DDU Gorakhpur University, Gorakhpur

Department of Sanskrit & Prakrit Languages

Ph. D. COURSE WORK

in

SANSKRIT

NEP 2020

Preamble

The present course has been started by the dept. of Sanskrit with the aim of facilitating Research in Sanskrit. The course consists of course work of one semester and writing of thesis in an area of Sanskrit under the supervision on the department. The course work intends to inform the students about the collection of matter, statistical analysis and built concepts, theories, practical practices and research methodologies in relation to Sanskrit. The Ph.D. course work comprises core course of 07 credits, discipline specific courses of 05 credits and research theme specific courses of 12 credits.

Department of Sanskrit & Prakrit Languages
DDU Gorakhpur University, Gorakhpur
Faculty of Arts

Course Work for Ph. D. Sanskrit Students

Every student admitted in Sanskrit for the Ph. D. programme will be required to pass a course work of minimum 12 credits. The division of this 12 credits course work is in three categories. Category-A (2 credits) courses are *compulsory* for all Ph. D. students of Sanskrit. Category-B (5-credits) courses are *discipline-specific courses*. Category-C (5 credits) courses are *research theme- specific courses*.

Course Nature	Course Code	Core Courses	Credit
(Compulsory Course)			
Compulsory Course	SKT-N 700	Research and Publication Ethics	2
	SKT-N 701	Research Methodology	5
Innovative Research Approaches in (Subject Area/ discipline) Elective Course (*Any one of the following*)			
Discipline-Specific Courses	SKT-N 702	Veda and vedic Literature	5
	SKT-N 703	Purana Evam Aarashakavya	5
	SKT-N 704	Modern Sanskrit Literature And Journalism	5
	SKT-N 705	Bharatiya Darshan	5
	SKT-N 706	Kavya Shastra Evam Natayasastra	5
	SKT-N 707	Vyakarana Evam Bhasha Vigayan	5
		Total	**12 Credits**

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COURSE CONTENTS

Research and Publication Ethics

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Course Code: SKT-N 700   **Credits: 02**

P.S.O. 1 -This course aims at teaching the students about the ethics of research and its philosophical aspects. They will be able to know about plagiarism and conduct their research without any ethical laps. This course will help them in publication.

C.O. 1 -The students will learn the ethics of research and publication

Theory:-
Unit 1. Philosophy and Ethics: Introduction to philosophy, definition, nature and scope, concept, branches, Ethics definition, moral philosophy, nature of moral judgments and reactions. Scientific conduct: Ethics with respect to science and research, Intellectual honesty and research integrity, scientific misconduct: Falsification, Fabrication and Plagiarism (FFP), Redundant publication: duplicate and overlapping publication, salami slicing, Selective reporting and misrepresentation of data.
Unit 2. Publication Ethics: definition, introduction and importance, best practices/ standard setting initiatives and guidelines: COPE, WAME, etc, conflict of interest, publication misconduct, definition concept, problems that lead to unethical behavior and vice-versa, types, Violation of publication Ethics, Authorship and contributor ship, identification of publication misconduct, complain and appeals, Predatory publisher and journals.

Practice:-
Unit 2. Open Access Publishing: open Access publication and initiatives, SHERPA/ RoMEO online resource to check publisher copyright and self-archiving policies, Software tool to identify predatory publication developed by SPPU, Journal finder/ journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester,etc.Publication Misconduct: Group Discussion regarding subject specific Ethical Issues, FFP, Authorship, conflict of Interest, complaints and appeals: example and fraud from India and abroad.Software tools: Use of plagiarism software like Turnitin, Urkund and other open source software tools
Unit 4. Databases and Research Metrics: Databases: Indexing databases, Citation database: web of Science, Scopus etc. Research Metrics: Impact factor of journal as per journal citation report, SNIP, SJR, IPP, Cite, Metrics: h-index, g-index, i10 index,altmetrics.

