POST GRADUATE PROGRAMME: LIBRARY AND INFORMATION SCIENCE

Choice Based Credit System (CBCS)

(For the candidates admitted from 2023-2024 onwards)

SEM	COURSE CODE	TITLE OF THE COURSE	NATURE OF THE COURSE	IH	CP	EXAM HOURS	MARKS		TOTAL
							CIA	ESE	
I	23PLS1C01	Core: Foundations of Library and Information Science	CC	6	4	3	25	75	100
	23PLS1C02	Core: Principles and Techniques of Library Management	CC	6	4	3	25	75	100
	23PLS1C03	Core: Information Sources (*Skill Development*)	CC	6	4	3	25	75	100
	23PLS1C04	Core: Knowledge Organisation-I Theory (CC & DDC)	CC	6	5	3	25	75	100
	23PLS1E01/ 23PLS1E02	Elective: Public Libraries (*Employability*)/ Elective: Library Automation Theory	DSE	6	4	3	25	75	100
	23PLS2C05	Core: Information Systems and Services (*Skill Development*)	CC	5	4	3	25	75	100

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Sem	Course Code	Title		Hours	Credits		CIA	ESE	Total
II	23PLS2C06	Core: Information and Communication Technology (ICT) *(Skill Development and Employability)*	CC	5	4	3	25	75	100
	23PLS2C07	Core: Academic Libraries	CC	5	4	3	25	75	100
	23PLS2C08	Core: Knowledge Organisation-II Practice (CC&DDC) *(Skill Development and Employability)*	CC	5	5	3	25	75	100
	23PLS2C09	Core: Information Processing and Retrieval- I Cataloguing Theory (CCC & AACR-2)	CC	5	4	3	25	75	100
	23PLS2E01/ 23PLS2E02	Elective: Preservation and Conservation *(Employability and Entrepreneurship)* / Elective: Database Management System for Libraries	DSE	5	4	3	25	75	100
III	23PLS3C10	Core: Digital Libraries and Open Source Software *(Employability)*	CC	6	4	3	25	75	100
	23PLS3C11	Core: Research Methods and Techniques	CC	6	4	3	25	75	100
	23PLS3C12	Core: Knowledge Management	CC	6	4	3	25	75	100
	23PLS3C13	Core: Information Processing and Retrieval – II Cataloguing	CC	6	4	3	25	75	100

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Sem	Course Code	Course Title	Category						
		Practice (CCC & AACR-2) (*Skill Development*)							
	23PLS3E01/ 23PLS3E02	Elective: Informetrics / Elective: Information Marketing	DSE	6	4	3	25	75	100
IV	23PLS4C14	Core: Library Automation Practice (*Employability and Entrepreneurship*)	CC	5	4	3	25	75	100
	23PLS4C15	Core: Information Storage & Retrieval (*Skill Development*)	CC	5	4	3	25	75	100
	23PLS4C16	Core: Library Use & Users studies	CC	5	4	3	25	75	100
	23PLS4C17	Core: Content Management (*Skill Development*)	CC	5	4	3	25	75	100
	23PLS4E01/ 23PLS4E02	Elective: Electronic Publishing (*Entrepreneurship*) / Elective: Web Technology	DSE	5	4	3	25	75	100
	23PLS4PVV	Project and Viva-Voce	CC	5	4		25	75	100
		TOTAL			**90**				**2200**
	20PDIS404	Digital Security	AEC	2	2	2			50
		MOOC/SWAYAM			2				
		Internship			2				
		TOTAL		**120+2**	**90+2+2+2**				**2200+50**

IH– Instructional Hours, CP – Credit Points, CIA – Continuous Internal Assessment
ESE – End Semester Examination

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NAME OF THE COURSE	ABBREVIATION
CC	Core Course
DSE	Discipline Specific Elective
AEC	Ability Enhancement Course

PART WISE TOTAL MARKS

COURSE	MARKS	CREDIT POINTS
CC	1700	70
DSE	400	16
Project	100	4
Total	2200	90
Digital Security	50	2
MOOC/SWAYAM		2
Internship		2
Grand Total	**2200+50**	**90+2+2+2**

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SEMESTER: I

COURSE CODE: 23PLS1C01

TITLE OF THE COURSE: CORE - FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE

OBJECTIVES

- To enable the students to understand the concept of information science as a discipline.

- To enable the students to understand the importance of information in the context of social, political, cultural, economic and industrial environments.

- To evaluate the structure and functions of selected National and International library associations

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Distinguish the general concept of Library and Information Science	K2
CO2	Understand the general concept of communication	K2
CO3	Identify the library movement and information policies	K3
CO4	Assess the role of national and international library associations and organizations	K4
CO5	Highlight role of various library promoters at the national and international level	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: LIBRARY AND INFORMATION SCIENCE (K2)   (18 Hours)

Data, Information and Knowledge - Types of Libraries: Public Libraries, Academic Libraries, Special Libraries, Digital/Electronic & Virtual Libraries and their functions-Role of libraries in the development of a society.

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(Beyond the Curriculum: Library Guide-Pathfinder consulting activities, Library Mashup)

UNIT II: CHANNELS OF COMMUNICATION (K2)   (18 Hours)

Communication-Concept, Definition, Types Theories, Models, Channels of Communication, Barriers to Communication-Digital Information & social media.

UNIT III: PROFESSIONAL ASSOCIATIONS (K3)   (18 Hours)

Library: Concepts, Types, Five Laws of Library Science; Professional Ethics of Librarian; Role of Professional Associations: National and International – CILIP, ILA, IASLIC, IATLIS, IFLA, and ALA.

UNIT IV: LIBRARY MOVEMENT (K4)   (18 Hours)

Library movement in India, Principles, Statutory Provisions for various types of libraries - Information Policy - Copyright Act 1957 - Delivery of Books and Newspapers Act 1956 - Press and Registration Act - Intellectual Property Rights - Right to Information Act 2005, Plagiarism

UNIT V: FIVE LAWS OF LIBRARY SCIENCE (K5)   (18 Hours)

Five Laws of Library Science - Information Science as Discipline – Evolution, Growth and Development.

(Self–Study: Five Laws of Library Science)

TEXT BOOKS
1. Srivastava, H. K (2011) *Foundation of Library and Information Science*, Mohit Publication, New Delhi.
2. Dilli, K.T (2009) *Library and information science in a digital era*, Atlantic Publication & Distributors, New Delhi.

REFERENCE BOOKS
1. Thakur, S (2020) *Library and Information Science NTA/ UGC/ NET*, Danika Publishing Company, New Delhi.
2. Lakshmi, S (2010) *Recent trends in library science*, Sarup Book Publishers Pvt. Ltd, New Delhi.
3. Dilli, K.T (1997) *Basics of Library and Information Science*, Vikas Pub, New Delhi.
4. Ranganathan, S.R (1988) *Five Laws of Library Science*, Saradha Ranganathan Endowment, Bangalore.

Blended Learning

UNIT	TOPIC	LINKS

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

UNIT II	Concept, Definition, Types Theories, Models, Channels of Communication	http://egyankosh.ac.in//handle/123456789/10939	
UNIT II	Barriers to Communication Digital Information & social media	https://shiftworkplace.com/7-barriers-communication-lesson-youtube/	

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2	3	3	3	3	3	3	3	2	2	3	3
CO 2	2	3	2	3		3	2		2	3	1	3	3	3
CO 3	3	2	2	3	2	3	2	3	2	3	2		2	2
CO 4	2		3	2	3	3	3	3	3	3	3	3	3	3
CO 5	3	3		1	2			1		2		1	3	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: **Principal**

SEMESTER: I

COURSE CODE: 23PLS1C02

TITLE OF THE COURSE: CORE - PRINCIPLES AND TECHNIQUES OF

LIBRARY MANAGEMENT

OBJECTIVES

- To know the concept and importance of Library Management

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- To understand different routines of Library and Information Centers.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understand the general concept scope and principles of management	K2
CO2	Identify the system analysis and design	K3
CO3	Apply the organisation models	K3
CO4	Interpret the financial management and planning	K4
CO5	Evaluation of policies and collection development	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: LIBRARY MANAGEMENT (K2)   **(18 Hours)**

Concept, Definition and Scope - Management Styles and Approaches - Principles and Functions of Management – Planning and Decision making

(Beyond the curriculum: Library committee and Library statistics)

UNIT II: SYSTEM ANALYSIS (K3)   **(18 Hours)**

Principles of Scientific Management - System Analysis and Design - Library as a System. Performance Measurement - Performance Evaluation standards - CPM / PERT

UNIT III: HUMAN RESOURCE MANAGEMENT (K3)   **(18 Hours)**

Human Resource Management: Organization Models - Job Description and Job Analysis - Selection, Recruitment, Training and Development - Leadership - Team Building- Motivation - Time and Change Management - Communication Skills

UNIT IV: FINANCIAL MANAGEMENT (K4)   **(18 Hours)**

Financial Management: Planning and Control - Resource Generation, Budget, Budgeting - Budgetary Control Techniques - PPBS, ZBBS - Cost Benefit, Cost Effective Analysis and Accounting - Taxation related to Library.

UNIT V: COLLECTION DEVELOPMENT AND EVALUATION(K5)(18 Hours)

Material Management: Collection Development and Evaluation - Policy and issues related to Selection, Acquisition, Maintenance and Preservation of Print - Non-Print Materials - Planning of Library Building, Furniture, Equipment's - Standards.

(Self-Study: Maintenance and Preservation)

TEXT BOOKS:

1. Reshmi Upadhyay (2011) *Library Administration and Resources*, Alfa Publications, New Delhi

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2. Dilli, K.T (2009) *Library and information science in a digital era*, Atlantic Publication & Distributors, New Delhi

REFERENCE BOOKS:
1. Thakur,S (2020) *Library and Information Science NTA/ UGC/ NET*, Danika Publishing Company, New Delhi.
2. Kumar,P.S.G (2003) *Management of library and information centres: paper V of UGC model curriculum*, B.R. Publishing Corporation, Delhi
3. Dilli, K.T (1997) *Basics of Library and Information Science*, Vikas Publishing House, New Delhi

Blended Learning

UNIT	TOPIC	LINKS
UNIT II	Principles of Scientific Management	http://egyankosh.ac.in//handle/123456789/11000
UNIT II	System Analysis and Design	http://egyankosh.ac.in//handle/123456789/11020
UNIT II	Measurement -Performance Evaluation standards	http://egyankosh.ac.in//handle/123456789/11008

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	2	3	1	3	2	3	2		2	3	2	1	3	2
CO 2		3	2	3	2	3		3	2	2			2	2
CO 3	2	3		3		2	2	3		2	3	1	2	3
CO 4	2	3			2		2	1	2				2	
CO 5	2	2	3	2		2	2	3	3	3	3		2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary

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SEMESTER: I

COURSE CODE: 23PLS1C03

TITLE OF THE COURSE: CORE - INFORMATION SOURCES
(Skill Development)

OBJECTIVES

- To become familiar with the use of different types of information sources
- To know how to evaluate the print and electronic information sources

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Explained the detailed study of documentary & non-documentary sources	K2
CO2	Illustrate the documentary sources	K3
CO3	Discuss the non-documentary sources	K3
CO4	Evaluate the electronic sources	K4
CO5	Analyze the digital library resources	K4

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: BASICS OF INFORMATION SOURCES (K2)   (18 Hours)

Documentary and Non-Documentary Sources - Characteristics, Scope and Value; Non-Print and Electronic Sources; Categories of Information Sources - Primary, Secondary and Tertiary.

