



YENEPOYA

(DEEMED TO BE UNIVERSITY)

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YENEPOYA (DEEMED TO BE UNIVERSITY)

PROGRAM OUTCOMES AND COURSE OUTCOMES

POSTGRADUATE PROGRAM

MASTER OF LIBRARY AND INFORMATION SCIENCE

(M.Lib.I.Sc.)

ATTESTED

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PROGRAM OUTCOMES
POSTGRADUATE PROGRAM
MASTER OF LIBRARY AND INFORMATION SCIENCE (M.Lib.I.Sc.)

(K= Knowledge, S=Skill, A=Attitude)

Name of PO	Description
PO 1	Be familiar with the basic concepts of information and its communication in society. (K)
PO 2	Become competent in collecting, organizing and disseminating information products and services in and beyond conventional libraries and information centers, thereby to be able to take up professional career in Library & Information Sciences. (K,S)
PO 3	Learn latest techniques in information processing and develop capability in retrieving information efficiently as library and information professionals. (K, S, A)
PO 4	Be able to resolve major issues associated with the development of new technology in the libraries and information centers. (K,S)
PO 5	Be competent with modern tools and techniques to manage Libraries and Information Centers effectively and prepare the library and information professionals in the changing electronic and networked era and knowledge society. (K, S, A)
PO 6	Acquainted with the activities and services of different information systems and introduce them to packaging and consolidation techniques. (K, S)
PO 7	Equipped with ICT based skills to use open source software in order to serve competently in an automated and networked environment. (K, S)
PO 8	To acquire high level skills and training necessary for those aspiring to hold higher positions in library and information centers within the country and abroad. (K, S, A)

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COURSE OUTCOMES
POSTGRADUATE PROGRAM
MASTER OF LIBRARY AND INFORMATION SCIENCE (M.Lib.I.Sc.)

SEMESTER - 1

Name of CO	Description
Foundations of Library and Information Science	CO1 Differentiate between data, information, and knowledge; types of libraries, their functions and role in the development of society;
	CO2 To be familiar with the status of library legislation in India
	CO3 Understand the role and functions of various professional bodies in the development of Libraries and information Centres
	CO4 Comprehend the national information policy and changing dimensions of knowledge society.
Information Sources	CO1 Demonstrate the knowledge of the major information sources and reference tools which facilitate access to information.
	CO2 Develop evaluative skills for selecting both print and electronic information sources;
	CO3 Select and describe the appropriate source to answer informational questions; and
	CO4 Provide practical skills related to various reference tools and their evaluation to the students
Knowledge Organization: Classification	CO1 Explain the modes of formation of subjects and its characteristics;

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CO2 Discuss the principles and philosophy of library classification;

CO3 Understand various standards adopted in digital resource management

Fundamental of Information and Computer Technology

CO1 get acquainted with the components of Information Technology

CO2 acquire skills required for handling different operating systems

CO3 use application software for office management.

CO4 develop an understanding of the file organizations and database management systems

Knowledge Organization: Classification (Practice)

CO1 To be familiar with the Dewey decimal classification system

CO2 Acquire skills required for practically classifying various types of documents;

CO3 systematically arrange and locate books shelved in the library

CO4 develop an understanding of the organization of the information in the library.

Fundamental of Information and Computer Technology (Practice)

CO1 Practically to get acquainted with Information Technology;

CO2 Use of application software for library management.

CO3 Develop an understanding of the file organizations and database management systems.

CO4 Know the use of internet browsing, search techniques and web design.

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SEMESTER - 2

	Name of CO	Description
Information Source and Services (Open Elective paper)	CO1	Demonstrate the knowledge of the major information sources and reference tools which facilitate access to information
	CO2	Develop evaluative skills for selecting both print and electronic information sources;
	CO3	To know the reference and information service, differentiate between reference and information services
	CO4	To identify the information needs of different groups of users and the services library can offer to meet these information needs
Management of Libraries and Information Centres	CO1	Know the meaning, evolution and purpose of management;
	CO2	Understand different levels of management and various managerial skills required, Knows how to manage library and information centres;
	CO3	Understand the application of modern management techniques and methods in managing libraries and information centres
	CO4	Apply the principles and procedures for developing an organisational structure for a library.
Knowledge Organization: Cataloguing and Metadata	CO1	Explain the types and needs for various types of library Catalogues which facilitate easy retrieval.
	CO2	Understand and make use of the various bibliographic formats for effective management of bibliographic records; and
	CO3	Understand various standards adopted in digital resource management.

