

GURU KASHI UNIVERSITY



Doctor of Philosophy

Session: 2025-26

Faculty of Law

	Program Structure									
S.No	Course Code	Course Title	Course Type	L	T	P	Credits	Int.	Ext.	Total Marks
1	PPH105	Research Methodology	Core	4	0	0	4	30	70	100
2	PPH102	Research and Publication Ethics	Core	2	0	0	2	30	70	100
3	PPH133	Emerging Trends in Legal Studies	Core	4	0	0	4	30	70	100
4	PPH104	Computer Applications in Research	Skill Based	0	0	4	2	30	70	100
	Total						12	120	280	400

Course Title: Research Methodology

Course Code: PPH105

L	T	P	Credits
4	0	0	4

Total Hrs. 60

Learning Outcomes

On successful completion of this course, the students will be able to

1. Discuss the various kinds of research, objectives, hypothesis and research process, and sampling.
2. Demonstrate the research design and methods needed in the field study.
3. Examine the various research papers, policy papers and reports of Social Science.
4. Formulate the charts, tables and graphs, commonly found in Social Sciences.

Course Content

Unit-I

13 Hours

1. Research in Social Sciences: Meaning, Nature and Problems
2. Methods of Research in Social Sciences

Unit-II

17 Hours

3. Research Design: Meaning, Types and Steps involved in the formulation of Research Design.
4. Techniques and Methods of data collection: Observation, Interview, Questionnaire and Schedule, Case Study, Historical, Experimental, Survey Method and Likertscale, Semantic scale.

Unit- III

16 Hours

5. Sampling Techniques: Probability and Non-probability methods. Qualities of

a Good Sample

6. Testing of Hypotheses, Methods of data analysis: Analysis of quantitative data and its presentation with tables, graphs etc, measures of central tendency, dispersion.

Unit-IV

14 Hours

7. Research and Academic Integrity: Copyright issues, Objectivity and Plagiarism in research
8. Report writing and Thesis Writing.

Transaction Mode

- Group Discussion, Quiz, Open Talk, One minute presentation, Assignment

Suggested Readings

- Montgomery, D. C & Kowalski, S. M. (2007) *.Design and Analysis of Experiments*, Hoboken, New Jersey: John Wiley and Son.
- Kothari, C.K. (2004). *Research Methodology: Methods and Techniques*, New Delhi: New Age International Publication.
- Krishnaswamy, K N, Sivakumar, AI & Mathirajan, M. (2005) *.Research Methodology: Integration of Principles, Methods and Techniques*, New Delhi: Pearson Education.
- Chawla, Deepak & Sondhi, Neena. (2002). *Research Methodology Concepts and Cases*, New Delhi: Vikas Publishing House Pvt Ltd.
- Panneerselvam, R. (1998). *Research Methodology*, New Delhi: PHI Publication.
- Cooper, D. R., Schindler, P. S. (2016). *Business Research Methods*, New York: Tata McGraw Hill.
- Gupta, S. P. (2021) *Statistical Methods*, Delhi: Sultan Chand & Sons Publication (Forty Sixth Revised Edition).
- Ronald, E. Walpole.(2017) *.Probability and Statistics for Engineers and Scientists* (9th ed), Boston: Pearson Publication. Babbie, Earl(2010): *The Practice of Social Research*,12th ed., Belmont: Wadsworth.
- Bryman, Alan (2012): *Social Research Methods*, 4th ed., Oxford: Oxford University Press.

- Bryman, Alan, (2018), *Social Research Methods*, (5thed.). New Delhi : Oxford University Press.
- Della Porta, Donatella and Michael Keating (2008): —How Many Approaches in the Social Sciences? An Epistemological Introduction, in: Donatella Della Porta and Michael Keating(eds.), *Approaches and Methodologies in the Social Sciences*, Cambridge : Cambridge University Press.
- Denzin, Norman and Yvonna Lincoln (2013): —*Introduction: The Discipline and Practice of Qualitative Research*, in Norman Denzin and Yvonna Lincoln, *Collecting and Interpreting Qualitative Materials*, London: Sage.
- Giri, Arunangshu, Biswas, Debasish, (2019), *Research Methodology For Social Sciences*, New Delhi: Sage Publications India Pvt Ltd.
- Kumar, Ranjit, (2019), *Research Methodology: A Step-By-Step Guide For Beginners*, (5thed.). New Delhi: Sage Publications Asia-Pacific Ltd.
- Lune, Howard, Berg, Bruce, L.(2017), *Qualitative Research Methods For Social Sciences*, (9thed.).Pearson India.
- Neuman, W. Lawrence, (2014), *Social Research Methods: Qualitative and Quantitative Approaches*, (7thed.).U.S.A: Pearson Education Limited.
- Gupta, S.C. and Kumar, V. (2020), *Fundamentals of Mathematical Statistics*. Sultan Chand and Sons.