UNIT II: TYPES OF DOCUMENTARY SOURCES (K3)   (18 Hours)

Documentary Sources: Definition, Types - Dictionaries, Encyclopedia, Directories, Manuals, Handbooks and Bibliographic Sources.
(Self-Study: Types - Dictionaries, Encyclopedia)

UNIT III: NON-DOCUMENTARY SOURCES (K3)   (18 Hours)

Non - Documentary Sources: Human and Institutional Sources of Information - Government Ministries and Departments, R&D Organizations, Learned Societies, Publishing Houses, Archives, Data Banks, Information Analysis Centers, Referral Centers, and Institutional Websites.

UNIT IV: ELECTRONIC INFORMATION SOURCES (K4)   (18 Hours)

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Electronic Information Sources - Meaning, Characteristics, Types: E-books, E-journals, Database and Bulletin boards, Evaluation of Print, Non-print and E-Resources.

(Beyond the Curriculum: Online thesaurus (Terma Tres, MultiTes, etc), SKOS and Ontology Editiors)

UNIT V: DATABASES (FULL TEXT, CITATION AND BIBLIOGRAPHIC) (K4) (18 Hours)

Databases (Full text, Citation and Bibliographic) - ACM Digital Library - EBSCO, Elsevier Science, Pub Med Central, Web of Science, Scopus and SciFinder Scholar.

TEXT BOOKS
1. Poliwali,R.S (2011) Information resources for library and information technology, Navyug Books International, New Delhi
2. Kumar,P.S.G (2004) Information sources and services theory & practice (paper VI & VII of UGC model curriculum), B.R Publishing Corporation, New Delhi

REFERENCE BOOKS
1. Anand Ballabh (2010) Libraries of the information era, ACE Books India.
2. Arul Jothi & Balaji,D.L & Singh (2009) Library and information resource management, Centrum Press.
3. Anil Dhiman, K & Yashoda Rani (2005) Learn information and reference sources and services, Ess Ess Publication, New Delhi.

Blended Learning

UNIT	TOPIC	LINKS
UNIT II	Documentary Sources	http://egyankosh.ac.in//handle/123456789/11113
UNIT III	Information Analysis Centers, Referral Centers	http://egyankosh.ac.in//handle/123456789/33152
UNIT III	Government Ministries and Departments, R&D organizations, Learned Societies	http://egyankosh.ac.in//handle/123456789/33151

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2	3	2	3	2	3	3		2		2	2
CO 2	2	1	2	3	2	3	2	3	3	1	2	1	2	2
CO 3	3	2	2	3	2	3	2	3	3		2		2	2
CO 4	2		3	2	2	3	3	3	3	2	2	1	2	2

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CO 5		1	2			2	3	3	3	2	3		2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: I

COURSE CODE: 23PLS1C04

TITLE OF THE COURSE: CORE - KNOWLEDGE ORGANISATION – I THEORY (CC & DDC)

OBJECTIVES
- To know the basic concepts and terminologies in knowledge organisation and retrieval.
- To understand the relevance of various knowledge organisation and retrieval.
- systems and techniques

COURSE OUTCOMES
At the end of the course the students will be able to:

CO1	Describe the nature of universe of subjects	K2
CO2	Applying classification system for different types of documents	K3
CO3	Produce computerised indexes by applying different indexing techniques	K3
CO4	Study of features of major classification schemes	K4
CO5	Review current trends in library classification	K4

Syllabus

Credits: 5   **Instructional Hours: 90**

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UNIT I: LIBRARY CLASSIFICATION (K2)   (18 Hours)

Universe of Subjects - Structure and Attributes, Modes of Formation of Subjects; Library Classification; Mapping of Universe of Subjects in Major Schemes of Library Classification

(Beyond the topics: OCLC and its activities, cataloguing of internet resources, Classification and SKOS (Simple Knowledge Organization System))

UNIT II: PRINCIPLES OF CLASSIFICATION (K3)   (18 Hours)

General Theory of Classification - Normative Principles; The three planes of work; Principles and Postulates of Helpful Sequence; Facet Analysis; Notation; Kinds and Hospitality.

UNIT III: INDEXING (K3)   (18 Hours)

Indexes and Indexing process-representation of information, Book Indexing, Periodical Indexing, General Theory of Subject Indexing Languages (SIL) of G. Bhattacharyya

UNIT IV: SCHEMES OF CLASSIFICATION (K4)   (18 Hours)

Schemes of classification – Enumerative & analytic synthetic study of standard schemes of classification – CC and DDC

UNIT V: ORGANIZATION OF DIGITAL RESOURCES (K4)   (18 Hours)

Trends in classification- Automatic Classification, Classification in Online System and Web; Knowledge Organization for Digital Libraries, Web Dewey - Taxonomies – Folksonomies

(Self-Study: Taxonomies)

TEXT BOOKS

1. Ranganathan, S.R (1989) *Element of library classification*, Saradha Ranganathan Endowment, Bangalore.
2. Krishan Kumar (1983) *Theory of classification*, Vikas Publishing House, Bangalore.

REFERENCE BOOKS

1. Ranganathan, S.R (1989) *Prolegomena to library classification*. Vol. 1, Saradha Ranganathan Endowment, Bangalore.
2. Ranganathan, S. R (1988) *Library manual*, Saradha Ranganathan Endowment, Bangalore.
3. Parki, R.S (1964) *Decimal classification and colon classification in perspective*, Asia Publishing House, New Delhi.
4. Melvil Dewey (1989) *Dewey decimal classification relative index vol 2*, Foundation, Lake Placid Club, Bangalore.

Blended Learning

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UNIT	TOPIC	LINKS
UNIT IV	Schemes of classification – CC & DDC	http://egyankosh.ac.in//handle/123456789/33077 -

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	2	3	2	3	2		3	3	2		2		3	3
CO 2	2	3	3	2	2	2	2		3		3	2	2	3
CO 3	3	3	3		2	2		2	3	3		2	2	2
CO 4		2	1	2		3	3	1	3	2	1			3
CO 5	2	1			3		2				2		2	

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: I

COURSE CODE: 23PLS1E01

TITLE OF THE COURSE: ELECTIVE - PUBLIC LIBRARIES

OBJECTIVES

- To acquaint students with basic philosophy of public library and information Systems.

- To understand the role and evolution of public library as a social institution

- Student able to maintain public library effective manner.

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COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understand the general concept of public libraries	K2
CO2	Explain the role of government and other agencies in the development of libraries	K2
CO3	Select, acquire, organize and manage public library collection	K3
CO4	Evaluate the governance and performance of public libraries	K5
CO5	Organizing the Outreach Activities	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: PUBLIC LIBRARY (K2)   **(18 Hours)**

Public Library: Definition, Purpose; Development of Public Library System in India - Role of Public Library in Formal and Informal Education.
        (Self-Study: Role of Public Library in Formal and Informal Education)

UNIT II: ROLE OF GOVERNMENT AND OTHER AGENCIES (K2)   **(18 Hours)**

Role of Government and other agencies in the Development of Public Libraries: UNESCO, IFLA, Raja Rammohun Roy Library Foundation and National Mission on Libraries including National Knowledge Commission - Organizational Structure of Public Libraries as depicted in Public Library Acts of States and Union Territories in India

UNIT III: ORGANIZATION & MANAGEMENT OF LIBRARY COLLECTION (K3)
(18 Hours)

Printed Information Sources: Selection, Acquisition, Evaluation - Electronic Information Sources: Selection, Acquisition, Evaluation - Information Sources for Special Categories of Users: Children, Young Adults, Senior Citizens, Differently Abled People - Organization and Management of Library Collection.

UNIT IV: GOVERNANCE AND PERFORMANCE (K5)   **(18 Hours)**

Library Governance: Composition, and Functions of Library Authority/Library Committee in Public Library Acts of States and Union Territories in India - Financial Management: Sources of Finance, Financial Provisions in Public Library Acts; Budgeting Methods - Human Resource Management.

UNIT V: PUBLIC LIBRARY SERVICES (K5)   **(18 Hours)**

Circulation Service, Reference service, Readers' Advisory Service - Information literacy - Extension Services: Author Talk, Book Clubs, Exhibition, Lectures - Outreach Activities: Mobile Library Services, Online Services

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TEXT BOOKS

1. Purushotham Tiwari (2013) *Library and society*, APH Publications Corporation, New Delhi.

2. Anand Ballabh (2010) *Libraries of the information era*, ACE Books, India.

REFERENCE BOOKS

1. Thakur,S (2020) *Library and Information Science NTA/ UGC/ NET*, Danika Publishing Company, New Delhi.

2. Kaliyaperumal, K (2017) *Library and information science descriptive -UGC-NET/SLET/JRF*, SKM Publications, New Delhi.

3. Dilli, K.T (2009) *Library and information science in a digital era*, Atlantic Publishers & Distributors, New Delhi.

Blended Learning

UNIT	TOPICS	LINKS
UNIT III	Information Sources for Special Categories of Users	http://egyankosh.ac.in//handle/123456789/64313
UNIT V	Circulation Service, Reference service and extension services	http://egyankosh.ac.in//handle/123456789/64313

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2	2	2	3	2	2	1	2	2		3	2
CO 2	2	2	1	2	2			2	2	2	2		2	2
CO 3	2	3	2		3	3	1		1			1	2	2
CO 4	2	2		1		2	1	1			2		2	
CO 5	2		2	2			3	3	2	2		1		2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester

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7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: **Principal**

SEMESTER: I
COURSE CODE: 23PLS1E02
TITLE OF THE COURSE: ELECTIVE - LIBRARY AUTOMATION
THEORY

OBJECTIVES

- To get introduced to the parts of a computer, Operating systems and application software.
- To understand the application of computers in different library routines.
- To be familiar with different search strategies and techniques.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understand the general concept of computers	K2
CO2	Illustrate the system software and operating systems	K3
CO3	Analyze the computer application modules	K4
CO4	Evaluate the library open source software's	K5
CO5	Measure the search strategy and techniques	K5

Syllabus
Credits: 4   **Instructional Hours: 90**

UNIT I: INTRODUCTION AND GENERATION (K2)   (18 Hours)

Need for Computers – Characteristics, Types, Generation, Components, Input and Output devices, Hardware, Software.

