**Bibliographic control**. (15L) 1.1 Concept, definition, aim, need 1.2 UBC : Concept and Definition, Needs and prerequisite to UBC at National and International level. 1.3 UAP : Historical background and IFLA's Role, Objectives and scope , Inter Library Loan, International Agreement on Book exchange.
UNIT 2	**Bibliographic organization in India** (15L) 2.1 Government initiative: Delivery of book act, National Library- INB, RRRLF (ISBN). 2.2 Bibliographic services in India 2.3 Library Networks and Consortia : Definition, Need, Objectives, use, Activities services & examples (national & international) 2.4 Information and Documentation Centre in India: Role, Objective, scope, services & products : NISCAIR, NASSDOC, DESIDOC, SENDOC, DSIR,NCSI , IASLIC.
UNIT 3	**Information policy** (15L) 3.1 Information policy : Meaning, Need ,importance, process of formulation, guidelines 3.2 International Policy Issues : UNESCO,IFLA, FID, ICSU/AB 3.3 Indian Initiatives: National Information Policy 1986, Right to Information Act, National Knowledge Commission 2008. 3.4 Intellectual Property Rights, Copyright Act, Information Technology act Plagiarism
UNIT 4	**Information Systems** (15L) 4.1 Definition, Objectives, Need, importance and types 4.2 UNISIST (Global Information system) : rationale, objectives, impact of UNISIST 4.3 NISSAT : History, Structure, Objectives, Activities, of NISSAT, Sect oral Centers: their field, scope and contribution. 4.4 International Information Systems :Subject scope, input-output processing, services & Products e.g. INIS, AGRIS, IFIS, ASFIS, TITUS, DEVSIS, ASTINFO, BIOSIS, INSPEC,VINITI, INFOTERA, POPIN International etc. Commercial / Private Information systems : CAS, MEDLARS

Class : M.Lib.I.Sc.   Subject : Library and Information Science
Course : Bibliographic Control & Information Systems Course Code : LIS-551-MJM

Weight age: 1= weak or relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)								
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1				2				
CO 2								
CO 3			3					
CO 4								
CO 5								
CO 6								
CO 7								

Justification for the Mapping

PO3 Social competence and communication skills:

CO3 also contributes to Social competence and communication skills For example CO3students to develop new skills for design of Information Systems.

PO4 Disciplinary Knowledge:

All of the course outcomes (COs) contribute to the disciplinary Knowledge For example, CO4 require The students will be able to identify the concept of Bibliographic Control and Information Systems to acquire disciplinary knowledge.

References

1. Atchison J. Gilechrist A: Thesaurus Construction: a practical manual, 1972.
2. Berson Alex, Smith Stephen & Kurt Thearling: Building Data Mining Applications for CRM New Delhi: TMH, 2000
3. Burke. Mary A: Organization of Multi Media Resources: principles and practices of information retrieval .Alder Shot : Gower ,1999.
4. Chernyi A. I. Introduction to Information Retrieval theory, 1973.
5. Choudhary G G: Infor Burke.Mary A: Organization of Multi Media Resources: principles and practices of information retrieval .Alder Shot: Gower 1999.
6. Chowdhury G. G. Introduction to Modern Information Retrieval 2nd edn. London :Facet Publishing 2003.
7. Foskett A.C. The Subject Approach to Information 4th ed. London Bingley, 1982

8. Gorman. G. E. , (Ed.) Metadata Applications for Management London : Facet Publishing 2003.

9. Lancaster.F. Wiltrid: Information Retrieval Systems: *Characteristics testing and evaluation* 2nd Ed. New York: Wiley, 1970.

10. Lancaster F. W.: Information Retrieval Systems: characteristics, testing and evaluation 1968.

11. Lancaster F. W. Indexing and Abstracting in Theory and Practice London: Facet Publishing,2003.

12. Jean Atchison Et. al. & Alan Gilchrist. Thesaurus Construction *:* a practical Manual London : Aslib 2000

13. Precis Austin D.: A Manual of Concept Analysis and Subject Indexing 2nd ed. 1984.

14. Rowley Jennifer E.: Organising Knowledge: an introduction to information retrieval Aldorshot Gower 1987.

15. Shera JH and Egan, Me Bibliographic Organization, Chicago Unesco CCF, Paris : Unesco1988.

16. Simmons P. & A. Hopkins: CCF : the common communication format parts : Unesco ,1984.

17. Van Rijsbergen C. J.:Information Retrieval 2nd ed.London : Butterworths 1970.

18. Vickery B.C. Techniques of Information Retrieval .London : Butterworths ,1970.

Name of the Programme : M.Lib.I.Sc. Library and Information Science

Programme Code   : PALIS

Class   : M.Lib.I.Sc.

