



P.G. Department of Sanskrit
Utkal University, Vani Vihar, Bhubaneswar-4

Pre- Ph.D. Course Work in Sanskrit
Syllabus: 2021

There shall be four papers carrying 100 Marks each.

PAPER- I: RESEARCH METHODOLOGY -100 Marks

Unit - 1 The Meaning, Importance, Characteristics and Objectives of Research, Types of Research, Qualifications of a Researcher.

Unit - 2 Selection of the Specific Problem, Collection of Research Materials, Tools of Research and techniques of data collection, Modern trends to facilitate the formulation of the Problem.

Unit – 3 Research Proposal and its Evaluation, Outlines of Research Design, Formal Constituents of a Thesis, Documentation - preparation of Bibliography, Footnotes etc.. Use of Diacritical Marks and procedure of proof correction.

Unit - 4 Major Research Projects and Institutions of Indological Research in India and abroad, Major Sanskrit Journals and Magazines.

Unit - 5 Preparation of a Research Paper, Preparation of Synopsis of the Thesis, Salient Features and necessity of Pre-submission of Thesis.

Paper-II Research & Publication Ethics (RPE)

Unit I: PHILOSOPHY AND ETHICS (3 hrs.)

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

Unit II: SCIENTIFIC CONDUCT (5hrs.)

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

Unit III: 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

Unit IV: OPEN ACCESS PUBLISHING & PUBLICATION MISCONDUCT (6 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.

5. Use of plagiarism software like Turnitin, Urkund and other open source software tools

Unit V: 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, and Cite Score

2. Metrics: h-index, g index, i10 index, altmetrics.

PAPER – III : COMPUTER APPLICATION RELEVANT TO SANSKRIT RESEARCH – 100 Marks

Unit - 1 M.S. Office Word, Power Point, Excel, Use of Internet

Unit – 2 Computer Application to Manuscripts

Unit - 3 Sanskrit DTP Including knowledge of Sanskrit Fonts

Unit – 4 Use of Diacritical marks and Proof correction

Unit – 5 Computing Bibliographical Data, Foot Notes, Indexing, Synoptical contents, Data entry etc.

PAPER - IV : RESEARCH PAPER AND PROJECT WORK - 100 Marks

Unit - 1 Preparation of a Research Paper – 20 Marks

Unit – 2 Presentation of a Research paper – 20 Marks

Unit – 3 Each candidate would be required to prepare a Review of Literature related to the broad topic of research – 30 Marks

Unit – 4 and 5 Besides the essay on review of literature, the candidate would be required to make a presentation before the SRC – 30 Marks.

Books for Reference -

1- Acharya, Satya Narayan, Samskrta – sodha-pravidhih (in Sanskrit), Puri, Odisha, 2005

2- Anderson & others. Thesis and Assignment Writing, 2nd Edition - 1977

3- Bedekar, V.H., How to write Assignments, Research Papers, Dissertations and Theses, Kanak Publications, New Delhi, India, 1982

4- Bharati, H.L.N. , An Introduction to Indian Textual Criticism and Book publishing, CIIL, Mysore, 1988

- 5- Dasgupta, S(Ed.) Methodology of Social Research in India, Implex India, New Delhi, 1967
- 6- Dash, Keshab Chandra, Elements of Research Methodology in Sanskrit, The kashi Sanskrit Series 281, Chaukhamba Sanskrit Sansthan, Varanasi .
- 7- Katre, S.M. , Introduction to Indian Textual Criticism, 2nd Edition, 1954, Reprint - 1981
- 8- Laktos Imre. The Methodology of Scientific Research Programmes, Cambridge University Press, New Delhi, 1987
- 9- Mail, K and Pancholi A.L., The Fundamentals of Research Methodology, Publication Scheme, Jaipur, 1988.
- 10- Nagendra. (Translation- Mishra Harshanath), Anusandhanasya Pravidhi – prakriya (in Sanskrit), Rashtriya Sanskrit Sansthanam, New Delhi.
- 11 - Savory, T.H. , The Art of Translation .
- 12- Shivaganasha Murthy, R.S. , Introduction to Manuscriptlogy, Sharada Publishing House, Delhi, 1996.
- 13- Sravanlal, P., Research Methodology, Kitab Mahal, Allahbad, 1987.
- 14- Sukhia, S.P., Elements of Educational Research, Allied Publishers Pvt. Limited, New Delhi, 1983.
- 15- Tripathi, Bhagirathi Prasad. , Anusandhana-paddhati (in Sanskrit), In Upadhyaya, Baladeva et al (Eds), The Sarasvati susama: Journal of the Sampurnanda Samkrta Vishvavidyalaya, (Shodhavisestankah), 23:2, Varanasi, Vikrama Samvat 2015, pp. 161-190
- 16- Tripathi, Bhagirathi Prasad. “Anusandhana-paddhati” (in Sanskrit), In Upadhyaya, Baladeva et al (Eds), The Sarasvati susama: Journal of the Sampurnanda Samkrta Vishvavidyalaya, (Shodha-visestankah), 23:2, Varanasi, Vikrama Samvat 2025, pp. 203-222
- 17- The Art of Translaitun - a Symposium, Published by Ministry of Scientific Research & Cultura! Affairs, Govt. of India, New Delhi 1962.
- 18- The MLA Style Sheet, 2nd Edition, May 1970.
- 19- The Sambhavana (Sodha Visestanka), Journal of the Hindi Department of Kuruksetra University, kuruksetra , 3:5-6.
- 20 - Zahoda M.et al. E-Research Methods in Social Relations, Methuen & Co., London, 1967.
21. Bird, A. (2006). Philosophy of Science. Routledge.
22. MacIntyre, Alasdair (1967) A Short Histoo, of Ethics. London.
23. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN: 978- 9387480865
24. 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.
25. Resnik, 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/research/resources/bioethics/whatisindex.cfm>
26. Beall, J. (2012). Predatory publishers are corrupting open access. Nature, 489(7415), 179-179. <https://doi.org/10.1038/489179a>

27. Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019), ISBN:978-81-939482-1-7. <http://www.insaindia.res.in/pdf/Ethics Book.pdf>

1. Prof. Dr. Subash Chandra Dash, HOD and Chairman, DRC

2. Dr. Braja Sundar Mishra

3- Dr. Manoranjan Senapaty

4. Dr. Niranjana Sabar

5. Dr. Dharmendra Das