UNIT II: OPERATING SYSTEMS (K3)   (18 Hours)

Application / System Software, Operating Systems, Types; Disk Operating System– Windows, Unix, Linux.

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UNIT III: COMPUTER APPLICATIONS (K4)   (18 Hours)

Computer Application Modules–Acquisition, Cataloguing, Circulation and Serial Control.

UNIT IV: LIBRARY MANAGEMENT SOFTWARE (K5)   (18 Hours)

Library / Bibliographic Application Software-CDS/ISIS, Open Source: Koha, New Gen Lib.; Commercial: LIBSYS, SOUL.
(Self-Study: Open Source software – Koha)

UNIT V: SEARCH STRATEGIES AND SECURITY SYSTEMS (K5)(18 Hours)

Search Strategy and Techniques – Truncation – Keyword – Weighted Term – Information / Library Security – Trends and Issues – Bar Coding, RFID, Smart Card, Biometric, and Firewall – Internet Security.

TEXT BOOKS

1. Amrapali Verma (2010) *Computer application to library work*, Pacific Publication, New Delhi

2. Lakshmi,S (2010) *Recent trends in library science*, Sarup Book Publishers Pvt. Ltd, New Delhi.

REFERENCE BOOKS

1. Bala Theresa, Ratna Kumari,C & Rani,B.A, (2011) *Information technology and library automation*, Commonwealth Publishers PVT. LTD

2. Dilli, K.T (2009) *Library and information science in a digital era*, Atlantic Pub & Distributors, New Delhi

3. Tamil Nadu Library Association (1996) Librarian computer, Tamil Nadu Library Association.

4. John Dunlop, T (1962) *Automation and technical change*, Prentice Hall of India, New Delhi.

Blended Leaning:

UNIT	TOPICS	LINKS
UNIT III	Computer Application Modules	http://egyankosh.ac.in//handle/123456789/33169

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

CO 1	3	2	3	2	2	2	2	3	3	3	3	1	3	3
CO 2		2	3	2		3		3	3	2	3		3	3
CO 3	3	3		1	2	2	3	3	3	2	3	2	3	2
CO 4	2		3	3		2	2	3	2	2			3	3
CO 5	2	1	3		2			3	3	2	3	2	2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by:Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	**Verified by HOD: Dr.Sr.M.Jaculine Mary**
Checked by CDC: Mrs. A. Jansi Rani	**Approved by:** **Principal**

SEMESTER: II

COURSE CODE: 23PLS2C05

TITLE OF THE COURSE: CORE - INFORMATION SYSTEMS AND SERVICES

(Skill Development)

OBJECTIVES

- To know the need and importance of information systems and services
- To understand the different information users and their needs
- To get familiar with various National and International Information Systems

COURSE OUTCOMES

At the end of the course the students will be able to:

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CO1	Classifying the information systems and reference service	K2
CO2	Explain the models of information seeking behavior	K2
CO3	Identify the global and national information systems	K2
CO4	Implementation of library networks and E-Journals	K3
CO5	Utilization of digital reference services, guides and mapping	K3

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: INFORMATION SERVICES (K2)   (15 Hours)

Reference service**:** Definition, Need and Types – Information Services: CAS, SDI, Indexing, Abstracting, Bibliography, Translation and Reprography –, Document Delivery Systems, Referral Service, Newspaper clipping, Listserv, Blogs.
(Self-Study: CAS and SDI)

UNIT II: INFORMATION AGENCIES (K2)   (15 Hours)

Information Agencies: Concepts, Meaning and Definitions, objectives and functions. Structure, functions and services of: Libraries, Documentation Centres - Information Literacy.

UNIT III: INFORMATION SYSTEMS (K2)   (15 Hours)

Information systems: Concept, Purpose & Types and functions. Global & National Information Systems; UNISIST, NISCAIR, National Knowledge Commission (NKC) AGRIS, and MEDLARS.

UNIT IV: LIBRARY NETWORKS (K3)   (15 Hours)

Library Networks; INFLIBNET, DELNET, OCLC, IFLA. Library E-Journal Consortia in India, CSIR E-Journals Consortium, e-ShodhSindhu, DELNET Consortium of E-Journals.

UNIT V: DIGITAL REFERENCE SERVICE (K3)   (15 Hours)

Digital Reference Service – Role and Functions of Reference Librarian – Abstracting and Indexing Services – Information Analysis & Consolidation – Subject Guides and Mapping.
(Beyond the Curriculum Virtual Reference Services: Tools &Techniques (Publishers based services-Xrefer, Credo, etc, Library based services-Question Point, VRD etc Library based services-Question point, VRD, etc))

TEXT BOOKS

1. Anil Dhiman, K & Yashoda Rani (2005*) Learn information and reference sources and services*, Ess Ess Publication, New Delhi.

2. Kumar,P.S.G (2004) *Information sources and services theory & practice (paper VI & VII of UGC model curriculum)* B.R Publishing Corporation, New Delhi.

REFERENCE BOOKS

1. Purushotham Tiwari (2013) *Librarianship in twenty first century*, APH Publishing Corporatiion, Delhi.
2. Raghunath Pandey & Velayudhan Pillai, M.N (2011) *Reference materials in libraries*, Jananada Prakashan (P&D), New Delhi.
3. Krishan Kumar (1980) *Reference service*, Vikas Publication, Bangalore.

Blended Learning

UNIT	TOPICS	LINKS
UNIT IV	INFLIBNET Activities & Services	https://youtu.be/OwGh30_nSys
UNIT IV	DELNET, OCLC, E-Journals Consortium -	http://egyankosh.ac.in//handle/123456789/35262

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	2	2	3	2	3	2	3	3	2	2	2	1	2	3
CO 2	2	2		3	2	2	1	2		2	1	1	2	
CO 3	3	3	3	3	2	2	2		1	2	2	2		2
CO 4	2		3		1	3	2	3	3		3		2	3
CO 5	2	1	3	1	3	3	2	3	3	1			2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary

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SEMESTER: II

COURSE CODE: 23PLS2C06

TITLE OF THE COURSE: CORE - INFORMATION AND

COMMUNICATION TECHNOLOGY (ICT)

(Skill Development and Employability)

OBJECTIVES

- To know the basic concepts of Information and Communication Technology
- To understand the concepts of networking and web technology
- To train the students in applying Information and Communication Technology in Libraries and Information Centres

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Classifying the Information communication technology	K2
CO2	Expose the students the telecommunication and wireless communication	K2
CO3	Identify the communication tools and techniques	K2
CO4	Analyze the networking technology and their types	K4
CO5	Predict web technology and digital networks	K5

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: COMPONENTS OF ICT (K2)   **(15 Hours)**

Information and Communication Technology: Components - Impact of ICT on Society - Application ICT in Libraries and Information Centers - Computer Technology: Input, Output and Storage Devices

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UNIT II: TELECOMMUNICATION TECHNOLOGY (K2)   (15 Hours)

Communication Technology: Telecommunication - Transmission media: Switching, Bandwidth, Multiplexing, Modulation Protocols - Wireless Communication.

UNIT III: TOOLS AND TECHNIQUES (K2)   (15 Hours)

Communication tools and techniques: Fax, Tele Conferencing, Video Conferencing, Teletext, Video Text and Bulletin Board Services

(Beyond the Curriculum: Hands-On Experience in Application Software: Drafting letters and issuing Reminders (With MS-Word) Preparation of Accession Register (With Ms-Excel) Preparation of presentation (with MS-Power point))

UNIT IV: NETWORKING TECHNOLOGY (K4)   (15 Hours)

Networking Technology: Concept, Topologies - Types: LAN, WAN and MAN, Internet & Intranet.

(Self-Study: Internet and Intranet)

UNIT V: WEB TECHNOLOGY (K5)   (15 Hours)

Web Technology: Web Browser, Search Engine, Hypertext, Hyper Media and Multimedia; Integrated Service Digital Network (ISDN) - Open System Inter Connections (OSI) PG.

TEXT BOOKS

1. Saravanakumar & Parameshwaran & Jayalakshmi (2016) *Textbook of information technology*, S.Chand & Company Pvt LTD. New Delhi
2. Poliwali,R.S (2011) *Information resources for library and information technology*, Navyug Books International, New Delhi

REFERENCE BOOKS

1. Anil Dhiman, K (2003) *Basics of information technology for librarians and information scientists vol-1*, Ess Ess Publication, New Delhi.
2. Dhiman, Anil K, (2003). *Basics of information technology for librarians and information scientists vol-2*, Ess Ess Publication, New Delhi.
3. Saravanakumar, R & Parameshwari, R & Jayalakshmi, T (2003) *Textbook of information technology*, S.Chand & Co, New Delhi.
4. Alexis Leon & Mathews leon (1999) *Fundamentals of information technology*, Vikas Publishing House, Chennai.

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Blended Learning

UNIT	TOPICS	LINKS
UNIT II	Telecommunication technology	http://egyankosh.ac.in//handle/123456789/33161
UNIT V	Web technology	http://egyankosh.ac.in//handle/123456789/33170

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO1	3	2	3	3	2	3	2	3	3	2	2		3	3
CO 2	3	2	2	2	2	3	2	2	3	2	3	1	2	2
CO 3	3	3	2	3	3	3	3	3	3	3	1	1	3	
CO 4	3		3	1		3	2	1		1				3
CO 5	3	2	1		2	3		2	3	2			2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary **Mrs.M.Sathya**	**Verified by HOD: Dr.Sr.M.Jaculine Mary**
Checked by CDC: Mrs. A. Jansi Rani	**Approved by:** **Principal**

SEMESTER: II

COURSE CODE: 23PLS2C07

TITLE OF THE COURSE: CORE - ACADEMIC LIBRARIES

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

OBJECTIVES
- To provide an understanding of need for library and information service support to different types of Academic Libraries.
- To help students to understand the nature of information sources, Information users and Information services in college and university Libraries.
- To develop knowledge in planning and development of information services and systems suitable for Academic Libraries.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understanding the academic libraries	K2
CO2	Organize the collection development programme	K3
CO3	Develop the academic library services	K3
CO4	Employ the financial management of academic libraries	K3
CO5	Assess need and objectives of academic libraries	K5

SYLLABUS

Credits: 4   **Instructional Hours: 75**

UNIT I: ACADEMIC LIBRARIES (K2)   **(15 Hours)**

Academic Libraries: Concepts, Definition; Types, Objectives and their Functions.