Semester   : II

Course Type   : Major Mandatory (Theory)

Course Code   : LIS-552-MJM

Course Title   : Statistical Techniques of Research Bibliometrics

No. of Credits   : 04

No. of Lectures   : 60

Course Objectives (COs):

1. To understand the use of various data collection tools & statistical techniques for research.
2. To introduce the concept of Bibliometrics.
3. To familiarize the art and style of writing a research report.
4. To study the functions of management & their application to librarianship.
5. To give exposure to current trends of Research in LIS.
6. To introduce the students Research & its Tools.
7. To know about Laws of Bibliometrics .

Course Outcomes (COs):

By the end of the course, students will be able to:

CO1: Can perform and access research based practices through the application of Information literacy, inquiry, and research methods including data discovery analytics and Qualitative measures.

CO2: To Students learning to data analysis process.

CO3: How to used style manual in Research project.

CO4: The different methods and techniques of research.

CO5: The use of data collection tools, organization and representation of data.

CO6: Different data analysis techniques;

CO7: About how to prepare research report.

Topics :

	Total No Of Credits = 04
UNIT 1	**Research Tools and Techniques.** (15L) 1.1 Questionnaire, Interview, Observation, Scales and Check lists, 1.2 Sampling Techniques: Meaning, Definition, Types (Probability & Non- probability)
UNIT 2	**Data Analysis and Interpretation** (15L) 2.1 Preliminary Analysis : Data editing, Classification, Tabulation, Graphical Presentation 2.2 Statistical Analysis : Descriptive Statistics : Measures of Central Tendency, Dispersion-Range, Variance, Standard Deviation, Correlation 2.3 Inferential Statistics : Regression- Linear & Non-Linear, Z-T Test, Chi-Square Test Statistical Packages- SPSS
UNIT 3	**Laws of Bibliometrics** (15L) 3.1 Bradford's Law: Concept ,formula& Application 3.2 Lotkas Law : Concept , formula & Application 3.3 Ziff Law : Concept ,formula & Application
UNIT 4	**Style Manual** (15L) 4.1 Style Manual : Chicago, MLA, APA 4.2 Current Trends In LIS Research.

Class : M.Lib.I.Sc.   **Subject** : Library and Information Science
Course : Statistical Techniques of Research Bibliometrics **Course Code** : LIS-552-MJM

Weight age : 1= weak or relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)								
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3			3				3
CO 2	3	3		3				
CO 3	3	3						3
CO 4	3							
CO 5	3			2				
CO 6	3	2					2	
CO 7	3		2				2	

Justification for the Mapping

PO1 Research-Related Skills and Scientific temper:

All of the course outcomes (COs) contribute to the development of students' Research-Related Skills and Scientific temper. For example, CO1, CO2, and CO3 require students to access research based practices through the application of Information literacy, inquiry, and research methods including data discovery analytics and Qualitative measures.CO4 and CO5 require students to different methods and techniques of research and use of data collection tools, organization and representation of data. CO6 and CO7 require students to data analysis techniques and prepare research report.

PO2 Effective Citizenship and Ethics:

The entire COs also contributes to Effective Citizenship and Ethics. For example CO2 and CO3 students will be understand ethical aspect of research.CO6 students to use their Research awareness in data analysis.

PO3 Social competence and communication skills:

CO7 also contributes to Social competence and communication skills For example CO7 students will be social competence about research report.

PO7 Environment and Sustainability:

CO6 and CO7 contribute to Environment and Sustainability. For example CO6 and CO7 students to develop their data analysis technique to use prepare project work.

