



Hemchandracharya North Gujarat University, Patan

PH.D. COURSE WORK SYLLABUS

SUBJECT : SANSKRIT

Scheme & Course

Sr.	Paper	Nomenclature	Credits	Marks
1.	Paper-I - SAN-CW-101	Research Methodology	04	70+30
2.	Paper-II - SAN-CW-102	Introduction of Sanskrit Lit. and Survey of Related Researches	04	70+30
3.	Paper-III - SAN-CW-103	Computer Applications to the subject	04	70+30
4.	Paper-IV - SAN-CW-104	Review of published research in the relevant field	04	70+30
5.	Paper-V - SAN-CW-105	Comprehensive Viva	04	100

Notes:

1. The candidate has to obtain a minimum of 55% of marks or its equivalent grade points in aggregate in the course work in order to be eligible to continue in the Ph.D. programme.
2. If candidate obtains 'F' or 'Ab.' grade in the course/ subject. He/ she will be treated to have failed in that course. He/ She have to reappear in the examination in the next semester.

Introduction

Research can be defined as an activity that involves finding out, in a systematic way. To pursue a quality research, one must be well aware of the methodology involved in it. This Research Methodology course is designed for scholar intent in researching in the field of Sanskrit. The aim of this course is to familiarize the students with various aspects of Research Methodology. This will enable the students to organize and conduct research in an appropriate manner.

Course Objectives:

This course aims to train students for taking up systematic study and research in specific area of interest and acquaints them with the existing tools and techniques. Each student is expected to learn tools and techniques of the survey of Sanskrit researches in general. They should also be prepared to complete guidelines for refereneing, presentation skills, writing skills etc. For international communication, they will be taught transliteration and phonetic transcription.

Paper-I SAN-CW-101 Research methodology Credit-4 (70+30)

UNIT-1	Theoretical concepts of research
	1. Introduction, Objective and Types of Research 2. Various branches of Sanskrit Research and Area of Research like Veda, Vedang, Darshana, Linguistics, Itihas-Purana, Dharmashastra, Puratatva, Computational Linguistics, Sanskrit Literatures, Modern Sanskrit Literatures etc. 3. Review of Related Researches. 4. Outline of Research Work, Topic Selection and Writing Methods 5. Material Collection: Primary, Secondary and E-Resourcecs 6. Research Tools

UNIT-2	Literature Review
	1. Brief Introduction of Survey. 2. Techniques/Methods of Survey. 3. Tools and Techniques of Survey. 4. Step of the Survey.
UNIT-3	Methods of Translation
	Eight Methods of Translation with illustrations from respective disciplines. 1. Word-for-word translation. 2. Literal translation. 3. Faithful translation. 4. Semantic translation. 5. Adaptive translation. 6. Free translation. 7. Idiomatic translation. 8. Communicative translation. Practical Sessions of Translating Sanskrit Texts to English; English to Sanskrit.
UNIT-4	Referencing
	1. Needs of Referencing. 2. Step of Referencing. 3. How to make references. 4. Citation. 5. Citation in Text. 6. Various patterns of Citation in Text and Sample. 7. Various Software for Referencing. 8. Components of referencing, Book, Dictionary, Journal, Conference, News Paper, Magazine, Report, Government Publications, Thesis, Dissertation, Web pages, Internet Resources, Personal Communications (Written, oral and email), Lectures, Video, DVD, Films etc. 9. Introduction of Various Style Sheets of Referencing. 10. Detail Introduction of Above Style for Sanskrit. 11. Creation Methods of Reference List and Samples.
UNIT-5	Presentation and Writing Skill Development.
	Presentation 1. Important Points in Presentation. 2. Types of Presentation, Oral, Power Point Presentation. 3. Introduction of Microsoft Power Point. Writing Skill 1. Research Thesis/Dissertation Writing. 2. Research Article Writing. 3. Important Points of Research Article Writing. 4. Brief Introduction of Various Journal, Conferences etc. of Research Article.
Paper-II SAN-CW-102 Introduction of Sanskrit Lit. and Survey of Related Researches Credit-4 (70+30)	
	Course Objectives: This course aims to develop presentation and writing skill and project review methods
UNIT-1	General introduction to the major Sanskrit scriptures. Veda : Samhita, Brahmana, Aranyaka, Upanishad : Form and Introduction. Vedang : Siksha, Kalpa, Astrology, Grammar etc. Philosophy : Theist and Atheist Philosophy: Tattva Mimamsa, Pravaṇ Mimamsa and Jnana Mimamsa. Literature : nomenclature as well as 6-theory. Grammar : Structure of Ashtadhyayi, Word Form, Spelling and Word Continuity.
UNIT-2	Manuscript Science