(Beyond the Curriculum: International Academic Scenario)

UNIT II: COLLECTION DEVELOPMENT (K3)   **(15 Hours)**

Collection & Development: Organization of Collections and Collection Development Programmes.

UNIT III: ACADEMIC LIBRARY SERVICES (K3)   **(15 Hours)**

Planning of Library Services, Management of Library Services, Theory of Library Service, Library Services and Users, Taxonomy of Library Service - Reference Work, Bibliographic Service and User Education, Cost of Library Services.

(Self-Study: User education)

UNIT IV: FINANCIAL MANAGEMENT (K3)   **(15 Hours)**

Financial Management of Academic Libraries - Personnel Management - Norms and patterns of staffing.

UNIT V: ROLE OF UGC (K5)   **(15 Hours)**

Role of UGC in promoting Libraries in Universities, Colleges and other Institutions of Higher Learning - Need and Objectives.

TEXT BOOK

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

1. Sathaiah,B (2011) *Information technology in university libraries*, Common wealth Publishers Pvt. Ltd, New Delhi.

REFERENCE BOOKS

1. Srikumar, S (2003) *Guide to academic librarians*, Margoschis College, Trivendrum
2. Sharma, A.M & Ranganathan S.R (1986) *Indian academic libraries*, Sterling Publishers, New Delhi.
3. Ranganathan, S.R (1942) *School and college libraries*, Madras Library Association, Chennai.

Blended Learning

UNIT	TOPICS	LINKS
UNIT I	Academic Libraries	http://egyankosh.ac.in//handle/123456789/11272

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2	3		2	3	2	3	2	2		3	3
CO 2	2	3	2		3	3	2	1	3	2	2		2	
CO 3	3	2	3	1	3	2	3	2	2	2	3			2
CO 4	3	3	2	2	2		2	3		3	1	1	3	2
CO 5	2		1		3	3		2	2	2			3	

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by:

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

	Principal

COURSE CODE: 23PLS2C08

**TITLE OF THE COURSE: CORE - KNOWLEDGE ORGANISATION-II
PRACTICE (CC & DDC)**
(Skill Development and Employability)

OBJECTIVES

- To learn the different classification schemes (CC & DDC)

- To acquire hands on experience in the usage of Indian and International
  classification schemes

COURSE OUTCOMES
At the end of the course, the students will be able to:

CO1	Explain the structure and layout of colon classification schedules	K3
CO2	Analyse the facets of common isolates	K4
CO3	Explain the phase relations of Dewey Decimal Classification	K4
CO4	Explain the arrangement and format of the relative index	K4
CO5	Summarize the various tables of Dewey Decimal Classification	K5

Syllabus

Credits: 5   **Instructional Hours: 75**
PROCEEDURE FOR CLASSIFICATION

Structure and layout of colon classification schedules -

Preliminaries

Annexure

Part 1 Rules,

Part 2 Schedules of classification,

Part 3 Schedules of classic and sacred books

Space Isolates, Time Isolates, Language Isolates

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COMMON ISOLATES

Anteriorizing common isolate (Applicable before space facet)

Anteriorizing common isolate (Applicable only after space facet)

Anteriorizing common isolate (Applicable only after time facet)

Posteriorizing common isolate: Energy common isolate

Posteriorizing common isolate: Personality common isolate

PHASE RELATIONS

Phase, Intra-Facet and Intra Array Relation

Generalia Bibliography

Practical guidelines for classifying books according to Dewey Decimal Classification (21st Edition)

RELATIVE INDEX

Arrangement and format of the relative index

1st Summary

2nd Summary

3rd Summary

TABLES

Use of the tables

Table 1. Standard Subdivisions

Table 2. Geographic areas, Historical periods, Persons

Table 3. Subdivisions for the Arts, for individual Literatures, for Specific Literary forms

       Table 3-A: Subdivisions for works by or about Individual Authors

       Table 3-B: Subdivisions for works by or about more than one author

       Table 3-C: Notation to be added where Instructed in Table 3-B, 700.4, 791.4, 808-809

Table 4. Subdivisions of individual Languages and Language families

Table 5. Racial, Ethnic, National Groups

Table 6. Languages

Table 7. Groups of Persons

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MODULE CONTENTS

Colon Classification (6th ed.) - 35Hrs

Dewey decimal classification (21st ed.) - 40 Hrs

REFERENCE BOOKS

1. Chand, M. P (1984) *Colon classification*, Sterling Publishers, New Delhi.
2. Mevil Dewy (1979) *Dewey Decimal classification & relative index vol.1*, Forest Press, Inc of lake placid club Education, New York.
3. Bhaskar Mukherjee (2010) *Number building through DDC-22nd*, Alfa Publications, New Delhi
4. Kaula,P. N (1985) *Treatise on colon classification*, Sterling Publishers, New Delhi.

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2		3	1	1	3	2		3	3	2	3	2
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CO 3	3	3	1	3	2	1	3			1	3	1	3	2
CO 4	3	2		3	1	1	3	2		3	3	2	3	2
CO 5	3	3		3	2		3	1	1	3	3		2	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment	Once in a Semester

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Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: II
COURSE CODE: 23PLS2C09
TITLE OF THE COURSE: CORE - INFORMATION PROCESSING AND RETRIEVAL – I CATALOGUING THEORY (CCC & AACR-2)

OBJECTIVES

- To help students to develop an understanding of organizing information sources.
- To understand the principles and practices of document description including electronic documents.
- To develop competencies in the techniques and methods of organizing information sources.
- To give an understanding of cataloguing and bibliographic description formats and to develop ability in applying methods and tools of content description.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understand the concept of catalogue	K2
CO2	Discuss the forms of document cataloguing	K2
CO3	Classifying the main and added entries of library catalogue	K3
CO4	Explain the current trends in library cataloguing	K4
CO5	Summarize the cataloguing of internet resources	K5

SYLLABUS

Credits: 4   **Instructional Hours: 75**

UNIT I: CATALOGUING (K2)   (15 Hours)

Introduction to Organization of Information Resources: Catalogues, Indexes, Bibliographies

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UNIT II: MEANING AND OBJECTIVES (K2)   (15 Hours)

Document description -significance - Document Cataloguing: Meaning, objectives and functions - Forms of document Cataloguing - Inner forms and Outer forms

UNIT III: SUBJECT CATALOGUING (K3)   (15 Hours)

Subject Cataloguing - Chain Procedure- Subject heading lists- Sear's list, LCSH

UNIT IV: BIBLIOGRAPHIC DESCRIPTION (K4)   (15 Hours)

Standards for Bibliographic description MARC, ISBD, UNIMARC, CCF, ISO 2709, Metadata

UNIT V: RESOURCE SHARING (K5)   (15 Hours)

Resource sharing - centralized, co-operative and Union cataloguing, OPAC, OCLC and its activities, cataloguing of internet resources

(Beyond the Curriculum: Web retrieval tools – subject directories, search engines, and metasearch engines)

TEXT BOOKS

1. Sanjiv Reddy,T.R & Shyamgopal Verma (2011) *Library cataloguing and information technology*, Pacific Books International, Delhi
2. Ranganathan,S.R (2006) *Classified catalogue code with additional rules for dictionary catalogue code ed-5*, Ess Ess Publication, New Delhi.

REFERENCE BOOKS

1. Viswanathan,C.G (1990) *Cataloguing theory and practice ed-6*, Ess Ess Publication, New Delhi.
2. Universal Decimal Research Aid Centre (1990) *Universal Decimal Classification*, Universal
   Decimal Research Aid Centre
3. Girija Kumar (1982) *Theory of cataloguing*, Vikas Publications, Bangalore.

Blended Learning

UNIT	TOPICS	LINKS
UNIT II	Cataloguing: Meaning, objectives	http://egyankosh.ac.in//handle/123456789/33105
UNIT II	Forms of document Cataloguing	http://egyankosh.ac.in//handle/123456789/33103

MAPPING OF COs WITH POs AND PSOs

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	3	3	2	3	2	2	2	3	2	3	2	3
CO 2	2		3	2	2	3		3	3	2		2	2	2
CO 3		3		3	2		2		3	1	3		3	3
CO 4	2	2	3		1	2	3	2	2	2	2	1	2	3
CO 5	2		1	2		1		2	3		3		2	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
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5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: II

COURSE CODE: 23PLS2E01

TITLE OF THE COURSE: ELECTIVE - PRESERVATION AND

CONSERVATION

(Employability and Entrepreneurship)

OBJECTIVES

- Understand the basic physical composition and technology of the principle carriers of information, including paper, books, and photographic, audio-visual, and digital media.

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- Identify the major causes of loss, damage, deterioration, and obsolescence of information carriers as well as current methods and best practice for preventing or mitigating such loss.

- List and describe the core activities that commonly comprise a preservation program in libraries and archives.

COURSE OUTCOMES
At the end of the course the students will be able to:

CO1	Summarise the elements of preservation and conservation	K2
CO2	Discuss about the control measures	K2
CO3	Implement the binding process	K3
CO4	Organizing restoration and reformatting	K3
CO5	Apply the methods of digital preservation	K4

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: ELEMENTS OF PRESERVATION (K2)   **(15 Hours)**

Elements of Preservation and Conservation - Need for Preservation and Conservation - Evolution of Writing Materials - Palm Leaves, Clay Tablet, Manuscripts, Print and Non-Print Materials - Preservation and Conservation Techniques.

UNIT II: CONTROL MEASURES (K2)   **(15 Hours)**

Hazards to Library Materials and Control Measures - Environmental Factors, Biological Factors, Chemical Factors, Disaster Management.

(Self-Study: Control Measures - Environmental Factors)

UNIT III: BINDING (K3)   **(15 Hours)**

Binding - Types of Binding - Binding Materials - Binding Process - Standards of Binding

UNIT IV: RESTORATION AND REFORMATTING (K3)   **(15 Hours)**

Restoration and Reformatting - Microfilming and Digitisation of Print Material.

