

Department of Philosophy
University of Jammu

Ph.D. Course Work: Research Methodology

Syllabus

Unit 1: Introduction to Research Methodology

- 1.1 Research: Meaning, Nature and Scope
- 1.2 Significance of Research
- 1.3 Research Process: Step of Research Process
- 1.4 Hypothesis & Its Function

Unit 2: Research Techniques and Referencing Style

- 2.1 Qualitative and Quantitative
- 2.2 International Transliteration Scheme
- 2.3 Research Design for Synopsis and Thesis Writing
- 2.4 Reference and Citation Style

Unit 3: Philosophical Research Method (Indian)

- 3.1 Upaniṣadic Methods of Dialogues; Mīmāṃsā Rules of Interpretation
- 3.2 Uddeśa, Lakṣaṇa and Parīkṣā; Nyāya Ways of Argumentation: Anumāna, Vāda, Jalpa, Vitandā, Chala, Jāti, and Nigraha-sthāna
- 3.3 The Vedantic techniques of Adhyāropa and Apavāda; Tat-padārtha śodhana vidhi and tvam-padārtha śodhana vidhi
- 3.4 Dialogical Method of Buddhist Canonical Study: Vyākaraṇa vidhi, Saṃvāda-vidhi, Mañjjhimā-vidhi, Paripicchā vidhi, Prasāṅga-vidhi; and Upāya Kauśalya

Unit 4: Philosophical Research Method (Western)

- 4.1 Elenctic Method, Dialectical Method, Skeptical Method and Critical Method
- 4.2 Method of Intuition, Method of Analysis and Pragmatic Method
- 4.3 Hermeneutical Method and Phenomenological Method
- 4.4 Methods of Structuralism, Post-Structuralism, and Deconstructionism

References

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- 2. Dr Shanti Bhushan Mishra and Dr Alok Shashi: Handbook of Research Methodology: A Compendium for Scholars and Researchers, Educreation

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Course structure

- The course comprises of six modules listed in table below. Each module has 4-5 units.

Modules	Unit title	Teaching hours
Theory		4
RPE 01	Philosophy and Ethics	4
RPE 02	Scientific Conduct	7
RPE 03	Publication Ethics	4
Practice		4
RPE 04	Open Access Publishing	4
RPE 05	Publication Misconduct	7
RPE 06	Databases and Research Metrics	30
	Total	

Syllabus in detail

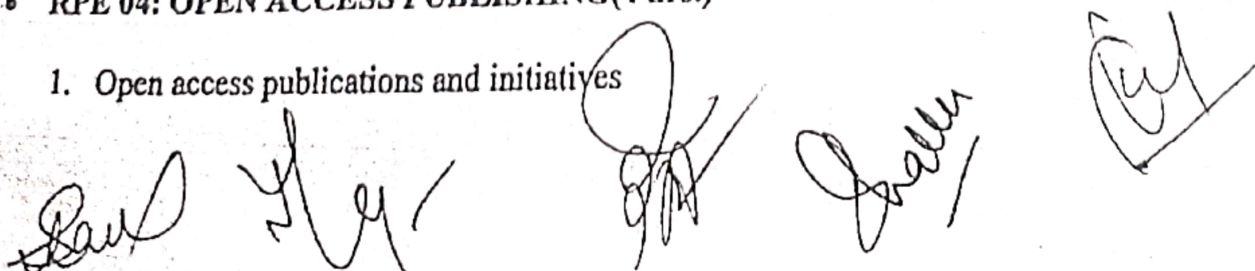
THEORY

- RPE 01: PHILOSOPHY AND ETHICS (3 hrs.)**
 - Introduction to philosophy: definition, nature and scope, concept, branches
 - Ethics: definition, moral philosophy, nature of moral judgements and reactions
- RPE 02: SCIENTIFIC CONDUCT (5hrs.)**
 - Ethics with respect to science and research
 - Intellectual honesty and research integrity
 - Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP)
 - Redundant publications: duplicate and overlapping publications, salami slicing
 - Selective reporting and misrepresentation of data
- RPE 03: PUBLICATION ETHICS (7 hrs.)**
 - Publication ethics: definition, introduction and importance
 - Best practices / standards setting initiatives and guidelines: COPE, WAME, etc.
 - Conflicts of interest
 - Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types
 - Violation of publication ethics, authorship and contributorship
 - Identification of publication misconduct, complaints and appeals
 - Predatory publishers and journals

PRACTICE

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

- 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 (4hrs.)**

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 (7hrs.)**

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

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