PO8 Critical Thinking and Problem solving:

The entire COs also contributes to the development of students' critical thinking and problem-solving skills. For example, CO1 and CO3 require students to think critically about how to used style manual in Research project.

References

1. Charles H. Busha & Stephen P. Harter, Research Methods in Librarianship Techniques and Interpretation New York : Academic Press 1980.
2. Gopal (M.H.) An Introduction to Research Procedure in Social Science New Delhi,Vikas Pub. House 1992.
3. Goode (William J) and Hatt Paul K: Methods in Social Research New York : McGraw-Hill Book Co.,1952
4. Krishnaswami O.R.: Methodology of Research in Social Sciences. Bombay: Himalaya,1993
5. Line Maurice B: Library Surveys: an introduction to the use, planning procedure and presentation of surveys 2nd Ed London Bingley, 1982.
6. Powell, Ronand R Basic Research Methods for Librarians Norwood : Ablex, 1985
7. Rao, Ravichander I. K. Quantitative Methods for Library and Information Science. New Delhi : Wiley Eastern, 1983.
8. Simpson J. L. Basic Research methods in Social Sciences: *The* art of empirical investigation ,1969
9. Stevens Rolland E. Research Methods in Librarianship London, Bingley , 1971.

Name of the Programme : M.Lib.I.Sc. Library and Information Science

Programme Code   : PALIS

Class   : M.Lib.I.Sc.

Semester   : II

Course Type   : Major Mandatory (Theory)

Course Code   : LIS- 553-MJM

Course Title   : Information Technology Application: Practical

No. of Credits   : 04

No. of Lectures   : 60

Course Objectives (COs):

1. To provide students with hands-on-experience in the use of Library Software, CD and Internet Search.
2. To develop skills in web page designing. Providing hands on experience in use of application software, Integrated Library Software
3. To provide basics of information communication technologies and their application in libraries and information centers and their use in everyday operations of libraries.
4. To introduce the concept & use of ICT and its application in Libraries and Information Centers.
5. Development of skills in planning and implementation of library automation
6. Study of digital library, use of e-documents & current trends in the use of ICT
7. To prepare the students to streamline the library processes using computer technology, and meet the information needs of the users by providing efficient services.

Course Outcomes (POs):

By the end of the course, students will be able to:

CO1: Will be trained in Information Communication Technologies knowledge and Library automation Skills.

CO2: Students will be able to choose appropriate database in order to search for scholarly articles On Their topics

CO3: The use of communication and networking technologies.

CO4: The understanding about implementation of library automation software and in achieving library security with the use of latest ICTs technique;

CO5: The use of communication and networking technologies;

CO6: The knowledge about database management, data ware housing, data mining and other artificial intelligence technologies.

CO7: Have an understanding of the concept of data structure, algorithm and database

Topics :

	Total No Of Credits = 04
UNIT 1	Using Library Software E - Granthalaya / KOHA or any locally available library software. Creation & maintenance of bibliographic database of minimum 50 documents using E-granthalaya or any locally available library software
UNIT 2	CD search :Study of minimum 5 CDs (text, graphic) Digitization of documents (scanning, OCR etc.)
UNIT 3	Web Search : Searching information on two subjects using various search Strategies-Basic, Advanced, truncation, Google Scholar, N-list etc. Content management software.
UNIT 4	Web Page Designing Open a Page, Create a New Page, and Give Pages a Consistent Look (eg.-themes), Add Page Elements (eg. Page Banner), Create Hyperlinks

Class : M.Lib.I.Sc. **Subject:** Library and Information Science
Course : Information Technology Application: Practical **Course Code** : LIS-553-MJM

Weight age : 1= weak or relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)							
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3	3						
CO 2	3	3		2				
CO 3	3			3				
CO 4	3	3						
CO 5	2		3					
CO 6	3	2						
CO 7	2			2				

Justification for the Mapping

PO1 Research-Related Skills and Scientific temper:

All of the course outcomes (COs) contribute to the development of students' Research-Related Skills and Scientific temper. For example, CO1, CO2, and CO3 require students to standard developing digital library system and content management system, web 2.0 and semantic web technologies CO4 and CO5 students understanding the institutional repositories and their usages. CO6 and CO7 use of communication and networking technologies.