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UNIT V: DIGITAL PRESERVATION (K4)   (15 Hours)

Emerging Trends – Digital Archiving, Digital Preservation, Cloud Storage.

TEXT BOOK

1. Sumangala Jha (2013) *Preservation and conservation in library science*, Anmol Publications Pvt. Ltd

REFERENCES BOOKS
1. Purushotham Tiwari (2015) *Digital libraries and digitization*, APH Pub.Corporatiion, Delhi.
2. Lakshmi,S (2010) *Recent trends in library science*, Sarup Book Publishers Pvt. Ltd, New Delhi.
3. Nelly Balloffet & Jenny Hille (2009) *Preservation and conservation for libraries and archives*, Ess Ess Publication, New Delhi.

Blended Learning

UNIT	TOPICS	LINKS
UNIT IV	Restoration and Reformatting	http://egyankosh.ac.in//handle/123456789/11182
UNIT IV	Microfilming and Digitisation	http://egyankosh.ac.in//handle/123456789/11180

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	3	2	1	2	3	2	2	1	3	2	2	3	3
CO 2	2	2	2	1		2	2	2	3	3	1		2	3
CO 3	2		1	2	3		3	2	3	2		1		2
CO 4	2	2		2	3	1	2	3		2	1	1	1	1
CO 5	2	1	3		3	2		1	2	1	2		2	

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

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Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: **Principal**

SEMESTER: II

COURSE CODE: 23PLS2E02

TITLE OF THE COURSE: ELECTIVE - DATABASE MANAGEMENT SYSTEM FOR LIBRARIES

OBJECTIVES

- To know the basic concepts, structure and components of DBMS,
- To learn file organization and Data Manipulation.
- To know different database support services.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Summarise the concepts of DBMS	K2
CO2	Interpret file organization and data models	K3
CO3	Analyze data manipulation and RDBMS	K4
CO4	Compare the types of data base	K4
CO5	Discriminate Database Support Services	K5

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: CONCEPT OF DBMS (K2)   (15 Hours)
Basic concepts of DBMS - Definition, Need and Entities – Records, FILES – Components – Advantages and Disadvantages – Application of Database Management Systems in Libraries and Information Centers.

UNIT II: FILE ORGANIZATIONS AND DATA MODELS (K3)   (15 Hours)
File organization - Data Models - Classification: Relational Model, Network model and Hierarchal model – Types of files - Indexing and retrieval.

UNIT III: DATA MANIPULATION AND RDBMS (K4)   (15 Hours)

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

Data Manipulation – Query Formulation - Structure Query Language (SQL) - Query by Example (QBE) Relational Data Base Management System (RDBMS)

UNIT IV: TYPES OF DATABASES (K4) (15 Hours)

Databases – Types of Databases (Bibliographic, Abstracting, Citation, Numerical, Full Text and Factual). Education Resources Information Centre (ERIC), Math Sci net, Library and Information Science Technology Abstract (LISTA).

(Self-Study: Citation)

UNIT V: SUPPORT SERVICES (K5) (15 Hours)

Database Support Services – IEEE, COMPENDEX, PUBMED, EBSCO-SCOPUS – GOOGLE SCHOLAR – WEB OF SCIENCES – PROQUEST, Subject Gateways.

TEXT BOOKS

1. Poliwali,R.S (2011) *Information resources for library and information technology*, Navyug Books International, New Delhi
2. Alexis Leon & Mathews Leon (2006) *Essentials of database management systems*, Vijay Nicole Imprints Private Limited, Chennai

REFERENCE BOOKS

1. Purushotham Tiwari (2013) *Librarianship in twenty first century*, APH Pub.Corporatiion, Delhi.
2. Alexis Leon & Mathews Leon (2006) *Fundamentals of database management systems*, Vijay
   Nicole Imprints Private Limited, Chennai
3. Raghu Ramakrishnan & Johannes Gehrke (2003) *Database management systems*, McGraw-Hill, New Delhi.

Blended Learning

UNIT	TOPICS	LINKS
UNIT I	Basic concepts of DBMS	http://egyankosh.ac.in//handle/123456789/11244
UNIT III	Structure Query Language (SQL)	https://www.youtube.com/watch?v=jtfuwnN2NoA

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	3	2	2	3		3	2	2	3	1	3	3
CO 2	2		3	2	1	2	2	3		3	3	2	3	3
CO 3		1	2	2		3	2	3	2		2	2	3	3

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CO 4	2	2	3	2	1	3	2	3	2	3	3	1	2	3
CO 5	2		3	2		3	2	3	2	3	3		2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

TITLE OF THE COURSE: CORE - DIGITAL LIBRARIES AND OPEN SOURCE SOFTWARE
(Employability)

OBJECTIVES

- To know the concept, functions of Digital Libraries and Digital Library Software

- To know various applications of Digital Libraries

- To know Library Consortia Initiatives and Digital Resource Management

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Illustrate digital libraries and opensource software	K2
CO2	Explain digital storage mechanism	K2
CO3	Apply the digital library software	K3
CO4	Prepare the library management system	K3
CO5	Study of Content management software	K4

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: DIGITAL LIBRARY (K2)   **(18 Hours)**

Definitions, Characteristics, Collections – Digital Library Initiatives, Open Archives Initiative (OAI) and similar developments - Design and Organisation of Digital Libraries:

UNIT II: DIGITALIZATION PROCESS (K2)   **(18 Hours)**

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

Digitalization process – Digital Storage Mechanism: Scanners and scanner types; OCR and OCR software

(Self-Study: Digital Storage Mechanism)

UNIT III: COLLECTION MANAGEMENT (K3)   (18 Hours)

Collection Management: Collection building, Access, Management and preservation – Institutional Repositories – Overview of Digital Library Software – GSDL – Dspace – Digital Archives

(Beyond the Curriculum: Digital IR)

UNIT IV: LIBRARY MANAGEMENT SOFTWARE (K3) *(Industry 4.0)*

(18 Hours)

Library Management Software-Koha and SOUL – different modules and functions – Report generation

UNIT V: CONTENT MANAGEMENT SOFTWARE (K4) *(Industry 4.0)* (18 Hours)

Content Management Software: Drupal-News Publishing-Website's-Multimedia presentations-communicating portals-Social Networking sites.

TEXT BOOKS

1. Purushotham Tiwari (2015) *Digital libraries and digitization*, APH Pub.Corporation, Delhi.

REFERENCE BOOKS

1. Janakiraman,C (2011) *Digital libraries*, Pacific Books International, Delhi.
2. Lakshmi,S (2010) *Recent trends in library science*, Sarup Book Publishers Pvt. Ltd, New Delhi.
3. Dilli, K.T (2009) *Library and information science in a digital era*, Atlantic Pub & Distributors, New Delhi
4. WWW.ubuntu.com
5. WWW.CDS/ISIS.org
6. WWW.koha.org
7. WWW.dspace.org
8. WWW.drupal.org
9. http://source forge.net

Blended Learning

UNIT	TOPIC	LINK
UNIT I	Digital Library Initiatives	http://egyankosh.ac.in//handle/123456789/35930
UNIT II	Digitalization process	http://egyankosh.ac.in//handle/123456789/11252

MAPPING OF COs WITH POs AND PSOs

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	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	3	3	3	1	3	3	2	3	3	3	1	2	3
CO 2	3	2	2	3	2	3	2	3	2	1	2	1	2	2
CO 3			2	2		3		3	3	2			2	2
CO 4	2	3			2		2		2	2	1	2	2	
CO 5	2	2	2	1		2	3	1			2	1		2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
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7.	Quiz (Unit V)	Once in a Semester

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Checked by CDC: Mrs. A. Jansi Rani	Approved by: **Principal**

SEMESTER-III

COURSECODE: 23PLS3C11

TITLE OF THE COURSE: CORE - RESEARCH METHODS AND TECHNIQUES

OBJECTIVES

- Understand the basics of research which include how to identify a research problem and do a comprehensive literature review;

- Adopt a suitable data collection method and tool based on the nature of research problem;

- know how to test hypotheses by applying appropriate statistical tools such as T-Test, Chi- Square, ANOVA, and Correlation Analysis;

- Prepare a research report adhering to the structural components as prescribed in style manuals like Chicago, MLA, APA, etc.

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COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Express the concept of research methods	K2
CO2	Exhibit the research design in various components	K2
CO3	Choose the methods and tools for research techniques	K3
CO4	Categorize the statistical tools for the research methods	K3
CO5	Analyze the presentation of data	K4

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: BASICS OF RESEARCH (K2)   **(15 Hours)**

Concept, Meaning, Need and process of Research: Types of Research-Fundamental and Applied, Inter-disciplinary and Multidisciplinary approach: Research and development of Scholarship.

(Self-Study: Types of Research)

UNIT II: RESEARCH DESIGN   (K2)   **(15 Hours)**

Research Design: Definition, Need, Types and Components - Hypothesis - Definition, Formulation, Types and Testing - Sampling - Concept and Need of study population and Sampling, Types of Sampling Techniques - Probability and Non- Probability, Derivation of Sample, Sample Bias and Error - Preparation of a Research Proposal - Components and Steps.

UNIT III: METHODS AND TOOLS (K3)   **(15 Hours)**

Methods and Tools: Survey, Experimental, Case-study, Historical, and Scientific - Sources of Data - Primary, Secondary, and Tertiary - Data Collection Tools - Questionnaire, Interview, Observation, Scaling Techniques.

(Beyond the Curriculum: Online tools for effective research)

UNIT IV: STATISTICAL TOOLS (K3)   **(15 Hours)**

Statistical Tools: Need and Importance, Descriptive and Inferential Statistics - Measures of Central Tendency - Standard Deviation - T-Test, Chi-Square, ANOVA, Correlation Analysis - Introduction to SPSS.

UNIT V: PRESENTATION AND REPORTING (K4)   **(15 Hours)**

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

Presentation and Reporting: Presentation of Data – Creation of Tables, Charts and Figures – Interpretation, Inferences – Deductive and Inductive – Report Writing – Components and Evaluation of a Research Report – Style Manuals – Chicago, MLA, APA – Introduction to Reference Manager – Ethics in Research and Publication.

TEXT BOOKS

1. Devarajan,G (2011) *Prolegomena to research methodology* , ESS ESS Publication, New Delhi.

2. Balasubramanian,P & Baladhandayutham,A (2011) *Research methodology in library science*, Deep and Deep Publication Pvt. Ltd, New Delhi.

