DAYANAND GIRLS' P.G. COLLEGE, KANPUR

PROGRAMME AND COURSE OUTCOMES FOR ALL THE PROGRAMMES OFFERED BY THE INSTITUTION

Department of Library and Information Science

Bachelor of Library and Information Science (B. Lib. & Info. Science)

PROGRAMME OUTCOMES (POs)

Bachelor of Library and information Science aims to:

- Prepare the students in modern library administration and prepare them for careers in Academic, Public and special Libraries.

- Impart education and training for generation budding library professionals in the present scenario of the information age.

- Develop manpower for Libraries and Information Centers for effective and efficient services professional values, dedication and attitude.

- To equip students with competent skills essentially required for carrying out various housekeeping operations of library and Information Centers using ICT.

- To develop LIS students as competent professionals in the field by imparting employability skills based on effective communication, critical thinking, and ethical literacy.

- Enable to become lifelong learners for their personal growth and development.

Program Specific Outcomes (PSO)

PSO1 - Disciplinary knowledge

PSO2 - Professional and Managerial skills

PSO3 - Skilled communicator

PSO4 - Problem solver

PSO5 - Team player/worker

PSO6 - Digitally literate

PSO7 - Ethical awareness/reasoning

PSO8 - Lifelong learners

COURSE OUTCOMES (COs)

Semester I

COURSE CODE: A190101T

COURSE TITLE: Foundations Of Library And Information Science (Theory)

CO1 -To understand the concept, objectives and development of libraries and its importance to society. Able to classify libraries on the basis of their purpose and functions.

CO2 -To understand the professional ethics of librarianship and the five laws of Library Science with their implications on various services of the libraries.

CO3 -Understand the importance of Library legislation and features of library acts IPR and familiarize with the role of various National and International Library Associations and Organizations.

CO4 -Highlight role of various library promoters at the national and international level.

COURSE CODE: A190102T

COURSE TITLE: Library Classification ('Theory)

CO1 -To understand the meaning, purpose, functions, theories and canons of library classification.

CO2 -Students will understand the importance of the various library classifications schemes used in different types of Libraries.

CO3 - Students will understand the formation of subjects in the Universe of subjects.

CO4 –To develop skills of classifications, subject analysis and synthesis of different facts

COURSE CODE: A190103T

COURSE TITLE: Library Cataloguing (Theory)

CO1 - To understand the concept and objectives of Library Catalogue.

CO2 - To know about the normative principles of catalogue. Comprehend various forms (inner and outer) of Library Catalogue.

CO3 - Review the features and development of different catalogue codes.

CO4 - Understand various approaches of deriving subject headings. Understand the concept

of co-operative and centralized catalogue.

CO5- Examine the current trends in library catalogue. Understand the complexities in rendering of entries and alphabetization.

COURSE CODE: A190104P

COURSE TITLE: Library Classification (Practical)

CO1 - Classify and construct the class numbers for complex titles using the DDC scheme.

CO2 - Synthesize class numbers by using the tables and 'add to instructions' of DDC scheme.

CO3 - To classify and construct the class numbers for titles using Colon Classification Scheme.

CO4 - Synthesize class numbers by using common isolates and different devices of CC scheme.

CO5 - Able to use different schedules, manual and relative index of Classification Schemes.

COURSE CODE: A190105P

COURSE TITLE: Library Cataloging (Practical)

CO1 -To use the AACR-2 and CCC cataloging codes for cataloging printed documents in a library. Preparation of catalogue for single personal author, joint personal author, and pseudonymous works. Preparation of catalogue for simple personal name entries in Hindi and Urdu by AACR-2.

CO2 -To prepare different types of entries in order to fulfil various search approaches of users. Practically identify and describe various bibliographic elements of the documents.

CO3 -Derive subject headings using Sear's List of Subject Headings and Chain Procedure.