PO2 Effective Citizenship and Ethics:

  The entire COs also contributes to Effective Citizenship and Ethics. For example CO1 and CO2 to explore the applications of software. CO6 students to use their knowledge about the database management.

PO3 Social competence and communication skills:

  CO5 also contributes to Social competence and communication skills For example CO5 students will trained in ICT and automation skills.

PO4 Disciplinary Knowledge:

  All of the course outcomes (COs) contribute to the development of students' disciplinary Knowledge. For example CO2 and CO3 require students understand the web 2.0 and semantic web technologies in digital library systems.CO7 students gain knowledge to current trends in library networks in india .

References

1. Bandhyopadhyay, S Information Technology for Growth and Prosperity. New Delhi :1994.
2. Barbara Allan E-Learning and Teaching in Library and Information Services. London : Facet Publishing,
   2002.
3. Black U. Emerging Communication Technologies. New Delhi : PHI.1994
4. Briank Williams, : Sawyer Stacet and Lutchinson, Sarah E. Using Information Technology: A
   practical introduction to computers and Communication New Delhi : TMH. (latest edition)
5. Brophy Peter The Library in the 21st Century : New Services for Information Age.London :LA, 2001.
6. Chadha R. K. and Gupta S. R. Eds. Information Technology. New Delhi : Sarita, 1995.
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   Sources London : Facet Pub Curtin. lishing, 2001.
8. Cooke Alison, A Guide to finding Ouality Information on the Internet 2nd Ed. London : Facet 2001.
9. Dennis P. & others. Information Technology : The Breaking Wave. New Delhi :TMH. Latest Edition
10. Dearnley James and Feather John: The Wired World: An introduction to the theory and
    practice of the information Society. London : Facet Publishing 2001.
11. Digital Library Technology Trends. Santa Clara : Sun Micro Systems, 2002.
12. Kaul, H. K. Information Networks : An Indian experience. New Delhi : Virgo 1992.
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    New Delhi New Age, 1996.
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    Tech World, Latest Edition.
15. Leona Carpenter, Simon Shaw & Andrew Prescott:Towards the Digital Library London : LA,1998.
16. Marlyn Deegan & Simon Tanner. Digital Futures Strategies for the Information Age.London
    Facet,2001.

Name of the Programme : M.Lib.I.Sc. Library and Information Science

Programme Code   : PALIS

Class   : M.Lib.I.Sc.

Semester   : II

Course Type   : Major Electives (Theory)

Course Code   : LIS-561-MJE (A)

Course Title   : Electronic Information Sources and Services

No. of Credits   : 04

No. of Lectures   : 60

Course Objectives (COs):

1: The students will be able to identify the concept of Bibliographic Control and
     Information Systems
2: To know about scope of Information Systems.
3: To develop new skills for design of Information Systems.
4: To explore why Bibliographic services in India is needed.
5: To know the need of Information policy
6: To make them understand the concept, Need, Objectives, use, Activities, services of Library
     Networks and Consortia
7: To have overall knowledge about usefulness of Bibliographic

Course Outcomes (COs):

By the end of the course, students will be able to:

CO1: The students will be able to identify the concept of Bibliographic Control and
       Information Systems

CO2: To know about scope of Information Systems.

CO3: To develop new skills for design of Information Systems.

CO4: To explore why Bibliographic services in India is needed.

CO5: To know the need of Information policy

CO6: To make them understand the concept, Need, Objectives, use, Activities, services of Library
       Networks and Consortia

CO7: To have overall knowledge about usefulness of Bibliographic

Topics :

	Total No Of Credits = 04
UNIT 1	**(15L)** 1.1 Information Sources : Concept Types Characteristic and use 1.2 Evaluation of Information Sources.
UNIT 2	**(15L)** 2.1 Electronic information sources : meaning and definition growth and development 2.2 E-Journals, e-books, e-Theses, e-Newspaper, Blogs Wikis. 2.3 Free online Dictionaries, Non free Online dictionaries 2.4 Encyclopedia ,Virtual libraries
UNIT 3	**(15L)** 3.1 Free databases and fee based bibliographical and full text databases 3.2 Digital Library Consortia – OCLC,RLIN, FERA ,UGC-INFONET
UNIT 4	**(15L)** 4.1 Components of Information system : Documentations Centers, Information centers Data bank, Data centers publishing houses. 4.2 Virtual reference Desk

Class   : M.Lib.I.Sc.   **Subject   :** Library and Information Science
Course : Electronic Information Sources and Services **Course Code :** LIS-561-MJE (A)

Weight age: 1= weak or relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)							
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1				2				
CO 2								
CO 3			3					
CO 4								
CO 5								
CO 6								
CO 7								

PO3 Social competence and communication skills:

CO3 also contributes to Social competence and communication skills For example CO3students to develop new skills for design of Information Systems.