REFERENCES BOOKS

1. Kothari, C.R (2012) *Research methodology* (Ed2),Wishwa Prakashan, New Delhi.

2. Goswami. (1995) *Research Methodology in Library and Information Science*, Commonwealth Publications, New Delhi.

3. Kothari, C.R (1995) *Research Methodology*, Eastern Wiley New Delhi.

4. Krishna Swamy, O.R (1993) *Methodology of research in social sciences*, Himalaya Publication New Delhi.

5. Krishna Kumar (1992) *Research methods in library in social science*, Vikas Pub. New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT II	Sampling Concept and Need of study population and Sampling	http://egyankosh.ac.in//handle/123456789/11217
UNIT IV	Measures of Central Tendency and Correlation Analysis	http://egyankosh.ac.in//handle/123456789/11211

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

CO 1	3	2	2	3		3	2	2		1	3	3	2	3
CO 2	3	2	1	2	2	3	2	3	2	1	2	3		2
CO 3	2	2	3	1	2	2		3	3		2	3	3	3
CO 4	2	3	3		1	2	1	2	2	2	2	3	2	2
CO 5	3	2	2	2		1	2	2	2	1	2	3		2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: III

COURSE CODE: 23PLS3C12

TITLE OF THE COURSE: CORE - KNOWLEDGE MANAGEMENT

OBJECTIVES

- To know the application of Knowledge Management in Library and Information centers
- To learn knowledge creation, knowledge architecture and knowledge codifications
- To apply Knowledge Management tools and techniques in Modern Library Information Centers

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Explain the concept of knowledge management	K2
CO2	Discuss the knowledge techniques	K2
CO3	Interpret the knowledge codification tools	K3
CO4	Analyze the content management and development	K4
CO5	Evaluate the knowledge skills	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: KNOWLEDGE MANAGEMENT (K2)   (18 Hours)

Knowledge Society – Knowledge Economy, Understanding Knowledge Management – Concept –Definition – Types and Challenges in Building KM System.

(Beyond the Curriculum: Software for Knowledge management, Trends and Challenges in Knowledge Management)

UNIT II: KNOWLEDGE CREATION (K2)   (18 Hours)

Knowledge Creation – Knowledge Capture – Knowledge Creation Models – Knowledge Capture Techniques - Knowledge Architecture – People Core – Technical Core- Content core

UNIT III: KNOWLEDGE CODIFICATION (K3)   (18 Hours)

Knowledge Codification – Definition, Need – Codification Tools, Procedures – Knowledge Maps –Decision Tables – Decision Trees.

UNIT IV: CONTENT ANALYSIS (K4)   (18 Hours)

Content Analysis – Quantitative and Qualitative Aspect applications – Content Management and Development – Norms and Guidelines - Web Based Content Development – HTML/XML – Ontologies.

(Self-study: HTML/XML)

UNIT V: KNOWLEDGE WORKERS AND SKILLS (K5)   (18 Hours)

Knowledge Workers – Skills Requirement - Ethical – Legal Issues.

TEXT BOOKS

1. Purushotham Tiwari (2017) *Knowledge management in libraries*, APH Publishing Corporation

REFERENCES BOOKS

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

1. Kanti Srikantaiah, T (2008*) Knowledge management for the information professional*, Ess Ess Publication, New Delhi.

2. Purushotham Tiwari (2013) *Knowledge management in libraries*, APH Pub.Corporation, New Delhi.

3. Natarajan,M (2015) *Knowledge management: challenges applications*, Ess Ess Publication, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT I	Understanding Knowledge Management	http://egyankosh.ac.in//handle/123456789/10949
UNIT III	Knowledge Codification	http://www.infocobuild.com/education/audio-video-courses/business-management/KnowledgeManagement-IIT-Kharagpur/lecture-11.html

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2	3	2		2	2	3	3	2	2	3	2
CO 2	2	2	1	2	3	2		2	2	2	2	1	2	3
CO 3		1	2		1	2	1	2			1			1
CO 4	2	2	3	2	2	1	3		1	2	3		2	
CO 5	2	3	1	2		3		2		1	2	1	1	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
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7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary	Verified by HOD: Dr.Sr.M.Jaculine Mary

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

Mrs.M.Sathya	
Checked by CDC: Mrs. A. Jansi Rani	**Approved by:** **Principal**

SEMESTER: III

COURSE CODE: 23PLS3C13

TITLE OF THE COURSE: CORE - INFORMATION PROCESSING AND RETRIEVAL - II CATALOGUING PRACTICE (CCC & AACR-2)
(Skill Development)

OBJECTIVE

- To know cataloguing of books and non - book materials according to AACR II and CCC

- To create catalogue entries for the Print resources; and

- To create catalogue entries for non-print resources using AACR 2R

COURSE OUTCOMES
At the end of the course, the students will be able to:

CO1	Understand the concept of Classified Catalogue Code	K2
CO2	Discuss the forms of cataloguing cards preparation	K2
CO3	Classifying the main entries of AACR II	K4
CO4	Classifying the added entries of AACR II	K4
CO5	Summarize the card preparation of different and Pseudonymous authors	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

CLASSIFIED CATALOGUE CODE

CCC - Introduction
Single Personal Author

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

Two authors
Entries for more than two authors
CATALOGUE CARD PREPARATION
Pseudonyms
Collaborators
Corporate body
Corporate body under government
AACR-II CARD PREPARATION
AACR II - Introduction
Single personal author
Shared responsibility
Books written by three authors
AACR-II CARD PREPARATION
Books by more than three authors
Books by single editor
Books more than one editor
AACR-II CARD PREPARATION
Books by different names
Books by Honour nobility
Pseudonymous authors

MODULE CONTENTS

1. Classified Catalogue Code-6th Edition
2. Anglo American Cataloguing Rules – 2

REFERENCES BOOKS

1. Krishan Kumar (1981) *Introduction to cataloguing practice*, Vikas Publishing House, Bangalore.
2. Bharti Sharma & Jayanti Singh (2011) *Practical approach to classified catalogue code*, Mangalam Publications, New Delhi.

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2		3	1	1	3	2		3	3	2	3	2
CO 2	3	2		3	3		3		1	2	3	1	2	2
CO 3	3	3		3	3	1	2		1	3	3	1	3	2
CO 4	3	2		3	1	1	3	2		3	3	2	3	2

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

CO 5	3	3		3	3		3	1	1	3	3		3	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment	Once in a Semester

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Checked by CDC: Mrs. A. Jansi Rani	Approved by: **Principal**

SEMESTER: III

COURSE CODE: 23PLS3E01

TITLE OF THE COURSE: ELECTIVE - INFORMETRICS

OBJECTIVES

- To know the concept, theories, laws and parameters of Informetrics.
- To know the quantitative and qualitative techniques of Information.
- To be familiar with citation analysis and Impact Factor.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Describe the concept of Informetrics	K2
CO2	Classifying the Bibliometric Laws	K2

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CO3	Analyze the various growth of literature	K4
CO4	Study of citation analysis	K4
CO5	Distinguish index & mapping of science	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: INFORMETRICS (K2)   (18 Hours)

Introduction: Concept, Scope and Definition; Librametry, Bibliometrics, Scientometrics and Webometrics.

UNIT II: BIBLIOMETRIC LAWS (K2)   (18 Hours)

Bibliometric Laws**:** Zipfs Law, Lotka's Law and Bradford's Law – Application of Bibliometric laws.

UNIT III: GROWTH OF LITERATURE (K4)   (18 Hours)

Growth and Obsolescence of literature: Various growth models; Aging factor and half-life: real vs. apparent; synchronous vs. diachronous.

UNIT IV: CITATION ANALYSIS (K4)   (18 Hours)

Citation analysis: Bibliographic Coupling and Co-citation Analysis
     (Self-Study: Citation analysis)

UNIT V: SCIENCE INDICATORS (K5)   (18 Hours)

Science indicators: Impact factor, h-index, g-index, i-10; Mapping of Science

TEXT BOOKS
1. Akhandanand Shukla and Aditya Tripathi (2015) *Webometric Studies and Libraries*,Ess Ess Publications, New Delhi.

REFERENCES BOOKS
1. Gayatri Mahapatra (2013) *Bibliometric studies: in the Internet Era*.: Indiana Publishing House, New Delhi.

2. Ingwerson Peter (2011) *Scientometric Indicators and Webometrics and Poly Represntation*, Ess Ess Publication, New Delhi

3. Ashwini Tiwari (2006) *Bibliometrics, Informetrics and Scientometrics* : Opening New Vistas of..,
   RBSA, Jaipur.

4. Ravichandra Rao (1985) *Quantitative Methods for Library and Information Science*, Wiley Eastern,New Delhi.

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

Blended Learning

UNIT	TOPIC	LINK
UNIT I	Librametry, Bibliometrics, Scientometrics	http://egyankosh.ac.in//handle/123456789/11359
UNIT I	Webometrics	https://www.youtube.com/watch?v=0GbG7Q3ctsA

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2	2	2		2	2	2	2	2		3	2
CO 2	2	3	3	2	2	2	2		2	3	3	2	2	2
CO 3	2			2		3	1	1				3		
CO 4		1	1		3			2	1	2	1	3	1	2
CO 5	2		2	3	1	2	3		3		2		2	1

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary **Mrs.M.Sathya**	**Verified by HOD: Dr.Sr.M.Jaculine Mary**
Checked by CDC: Mrs. A. Jansi Rani	**Approved by:** **Principal**

SEMESTER: III

COURSE CODE: 23PLS3E02

TITLE OF THE COURSE: ELECTIVE - INFORMATION MARKETING

OBJECTIVES:

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

- To know the value of information as a Marketable commodity.

- To learn various marketing techniques.

- To apply marketing concepts on information products and services

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understanding the marketing of information	K2
CO2	Discuss the approaches of corporate strategy	K2
CO3	Classifying the marketing information system	K3
CO4	Explain the branding strategies	K4
CO5	Summarize market segmentation and advertisement	K5

Syllabus

Credits: 4   **Instructional Hours: 90**

UNIT I: INFORMATION PRODUCTS (K2)   **(18 Hours)**

Information as a Commodity and Resource – Information Products – Nature and Types – Marketing of Information – Need – Methods

UNIT II: MARKETING AND TYPES (K2)   **(18 Hours)**

Marketing – Concept, Need, Scope, Types – Approaches- Corporate Strategy.

UNIT III: MARKETING RESEARCH (K3)   **(18 Hours)**

Marketing Research; Definition, Functions, Types and Scope – Application – Techniques – Marketing Information System – Components – Functions.

