



Annexure – I

Paper –II
Paper Code: Ph.D.-102
**Research Methodology, Research Ethics &
Computer Application**
[4 Credits]

Full Marks : 100

Passing Marks : 55

I. Introduction

This course is designed to equip scholars with a comprehensive understanding of legal research methodology, ethical research practices, and the use of computer applications in academic work. It introduces the conceptual foundations of research, procedural aspects of conducting legal research, academic writing standards, and the responsible use of digital tools. Emphasis is placed on research integrity, publication ethics, and the prevention of academic misconduct in the contemporary research environment.

II. Course Objectives

- To introduce the fundamental principles and objectives of legal research.
- To develop skills in designing and conducting doctrinal and empirical legal research.
- To train scholars in academic writing, citation methods, and research documentation.
- To familiarize students with computer applications and digital tools used in legal research.
- To promote awareness of research ethics, publication standards, and academic integrity.

III. Course Outcomes

Upon successful completion of this course, students will be able to:

- Understand and apply different methods of legal research.
- Formulate research problems and prepare effective research designs.
- Conduct literature review, collect and analyze data, and test hypotheses.
- Use computer applications and online tools efficiently for legal research.
- Follow proper citation practices and avoid plagiarism.
- Demonstrate adherence to research ethics and publication standards.



IV. Course Structure And Recommended Readings

Unit I: Fundamentals of Legal Research

Meaning, Object, and Criteria of Research

Importance of Research

Types of Research: Doctrinal and Non-Doctrinal

Legal Research in India: Problems and Challenges

Formulation of Research Problem

References / Recommended Readings

- C.R. Kothari, Research Methodology: Methods and Techniques
- S.K. Verma & M. Afzal Wani, Legal Research and Methodology
- William J. Grade & Paul K. Hatt, Methods in Social Research

Unit II: Research Methodology and Writing

Research Methodology: Procedural Guidelines for Research Process

Survey of Literature and Working Hypothesis

Preparation of Research Design, Sample Determination, Data Collection, and Analysis

Testing of Hypothesis and Review of Literature

Writing Research Papers: Structure, Layout, and Chapterization

Citation Methods: Footnotes, Bibliography, Abbreviations, and Use of Quotations

References / Recommended Readings

- John W. Creswell, Research Design: Qualitative, Quantitative and Mixed Methods Approaches
- Upendra Baxi, Socio-Legal Research in India
- The Bluebook: A Uniform System of Citation / OSCOLA Citation Guide

Unit III: Computer Applications in Legal Research

Word Processing, Data Processing, and Graphical Processing

Use of Online Research Tools and Legal Databases

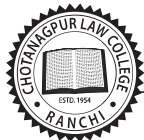
Application of Excel, SPSS, and Graphical Software

Use of Multimedia Tools in Legal Research

Citation Management Software and Plagiarism Detection Tools

References / Recommended Readings

- Eugene Volokh, Academic Legal Writing
- Guides on SCC Online, Manupatra, HeinOnline, and JSTOR
- Turnitin & Urkund User Manuals (for academic use)



Unit IV: Research Ethics and Publication Standards

Research Ethics: Intellectual Honesty and Research Integrity

Scientific Misconduct: Falsification, Fabrication, and Plagiarism (FFP)

Redundant Publication: Duplication, Overlapping Publication, and

Salami Slicing Selective Reporting and Misrepresentation of Data

Publication Ethics: Concept, Importance, and Best Practices

Authorship Ethics, Contributorship, and Conflicts of Interest

Guidelines by COPE, WAME, and Other International Bodies

Identifying Predatory Publishers and Journals

Avoiding Plagiarism: Use of Detection Tools

Preparation of Academic Documents: MoUs and Confidentiality Agreements

References / Recommended Readings

- Committee on Publication Ethics (COPE) Guidelines
- WAME (World Association of Medical Editors) Publication Ethics Policies
- UGC Regulations on Academic Integrity and Prevention of Plagiarism
- Elsevier & Springer Publication Ethics Guidelines



Paper –III

Paper Code: Ph.D.-103

RESEARCH PROPOSAL -PREPARATION, PRESENTATION & VIVA-VOCE

[Total Credits: 4]

(2 Credits for Preparation & Presentation + 2 Credits for Viva-Voce)

Full Marks: 100

Passing Marks: 55

I. Introduction

This course is designed to train research scholars in the systematic preparation, effective presentation, and academic defense of their research proposals. It focuses on developing clarity of research design, articulation of research gaps, methodological planning, and ethical awareness. The course also enhances scholars' academic communication skills and prepares them to confidently defend their research before an expert panel through viva-voce examination.

II. Course Objectives

- To enable scholars to identify and formulate clear and researchable problems.
- To develop the ability to prepare a structured and methodologically sound research proposal.
- To enhance academic presentation and scholarly communication skills.
- To prepare scholars for critical academic discussions and expert evaluation.
- To ensure understanding of research ethics, academic integrity, and plagiarism norms.

III. Course Outcomes

Upon successful completion of this course, scholars will be able to:

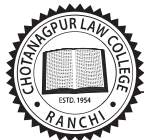
- Develop a well-structured and logically framed research proposal.
- Conducts focused literature review and identify research gaps.
- Formulate research questions, hypotheses, and appropriate methodology.
- Deliver clear and professional academic presentations.
- Confidently defend their research proposal during viva-voce.
- Demonstrate awareness of ethical standards in academic research.

IV. Course Structure And Recommended Readings

Unit I: Research Proposal Preparation

Understanding Research Problems and Objectives

Review of Literature and Identification of Research Gaps



Formulation of Research Hypothesis and Research Questions
Structuring a Research Proposal: Objectives, Scope, and Methodology
Citation Methods and Referencing Styles
Ethical Considerations in Research

References / Recommended Readings

- C.R. Kothari, Research Methodology: Methods and Techniques
- John W. Creswell, Research Design: Qualitative, Quantitative and Mixed Methods Approaches
- S.K. Verma & M. Afzal Wani, Legal Research and Methodology
- The Bluebook / OSCOLA Citation Guide
- UGC Regulations on Academic Integrity and Prevention of Plagiarism

Unit II : Presentation of Research Proposal

Techniques for Effective Academic Presentation
Use of Visual Aids: PowerPoint, Graphs, and Charts
Communication and Public Speaking Skills
Handling Questions and Academic Discussions
Time Management and Structuring a Research Presentation

References / Recommended Readings

- Mark Z. Danielewski, Presenting Your Research Effectively
- Garr Reynolds, Presentation Zen
- Guides on Academic Communication Skills and Conference Presentations

Unit III: Viva-Voce Examination

Defense of Research Proposal and Methodology
Critical Analysis and Justification of Research Topic
Demonstration of Theoretical and Practical Knowledge
Ability to Respond to Critical Evaluation and Questions
Understanding of Research Ethics, Plagiarism, and Academic Integrity

References / Recommended Readings

- Eugene Volokh, Academic Legal Writing
- COPE (Committee on Publication Ethics) Guidelines
- Institutional Ph.D. Regulations and Viva-Voce Guidelines