





## 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	<p style="text-align: center;"><b>1. Research Methodology:</b></p> <p><b>Introduction:</b>            i) Meaning of Research            ii) Meaning of Research Methodology            iii) Criteria of Good Research</p> <p><b>Defining Research Problem:</b>            i) Necessity of defining the problem            ii) Topic Selection</p> <p><b>Research Design:</b>            i) Important concept of Research Design            ii) Different Research Designs            iii) Proposal Writing</p> <p><b>Methods of Data Collection:</b>            i) Collection of primary data            ii) Collection of data through questionnaire            iii) Case study method            iv) Survey and experiment            v) Data analysis</p> <p><b>Framing Hypothesis</b>  <b>Data Interpretation</b>  <b>Different steps of writing thesis</b>  <b>Bibliography</b>  <b>Index</b>  <b>Appendices</b></p>	<b>1:1:0/1:0:1 (pr)</b>	2	2	50

			<p><b>2. Subject specific Research Methodology:</b></p> <p><b>Special features of Sanskritic (Pali, Prakrit &amp; Sanskrit) Research</b></p> <p><b>Editing a text from Manuscript sources</b></p> <p>i) Aim &amp; 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.</p> <p><b>Research tools for each discipline</b>  (Veda, Vyākaraṇa, Kāvya, Darśana etc.)</p> <p><b>Techniques of Research Writing:</b></p> <p>i) Diacritical Marks  ii) Abbreviation  iii) Transliteration  iv) Referencing (Foot-note, End-note, ibid. etc.)</p> <p><b>Proof Reading</b>  <b>Computer Application in Sanskrit</b></p>	1:1:0/1:0:1 (pr)	2	2	50
<b>Total</b>					4	4	100



Year	Semester	Course	Course Name	Title of the course	Credit Pattern (L:T:P)	Class hrs./ week	Credit	Marks	
		<b>Choose any one from the following optional papers</b>							
		<b>Optional Papers</b>	PHD 102-1	<b>Veda:</b> i) Aitareya Āraṇyaka (2 <sup>nd</sup> Āraṇyaka) ii) Asyavāmūya Sūkta (RV. 1.164)		<b>3:1:0</b>	<b>4/5 (Practical base)</b>	<b>2</b>	<b>50</b>
	PHD 102-2		<b>Vyākaraṇa:</b> i) Paramalaghumañjūsā ii) Vākyapadīyam (Sādhanasamuddeśaḥ)						
	PHD 102-3		<b>Darśana:</b> i) Nyāyamañjarī (Prathamāhnikā) ii) Mānameyodaya (Prameya)						
	PHD 102-4		<b>Kāvya:</b> i) Rasagaṅgādharāḥ (1 <sup>st</sup> Ānanam) ii) Kāvyaḷaṅkārah of Bhāmaha (1 <sup>st</sup> Chapter) with Mayūkha Commentary						
	PHD 102-5		<b>Purāṇa &amp; Āyurveda:</b> i) Purāṇa (Viṣṇudharmottarapurāṇa / Agnipurāṇa) – Selected Portion ii) Carakasamhitā (Rogalakṣaṇanirṇaya Oṣadhi-Guṇāguṇa)						
	PHD 102-6		<b>Dharmaśāstra:</b> i) Parāśarasmr̥iti (Select Portion) / Apastambadharmasūtra ii) Rājānīratnākara of Candēśvara / Vīramitrodāya of Mitrāmīśra						
	PHD 102-7		<b>Modern Sanskrit Literature:</b> i) Kāvyaakumudī of Haridāsa (1st) / Alaṅkārasūtrāṇi of Candrakānta Tarkālaṅkāra ii) Nanāvitaḍanam & Atha Kim / Bhāratalakṣmīnāṭakam						

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

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	<b>1. Research and Publication Ethics (RPE):</b>  <b>Theory:</b> RPE 01: Philosophy and Ethics RPE 02: Scientific Conduct RPE 03: Publication Ethics  <b>Practice:</b> 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
<b>Total</b>						2	2	50
<b>Grand Total</b>							<b>10</b>	<b>250</b>

### ✓ 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.