Suggested Readings:

1. P. Chaddah, (2018) Ethics in Competitive Research: Do not get scooped; do not get plagiarized, ISBN:978-9387480865
2. Resnik, D. B. (2011). What is ethics in research & why is it important. National Institute of Environmental Health Sciences, 1-10. Retrived from http://www.niehs.nih.gov/research/resources/bioethics/whatis/index.cfm
3. Indian National Science Academy (INSA), Ethics in Science Education, Reasarch and Governance(2019),ISBN:978-81-939482-1-7. http://www.insaindia.res.in/pdf/Ethics_Book.pdf
4. Bird, A. (2006)- Philosophy of Science.
5. Maclntyre, Alasdair (1967)- A short History of Ethics.
6. National Academy of Science, National Academy of Engineering and institute of Medicine (2009) On being a Scientist: A Guide of Responsible Conduct in Research.
7. Beall, J. (2012) – Predatory publishers are corrupting open access. Nature, 489(7415).

Research Methodology

Course Code: SKT-N 701   **Credits: 05**

Programmers Specific Outcome :- The course aims at training students for taking up systematic study and research in specific area of interest and acquaints them with the existing tools and techniques for that purpose. Each student in expected to do a survey of Sanskrit researches in general, in order to know how much has already been done and what remains. They should also be prepared to participate in the contemporary discourses and for that, they would be exposed to the traditional model and language of discourage through this course.

Course Outcome :- The students will learn basics of research and research process. The course will enable the students to conduct research work, formulate research synopsis and complete it.

Unit 1. Origin of Research, Objectives of Research, Motivation and Necessity of Research, Different synonyms of Research, Types of Research, Research Approaches, Significance and Relevance of Research, Criteria of Good Research, Major Research Mile Stones in Ancient Period, Historical Glimpses, Some Contribution of ancient Indian scholars.

Unit 2. What is Research Problem?, Selection of Problem, matter collection, Identification of Problem, Fixing Domain and Boundaries, Methods and Techniques, Variables, Parameters and Constants, Classification, Computer Orientation of Research Problems, Research paper Preparation, Writing a Synopsis, writing a research summary, reference and Bibliography.

Unit 3. Preparing a Research Project Proposal, Writing a Dissertation, Writing Thesis, Organizing Review Articles, Plagiarism Prevention, Presentation of Project Proposal, Presentation of Research papers. Subject Classifications such as Mathematics Subject Classifications (MSC). Physics and Astronomy classification Scheme (PACS),etc. E Resources such as Mathematical Review, Math SciNet ,etc.

Unit 4. Manuskriptology and Manuscript Editing

Suggested Readings:

1. Garg, B.L., Karadia, R., Agarwal, F. and Agarwal, U.K., 2002. An introduction to Research Methodology, RBSA Publishers.
2. Kothari, C.R., 1990. Research Methodology: Methods and Techniques. New Age International, 418p.
3. Day, R.A., 1992. How to write and publish a Scientific paper, Cambridge University Press.
4. Fink, A.,2009. Conducting Research Literature Reviews: From the internet to paper. Sage Publications.
5. Satarkar, S.V.,2000. Intellectual property rights and copyright. EssEss Publications.
6. Saxena, V.P.,2013. Lecture Notes on Research Methodology. Indra Publishing House.
7. Dwrivedi, Rahas Bihari, Shodhanusandhanpravidhi, Jabalpur, 2011
8. Dr. Shail kumara, Shodhtantra aur siddhanta,1976 lokvani prakashan , D15, Krishnanagar, Delhi 110051
9. Dr. Sharma, Sarnam singh, Shodh pravidhi, Delhi 1981

Discipline Specific Courses

Veda and Vedic Literature

Course Code: SKT-N 702   **Credits: 05**

Programmers Specific outcome 1 - This course aims at teaching the students about veda and vedic literature in order that they may be able to conduct research on these subjects.

C.O. **1** -The students will know the techniques of conducting research on vedic literature.
Course contents:-Introduction of vedic Samhitas, Brahmanas, Aranyakas and upanishads, vedic culture, Eduction, etc.
Suggested Readings:

1. Upadhyaya Baldeo, Vedic Sahitya evam Sanskriti, vishwavidhyalaya Prakashan, Varanasi 1955
2. Dwivedi Kapildeo, Vedic Sahitays evam Sanskriti, vishwavidhyalaya Prakashan, Varanasi, 2000
3. Four Vaidika samhitas, vaidik samshodhan mandal Poona 1901
4. Brahnaanas
5. Aranyakas
6. Upanishads, Geeta Press. Gorakhpur.
7. Kalpasutras, Choukhmbha Vidhyabhavan, Varansi 1967.

