PH.D. COURSE WORK SYLLABUS IN SANSKRIT

(W.E.F. 2019-2020)

DEPARTMENT OF SANSKRIT

COOCH BEHAR PANCHANAN BARMA UNIVERSITY

COOCH BEHAR, WEST BENGAL

736101

Ph.D. Course Work in Sanskrit

Preamble:

1.1. The Department of Sanskrit, Cooch Behar Panchanan Barma University, offers Ph.D. Programme in Sanskrit on the subjects Veda, Sanskrit Grammar & Linguistics, Indian Philosophy, Dharmaśāstra, Puranic Studies, Sanskrit Literature & Literary Criticism, Modern Sanskrit Literature, Science and Technical Literature in Sanskrit, Manuscriptology and Inscriptional Studies.

1.2. The Ph.D. Programme may be of inter-disciplinary or multi-disciplinary in nature having a scope of allied status and subject concerned and carried in a comparative perspective. Keeping the importance of research in present scenario and to enhance the quality of the research the syllabus for the Course Work has been designed with respect to the U.G.C. guidelines of 2016 and it has been named as the Ph.D. Course Work. The aims of the programme are facilitating research students joining the programme from the year 2019 in many ways, which are essential in any kind of quality research. The course further aims at familiarizing the perspectives, pedagogy and their implications in various areas of investigations.

1.3. Ph.D. Programme must be a contribution to the knowledge of the subject and evidence of originality shown either by the discovery of new facts and establishing relations between facts by critical analysis.

1.4. Ph.D. Course Work shall be of six months equivalent to one semester from the year 2019. The Ph.D. Programme shall be at per Ph.D. Regulations of UGC, 2016 and the Regulations for Research Programmes Leading to the Award of the Degree of Doctor of Philosophy (Ph.D.), CBPBU, 2018 (Draft).

- ❖ Research proposals, Term paper, Book/Article Review and the Thesis relating to the Ph.D. Programme or Ph.D. Coursework Programme have to be **written** either in **Sanskrit with Devanāgarī Script** or in **English**.
- ❖ The language for **RET Examination** shall be in **Sanskrit & English.**
- ❖ The qualification of faculty members of the **RPE** course: Ph.D. in relevant subject areas having more than 10 years' of teaching experience.

The syllabus of Ph.D. Course Work aims at developing the following skills:
- ❖ Investigation
- ❖ Evaluation
- ❖ Reasoning
- ❖ Comprehension
- ❖ Analysis
- ❖ Writing
- ❖ Editing, Proof Reading and Designing.
- ❖ Knowledge of Computer (data-processing), Word Composing, Page-maker, composing mail and other features in it.

Ph.D. Course Work Syllabus

Syllabus for Ph.D. Course Work in Sanskrit with respect to the UGC Guidelines, 2016.

Each admitted student in the Ph.D. Programme in Sanskrit will have to do Ten (10) full credit courses, each of 50 marks. Core Courses are compulsory for all such students. The optional course has to be chosen from the options offered by the Department amongst the prescribed menu.

Year	Semester	Course	Course Name	Title of the course	Credit Pattern (L:T:P)	Class hrs./ week	Credit	Marks
First	SEM I	Compulsory Paper	PHD 101	1. **Research Methodology:** **Introduction:** i) Meaning of Research ii) Meaning of Research Methodology iii) Criteria of Good Research **Defining Research Problem:** i) Necessity of defining the problem ii) Topic Selection **Research Design:** i) Important concept of Research Design ii) Different Research Designs iii) Proposal Writing **Methods of Data Collection:** i) Collection of primary data ii) Collection of data through questionnaire iii) Case study method iv) Survey and experiment v) Data analysis **Framing Hypothesis** **Data Interpretation** **Different steps of writing thesis** **Bibliography** **Index** **Appendices**	1:1:0/1:0:1 (pr)	2	2	50