Course Title: Research and Publication Ethics

Course Code: PPH102

L	T	P	Credits
2	0	0	2

Total Hours 30

Learning Outcomes

On the completion of the course the students will be able to

1. To have awareness about the publication ethics and publication misconducts.
2. To understand indexing and citation databases, open access publications, research metrics (citations, h-index, impact factor etc)
3. Develop hands-on skills to identify research misconduct and predatory publications.

Course Content

- **RPE 01: PHILOSOPHY AND ETHICS (3 Hrs.)**

1. Introduction to philosophy: definition, nature and scope, concept, branches
2. Ethics: definition, moral philosophy, nature of moral judgements and reactions

- **RPE 02: SCIENTIFIC CONDUCT (5 Hrs.)**

1. Ethics with respect to science and research
2. Intellectual honesty and research integrity
3. Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
4. Redundant publications: duplicate and overlapping publications, salami slicing
5. Selective reporting and misrepresentation of data

- **RPE 03: PUBLICATION ETHICS (7 Hrs.)**

1. Publication ethics: definition, introduction and importance
2. Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
3. Conflicts of interest
4. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
5. Violation of publication ethics, authorship and contributorship
6. Identification of publication misconduct, complaints and appeals
7. Predatory publishers and journals

PRACTICE

- **RPE 04: OPEN ACCESS PUBLISHING (4 Hrs.)**

1. Open access publications and initiatives
2. SHERPA/ROMEO online resource to check publisher copyright & self archiving policies
3. Software tool to identify predatory publications developed by SPPU
4. Journal finder / journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.

- **RPE 05: PUBLICATION MISCONDUCT (4 Hrs.)**
 - A. Group Discussions (2 hrs.)**
 1. Subject specific ethical issues, FFP, authorship
 2. Conflicts of interest
 3. Complaints and appeals: examples and fraud from India and abroad
 - B. Software tools (2 hrs.)**

Use of plagiarism software like Turnitin, Urkund and other open source software tools
- **RPE 06: DATABASES AND RESEARCH METRICS (7 Hrs.)**
 - A. Databases (4 hrs.)**
 1. Indexing databases
 2. Citation databases: Web of Science, Scopus etc.
 - B. Research Metrics (3 hrs.)**
 1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score
 2. Metrics: h-index, g-index, i10 index, altmetrics

Suggested Readings

1. Bird, A. (2006). Philosophy of Science. Routledge.
2. MacIntyre, A. (1967) A Short History of Ethics. London.
3. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN:978-9387480865
4. National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition. National Academies Press.
5. Rensik, D. B. (2011). What is ethics in research & why is it important. National Institute of Environmental Health Sciences, 1-10. Retrieved from <https://www.niehs.nih.gov/resources/bioethics/whatis/index.cfm>
6. Beall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. <https://doi.org/10.1038/489179a>

Course: Computer Applications in Research
Course Code: PPH104

Credit: 4

L	T	P	Credits
0	0	4	2

Learning Outcomes

Total Hours 30

On the completion of the course the students will be able to

1. The students will become familiar with the usage of software for managing the reference.
2. To make literature reviews easily.
3. To make reference management by using open software.

Unit 1

06 Hours

MS Word Essentials- Create a document with styled headings and subheadings, Add headers, footers, and page numbers, Adjust page layout settings (margins, orientation, page size).

Table Creation and Management- Insert, format, and style tables, Adjust cell size, merge/split cells, and sort/filter data.

Working with Graphics- Insert and format images, shapes, SmartArt, and text boxes, Apply text wrapping around objects.

Unit 2

08 Hours

Basics of PowerPoint- Slide layouts, themes, and templates, Adding multimedia: Images, audio, and videos.

Advanced Techniques- Animations and transitions for visual effects, Slide master for consistent formatting, Interactive elements: Hyperlinks and action buttons.

Design Best Practices- Typography, color schemes, and visual hierarchy, Tips for engaging presentations.

Unit 3

08 Hours

Introduction to Mendeley- Installing and setting up Mendeley Desktop and Web, Importing references from various sources.

Organizing References- Creating folders and tagging references, Annotating and highlighting PDFs.