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Library Automation

- CO1 Understand the concept of library automation and how to implement in libraries;
- CO2 To be familiar with the automated services that can be rendered in libraries and information centres;
- CO3 Know features, advantages, requirements, steps, standards and models of library automation
- CO4 Be aware of various software packages on library automation, free, open, and commercial

Knowledge Organization: Cataloging and Metadata (Practice)

- CO1 Create catalogue entries for the Print resources as per the cataloguing codes/rules / AACR 2R /RDA
- CO2 Create catalogue entries for Non-print resources according to MARC21 and Dublin core

Library Automation

- CO1 Practically get acquainted with database management systems and Automated Library Management
- CO2 Use of application software for library management.
- CO3 Knows the use of search engines and search techniques

SEMESTER -3

Name of CO	Description
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Scholarly Communication

(Open Elective paper)

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|-----|---|
| CO1 | Know the paradigms of Scholarly communication, Historical perspective of scholarly communication Systems, Scholarship and scholarly traditions; |
| CO2 | To prepare short communications, review articles, technical report, monographs, project proposals, dissertations/theses and house bulletins and use of style manuals; |

CO3 Understand the criteria for evaluation of Scholarly scientific and technical communications and presentations.

Information Retrieval

- CO1 Acquire skills required for indexing various kinds of documents;
- CO2 Get familiarized with the indexing systems;
- CO3 Retrieve documents precisely by using different search strategies; and
- CO4 Develop an understanding of the organization of information storage and retrieval systems.

Research Methodology

- CO1 Understand the basics of research which include how to identify a research problem and do a comprehensive literature review;
- CO2 Be familiarized with different types of research design, formulation of hypotheses, sampling techniques, and how to prepare a research proposal;
- CO3 Adopt a suitable data collection method and tool based on the nature of research problem;
- CO4 Know how to test hypotheses by applying appropriate statistical tools such as T-Test, Chi- Square, ANOVA, Correlation Analysis;
- CO5 Use the statistical software package called Statistical Package for Social Sciences; and
- CO6 Prepare a research report adhering to the structural components as prescribed in style manuals like Chicago, MLA, APA, etc.

Information Systems and Services

- CO1 To introduce information systems and identify international organisations devoted to collection, processing and dissemination of information

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- CO2 To explain the programmes and activities that are being undertaken by such organisations in promotion, coordination and development of library and information services
- CO3 To discuss different types, role and function of reference services.
- CO4 To explain the types of services library can offer to meet these information needs

Academic Libraries and Information Centers (Discipline Elective paper)

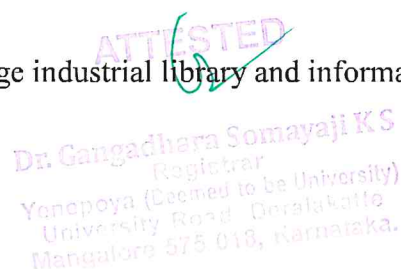
- CO1 Know how to manage academic library and information centres;
- CO2 To get familiar with how to collect, organize and disseminate information products and services in the academic libraries and information centers, thereby to provide services to academic community.
- CO3 To get acquainted with the latest techniques in information processing and develop capability in retrieving information efficiently for academic library and information centers.

Public Libraries and Information Centers (Discipline Elective paper)

- CO1 Know how to manage public libraries
- CO2 To get familiar with how to collect, organize and disseminate information products and services in the public libraries, thereby to provide services to users of public library.
- CO3 To get acquainted with the latest techniques in information processing and develop capability in retrieving information efficiently for public library users.