PO4 Disciplinary Knowledge:

All of the course outcomes (COs) contribute to the disciplinary Knowledge For example, CO4 require The students will be able to identify the concept of Bibliographic Control and Information Systems to acquire disciplinary knowledge.

References

1. Atchison J. Gilechrist A: Thesaurus Construction: a practical manual, 1972.

2. Berson Alex, Smith Stephen & Kurt Thearling: Building Data Mining Applications for CRM New Delhi: TMH, 2000

3. Burke. Mary A: Organization of Multi Media Resources: principles and practices of information retrieval .Alder Shot : Gower ,1999.

4. Chernyi A. I. Introduction to Information Retrieval theory, 1973.

5. Choudhary G G: Infor Burke.Mary A: Organization of Multi Media Resources: principles and practices of information retrieval .Alder Shot: Gower 1999.

6. Chowdhury G. G. Introduction to Modern Information Retrieval 2nd edn. London :Facet Publishing 2003.

7. Foskett A.C. The Subject Approach to Information 4th ed. London Bingley, 1982

8. Gorman. G. E. , (Ed.) Metadata Applications for Management London : Facet Publishing 2003.

9. Lancaster.F. Wiltrid: Information Retrieval Systems*: Characteristics testing and evaluation* 2nd Ed. New York: Wiley, 1970.

10. Lancaster F. W.: Information Retrieval Systems: characteristics, testing and evaluation 1968.
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12. Jean Atchison Et. al. & Alan Gilchrist. Thesaurus Construction *:* a practical Manual London : Aslib 2000
13. Precis Austin D.: A Manual of Concept Analysis and Subject Indexing 2nd ed. 1984.
14. Rowley Jennifer E.: Organising Knowledge: an introduction to information retrieval Aldorshot Gower 1987.
15. Shera JH and Egan, Me Bibliographic Organization*,* Chicago Unesco CCF, Paris : Unesco1988.
16. Simmons P. & A. Hopkins: CCF : the common communication format parts : Unesco ,1984.
17. Van Rijsbergen C. J.:Information Retrieval 2nd ed.London : Butterworths 1970.
18. Vickery B.C. Techniques of Information Retrieval .London : Butterworths ,1970.

Name of the Programme : M.Lib.I.Sc. Library and Information Science

Programme Code	: PALIS
Class	: M.Lib.I.Sc.
Semester	: II
Course Type	: Major Electives (Theory)
Course Code	: LIS-561-MJE (B)
Course Title	: E-Publishing
No. of Credits	: 04
No. of Lectures	: 60

Course Objectives (COs):

1: The students will be able to identify the concept of Bibliographic Control and Information Systems

2: To know about scope of Information Systems.

3: To develop new skills for design of Information Systems.

4: To explore why Bibliographic services in India is needed.

5: To know the need of Information policy

6: To make them understand the concept, Need, Objectives, use, Activities, services of Library Networks and Consortia

7: To have overall knowledge about usefulness of Bibliographic

Course Outcomes (COs):

By the end of the course, students will be able to:

CO1: The students will be able to identify the concept of Bibliographic Control and Information Systems

CO2: To know about scope of Information Systems.

CO3: To develop new skills for design of Information Systems.

CO4: To explore why Bibliographic services in India is needed.

