



BISHOP HEBER COLLEGE (AUTONOMOUS)
TIRUCHIRAPPALLI – 620017
TAMILNADU, INDIA

COURSE
OUTCOMES
DEPARTMENT
OF
LIBRARY &
INFORMATION
SCIENCE



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STRUCTURE OF THE SYLLABUS

PROGRAM NAME	COURSE	COURSE CODE	COURSE NAME
MLIS Library Information Science	Core I	P20LS101	Foundations of Library and Information Science
MLIS Library Information Science	Core II	P19LS102	Management of Library and Information Centres
MLIS Library Information Science	Core III	P19LS103	Information Sources
MLIS Library Information Science	Core IV	P20LS104	Information and Communication Technology
MLIS Library Information Science	Elective I	P21LS1:1	Information Systems and Services
MLIS Library Information Science	Core V	P21LS205	Information Processing and Retrieval Theory
MLIS Library Information Science	Core VI	P20LS206	Library Automation Theory
MLIS Library Information Science	Core Practical I	P21LS2P1	Information Processing and Retrieval Practice I (CC & DDC)
MLIS Library Information Science	Core Practical III	P21LS2P2	Information Processing and Retrieval Practice II (AACR II & UDC)
MLIS Library Information Science	Elective II	P19LS2:2	Knowledge Management
MLIS Library Information Science	Elective III	P19LS2:3	Soft Skills for Library Professionals
MLIS Library Information Science	Core VII	P18LS307	Research Methodology
MLIS Library Information Science	Core VIII	P18LS308	Digital Libraries
MLIS Library Information Science	Core Practical III	P21LS3P3	Library Automation Practice
MLIS Library Information Science	Core Practical IV	P21LS3P4	Application of Open Source Softwares in Library and Information Centers
MLIS Library Information Science	Elective IV	P20LS3:4	Marketing of Information Product and Services



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MLIS Library Information Science	Core IX	P18LS409	Informetrics
MLIS Library Information Science	Core X	P18LS410	Database Management System for Library and Information Centres
MLIS Library Information Science	Elective V	P18LS4:5	Corporate Libraries and Information Systems
MLIS Library Information Science	Field Work & Internship	P18LS4F1	Field Work & Internship Training
MLIS Library Information Science	Project	P18LS4PJ	Major Project

Core – I: FOUNDATIONS OF LIBRARY AND INFORMATION SCIENCE
Semester - I **Course Code: P20LS101**
Credits:5

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level	Unit
CO1	Relate data, Information and Knowledge with Information Cycle Process.	K2	1
CO 2	Apply theories and Models of Communications in Library Science Centers	K4	2
CO 3	Distinguish Different types of Libraries and the role of Professional Associations in the society.	K4	3
CO 4	Apply five laws of Library Science in all areas of Library Information Centres	K4	3
CO 5	Understand the basic concepts of Library Legislation, Policies and Library Acts.	K2	4
CO 6	Evaluate the growth and development of Library Information Science Schools and impart the significance of Professional ethics among library professionals.	K6	5



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Core – II: MANAGEMENT OF LIBRARY AND INFORMATIONCENTRES
Semester I **Course Code: P19LS102**
Credits:5

At the end of this course, the students will be able to

S.No.	Course Outcome	Level	Unit
CO1	Understand the concept, importance of management and Schools of Management Thought.	K2	1
CO2	Apply the diverse models of Performance Evaluation Standards in libraries of all kinds.	K4	1
CO3	Analyze the planning steps, strategies and techniques and apply decision making process in information centers.	K4	2
CO4	Understand the concept of Human Resource Management and apply organization models such as job description and job analysis in information centers.	K4	3
CO5	Evaluate budgeting techniques and importance of Financial Management	K6	4
CO6	Discuss & adapt the importance of Collection Development and Evaluation policies	K6	5

CORE – III: INFORMATION SOURCES
Semester- I **Course Code: P19LS103**
Credits: 5 **Total Hrs: 90**

