

# Syllabus of Ph.D. Course Work in Anthropology and Tribal Studies

Faculty of Life Science

Programme Code: PHAN  
Session: 2024-25



School of Anthropology and Tribal Studies  
Shaheed Mahendra Karma Vishwavidyalaya, Bastar



*[Signature]*  
19/10/2024

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24



**Shaheed Mahendra Karma Vishwavidyalaya, Bastar**  
**Curriculum: Ph.D. Course Work**  
**Subject- Anthropology and Tribal Studies**

Programme Code: PHAN

Duration: One Semester

Session: 2024-25

S.N	Course Code	Title of Paper	Marks Distribution		Credit/ Hours	Total Marks	
			External Assessment (ESE)	Internal Assessment (CIA)			
1	PHAN	Paper 1- Research Methodology	40 marks: Objective types Questions (MCQ)	40 marks: Short Answer Question	Two Tests/Assignments(10+10 = 20 Marks)	4 100	
2	PHAN	Paper 2- Research and Publication Ethics	20 marks: Objective types Questions (MCQ)	20 marks: Short answer Question	Two Tests/Assignments(05+05 = 10 Marks)	2 50	
3	PHAN	Paper 3- Contemporary / Advanced Studies in Anthropology	40 marks: Objective types Questions (MCQ)	40 marks: Short answer Question	Two Tests/Assignments(10+10 = 20 Marks)	4 100	
4	PHAN	Paper 4- Review/ Presentation	20 marks: (10 marks for Review of Literature & 10 marks for Synopsis in Proposed Research)	20 marks: (10 marks for Presentation I (05 marks for written paper & 05 marks for power point presentation) & 10 marks for Presentation II (05 marks for written paper & 05 marks for power point presentation)	Two Tests/Assignments(05+05 = 10 Marks) (Presentation/Bibliography)	2 50	
<b>Total</b>						<b>12</b>	<b>300</b>

*Amr*  
19/10/2024

*Anishu*  
19/10/24

*g d*  
19/10/24

*Sj*  
19/10/24



Paper- I			
Research Methodology			
	Credit: 4	Hours: 60	Marks: 100
Units	Curriculum		Hours
Unit-1	Research Methodology: Method and Technique- distinguished; Social Survey and Anthropological field work – relative merits, Types of Research, exploratory, explanatory, experimental, diagnostic, Research Design, formulation of hypothesis; Elements of research: Deductive and inductive logic, theory, law, construct hypothesis, concepts, variables and facts.		12 hrs
Unit-2	Comparative Method: Nature, purpose and methods; Review of literature: Use of secondary sources, role of history and historical records, Sampling techniques: Meaning and significance of sampling, Types of sampling, Merits and demerits of different sampling methods.		10 hrs
Unit-3	Quantitative and Qualitative data collection, techniques of data collection- observation technique, questionnaire, schedule and case study.		08 hrs
Unit-4	Focused group interview: Scaling techniques, RRA, PRA, RAP, audiovisual recording. Secondary sources: Census, National Sample Survey, Documents and records, map, National and International Reports (UNDP, World Bank, UNICEF); Qualitative data analysis methods: Content Analysis; Report writing: Requirement of Scientific report, problems in report writing, linking ideas, linking paragraphs.		12 hrs
Unit-5	Statistics: Mean and Standard deviation, Standard error; Tests of significance (Chi-square, t-test, Analysis of variance, Probability); Estimation of gene frequencies from pedigrees and concept of Mendelian population; Pedigree method: Analysis of pedigrees with some rare inherited disorders.  Computer application for research: Word processing, data processing, graphical processing. Use of web-2 tools for research, use of excel, use of SPSS, use of graphical software and use of multimedia tools.		18 hrs
<b>Suggested Reading:</b>			
1. Coburn Peter and others. (1982). Practical guide to Computers in Education, Addison Wesley Publication Company, California.			
2. Danda Ajit. (1982). Research Methodology in Anthropology. Bailey, D.K. Methods of social Research, The Free Press, New York.			

*[Signature]*  
19/10/2024

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24

*[Signature]*  
19/10/2024

3. Fischer, Michael. (1994). *Application in Computing for Social Anthropologists*, Routledge, London.
4. Gellung Jahan (1974). *Theory and Methods of Social Research*, George Allen and Unwin Ltd, New Delhi.
5. Goode and Hart. (1982). *Methods in Social Research*, Mc Graw Hill, International Japan.
6. Kothari C.R. (2008). *Research Methodology- Methods and Techniques*, Wiley and Eastern Ltd, New Delhi.
7. Madrigal, Lorenz. (1998). *Statistics for Anthropology*, Cambridge University, Cambridge.
8. Muller, H. (1970). *Statistical Reasoning in Sociology*.
9. Pelta and Pelta. (1978). *Anthropological Research: The structure of enquiry*.
10. Bajaram V. (1996). *Fundamentals of computers*, Prentice Hall of India, New Delhi.
11. Sinha P.K. (1992). *Computer Fundamentals*, BPB Publications, New Delhi.
12. Young, Pauline. (1984). *Scientific Social Surveys and Research*, Prentice Hall of India, New Delhi.