CO5: To know the need of Information policy

CO6: To make them understand the concept, Need, Objectives, use, Activities, services of Library Networks and Consortia

CO7: To have overall knowledge about usefulness of Bibliographic

	Total No Of Credits = 04
UNIT 1	Content: types of content Digital content types. file formats, Encoding system ASCII,UNICODE and ISCII
UNIT 2	**(15L)** 2.1 Markup languages, SGML, 2.2 HTML and XML.
UNIT 3	**(15L)** 3.1 Page Description Language 3.2 Adobe PDF and Photoshop 3.3 Legacy Documents- conversion from analog to digital OCR Software AND Adobe Capture
UNIT 4	**(15L)** 4.1 Electronic Publishing and Scholarly communication-Journals and e-Books Platform 4.2 use and Usability 4.3 Standards and format, DTP Software Delivery devices Social economics and legal issue in electronic publishing

Class   : M.Lib.I.Sc.   **Subject**   : Library and Information Science
Course : E-Publishing   **Course Code**   : LIS-561-MJE (B)

Weight age: 1= weak or relation, 2= moderate or partial relation, 3= strong or direct relation

Programme Outcomes (POs)							
Course Outcomes	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1				2				
CO 2								
CO 3			3					
CO 4								
CO 5								
CO 6								
CO 7								

Justification for the Mapping

PO3 Social competence and communication skills:

CO3 also contributes to Social competence and communication skills For example CO3students to develop new skills for design of Information Systems.

PO4 Disciplinary Knowledge:

All of the course outcomes (COs) contribute to the disciplinary Knowledge For example, CO4 require The students will be able to identify the concept of Bibliographic Control and Information Systems to acquire disciplinary knowledge.

References

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Name of the Programme : M.Lib.I.Sc. Library and Information Science

Programme Code   : PALIS

Class   : M.Lib.I.Sc.

Semester   : II

Course Type   : Research Project (RP)

Course Code   : LIS -581- RP

Course Title   : Research Project Part-II

No. of Credits   : 06

No. of Lectures   : 90

Course Objectives (COs):

1. To develop skills using research methods, techniques and tools
2. To develop skills data analysis and interpretation process.
3. To introduce the students with various research methods.
4. Perform a research project according to an individual study plan
5. Show independence, critical and creative thinking.
6. Document results by writing a research report,
7. Present and discuss the research results with colleagues and senior resear

Course Outcomes (COs):

By the end of the course, students will be able to:

CO1.To make students acquainted with research process.
CO2.The students understanding the research databases.
CO3. How to writing research proposal.
CO4. Perform a research project according to an individual study plan
 CO5. show independence, critical and creative thinking.
CO6. document results by writing a research report,
CO7. present and discuss the research results with colleagues and senior researchers

Topics

Total No Of Credits = 04

The Project report shall be on an approved topic pertaining to Library and Information Science. Each student shall work under the supervision and guidance of a teacher for his / her Project report.

Class : M.Lib.I.Sc.   **Subject** : Library and Information Science
Course : Project   **Course Code** : LIS- 681 – RP

Weight age : 1= weak or relation, 2= moderate or partial relation, 3= strong or direct relation

Course Outcomes	Programme Outcomes (POs)							
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8
CO 1	3			2				
CO 2								
CO 3	3		2			3		
CO 4	3		2		3			
CO 5								3
CO 6				2				
CO 7	3			2				

Justification for the Mapping

PO1 Research-Related Skills and Scientific temper:

All of the course outcomes (COs) contribute to the development of students' Research-Related Skills and Scientific temper. For example, CO1, CO3, and CO4 require students to students acquainted with research process. and understanding the research databases. CO7 present and discuss the research results with colleagues with scientific temper.

PO3 Social competence and communication skills:

CO3 also contributes to Social competence and communication skills For example CO3 students acquire research skills.

PO4 Disciplinary Knowledge:

   All of the course outcomes (COs) contribute to the development of students' disciplinary Knowledge. For example CO1 make students acquainted with research process.CO6 and CO7 students gain knowledge to present and discuss the research results with colleagues and senior researchers.

PO5 Personal and professional competence:

CO4 also contributes to Personal and professional competence for example CO4 students Perform a research project according to an individual study plan for professional competence.

PO6 Self-directed and Life-long learning:

The entire COs also contributes to Self-directed and Life-long learning. For example CO3student directed learning to writing research proposal.

PO8 Critical Thinking and Problem solving:

   CO also contributes to Critical thinking and problem solving for example CO5 show independence, critical and creative thinking for the students.