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level	Unit
CO1	Understand the concept and importance of Primary,Secondary and Tertiary sources	K2	1
CO2	Evaluate all kinds of Secondary Sources	K2	2
CO3	Analyze the different Non Documentary Sources	K3	3
CO4	Evaluate the Electronic Information Sources such as E-books, E- journals etc.	K5	4
CO5	Comprehend E-book publishers Amazon & Sage and E-journals publishers Springer Verlog	K5	5
CO6	Evaluate print reference source and electronic referencesources	K6	5



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CORE IV INFORMATION AND COMMUNICATION TECHNOLOGY

Semester: I

Code: P20LS104

Credits: 4

At the end of this course, the students will be able to

S. No.	Course Outcomes	Level	Unit
CO1	Measure the impact IT on society and applications of IT in libraries and information centers.	K6	1
CO2	Discuss the various elements of communication technology.	K2	2
CO3	Summaries the different communication tools and techniques.	K2	3
CO4	Analyse the topologies, types of networking technology.	K4	4
CO5	Differentiate the planning and Implementation of Internet and Intranet.	K4	4
CO6	Categories the diverse components of web technology.	K6	5

ELECTIVE –I: INFORMATION SYSTEMS AND SERVICES

Semester I Course Code: P21LS1:1

Credits: 4

Total Hrs.90

At the end of this course, the students will be able to

S. No.	Course Outcomes	Level	Unit
CO1	Understand the concept and types of reference service.	K2	1
CO2	Apply the different types of information services in libraries.	K4	2
CO3	Apply the different methods of user studies and the importance of user education in libraries.	K4	3
CO4	Evaluate the national, international and mission-oriented information systems.	K6	4
CO5	Apply the key areas of National Knowledge Commission & National Mission on Libraries.	K3	5
CO6	Analyse the internet-based information resources and distinguish diverse documentation centres	K4	5



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CORE – V: INFORMATION PROCESSING AND RETRIEVAL (THEORY)

Semester– II

Course Code: P21LS205

Credits:5

At the end of this course, the students will be able to

S.No.	Course Outcome	Level	Unit
CO1	Understand the concept and terminologies related to information processing and retrieval	K2	1
CO2	Understand the different types of classification, Modes of Formation of subjects and general schemes of classification	K2	1
CO3	Understand the need and purpose of library catalogue and analyse the different physical and inner forms of catalogue	K2	2
CO4	Understand the concept and types of indexing, generate coordinate index entries and construct Thesaurus	K2	3
CO5	Understand and analyze various bibliographic standards and formats	K4	4
CO6	Evaluate Information Storage and Retrieval Systems	K6	5

CORE – VI: LIBRARY AUTOMATION THEORY

Semester II

Course Code: P20LS206

Credits: 4

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level	Unit
CO1	Understand the basic concept of origin and development of computers.	K2	1
CO2	Distinguish System software and operating system	K4	2
CO3	Apply the different modules of automation software.	K4	3
CO4	Analyze the different between opensource and commercial Software.	K4	4
CO5	Apply the Search strategies and techniques.	K4	5
CO6	Recognize the security system of the library and information centers.	K6	5



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**CORE PRACTICAL-I: INFORMATION PROCESSING
ANDRETRIEVALPRACTICE – I (CC,DDC & UDC)**

Semester II
Credits: 3

Course Code: P21LS2P1

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level
CO1	Understand the concept of classification of documents by using DDC, CC & UDC	K2
CO2	Categorize different Main Class and Classify documents using Colon Classification Schemes	K4
CO3	Applying the classification schemes according to Dewey Decimal Classification	K4
CO4	Categorize different Main Class and Classify documents using Dewey Decimal Classification Schemes	K4
CO5	Applying the classification schemes according to Universal Decimal Classification	K4
CO6	Categorize different Main Class and Classify documents using Universal Decimal Classification Schemes	K6