Amr  
19/10/2024

Ancishy  
19/10/24

22  
19/10/24

Rj  
19/10/24

Paper- II			
	<b>Research and Publication Ethics (RPE)</b>		
	The course contents are devoted to exploration of theory related to the philosophy and ethics of the research studies		
	<b>Credit: 2</b>	<b>Hours: 30</b>	<b>Marks: 50</b>
Units	Curriculum		Hours
<b>Unit-1</b>	<b>PHILOSOPHY AND ETHICS</b> 1. Introduction to philosophy: definition, nature and scope, concept, branches 2. Ethics: definition, moral philosophy, nature of moral judgements and reactions		<b>3 hrs</b>
<b>Unit-2</b>	<b>SCIENTIFIC CONDUCT</b> 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		<b>5 hrs</b>
<b>Unit-3</b>	<b>PUBLICATION ETHICS</b> 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 <b>PRACTICE</b>		<b>7 hrs</b>
<b>Unit-4</b>	<b>OPEN ACCESS PUBLISHING</b> 1. Open access publications and initiatives 2. SHERPA/RoMEO online resource to check publisher copyright & self-archiving policies 3. Software tool to identify predatory publications developed by SPPU		<b>4 hrs</b>

Amj  
19/10/2024

Anshu  
19/10/24

g  
19/10/24

Sf 19/10/24



	4. Journal finder/journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer Journal Suggester, etc.	
<b>Unit-5</b>	<b>PUBLICATION MISCONDUCT</b> A. Group Discussions (2 hrs.) 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 hrs.) Use of plagiarism software like Turnitin, Urkund and other open source software tools	<b>4 hrs</b>
<b>Unit-6</b>	<b>DATABASES AND RESEARCH METRICS</b> A. Databases (4 hrs.) 1. Indexing databases 2. Citation databases: Web of Science, Scopus, etc. B. Research Metrics (3 hrs.) 1. Impact Factor of journal as per Journal Citation Report, SNIP, SJR, IPP, Cite Score 2. Metrics: h-index, g index, HO index, altimetric	<b>7 hrs</b>
	<b>Suggested Reading:</b> 1. Bird, A. (2006). <i>Philosophy of Science</i> . Routledge. 2. MacIntyre, Alasdair (1967) <i>A Short History of Ethics</i> . London. 3. P. Chaddah, (2018) <i>Ethics in Competitive Research: Do not get scooped; do not get plagiarized</i> , ISBN:978- 9387480865 4. National Academy of Sciences, National Academy of Engineering and Institute of Medicine. (2009). <i>On Being a Scientist: A Guide to Responsible Conduct in Research: Third Edition</i> . 5. National Academies Press. Resnik, D. B. (2011). What is ethics in research & why is it important. <i>National Institute of Environmental Health Sciences</i> , 1-10. Retrieved from <a href="https://www.niehs.nih.gov/research/resources/bioethics/whatisiiide">https://www.niehs.nih.gov/research/resources/bioethics/whatisiiide</a> x.cfrn Beall, J. (2012). 6. Predatory publishers are corrupting open access. <i>Nature</i> , 489(7415), 179-179. <a href="https://doi.org/10.1038/489179a">https://doi.org/10.1038/489179a</a>	

*[Signature]*  
19/10/2024

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24

	7. Indian National Science Academy (INSA), Ethics in Science Education, Research and Governance (2019), ISBN:978-81-939482-1-7. <a href="http://www.insaindia.res.in/pdf/Ethics_Book.pdf">http://www.insaindia.res.in/pdf/Ethics_Book.pdf</a>	
--	---	--