COURSE CODE: A190106P

COURSE TITLE: Project Work Lis, Library Survey/ Literature Survey (Project)

CO1 – To know the concepts of Literature survey/Field work.

CO2 – Able to prepare the report.

Semester II

COURSE CODE: A190201T

COURSE TITLE: Management of Libraries And Information Centers (Theory)

CO1 - To understand the concept and scope of management in detail.

CO2 - Understand the administrative functions and the principles of library management.

CO3 - Efficiently carry out various operations of Centers Library and Information.

CO4 - Know the library budgeting techniques and methods. Describe the factors behind the selection, procurement and accessioning of documents.

COURSE CODE: A190202T

COURSE TITLE: Information Sources and Services (Theory)

CO1 - To understand the sources of information, concept of reference and information sources and services provided in libraries.

CO2 - Understand criteria of evaluation of different sources of information.

CO3 - Understand the reference interview and various techniques of searching information.

CO4 - Understand the latest trends in Reference & Information Sources and Services

COURSE CODE: A190203T

COURSE TITLE: Information Processing and Retrieval (Theory)

CO1 -To understand the concept of needs of human behavior, types of information needs, and importance of user and user education in context to designing library services.

CO2 -Understand the various categories of users and different methods of user studies in libraries.

CO3 -To understand the concept of Information retrieval system its type, functions and applications in library and information centers.

CO4 -Understand the concept of Indexing and its types and characteristics.

CO5 -Understand the searching techniques useful in searching the information relevant and efficient.

COURSE CODE: A190204T

COURSE TITLE: Library and Information Technology (Theory)

CO1-After studying the paper, students will be able to understand the planning and implementation of automation in various library housekeeping operations and services.

CO2-Understand and assess the feasibility of various library automation software and their functionalities.

CO3-Understand the concept and purpose of a digital library and the new concepts of inning and retrieving the data understand the computer networks and their types.

CO4-Topologies, protocols and Standards. Understand the concept of internet security, its solutions and cyber laws prevalent in India.

COURSE CODE: A190205p

COURSE TITLE: Library and Information technology (Practical)

CO1-After studying the paper students will be able to familiarize with housekeeping operations using library management software packages.
CO2- Create databases for different categories of documents.

CO3-Generate bar code labels and membership cards. Search online databases.

COURSE CODE: A190206p

COURSE TITLE: Project Work in LIS -Field Survey/ Literature Survey   (Project)

CO1 – To know the concepts of Literature survey/Field work.

CO2 – To able to prepare the report.

Master of Library and Information Science (M. Lib. & Info. Science)

PROGRAMME OUTCOMES (POs)

On successful completion of the Masters of Library and Information Science program, the pass out students expected to get equipped with:

PO1 - To gain advance knowledge of Library and Information Science, get advance knowledge on cataloging and classification, identify various types of information sources and services and learn publishing, digital library and library automation.

PO2 - To support users by catalogue digitizing, preserving, and conserving sources and applying ICT techniques in libraries.

PO3 - To analyze user needs concerning secondary data & data analysis for research, thesis writing, and simplify information search and retrieval.

PO4 - To retain knowledge on research methodology, conduct lifelong research.

PO5 - To comprehend various knowledge on research productivity.

PO6 - To gain knowledge on managing libraries and information centers and electronic resources management.

PO7 - To retain theoretical and practical knowledge on various techniques of ICT, digitalization knowledge and database management, library management, library automation and storage and retrieval.

Program Specific Outcomes (PSO)

PSO1 - Disciplinary knowledge

PSO2 - Professional and Managerial skills

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<u>**Semester I**</u>

COURSE CODE: ML-101

COURSE TITLE: Knowledge and Communication (Theory)

CO1 - Understand the concept of data information and knowledge, its attributes and information generation.

CO2 - To know about the Communication process and its different models and channels.

CO3 – T o able to know the concept of Knowledge Management and its different models.

CO4 - T o able to extend their knowledge about the role of the nation in information policies.