Purana Evam Aarashakavya
Course Code: SKT-N 703   **Credits: 05**

P.S.O. 1 - Puranas represent ancient Sanskrit literature. Their contents are of multi disciplinary. By this course the students will be able to know different types of thoughts spread in puranas **.**

C.O. 1 - After being acquainted with the contents of the Puranas, the students will be able to carry on research in this field.
Course contents:- Lakshana of puranas, Panch Lakshana, contents of puranas Mythology in puranas, srishti in puranas philosophy in puranas, culture in puranas. Relevance of puranas.

Suggested Readings:

1- Upadhyaya Baldeo, purana vimarsha, vishwavidhyalaya Prakashan, Varanasi 1951
2- Dubey Hari Narayan, Purana Samiksha I.I.D.R. Allahabad, 1984

Modern Sanskrit Literature And Journalism

Course Code: SKT-N 704   **Credits: 05**

P.S.O. 1 -This courser aims at teaching the students about bhasha, its classification, components etc. in order that they may be able to carry on research on comparative philology**.**

C.O. 1 -The students will be able to know minute mechanism of language and use this in their research work.
Course contents:- Origin of language, classification, components, definition, difference amongst Bhasha, vibhasha and boli. Bhashik changes and their causes, general introduction of Pali, Prakrit and Apabransha.

Suggested Readings:

1- Dr. Tiwari Bholanath, Bhasha Vijnana, kitab Mahal Allahabad,1967.
2- Dr. Dwivedi Kapildeo, Samanya Bhasha Vijnana Vishwavidyalaya prakashan, Varanasi, 1971.

Bharatiya Darshan

Course Code:SKT-N 705   **Credits: 05**

P.S.O. 1 -This courser aims at teaching the students the introdution of different schools of Indian philosophy in order that they may be able to conduct comparative research.

C.O. 1 -By the study of this course the students will conduct research on different branches of Indian Philosophy.
Course contents:- Introduction and classification of Indian philosophy, pramana, prameya and ethical value of Indian philosophy. Contribution of Indian philosophy in raising spirituality.
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Suggested Readings:

1- Datta and Chatterjee, An Introdution to Indian Philosophy, Allahabad,1960.
2- Pandey Sangam Lal, Bharatiya Darshan ki Kahani Ramnarayanlal Beni Prasad, Allahabad, 1963
3- All original text books on charvak, Jain, Bouddha, Sankhya-yoga, Nyay-Vaisheshik, Mimamsa-Vedant, shaiva-shakta Agamas as required

Kavya Shastra Evam Natayasastra

Course Code: SKT-N 706   **Credits: 05**

P.S.O. 1 -   This courser aims at teaching the students about different topics of kavyashastra to enable them for critical evaluation of poetic works.

C.O. 1 -   By the study of this course the students will be able to evaluate the poetic works.

Course contents:- Definition and nature of kavya and kavyashastra, Kavya Lakshana, prayojana, Hetu and bheda abhihitanvayavada, Anvitabhidhanavada and Rasa siddhanta.
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Suggested Readings:

1- Mammata, Kavyaprakash, vishwavidalaya Prakashan varanasi 1977.

Vyakarana Evam Bhasha Vigayan

Course Code: SKT-N 708   **Credits: 5**

P.S.O. 1 -   This course aims at teaching the students about different topics of vyakarana to enable them to form correct sentences.

C.O. 1 -   After study of this course the students will be able to form correct sentences and their language efficiency will be sound.

Course contents:- General introduction and knowledge of sandhi, Samasa, Karaka, Kridanta, Taddhita, Streepratyaya and vachya.
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Suggested Readings:

1. Varadarajacharya, Lagusiddhanta Kaumudi, Chankhamba Vidyabhavana, Varanasi 1977
2. Bhattoji dikshita, Siddhanta Kaumudi, Choukhambha Varanasi 1977
3. Patanjali, Mahabhashya , Choukhambha Varanasi 1980
4. Nagesh bhatta, laghushabdendushekhar, paramalaghu manjasha, paribhashendushekar etc.
5. Pashpa dikshita, Ashtadhyayayisahajabodh(Five volumes), Pratibha Prakashan, New Delhi 2016.