**CORE PRACTICAL-II: INFORMATION PROCESSING
ANDRETRIEVALPRACTICE – II (AACR II & MARC 21)**

SEMESTER II
Credits: 3

Course Code: P21LS2P2

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level
CO1	Understand the concept of cataloguing of books and non-book materials according to AACR II.	K2
CO2	Understand the formats of cataloguing and bibliographic description.	K4
CO3	Prepare cataloguing entries for authorship and corporate authorship patterns according to AACR II	K4
CO4	Understand the concept of cataloguing of books according to MARC 21.	K2
CO5	Prepare cataloguing entries for personal and corporate name.	K4
CO6	Prepare cataloguing entries for meeting name and uniform title	K4



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ELECTIVE – II: KNOWLEDGE MANAGEMENT

Semester II
Credits: 4

Course Code: P19LS2:2

At the end of this course, the students will be able to

S.No.	Course Outcome	Level	Unit
CO1	Understand the basic concept of Knowledge Management, Knowledge Society, Knowledge Economy, Knowledge Management System & different types of knowledge.	K2	1
CO2	Apply & analyze knowledge creation model, knowledge capture techniques and build knowledge architecture.	K4	2
CO3	Understand the concept of Knowledge codification, needs and discover knowledge codification tools.	K2	3
CO4	Examine content development & management analysis. Apply & make use of norms and guidelines for web content development	K4	4
CO5	Basic ideas & concepts of Ontology in sharing and reusable of knowledge	K2	4
CO6	Categories knowledge workers and skill requirements in knowledge centers by adapting legal and ethical issues.	K6	5

ELECTIVE III: SOFT SKILLS FOR LIBRARY PROFESSIONALS

SEMESTER II
Credits: 4

Course Code: P19LS2:3

At the end of this course, the students will be able to

S.No.	Course Outcome	level	Unit
CO1	Understand the concept Soft Skills and apply them in Library and Information Centres	K2	1
CO2	Understand the importance of Attitude Formation and Develop positive attitude	K2	1
CO3	Understand the significance of Communication and Communication Skills	K2	2
CO4	Apply Interpersonal Skills in the work place	K4	3
CO5	Evaluate the presentation skills and develop their Presentation Skills	K6	4
CO6	Understand the importance Ethics and apply the same in Personal and Professional Life	K4	5



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CORE-VII: RESEARCH METHODOLOGY

Semester III
Credits: 5

Course Code: P18LS307

At the end of this course, the students will be able to

S.No.	Course Outcome	Levels	Unit
CO1	Understand the concept of Research, its characteristics and types.	K2	1
CO2	Identifying Research process & Build a research design for various research types.	K4	2
CO3	Applying the process of Review of Literature and its characteristics in research.	K4	2
CO4	Understand and relate the different types of research methods.	K2	3
CO5	Analyzing and choosing the types of data to be collected and applying in the various types of research.	K4	4
CO6	Creating and compiling the data for testing various an analysis methods using statistical tools and Construct a Research Report using proper style and Structure.	K6	5

CORE-VIII: DIGITAL LIBRARIES

Semester III
Credits: 5

Course Code: P18LS308

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level	Unit
CO1	Analyse the different National and International digital library initiatives	K4	1
CO2	Develop the digitalization process and digital storage of documents.	K4	2
CO3	Plan for the collection development building and management of digital content.	K6	3
CO4	Classify the different types of digital library open-source software.	K4	4
CO5	Examine the structure, models and theories of library consortia initiatives.	K6	4
CO6	Measure the scope and functions of digital resource management standards	K4	5



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CORE PRACTICAL –III: LIBRARY AUTOMATION PRACTICE

Semester III

Course Code: P21LS3P3

Credits: 3

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

S.No.	Course Outcomes	Level	Unit
CO1	Understand the basics of KOHA Software	K4	1
CO2	Discover the functions of KOHA Library Automation Software	K4	2
CO3	Apply the modules in Automation, Acquisition, Cataloguing and Circulation using KOHA	K6	3
CO4	Understand the basics of NIRMALS Software.	K4	4
CO5	Discover the functions of NIRMALS Library Automation Software.	K6	4
CO6	Apply the modules in Automation, Acquisition, Cataloguing and Circulation	K4	5