COURSE CODE: - ML-102

COURSE TITLE: - Information Processing and Retrieval (Theory)

CO1 – To know about the different Information Retrieval systems, design of IRS and its evaluations.

CO2 – To understand the Standards in Bibliographic Record format that are used in libraries;

CO3 – To able to identify the Indexing service search techniques and strategy.

CO4 - To understand the searching techniques helpful in retrieving the information effectively and efficiently.

COURSE CODE: ML-103

COURSE TITLE: Marketing Of Information Products and Services (Theory)

CO1 – To make the required information reach a larger audience in accessible and usable form.

CO2 - To develop vibrant professionals for the information marketing and optimum utilization of information resources.

CO3 - To make intensive use of information in a wide range of development activities.

CO4 - Enable students to assess information user needs.

CO5 - Inculcate the skills of information analysis, evaluation, synthesis, packaging and repackaging of information products.

CO6 - Define the process of information consolidation and describe its role and potential benefits in satisfying information needs of users.

COURSE CODE: ML-104

COURSE TITLE: Information Systems and Programme (Theory)

CO1 - Understand the functioning and usefulness of Information systems.

CO2 - Provide the services to the users by using national and international information centers and systems.

CO3 - They will be able to use National and International Information Systems and Services rendered by prestigious institutes.

COURSE CODE: ML-105

COURSE TITLE: Knowledge Organization and Information Processing: Practice-1 (AACR-2) (Theory)

CO1 - Able to catalogue the reading material as books and periodical according to AACR2R.

CO2 - Besides they will be abreast to catalogue non book material.

CO3 - They will also be exposed and learn the modern technology of Machine-readable catalogue (MARC -21 R).

COURSE CODE: ML-106(a)

COURSE TITLE: Digital Library (Theory)

CO1-After studying this course the students will be up-to-date of the techniques of digitization of the reading material.

CO2-The modern concept of converting traditional library into Digital Library will help the students to a great extent.

CO3-The Students will be able to use the digital library.

Semester II

COURSE CODE: ML-201

COURSE TITLE: Application of Information Technology (Theory)

CO1 - Understand the concept of data information and knowledge, its attributes and information generation.

CO2 - Will be able to extend their knowledge about the role of the nation in information

policies.

CO3 - Will be able to know the concept of Knowledge Management and its different models.

COURSE CODE: ML-202

COURSE TITLE: Application of Information Technology (Practice)

CO1 - Install and use library software and besides he/she will be able to design websites /blog content management software and LMS (SOUL).

CO2 - Understand the practical aspect and knowledge of remote access tools and advance search/federated search.

COURSE CODE: Ml-203

COURSE TITLE: Research Methods and Statistical Techniques (Theory)

CO1 - Familiarize with the process of research and different research methods.

CO2 - Develop the skills for quantitative data analysis and consolidation.

CO3 - Write cohesive and succinct reports.

CO4 - Understand research Techniques & tools, style manuals and Reference management software.

COURSE CODE: ML-204

COURSE TITLE: Information and Scientometrics (Theory)

CO1 - Be familiar with the concept of bibliometric, informatics, scientometrics, Journal Impact factor, cyber metrics, web metrics 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, theory and laws etc.

CO4 - Apply qualitative as well as quantitative techniques in library and information science.

CO5 - The courses focus on new trends in research perspective as Journal Impact factor, utility of bibliometric, informatics laws, and cyber metrics laws. Information science and its features and relation with other subjects.

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COURSE CODE: ML-205

COURSE TITLE: Knowledge Organization and Information Processing: Practice II (UDC 3rd Ed.1961) (Practice)

CO1 - Able to classify depth subjects in special libraries and institutes by using Universal Decimal Classification This scheme. Course will also make them efficient, to use and classify complex subjects.

COURSE CODE: ML-206

COURSE TITLE: Internship (Project)

CO1 - Each student shall have to undergo an internship of 30 days.