UNIT IV: DESIGNING AND BRANDING (K4)   **(18 Hours)**

Marketing Mix: Designing – Branding – Strategies – Kotlers Four C's McCarthy's Four P's - Competition Analysis – Pricing Methods.

UNIT V: USER BEHAVIOUR (K5)   **(18 Hours)**

Market Segmentation – Geographic – Demographic – Behavioral – Psychographical Segmentation – User Behaviour – Marketing Advertisement.
(Self-Study: Online information seeking behaviour)

TEXT BOOKS

1. Fisher Patricia, H (2009) *Blue print for your Library Marketing Plan*, Ess Ess Publications New Delhi.

REFERENCES BOOKS

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

1. Jenifer Rowley (2016) *Information Marketing, 2nd edition*, Routledge, New York.

2. Philip Kotler (1999) Dream Vacations: *The Booming Market for Designed Experiences*, Free Press, New York.

3. Donald,Barclay A (2011) *Teaching and Marketing Electronic Information Programs*, NFSBO Chennai,

4. Fisher Karen (2008) *Theories of Information Behavior*, Ess Ess Publications, New Delhi.

5. Mathews Brian (2009) *Marketing Today's Academic Library*, Ess Ess Publications, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT II	Marketing – Concept	http://egyankosh.ac.in//handle/123456789/11065
UNIT IV	Marketing Mix and Pricing Methods	http://egyankosh.ac.in//handle/123456789/11065

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3		2	2	2	2		3	2	2	2	1	3	2
CO 2	2	2	1		3	2	2	2	3	1	1		2	2
CO 3	2	2	2	2	3	2	2	3	3	3	2		3	2
CO 4	2	2		2	3	2	2	3	1	2	2	2	3	2
CO 5		1	2	1		1	1		2	1	1	1	2	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: IV
COURSE CODE: 23PLS4C14
TITLE OF THE COURSE: CORE - LIBRARY AUTOMATION PRACTICE
(Employability and Entrepreneurship)

OBJECTIVES

- To know library software available for Library Automation, Digital Library and Content Management.

- To acquire hands on experience in the application of different Opensource Software

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Understand the general concepts and modules of opensource software's (Koha,SOUL, Greenstone, Dspace And Drupal	K2
CO2	Applications of the different modules using Koha, Soul, Greenstone, Dspace, and Drupal	K3
CO3	Implement and present the results through a record presentation	K3

Syllabus
Credits: 4   **Instructional Hours: 90**

LIBRARY AUTOMATION SOFTWARE KOHA SOFTWARE *(Industry 4.0)*

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

MODULES

Koha Administration
Circulation
Patron
Catalogue
Serial Control
OPAC

SOUL SOFTWARE

Circulation
Catalogue
Acquisition
Serial Control

DIGITAL LIBRARY SOFTWARE: GREENSTONE SOFTWARE

New Community
New Collection
Subject
Author
Keywords

DSPACE SOFTWARE

New Community
New Collection
Subject
Author
Keywords

CONTENT MANAGEMENT SOFTWARE

Drupal

Modules of Drupal
Uses of Drupal

MODULE CONTENTS

1. Library Automation Softwares: Koha and SOUL.

2. Digital Library Softwares: Greenstone and Dspace

3. Management Software: Drupal

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

REFERENCE BOOKS

1. Shiva Sukula Rfid (2011) *Essentials, innovations and beyond*, Ess EssPublication, New Delhi.

2. Bala Theresa,T, Ratna Kumari,C & Rani,B.A (2011) *Information technology and library automation*, Commonwealth Publishers Pvt. Ltd, New Delhi.

3. Satyanarayana, N.R (1995) *Manual of computerization in library*, Wishwa Prakashan, New Delhi.

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	2	2	2	2	1	3	3	3	3	3	2		2	3
CO 2	3	2	3	3	2	3	3	3	3		2		2	3
CO 3	2	2	2	3	3	3	2	3	3	3	2	1	2	3
CO 4	2	2	2	3	3	3	2	3	3	3	2	1	2	3
CO 5	2	2	2	3	3	3	2	3	3	3	2	1	2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

COURSE CODE: 23PLS4C15

TITLE OF THE COURSE: CORE - INFORMATION STORAGE &
RETRIEVAL

(Skill Development)

OBJECTIVES

- Acquire skills required for indexing various kinds of documents;
- Get familiarized with the indexing systems;
- Retrieve documents precisely by using different search strategies.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Explain the concept of information storage & retrieval	K2
CO2	Discuss about the indexing systems	K2
CO3	Illustrate the information retrieval models	K3
CO4	Evaluate the information retrieval systems	K5
CO5	Compare the database searching methods	K5

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: INFORMATION RETRIEVAL SYSTEMS (K2)   (15 Hours)

Information Retrieval Systems: Concept, definition, characteristics, components and functions – Digital IR System – Multilingual IR, Multimedia IR, Intelligent IR and NLP.

UNIT II: INDEXING SYSTEMS (K2)   (15 Hours)

Indexing Systems: Problems in subject analysis and representation- Semantic s and Syntax. Indexing Language and Vocabulary Control: Thesaurus- Structure, Functions and Compilation. Pre coordinate and post coordinate indexing systems. Keyword Indexing, Citation Indexing, Natural Language Indexing and Automatic Indexing

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

(Self-Study: Indexing Language)

UNIT III: INFORMATION RETRIEVAL MODELS (K3)   (15 Hours)

Information Retrieval Models: IR Models- Probabilistic, Cognitive and Vector models. Query formulation and Search strategies – Basic and advanced – Boolean, Truncation and Proximity - Digital IR Systems – Types, Features, File Design and Organisation– Multiple Database Searching – Common Command Language, NISO and ISO Standards, Multilingual/Cross-Lingual IR Systems & Projects – Web Information Retrieval – Meaning, Scope, Characteristics, Models and Standards, Web Indexing, Semantic Web.

UNIT IV: EVALUATION OF INFORMATION RETRIEVAL SYSTEMS(K5)

(15 Hours)

Evaluation of Information Retrieval Systems: Meaning, Purpose, Criteria and Levels of IR Evaluation. Major Evaluation Studies – MEDLARS, SMART, STAIRS and Project TREC.

UNIT V: SEARCH OF DATABASE (K5)   (15 Hours)

Database Searching: (Textual, Referral, and Reference)
(Beyond the Curriculum: Copyright issues in the development of digital library)

TEXT BOOKS

1. Christopher Manning, D & etc., (2012) *Introduction to information retrieval*, Cambridge University   Press, New Delhi.

REFERENCES BOOKS

1. Peter Ingwerson (2012) *Scientometric indicators and webometrics and the poly representation principle information retrieval*, Ess Ess Publications, New Delhi.

2. Gerald Kowalski (2011) *Information retrieval architecture and algorithms*, Springer, New Delhi.

3. Ricardo Baeza Yates & Berthier Ribiero Neto, (2007) *Modern information retrieval,* Pearson, New   Delhi.

4. Robert Korfhage,R (2006) *Information storage and retrieval*, Wiley – India, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT III	Information Retrieval Models	https://www.youtube.com/watch?v=Y2OybHMjz6U

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	UNIT III	Search strategies	http://egyankosh.ac.in//handle/123456789/11295

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	3	3	3	3	2		3	3	3	2	2	3
CO 2	3	2	2		2		3	2		2	3	3	3	2
CO 3	2	2	3	3	2	2		2	2	2	2		2	3
CO 4	1	3		2	3	1	2	2	3	2	1	1	2	2
CO 5	2		2			3	1			2			2	

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: IV

COURSE CODE: 23PLS4C16

TITLE OF THE COURSE: CORE - LIBRARY USE & USERS STUDIES

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

OBJECTIVES

- Identifying the library user needs.
- Analyzing the information seeking behaviour.
- Evaluate recent trends in user education.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Classify the categories of users	K2
CO2	Discuss the components of user education	K2
CO3	Illustrate the models of information seeking behaviour	K3
CO4	Categorize the search strategies and tools	K4
CO5	Evaluate user education in digital libraries	K5

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: USER NEED (K2)   **(15 Hours)**

Evolution – categories of users – identifying user's needs – types and methods of user studies
(Self-Study: categories of users)

UNIT II: USER EDUCATION (K2)   **(15 Hours)**

Origin – components – objectives and need of user education.

UNIT III: INFORMATION SEEKING BEHAVIOR   **(15 Hours)**
Concept – importance – methods and models of information seeking behavior
(Beyond the curriculum: User and their information needs: categories of users, ascertaining user's information need.)

UNIT IV: SEARCHING STRATEGIES (K4)   **(15 Hours)**
Objectives – techniques and principles – preparing the search techniques, search strategy and search tools.

UNIT V: RECENT TRENDS IN USER EDUCATION (K5) (15 Hours)
Network environment – information technology – library portal – user education in digital libraries – onlineuser education – OPAC – web based information.

TEXT BOOKS

1. Balasubramanian,P (2011) *Users and uses of library*, Deep And Deep Publication, Delhi .

2. Dilli, K.T(2009) *Library and information science in a digital era*, Atlantic Pub & Distributors, NewDelhi.

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

REFERENCES BOOKS

1. Thakur,S (2020) *Library and Information Science NTA/ UGC/ NET*, Danika Publishing Company, NewDelhi.

2. Gurdev Singh (2015) *Academic Library System and Services,* Ess Ess Publications, New Delhi.

2. Lakshmi,S (2010) *Recent trends in library science*, Sarup Book Publishers Pvt.Ltd, New Delhi.

3. Ranganathan, S.R (2006) *The five laws of library science*. Ess Ess Publications,New Delhi.

4. Kawatra, P.S (2000) *Text book of Information Science*: A.P.H. Publishing, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT II	Origin and need of user education	http://egyankosh.ac.in//handle/123456789/33052
UNIT V	Information technology and library portal	http://egyankosh.ac.in//handle/123456789/35344

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	3	2	2	3	3	2	3	3	3	2	2	2
CO 2	2	2	2	3	3	2	3	2	2	3	3	1	2	2
CO 3	3	2	1	2	2	2	2	3		1	2		3	2
CO 4	2	2		3	2	2	2	1	2	3	1	1	3	2
CO 5			3		3	3	3	3	3	3	3	2	2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

CourseDesigne by: Dr.Sr.M.JaculineMary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: IV

COURSE CODE: 23PLS4C17

TITLE OF THE COURSE: CORE - CONTENT MANAGEMENT

(Skill Development)

OBJECTIVES

- Understanding the basic concepts of content management.

