

SEC 1

Dissertation

Course Title & Code	Credits	Credit Distribution of the Course			Eligibility Criteria	Pre-Requisite of the Course (if any)
		Lecture	Tutorial	Practical/ Practice		
SEC 2: Dissertation	4	2	0	2	BLISc	-

Course Objectives

The course is designed to enhance student's ability to identify and formulate research problems in Library and Information Science. It aims to equip them with the skills needed to create well-structured research proposals that include clear objectives, research questions, and hypotheses. The course also trains the students to conduct systematic literature reviews and identify research gaps. It also provides knowledge of suitable research methods and techniques for data collection and analysis. Furthermore, the course focuses on developing competencies in academic writing, proper citation practices, and ethical research conduct. Finally, it prepares students for effective dissertation writing and presentations.

Learning Outcomes

After completing this course, students will be able to:

- ☞ Formulate research problems, objectives, and hypotheses in LIS.
- ☞ Conduct a systematic literature review and identify research gaps.
- ☞ Apply suitable research methods, sampling techniques, and data collection tools.
- ☞ Analyze and interpret data using statistical techniques and software.
- ☞ Prepare a structured dissertation following academic writing standards.

- ☞ Use proper citation methods and plagiarism detection tools ethically.
- ☞ Effectively present and defend research findings during the Viva Voce exam.

UNIT I: Research Design and Proposal Development

- ☞ Identification and formulation of research problems in Library and Information Science
- ☞ Formulation of research objectives, research questions, and hypotheses
- ☞ Scope, significance, and limitations of the study
- ☞ Preparation of a research proposal, including planning and timeline

UNIT II: Literature Review and Research Gap

- ☞ Purpose and importance of literature review
- ☞ Identification of sources: print, digital databases, and open access resources
- ☞ Literature search strategies using keywords and Boolean operators
- ☞ Use of citation and reference management tools
- ☞ Conducting a systematic literature review
- ☞ Critical analysis and synthesis of literature
- ☞ Identification of research gaps

UNIT III: Research Methodology and Data Analysis

- ☞ Selection of research methods: qualitative, quantitative, and mixed methods
- ☞ Sampling techniques and sample design
- ☞ Methods of primary and secondary data collection
- ☞ Data collection tools (questionnaires, interview schedules, checklists)
- ☞ Data processing: coding, classification, and tabulation
- ☞ Application of statistical techniques
- ☞ Use of data analysis software

UNIT IV: Dissertation Writing

- ☞ Structure and organization of the dissertation
- ☞ Interpretation and presentation of data using tables and figures
- ☞ Use of standard citation styles and academic writing tools
- ☞ Use of plagiarism detection tools
- ☞ Preparation and submission of the final dissertation

Essential Readings

- ☞ BOOTH (A), SUTTON(A), and PAPAIOANNOU (D). Systematic approaches to a successful literature review (3rd ed.). Sage Publications Limited.2022.
- ☞ CONNAWAY (L S) and RADFOR (M L). Research methods in library and information science. Bloomsbury. 2021.
- ☞ CRESWELL (J W) and CRESWELL (J D). Research design: qualitative, quantitative, and mixed methods approaches(5th ed.). Sage Publications. 2017.
- ☞ KOTHARI (C R). Research methodology: Methods and techniques (4th ed.). New Age International Publishers. 2020.
- ☞ KUMAR (R). Research methodology: a step-by-step guide for beginners (3rd edition). New Delhi: Sage. 2011.
- ☞ SINGH (Y K). Fundamental research methodology and statistics. New Delhi: New Age Publishers. 2006.

Suggested Readings

- ☞ MCMILLAN (K) and WEYERS (J). How to write dissertations & project reports. Prentice Hall. 2021.
- ☞ UNIVERSITY GRANTS COMMISSION. UGC (Promotion of Academic Integrity and Prevention of Plagiarism in Higher Educational Institutions) Regulations, 2018. UGC. 2018.Available at: https://www.ugc.gov.in/pdfnews/7771545_academic-integrity-Regulation2018.pdf