	Manuscript Science General Introduction to Manuscript Science 1. Types of Manuscripts and Manuscript libraries: An overview 2. On Manuscript Catalogues - Sanskrit and Prakrit/Pali 3. Studies based on Manuscripts: Past, Present and Future Theoretical-cum-Practical Sessions: 1. Learning to read Grantha script. 2. Collation of manuscripts. 3. Preparation of Ur text. 4. Preparation of a critical edition.
UNIT-3	Navayanyanabhashapradeep Introduction to Navayanyanabhashapradeep
UNIT-4	Survey of research done on related research General introduction and extensive survey of research related to research topics. Various branches of Sanskrit Research and Area of Research like Veda, Vedang, Darshana, Linguistics, Itihas-Purana, Dharmashastra, Puratatva, Computational Linguistics, Sanskrit Literatures, Modern Sanskrit Literatures etc.
UNIT-5	Research Methods: Historical and Sociological Research Methods. Methods of Criticism from Sanskrit Sources. 1. Literary Criticism in Sanskrit: Some Principles. 2. Sanskrit Dramatic Criticism: Some Principles. 3. Linguistic and Philosophical Criticism: Some Principles Methods of Comparative Study from Sanskrit Sources 1. Method of Agreement. 2. Method of Difference. 3. Qualitative Comparative Analysis. 4. Case Selection and Research Designs. 5. Comparative Case-study analysis.

Reference Books:

1. Dash, Keshab Chandra. (1992). Elements of Research Methodology in Sanskrit. Varanasi: Chaukhambha Sanskrit Sansthan.
2. Ramachandran, T.P. (1984). The Methodology of Research in Philosophy. Madras: Radhakrishnana Institute for Advanced Study in Philosophy, University of Madras.
3. Katre, S M (1954). Introduction to Indian Textual Criticism. Deccan College Hand Book Series 5. Poona: Deccan College
4. Acharya, Sathyanarayana. (2005). Samskr̥ta śodha pravidhiḥ, Odisha.
5. Sarma, K. V. (1993). Research in Sanskrit. Madras:KSRI.
6. Moorthy, C.L.N. (1991). Research Trends in Sanskrit. Trivandrum: CBH Publications.
7. Lele, W K. (2006). Methodology of Ancient Indian Sciences. The Chaukhamba Surabharati Studies No.5. Varanasi: Chaukhamba Surabharati Prakashan.
8. Shivaganesha Murthy, R S (1996). Introduction to Manuscriptology. Delhi: Sharada Publishing House.
9. Dash, Siniruddha (Ed.). (2007). New Lights on Manuscriptology: A collection of articles of Prof. K V Sarma. Chennai: Sree Sarada Educational Society.