- Understand the principles of information architecture in relation to the organisation of content.

- Explain the role of different types of metadata for the representation of the content.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Summarize the content management system	K2
CO2	Interpret creating and managing web page	K2
CO3	Study of content management software	K3
CO4	Apply the content management system	K3
CO5	Evaluate the content management system	K4

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Syllabus

Credits: 4   **Instructional Hours: 75**

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

UNIT I: INTRODUCTION TO CMS (K2) (15 Hours)

Introduction to CMS; benefits; Principles of CMS; CMS Architecture; system and data integration in CMS.

UNIT II: CREATING AND MANAGING WEB PAGE (K2) (15Hours)

Creating and managing web page; fundamentals of planning dynamic websites
(Self-Study: creating and managing web page)

UNIT III: OVERVIEW OF CMS SOFTWARE (K3) (15 Hours)

Overview of CMS software - Wordpress, Drupal and Joomla to create dynamic and user-friendly websites.

UNIT IV: APPLICATION OF CMS (K3) (15 Hours)

Application of CMS, CMS and community information systems; document management, records management, digital assets management

UNIT V: CONTENT MANAGEMENT SOFTWARE (K4) (15 Hours)

Content Management Software: Evaluation of websites and CMS - News publishing - Web sites - Multimedia presentations - communicating portals.
(Beyond the Curriculum: Content management Software Tools, HubSpot, Squarespace, WIx)

TEXT BOOKS

1. Natarajan,M (2015) *Knowledgement management: challenges applications*, Ess Ess Publication, New Delhi.

2. Purushotham Tiwari (2013) *Knowledge management in libraries*, APH Pub.Corporation, Delhi.

REFERENCES BOOKS

1. Vikas Taneja & Sakshi Parashar (2011) *E-Libraries*, Alfa Publications, New Delhi.
2. Joel Sklar (2000) *Principles of web design*, Thomson Press India Ltd, Australia
3. Venkatappaiah, V (1994) *New horizons in library & information science*, T.R. Publicaitons, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT III	Overview of CMS software	https://www.slideshare.net/chrisnylund/content-management-systems-in-libraries
UNIT V	Evaluation of websites	https://libguides.wits.ac.za/Scholarly_Research_Resources/evaluation

MAPPING OF COs WITH POs AND PSOs

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	2	3	2	3	2	2	3	2	3	2	2	3	3	2
CO 2	3	2		2	1	3	2	2	3		3		2	1
CO 3	2		3	1	3	2		3	2		3	2	3	2
CO 4		2	1	2			2	2		2			1	3
CO 5	1	2	2		2	2	1		1		2		3	2

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	**Approved by:** **Principal**

SEMESTER: IV

COURSE CODE: 23PLS4E01

TITLE OF THE COURSE: ELECTIVE - ELECTRONIC PUBLISHING

(*Entrepreneurship)*

OBJECTIVES

- Understanding the basic concepts of electronic publishing.
- To know the impact of electronic publishing and aware legal aspects

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

COURSE OUTCOMES

At the completion of the course the student will be able to

CO1	Discuss the concept of e-publishing	K2
CO2	Determine the elements of e-publishing	K3
CO3	Discover the image processing	K3
CO4	Apply the format & structure of e-publishing	K3
CO5	Evaluate the socio-economic and legal issues in e-publishing	K5

Syllabus

Credits: 4   **Instructional Hours: 75**

UNIT I: DESKTOP PUBLISHING (DTP) (K2) *(Industry 4.0)*   **(15 Hours)**
Desktop Publishing (DTP) - History, typography, methods of DTP, DTP software, other hardware and software required – Scanners, Digital cameras, Adobe In Design.

UNIT II: TYPES OF DOCUMENTS (K3)   **(15 Hours)**
Types of Documents **b**asic elements of popular DTP. Using DTP software – enhancing documents with graphics, tables, colours, indexes and tables of contents for large size publications; printing and publishing – proofing, Portable Document Format (.pdf), preflight, etc.

UNIT III: IMAGE EDITING (K3)   **(15 Hours)**
Images (analogue/digital), image processing, common image file formats in publishing - .jpg, .tif/.tiff, . psd, .ai.

UNIT IV: WEB PUBLISHING (K3) *(Industry 4.0)*   **(15 Hours)**
Web design and layout concept differences – Head content and location, formatting text, images – file formats, size- HTML overlays - adding local HTML content into an overlay – Author Publishing – Aggregator as model of E-Publishing.
        (Self-Study: Web designing)

UNIT V: TECHNOLOGICAL TRENDS (K5) *(Industry 4.0)*   **(15 Hours)**

Multimedia publishing, DRM Technology and standards, Internet publishing law, ethics in publishing – copyright, privacy etc. E-Publishing - Socio-economic and legal issues

TEXT BOOKS
1. Bala Theresa, Ratna Kumari,C & Rani,B.A, (2011) *Information technology and library automation*, Commonwealth Publishers Pvt. Ltd, New Delhi.

REFERENCES BOOKS

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

1. Poliwali,R.S (2011) *Information resources for library and information technology*, Navyug Books International, New Delhi.

2. Vikas Taneja & Sakshi Parashar (2011*) E-Libraries*, Alfa Publications, New Delhi.

3. Dilli, K.T (2009) *Library and information science in a digital era*, Atlantic Pub & Distributors, New Delhi.

4. Venkatappaiah,V (1994) *New horizons in library & information science*, T.R. Publicaitons, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT II	Using DTP software and types	https://youtu.be/vwtm9VkGQWM
UNIT II	Printing and publishing	http://egyankosh.ac.in//handle/123456789/11199

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	3	3	2	2	2	2	3	3	3	3	2	2	3
CO 2	2	2	3	2		2	2	3	2	3	2	3	3	3
CO 3			3	2	2	3	3	3	2	2	3		2	3
CO 4	3	1	2	2	2	3	3	3	2	2	3	1	2	3
CO 5	2	2	2	2		3	3	2	3	2	3		2	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar from (Unit III & IV)	Once in a Semester

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

7.	PPT - Unit V	Once in a Semester

CourseDesigned by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: IV
COURSE CODE: 23PLS4E02
TITLE OF THE COURSE: ELECTIVE - WEB TECHNOLOGY

OBJECTIVES

- Explain the evolution of Internet and Web;
- Understand various services of Internet and WWW;
- Discuss the functions and features of the Web browsers and Search Engines; and
- Differentiate the Websites based on the way they function and categorise them based on the content and the client it caters to.

COURSE OUTCOMES

At the end of the course the students will be able to:

CO1	Summarize the web technology and its features	K2
CO2	Explain functions of web browsers	K3
CO3	Differentiate the HTML and XHTML	K4
CO4	Evaluate websites tools and techniques	K4
CO5	Discriminate the types of search engines	K5

Syllabus
Credits: 4   **Instructional Hours: 75**

UNIT I: WEB TECHNOLOGY – AN OVERVIEW (K2)   (15 Hours)

Internet: History, Features, Services & Protocols – WWW: History, Features, Web Servers, Web Clients – Distributed Information System and Services – Web 2.0, Lib 2.0, Semantic Web, Cloud Computing.

UNIT II: WEB BROWSERS AND SERVICES (K3)   **(15 Hours)**

History, Function, Features of Browsers (IE, Firefox, Chrome)

(Self-Study: Firefox and Chrome)

UNIT III: MARK-UP LANGUAGES AND SCRIPTING LANGUAGES (K4) (15 Hours)

Functions & Features of HTML, XML, DHTML, XHTML, CGI

UNIT IV: WEBSITES (K4)   **(15 Hours)**

Tools and Techniques; Types of Websites, Web contents, Static web contents, Dynamic Web Contents – MySQL, PostgreSQL.

UNIT   V: SEARCH ENGINES (K5)   **(15 Hours)**

Web Technology: Web Browser, Search Engine, Hypertext, Hyper Media and Multimedia; IntegratedService Digital Network (ISDN) - Open System Inter Connections (OSI) PG.

. **TEXT BOOKS**

1. Akhandanand Shukla & Aditya Tripathi (2015) *Webometrics studies and libraries*, Ess Ess Publication, New Delhi.

2. Deitel,P.J & Deital,H.M (2009) *Internet & world wide web how to program ed-4*, Pearson, New Delhi.

REFERENCES BOOKS

1. Joel Sklar (2009) *Textbook of web design*, Cengage Learning, New Delhi

2. David Mercer (2004) *Schaum`s outlines of HTML Introduction to web page design and development*, Tata Mcgraw Hill Education Pvt.Ltd, New Delhi.

3. Xavier,C (2000) *World wide web design with HTML*, Tata Mcgraw - Hill Education Private Limited, New Delhi.

Blended Learning

UNIT	TOPIC	LINK
UNIT III	Mark-up languages HTML and XML	http://egyankosh.ac.in//handle/123456789/11177

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

MAPPING OF COs WITH POs AND PSOs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2
CO 1	3	2	2		2	3	3	3	3	2	3		2	3
CO 2	2	3	2	2	2	2	3	3	3	3	3	1	2	3
CO 3	2				2	3	3	3	3	2	3		2	3
CO 4		2	2	2	2	2	3	3	3	3	3		2	3
CO 5	1		3		2	2	2			3	3		3	3

(Correlation: 3-High, 2-Medium, 1- Low)

ASSESSMENT TOOLS

S.No.	Assessment Methods	Frequency of Assessment
1.	End Semester Examinations	Once in a Semester
2.	CIA I	Once in a Semester
3.	CIA II	Once in a Semester
4.	Model Examination	Once in a Semester
5.	Assignment (Unit I & II)	Once in a Semester
6.	Seminar (Unit III & IV)	Once in a Semester
7.	Quiz (Unit V)	Once in a Semester

Course Designed by: Dr.Sr.M.Jaculine Mary Mrs.M.Sathya	Verified by HOD: Dr.Sr.M.Jaculine Mary
Checked by CDC: Mrs. A. Jansi Rani	Approved by: Principal

SEMESTER: IV
COURSE CODE: 23PLS4PVV
PROJECT AND VIVA-VOCE

Credits: 4
Instructional hours: 5

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin

M.Lib.I.Sc. (Master of Library and Information Science) students shall have to choose a topic for individual project in the beginning of the 4th Semester and preliminary preparation be carried out under the guidance of a teacher.

Dr.J.Dominic   Dr.V.Rajendran   Dr.Captain T.Magudeeswaran   Mr.S.Muthukumar   Ms. J.Morrin