Page 7 of 12

Ang  
19/10/2024

Anshu  
19/10/24

g  
19/10/24

Sj  
19/10/2024



Paper- III			
Contemporary/Advanced Studies in Anthropology			
Credit: 4		Hours: 60	Marks: 100
Unit	Curriculum		Hours
Unit-1	History and Development; Scope and Branches; Cell Structure and Division, Patterns of Inheritance- Autosomal Dominant; Autosomal Recessive; Codominance; Sex linked; Sex limited and Sex Controlled; Multiple alleles, Linkage and Crossing-over, Lethal genes, Methods of studying inheritance- Twins; Pedigree, Role of Heredity and Environment- Stature; Skin Colour, Genetics of Blood Groups: ABO System- Two-factor Hypothesis; Multiple Alleles; Rh System, Living Human Populations and Human Diversity, Dermatoglyphics, Concept of Race, Criteria for Racial Classifications- Skin, Hair and Eye colour; Stature; Eyes, Lips and Ears; Face and Lower Jaw; Blood group.		12 hrs
Unit-2	Genetic Variation and polymorphism- Red Cell acid phosphatase, G6PD, Phosphoglucomutase, Adenylate Kinase, Adenosine deaminase and Lactate dehydrogenase; Plasma Proteins: Heredity and Genetic Variation of Haptoglobins, Transferrin, Immunoglobulin; Haemoglobin: Normal and Variant, Thalassaemia, HbS and Malaria - Balanced Polymorphism, G6PD deficiency, Techniques for Biochemical Analysis- Electrophoresis, Immunoelectrophoresis, Inborn errors of Metabolism- Biochemical pathways (one gene one enzyme hypothesis) and Heredity of Phenylketonuria, Alkaptonurea, Galactosemia, Albinism. Human Cytogenetics: Identification of Human Chromosomes, Karyotyping and Nomenclature Technique for studying Chromosomal Structure; Chromosomal Aberrations: Numerical: Turners Syndrome, Klinefelters Syndrome, Triple- X, Tetra- X, Down's Syndrome, Patau Syndrome, Edwards Syndrome, Triploidy and Tetraploidy, Structural- Cri-du-chat syndrome and Philadelphia Chromosome.		16 hrs
Unit-3	Basic methods of growth studies: Cross sectional, Longitudinal, Mixed Longitudinal; Factors affecting growth: Heredity and Environment; Nutrition: Basic terms and concepts, Concept of Balanced Diet, malnutrition, under nutrition, over nutrition, obesity etc.; Evaluation of nutritional status through Anthropometric and Clinical signs of malnutrition, Immunization: malnutrition,		10 hrs

*Handwritten signature and date: 15/10/24*

*Handwritten signature and date: 10/11/24*

*Handwritten signature and date: 14/10/24*

*Handwritten signature and date: 19/11/24*



	morbidity, fertility mortality: perinatal, neonatal-causes, IMR, Population problem.	
<b>Unit-4</b>	Culture & culture change, Society, Civilizations, Institution, Group, Social organization: Family- origin of family, Typology and function, Marriage- origin of marriage, Form and types of marriage and Kinship- system and its importance in social structure; Economic Organisation, Political Organisation, Religion and Magic.	10 hrs
<b>Unit-5</b>	Indian Anthropology: Basic Concepts and Issues: Caste as a group and system; Scheduled Caste and Scheduled Tribe; Tribe, Caste, Varna and Caste/Jati; Notified and Denotified Groups; Other Backward Classes and castes; Sacred complex in India; Regionalism and Ethnicity, New Panchayati Raj, Women in new Panchayats, Constitutional safeguards for Scheduled Tribes and Scheduled Castes, Tribal Movements for Autonomy, Development Schemes, Tribal Rehabilitation; Democracy and Caste Bonded Labour and Child Labour; Material culture with special reference to tribes of Chhattisgarh; Art, Craft and culture in tribal India with special reference to Chhattisgarh- Music and Dance, Pottery & Terracotta, Bamboo art, Tribal ornament, Metal art, Wooden art, Handcraft and Sculptural Art.	12 hrs
	<p><b>Suggested Reading:</b></p> <ol style="list-style-type: none"> <li>1. Ashley Montagu, M.F. (1960). A Hand Book of Anthropometry, Charles. C. Thomas. Illinois</li> <li>2. Barnouw, V. (1979). Anthropology: A General Introduction, The Dorsey Press, Illinois.</li> <li>3. Comas, J. (1960). Manual of Physical Anthropology, Springfield, Charles C. Thomas.</li> <li>4. Curt Stern. (1968). Principles of Human Genetics, Eurasia Publishing House (Pvt.) Ltd, Ram Nagar, New Delhi.</li> <li>5. Das, B.M. (1985). Outlines of Physical Anthropology, Kitab Mahal, New Delhi.</li> <li>6. Falkher, F. &amp; Tanner, J.M. (2012). Human Growth. Vols. I, Springer, New York.</li> <li>7. Gopalan, C. Rama, Sastri, B.V. &amp; Balasubremianiam, S.C. (2002). Nutritive value of Indian food, National Institute of Nutrition, ICMR,</li> </ol>	

*[Signature]*  
19/10/2024

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24

Hyderabad.