Citations and Bibliography- Integrating Mendeley with MS Word, using citation styles (APA, MLA, Chicago), Generating a bibliography automatically.

Unit 4

08 Hours

AI Tools for Productivity- Text-Based AI Tools (e.g., ChatGPT) Writing assistance, summarization, and brainstorming, Grammar and style checking, Image and Design Tools, Speech and Audio Tools

Suggested Readings

- 1) Office 2007 in Simple Steps, Kogent Solutions, (Wiley Publishers).
- 2) MS-Office 2007 Training Guide, S. Jain (BPB Publications).
- 3) Computer Fundamentals by P.K. Sinha (BPB Publications).
- 4) <https://www.mendeley.com/reference-management/reference-manager>
- 5) <https://chat.openai.com>
- 6) <https://edu.google.com/workspace-for-education/classroom/>

Course Title: Emerging Trends in Legal Studies

Course Code:PPH133

L	T	P	Credits
4	0	0	4

Total Hours:- 60

Course Outcomes: On successful completion of this course, the students will able to:

CO	Statement
CO1	Critically evaluate evolving constitutional principles, focusing on digital governance and judicial accountability.
CO2	Analyze gender justice and emerging challenges in family law, including the Uniform Civil Code.
CO3	Assess the impact of AI on legal systems, addressing ethical and regulatory challenges.
CO4	Examine AI-driven innovations in IPR and its integration into ADR mechanisms.

Course Content

UNIT-I Philosophy of India's Constitutional Law

15 Hours

Evolution and Interpretation of Constitutional

Principles

Preamble, Fundamental Rights, Directive Principles of State Policy, and Fundamental Duties:
Contemporary Trends

Relevancy of Doctrine of Basic Structure in Contemporary India.

Comparative Constitutional Law: Global Perspectives on Federalism, Secularism, and Human Rights

Emerging Constitutional Issues

Constitutional Safeguards in the Era of Digital Governance (Data Privacy and Cybersecurity)

Judicial Accountability and Independence

UNIT-II Family Law

15 Hours

Contemporary Developments in Personal Laws

Uniform Civil Code: Prospects and Challenges

Emerging Issues in Matrimonial Disputes: Domestic Violence, Live-In Relationships, and Marital Rape

Gender Justice and Family Law

Role of Family Law in Ensuring Gender Equality

LGBTQ+ Rights in Family Law

UNIT-III Artificial Intelligence and Law

15 Hours

AI in Legal Systems

Role of AI in Legal Research and Judicial Decision-Making

AI and Legal Ethics: Accountability, Transparency, and Bias

Legal Challenges in Regulating AI

Liability in AI-Driven Systems

Data Protection and Privacy Issues

UNIT-IV Intellectual Property Rights (IPR), Alternative Dispute Resolution (ADR)

15 Hours

Intellectual Property Law

Emerging Trends in Patent Law: AI Generated Inventions

Copyright in the Digital Age: Challenges of Online Piracy and Plagiarism

Alternative Dispute Resolution Mechanisms

Online Dispute Resolution (ODR): Opportunities and Limitations

Integration of AI in ADR Processes

References: -

- Basu, D. D. (2019). *Introduction to the Constitution of India* (25th ed.). Gurgaon: LexisNexis.
- Agnes, F. (1999). *Law and Gender Inequality: The Politics of Women's Rights in India*. Oxford University Press.
- Paras Diwan, P. (2022). *Modern Hindu Law: Codified and Uncodified* (25th ed.). Allahabad Law Agency.
- Calo, R., Froomkin, A. M., & Kerr, I. (2016). *Robot Law*. Edward Elgar Publishing.
- Cornish, W. R., Llewelyn, D., & Aplin, T. (2019). *Intellectual Property: Patents, Copyright, Trade Marks, and Allied Rights* (9th ed.). Sweet & Maxwell.

Web links:-

<https://legislative.gov.in/constitution-of-india>

<https://indiankanoon.org/>

<https://legislative.gov.in/>

<https://nyaaya.org/family-law/>

<https://www.unicri.it/news/artificial-intelligence-and-robotics>

https://www.europarl.europa.eu/RegData/etudes/STUD/2020/634452/EPRS_STU%282020%29634452_EN.pdf

https://www.wipo.int/tech_trends/en/

<https://dpiit.gov.in/intellectual-property-rs>

<https://www.niti.gov.in/sites/default/files/2021-01/ODR-report-NITI.pdf>

<https://www.barandbench.com/>