CORE PRACTICAL-IV: LIBRARY AUTOMATION PRACTICE

Semester III

Course Code : P20LS3P4

Credits: 3

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

S.No.	Course Outcomes	Level	Unit
CO1	Understand the basics of open-source digital library software.	K1	1
CO2	Customize the digital library software to develop the digital library collection.	K2	2
CO3	Create, design & develop communities and sub-communities using D Space	K3	3
CO4	Build Digital Library Collection using D Space	K4	4
CO5	Design Institutional Repository using E-Prints	K5	5
CO6	Develop Digital Library Collection using Greenstone	K6	5



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ELECTIVE - IV: MARKETING OF INFORMATION PRODUCT AND SERVICES
Semester III **Course Code: P20LS3:4**
Credits: 4

At the end of this course, the students will be able to

S. No.	Course Outcomes	Level	Unit
CO1	Understand the basic concept of Information Products & its types.	K2	1
CO2	Apply the concept of marketing and discover the various types & approaches of marketing.	K4	2
CO3	Analyze the various techniques of marketing research.	K4	3
CO4	Recognize the types of Philip Kotler's Marketing mix and competition analysis.	K4	4
CO5	Apply the different types of marketing segmentation.	K4	5
CO6	Apply the various methods of Information Product Advertisements through SNS.	K4	5

CORE - IX: INFORMETRICS
Semester IV **Course Code: P18LS409**
Credits: 5

At the end of this course, the students will be able to

S.No.	Course Outcome	Level	Unit
CO1	Understand the origin and development of Informetrics.	K2	1
CO2	Understand the concept of different types of metric studies like Bibliometrics, Librametrics, Scientometrics, Webometrics, Cybermetrics and Altmetrics.	K2	1
CO3	Understand and discover the various concepts, theories, laws and parameters of Bibliometrics.	K5	2
CO4	Distinguish the ideas of Quantitative and Qualitative Analysis Techniques.	K4	3
CO5	Apply and analyze the functions of Citation Analysis and identify the importance of Ranking in Citation Indexing process.	K4	4
CO6	Utilize and examine the concept of Impact factor and its importance.	K6	5



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**CORE-X: DATABASE MANAGEMENT SYSTEM FOR LIBRARY AND
INFORMATIONCENTRES**

Semester IV
Credits: 5

Course Code: P18LS410

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level	Unit
CO1	Understand the basic concepts, structure and components of DBMS.	K2	I
CO2	Identify the different data models in database management.	K4	II
CO3	Differentiate between Structure Query Language (SQL) - Query by Example (QBE).	K6	III
CO4	Classify the different types of databases being utilized in libraries.	K4	IV
CO5	Recognize the databases in the diverse disciplines/subjects.	K6	V
CO6	Determine role of database support services in enhancing visibility of LIS professionals.	K4	VI

ELECTIVE V: CORPORATE LIBRARIES AND INFORMATION SYSTEMS

Semester: IV
Credits: 4

Course Code: P18LS4:5

At the end of this course, the students will be able to

S.No.	Course Outcomes	Level	Unit
CO1	Explain the concept, nature, structures and functions of corporate library.	K2	1
CO2	Distinguish different type of information products and sources.	K2	2
CO3	Determine the essential skills required to the knowledge managers.	K5	3
CO4	Summaries the various computerized information services offered to the corporate library users.	K6	4
CO5	Distinguish information condensation and consolidation.	K2	5
CO6	Develop the tools for e-governance, e-learning tools and e-metrics.	K4	5



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FIELD WORK AND INTERNSHIP TRAINING

Semester IV
Credits: 3

Course Code :P18LS4F1

S.No.	Course Outcomes	Level	Unit
CO1	Understand different library routines and analyse various information resources.	K2	1
CO2	Apply modern technologies in various library operations and services.	K2	2
CO3	Evaluate the different types of library automation softwares and digital libraries softwares.	K5	3
CO4	Acquire hands on experience in managing different libraries.	K6	4
CO5	Analyse the work culture of different libraries.	K2	5
CO6	Develop the skills in solving real time problems.	K4	5

PROJECT

Semester: IV
Credits: 5

Code: P18LS4PJ
Total Hrs: 90