10. Hikosaka, Shu and Samuel, John (eds.) (1995). Palm-leaf and other Manuscripts in Indian Languages (Proceedings of the National Seminar). Madras: Publications Division. Institute of Asian Studies.
11. Goswamy, B N. (2006). The Word is Sacred, Sacred is the Word. The Indian Manuscript Tradition. New Delhi: Niyogi Offset Pvt. Ltd. (Publication Division).
12. Pandurangi K T. (1997 2nd ed.). The Wealth of Sanskrit Manuscripts in India and Abroad. Bangalore: Published by the author.
13. Visalakshy, P. (2003). The Fundamentals of Manuscriptology. Kerala: Dravidian Linguistics Association.
14. Gopalakrishnan, Sudha (ed.). (2006). Tattvabodha: Essays from the lecture series of the National Mission Manuscripts. Vol. I. Delhi: National Mission for Manuscripts and Munshiram Manoharlal Publishers.
15. Chakravarty, Kalyan Kumar (ed.) (2008). Tattvabodha: Essays from the lecture series of the National Mission Manuscripts. Vol. II. Delhi: National Mission for Manuscripts, IGNCA, and Munshiram Manoharlal Publishers. Essay: What more can the editors of Sanskrit Texts do? By Ashok Aklujkar, pp.165-189.
16. Tripathi, Dipti S. (ed.) (2010). Tattvabodha: Essays from the lecture series of the National Mission Manuscripts. Vol. III. Delhi: National Mission for Manuscripts, IGNCA, and Dev Books. Essay: Manuscripts and the Indian Knowledge Systems by O C Handa. Pp. 223-236.
17. Katre, S M (1954). Introduction to Indian Textual Criticism. Deccan College Hand Book Series 5. Poona: Deccan College.
18. Bhat, L N, Ramakrishna, J & Jaddipal, V V (2002). Bhāratīya Grantha sampādana śāstra praveśinī.
19. Bhatt, G H (1958). The Bālakāṇḍa, The First Book of Vālmīki Rāmāyaṇa. Oriental Institute of Baroda.
20. Istigeceva, Margarita. Analysis of Idiom Translation Strategies. Lambert Academic Publishing.
21. Kuppaswami Sastri, S. (1993). Highways and Byways of Literary Criticism in Sanskrit. Madras: The Kuppaswami Sastri Research Institute.
22. Warder, A K. (1978). The Science of Criticism in India. Adyar: The Adyar Library and Research Centre.
23. Sankaran, A. (1973). Some Aspects of Literary Criticism in Sanskrit. New Delhi: Oriental Books Reprint Corporation.
24. Mainkar, T G. (1971). Studies in Sanskrit Dramatic Criticism. Delhi: Motilal Banarasidass.
25. Chari. V K. (1993). Sanskrit Criticism. New Delhi: Motilal Banarasidass. (Chapter 5: Modes of Meaning: Metaphor, Chapter 6: Suggestion, Chapter 7: Style and Meaning, Chapter 8: The Logic of Interpretation)
26. Sarma, D. S. (1950). Literary Criticism in Sanskrit and English. Madras: The Kuppaswami Sastri Research Institute.
27. Pandya, Vijar. (2001). Sanskrit Textual Criticism. Ahmedabad: Parshva Publication.
28. Chari. V K. (1993). Sanskrit Criticism. New Delhi: Motilal Banarasidass.
29. Role of Tantrayuktis in Indian Research Methodology.
<https://www.academia.edu/3629764/The_Role_of_Tantrayuktis_in_Indian_Research_Methodology>
30. Different Perspectives in Tantrayukti and Computational Sanskrit: A Literary Review.
<<http://shodhganga.inflibnet.ac.in/bitstream/10603/152452/10/12%20chapter%20two.pdf>>
31. Tantrayukti method of theorization in Ayurveda.
<https://www.researchgate.net/publication/224898325_Tantra_yukti_method_of_theorization_in_ayurveda>
32. The comparative approach: Theory and Method.
<https://uk.sagepub.com/sites/default/files/upm-binaries/9869_039458Ch02.pdf>
33. Methodology in Comparative Studies. <<https://pilor.files.wordpress.com/2010/06/chapter-4-draft-2011-04-20.pdf>>

Paper-III SAN-CW-103 Computer Applications to the subject Credit-4 (70+30)	
UNIT-1	Introduction to computers- history of development of computers Main frame mini, micro and super computer systems-computer hard ware CPU, input, output devices, auxiliary storage devices, interpreter, compiler, machine language, assembly language, high level languages.
UNIT-2	Introductory Operatives-Package, MS Word: word basics, formatting text and documents, introduction to mail merge & macros. MS Excel: Excel basics, rearranging worksheets, working with charts and graphs, using worksheet as databases, Use formulas and functions, MS PowerPoint : PowerPoint basics, creating presentation MS Access: Database creation, screen/form design, generation using wizard, Preparation of a document, Editing of a document,Preparing scientific manuscripts, Features of Acrobat Reader.
UNIT-3	1. Information Tools. 2. Basic Introduction of Internet and Email. 3. Web Search Technnique and Introduction of Search Engine. 4. Introduction of Web Publishing. 5. Introduction of Typing in Devanagari and Font. 6. Introduction of Unicode. 7. Introduction of Various computational tools related to Sanskrit and Its uses in Reseach.
UNIT-4	Technique and Transliteration
	Trasletration 1. Transliteration Schemes. 2. International Alphabet of Sanskrit Transliteration (IAST) 3. Indian languages TRANSliteration (ITRANS) 4. Introduction to available computational tools for converting Devanagari Texts to IAST and TTRANS.
UNIT-5	Introduction to Internet and its applications: web browsers - World Wide Web, Search Engines, e-journals, literature Survey, Popular journals and websites, literature searching and collection using e-journals. Preparing presentations: 1. Research papers: Using word processing software - MS Word, Drawing graphs and diagrams - Excel. Paper writing for International Journals, Process for online submission 2. Seminar presentations -Power poirit for oral and poster presentations

Paper-IV SAN -CW-104 Review of published research in the relevant field

Credit-4 (70+30)

For this paper candidates will have to review literature in an area of research, prepare a research proposal and submit a report to the University at the end of the course work. The selection of the problem and preparation of the proposal will be in consultation with research guide.

Paper-V SAN -CW-105 Comprchensive viva voce

Credit-4 (100)

Candidate will face a Comprehensive Viva-Voce of 4 credits on the subject of Research Methodology, Advanced Course in Sanskrit and literature review report submitted to the university. The Presentation will have to be made by the candidate and it will need to be prepared in consultation with research guide.

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