Industrial Libraries and Information Centers (Discipline Elective paper)

- CO1 Know how to manage industrial library and information centres;



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- CO2 To get familiar with how to collect, organize and disseminate information products and services in the industrial libraries and information centers, thereby to provide services to R&D community.
- CO3 To get acquainted with the latest techniques in information processing and develop capability in retrieving information efficiently for industrial library and information centers.

Health Science Information Systems and Services (Discipline Elective paper)

- CO1 Know how to manage health science library and information centers;
- CO2 To get familiar with how to collect, organize and dissemination information products and services in the academic libraries and information centers of health science, thereby to provide services to users community.
- CO3 To get acquainted with the latest techniques in information processing and develop capability in retrieving information efficiently for academic library and information centers- health science.

Literature Survey and Field Work /Work Experience

- CO1 Make students confident to work in library and information Centers by practice
- CO2 Prepare the students to understand literature survey and review collected data.

SEMESTER – 4

Name of CO Description

Emerging Web-Based Technologies in Libraries

- CO1 Able to know the evolution of Internet and Web;
- CO2 Understand various services of Internet and Web;

CO3 Able to comprehend the functions and features of the Web 2.0 and web 3.0 applications in Libraries

CO4 Able to apply and use Artificial Intelligence, Expert Systems and Robotics and Social Media in Libraries.

Digital Libraries and Digital Content Management

CO1 Design and develop digital library.

CO2 Demonstrate the knowledge of the major design tools for e-publishing that are required for developing electronic documents

CO3 Know the digitisation and edit text process, graphics, audio and video information;

CO4 Acquire authoring skills required for Content Management System

CO5 Be familiar with the design and development principles and rules of e-publications.

Digital Library and Content Management Software (Practice)

CO1 Build a digital collection in library and Information Centres.

CO2 Digitise the process of text, audio and video

CO3 Practically apply Digital library and Content management Software

Information Users, User Studies and Information Literacy (Discipline Elective paper)

CO1 Able to know the characteristics of different users and categorise them into specific groups;

CO2 Discuss the relation of user studies in the design of information systems, products and services;

CO3 Explain the essential steps and methodologies necessary in planning of user study/information literacy programs;

CO4 Explain the concept and meaning of user education;

- CO5 Critically evaluate the effectiveness of user education programmes and information literacy
- CO6 Briefly describe the user education and information literacy scenario in India and the world.

**Management Information System (MIS)
(Discipline Elective paper)**

- CO1 Know the need and importance of information/knowledge in decision making
- CO2 Able to know the complex theories and practice of knowledge and intellectual capital management
- CO3 Formulate action plans for knowledge intensive organisations
- CO4 Formulate a framework for thinking about knowledge intensive organizations and work with intangibles.

**Bibliometrics and Informetrics
(Discipline Elective paper)**

- CO1 Be familiar with the concept of bibliometrics, informetrics, scientometrics, webometrics and altmetrics
- CO2 Carry out quantitative studies on various subject fields.
- CO3 Get acquainted with the concept of citation analysis, different forms of citation, impact factor etc.
- CO4 Apply qualitative as well as quantitative techniques in library and information science.

**Communication and Technical Writing Skills
(Soft skills)**

- CO1 know the basics of communication and technical writing and its types along with their characteristics;
- CO2 understand how to prepare short communications, review articles, technical report, monographs, project proposals, dissertations/theses and house bulletins;

- CO3 get familiarized with the editorial process and editorial tools such as Dictionaries, Style Manuals, Standards and specifications;
- CO4 acquire the knowledge on effective presentation of ideas by using Tables, Line graphs, Bar graphs, Pie charts, Charts, and Illustrations; and
- CO5 understand the criteria for evaluation of scientific and technical communications and presentations.
- CO6 understand various workplace skills required for being a competent professional; and
- CO7 know how to acquire job related skills such as preparing personal profile, interview, and public relations.

**Project Work /
Dissertation**

- CO1 Make students confident in preparing dissertation report independently
- CO2 Prepare the students understand various practical problems in data collection, data management, analysis and interpretation
- CO3 Application of suitable statistical tools and methods studied in the programme for data analysis using Statistical software/packages.
- CO4 Develop application research methodology and report writing,

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