

**Year of Introduction:** 2021-22

**Course Objective:**

The primary objective of the course is to develop understanding of the basic concepts of research process. This course aims to train Sanskrit research scholars to find out answers to the research questions through the application of scientific methods, procedures, tools etc. Training is given to get hands on experience to learn about tools used in current research field, and update the Sanskrit research to compete with the world knowledge systems.

**Course Outcomes:**

1. Capable to select a rationale research topic, and critically analyze research problems
2. Formulate a research proposal
3. Survey the relevant literature
4. Formulate and evaluate research questions
5. To get experience in different tools of research
6. Hands on experience in good practices of research

**Unit: I**

Introduction to research, Objectives, Motivation in Research, Various branches of research held in Sanskrit studies, Research out line, Rationale in selecting the topic, Defining the research topic, and review on related research works

**Unit: II**

Review of Literature in Sanskrit, data collection, tools and technics used in data collection, effective research practices, methods in effective research writing, formulating research hypothesis, research ethics, plagiarism, transliteration, and International Alphabet of Sanskrit transliteration Schema (IAST)

**Unit: III**

Scopus, Web of Science, UGC CARE, Process of finding research journals in the related subject area, Building good SCOPUS profile, Impact of publishing research papers in predatory journals and delisted journals on SCOPUS profile, and Impact of publishing SCOPUS research articles out of scope in the irrelevant research area and journals

**Unit: IV**

Introduction to Latex, Writing Thesis in LateX, Writing research articles in LateX, Reference management in Mendeley and Zotero, Creating ORCID ID, what is H. Index, Impact facture, Cite score, Scimago journal and Country rank

**Unit: V**

Introduction to Intellectual property, Patents, Process of Patent, Types of patents, Copyright, Open educational resources, Creative Common (CC) Licensing, Process to apply for CC

**References:**

1. Kothari, CR. (2004). *Research Methodology methods & Technics*. New Delhi: New AGE International Limited Publishers.
2. Dash, Keshab Chandra. (1992). *Elements of Research Methodology in Sanskrit*. Varanasi: Chaukhambha Sanskrit Sansthan.
3. Ramachandran, T.P. (1984). *The Methodology of Research in Philosophy*. Madras: Radhakrishnana Institute for Advanced Study in Philosophy, University of Madras.
4. Katre, S M (1954). *Introduction to Indian Textual Criticism*. Deccan College Hand Book Series 5. Poona: Deccan College.
5. Acharya, Sathyanarayana. (2005). *Samskr̥ta śodha pravidhiḥ*, Odisha: Publisher.
6. Sarma, K. V. (1993). *Research in Sanskrit*. Madras: KSRI.
7. Moorthy, C.L.N. (1991). *Research Trends in Sanskrit*. Trivandrum: CBH Publications.

**Activities/Content with direct bearing on Employability/ Entrepreneurship/ Skill development (based on NAAC Criteria):**

The course introduces to contemporary perspectives in Sanskrit studies' research and in particular focusing on a range of skills involved in formulating a research proposal to research scholars. The course also provides a proper road map to the research scholar to complete his/her research program successfully and educating them from the unwanted research practices.