					1:1:0/1:0:1 (pr)	2	2	50
				2. Subject specific Research Methodology: **Special features of Sanskritic (Pali, Prakrit & Sanskrit) Research** **Editing a text from Manuscript sources** i) Aim & Scope of Sanskrit Manuscriptology ii) Importance of Manuscriptology iii) Script iv) Variant readings v) Handling manuscripts vi) Lower Criticism vii) Higher Criticism viii) Emendation ix) Colophon x) CC, NCC, Descriptive Catalogue etc. **Research tools for each discipline** (Veda, Vyākaraṇa, Kāvya, Darsśana etc.) **Techniques of Research Writing:** i) Diacritical Marks ii) Abbreviation iii) Transliteration iv) Referencing (Foot-note, End-note, ibid. etc.) **Proof Reading** **Computer Application in Sanskrit**				
			Total			**4**	**4**	**100**

Year	Semester	Course	Course Name	Title of the course	Credit Pattern (L:T:P)	Class hrs./ week	Credit	Marks	
				Choose any one from the following optional papers					
		Optional	Papers	PHD 102-1	**Veda:** i) Aitareya Āraṇyaka (2nd Āraṇyaka) ii) Asyavāmūya Sūkta (RV. 1.164)	3:1:0	4/5 (Practical base)	2	50
				PHD 102-2	**Vyākaraṇa:** i) Paramalaghumañjūśā ii) Vākyapadīyam (Sādhanasamuddeśaḥ)				
				PHD 102-3	**Darśana:** i) Nyāyamañjarī (Prathamāhnika) ii) Mānameyodaya (Prameya)				
				PHD 102-4	**Kāvya:** i) Rasagaṅgādharaḥ (1st Ānanam) ii) Kāvyālaṅkāraḥ of Bhāmaha (1st Chapter) with Mayūkha Commentary				
				PHD 102-5	**Purāṇa & Āyurveda:** i) Purāṇa (Viṣṇudharmottarapurāṇa / Agnipuraṇa) – Selected Portion ii) Carakasaṃhitā (Rogalakṣaṇanirṇaya Ouṣadhi-Guṇāguṇa)				
				PHD 102-6	**Dharmaśāstra:** i) Parāśarasmriti (Select Portion) / Apastambadharmasutra ii) Rājanītiratnākara of Candeśvara / Vīramitrodaya of Mitramiśra				
				PHD 102-7	**Modern Sanskrit Literature:** i) Kāvyakaumudī of Haridāsa (1st) / Alaṅkārasūtrāṇi of Candrakānta Tarkālaṅkāra ii) Nanāvitāḍanam & Atha Kim / Bhāratalakśmīnāṭakam				

	Literature Review & Power-point Presentation	PHD 103	i) Book & Article Review (1+1) ii) Seminar Presentation through Power-point				2	50
			Total				**04**	**100**

Year (First)	Semester	Course	Course Name	Title of the course	Credit Pattern (L:T:P)	Class hrs./ week	Credit	Marks
	SEM I	**Compulsory Paper**	**PHD 104**	1. **Research and Publication Ethics (RPE):** **Theory:** RPE 01: Philosophy and Ethics RPE 02: Scientific Conduct RPE 03: Publication Ethics **Practice:** RPE 04: Open Access Publishing RPE 05: Publication Misconduct RPE 06: Database and Research Metrics	**1:1:0/1:0:1 (pr)**	2	2	50
				Total		2	2	50
			Grand Total				**10**	**250**

✓ Syllabus in Detail:

- **PHD 104: Research and Publication Ethics (RPE)**

Theory:

RPE 01: Philosophy and Ethics (3 Hours):

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

RPE 02: Scientific Conduct (5 Hours):

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

RPE 03: Publication Ethics (7 Hours):

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:

RPE 04: Open Access Publishing (4 Hours):

1. Open access publications and initiatives.
2. SHERPA/RoMEO online resources to check publisher copyright & self-archiving policies.
3. Software tool to identify predatory publications developed by SPPU.
4. Journals finder/ journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester etc.

RPE 05: Publication Misconduct (4 Hours):

A. Group Discussion (2 Hours):
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 Hours):

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

RPE 06: Database and Research Metrics (7 Hours):

A. Database (4 Hours):
1. Indexing database.
2. Citation database: Web of Science, Scopus etc.

B. Research Metrics (3 Hours):
3. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score.
4. Metrics: h-index, g-index, i10-index, altmetrics.