8. G. A. Harrison, J. M. Tanner, D. R. Pilbeam, and P. T. Baker. (1988). Human Biology: An introduction to human evolution, variation, growth, and adaptability, Oxford University Press.
9. Herskovites, M. J. (1955). Cultural Anthropology, Oxford & IBH Publishing co., New Delhi.
10. Holmes L.D. (1987). Anthropology: An Introduction, The Ronald Press Company, New York.
11. Hunter & Whitten. (1977). The study of cultural Anthropology, Herper & Row Publishers, New York.
12. Jelliffce, D.B. (1966). The assessment of the nutritional status of the community, WHO, Geneva.
13. Lasker, G.W. and Tyzzer, R.N. (1982). Physical Anthropology, Holt Rinechart & Winston, New York.
14. Lowery, G.H. (1978). Growth & Development of Children, year book Medical Publishers, Chicago-London.
15. Mair, L. (1965). An Introduction to Social Anthropology, Clarendon Press, Oxford.
16. Majumdar & Madan. (2020). An Introduction to Social Anthropology, National Publishing House, New Delhi.
17. Marshall, W.A. (1977). Human Growth & its Disorder, Academic Press, London.
18. Mitra, M. & Chaube, R. (2004). Prayogik Manav Vigyan (Sharirik) Bhag -2. Madhya Pradesh Hindi Granth Academy (in Hindi).
19. Mitra, M. (1990). Prayogik Manav Vigyan- Bhag-2. Madhya Pradesh Hindi Granth Academy.
20. Montagu, A. (1964). The Concept of Race, The Free Press, New York.
21. Montagu, M.F.A. (1945). An Introduction to Physical Anthropology, Charles C Thomas, Springfield Illinois.
22. Moore, A. (1978). Cultural Anthropology, Harper & Row Publishers, New York.
23. Parasmani Dasgupta and Ronald Hauspie. (2001). Perspective in Human Growth, Development and Malnutrition, Kluwer Academic Publishers,

Aug  
19/10/2024

Aushy  
19/10/24

g  
19/10/24

87  
19/10/24

London.

24. Park, J.E. & Park K. (2001). Text Book of Preventive and Social Medicine, Banarasidas Bhanot Publishers, Jabalpur.
25. Sarkar, R.M. (1976). Fundamentals of Physical Anthropology, Published by Blackie (India).
26. Sharma and Sharma. (1977). Anthropology, Atlantic Publishers and Distributors, New Delhi.
27. Shrivastava, A.R.N. (1994). Sharirik Manavvigyan (in Hindi), Gyandeeep Prakashan, Allahabad.
28. Shukla, B.R.K. and Rastogi, S. (2018). Physical Anthropology and Human Genetics: An Introduction, Palak Prakashan, Delhi.
29. Singh, I. P., Bhasin, M.K. (1968). Anthropometry. Bharti Bhawan, New Delhi.
30. Singh, S.P. (1991). Kinanthropometry. In "Application of Anthropology" Eds. S. Nath & A. Mahajan. Reliance Publishing House, New Delhi.
31. Swaminathan, M. (1985). Essentials of Food and Nutrition, The Bangalore Printing and Publishing Co. Ltd.
32. Tanner J.M. (1962). Growth at Adolescence, Blackwell Scientific Publication, Oxford.
33. Tanner J.M. (1962). Growth at Adolescence, Blackwell Scientific Publication, Oxford.
34. Weiner, J.S. & Lourie, J.A. (1969). Human Biology: a Guide to field Method. I.B.P. Hand book No. 9 Blackwell Scientific Publication, Oxford.



Paper- IV			
Review/Presentation			
	<b>Credit: 2</b>	<b>Hours: 30</b>	<b>Marks: 50</b>
Unit	Curriculum		Hours
<b>Unit-1</b>	1. Preparation of References and Bibliography 2. Writing of review of Literature 3. Writing review of research papers and Research Books 4. Preparation of Research Proposal and Presentation 5. Preparation of Synopsis and Presentation		15 hrs
<b>Unit-2</b>	1. Preparation of Research Papers (Seminar/Conference/Publication in Journals): A. <b>Preparation:</b> Title, Abstract, Introduction, Methodology, Results, Discussion, Conclusion etc. B. <b>Publication Process and Journals:</b> Types of journals, journal scope and indexing, impact factor, peer review process, publication process. 2. Presentation of Research Papers/Articles 3. Presentation of Thesis		15 hrs
	<b>Suggested Reading:</b> 1. Booth, W. C., Colomb, G. G., & Williams, J. M. (2016). The Craft of Research (4th ed.). University of Chicago Press. pp. 1-336. 2. Lester, J. D., & Lester, J. D. Jr. (2015). Writing Research Papers: A Complete Guide (15th ed.). Pearson. pp. 1-416. 3. Morris, S., Barnas, E., LaFrenier, D., & Reich, M. (2013). Handbook of Journal Publishing. Cambridge University Press. pp. 1-496. 4. Cronin, B., & Sugimoto, C. R. (2014). Impact Factor: How the Metric is Reshaping Science. MIT Press. pp. 1-320.		

*[Signature]*  
19/10/2024

*[Signature]*  
19/10/2024

*[Signature]*  
19/10/24

*[Signature]*  
19/10/24