

Ph.D. COURSE WORK

SYLLABUS (CBCS)



2022-24

Department of Anthropology

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(A Central University)

Credit Based Detail Program for Ph.D. Course Work (2022-24)

COURSE CODE	PAPER TITLE	L	P	T	C
ANT-CC -141	Research Methods	4	-	-	4
ANT-CC- 142	Computer Application and Statistical Methods	4	-	-	4
ANT-CC- 143	Research and Publication Ethics (RPE)	-	-	-	2
ANT-CC- 144	Dissertation on Review of Published Research	-	-	-	4
Select any One Paper					
ANT-EC-141	Advances in Biological Anthropology	4	-	-	4
Or					
ANT-EC-142	Advances in Socio-Cultural Anthropology				
TOTAL					18

* **Total Marks 100 : Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#) End Semester = 60**

Attendance

Abbreviation :

ANT : Anthropology
 CC : Core Course
 EC : Elective Course

Ph.D. Course Work
ANTHROPOLOGY
ANT – CC- 141
RESEARCH METHODS
Maximum Marks: 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance
End Semester = 60

L	P	T	C
4	-	-	4

Course Objectives: The major objective of this paper is to build a strong foundation in research methods, its latest tools and techniques. It will expose the students with historical, philosophical and applied aspects of research in social sciences in general and anthropology in particular.

Learning Outcomes: Upon successful completion of the course, the student:

1. Will be able to understand different philosophical traditions of knowledge production in social sciences and their historical roots.
2. Will be able to design and know different types of social research, its major steps like literature review, hypothesis formulation, etc and different challenges in conducting ethnographic research.
3. Will be able to get an in-depth knowledge of different research tools and techniques.
4. Will be able to code and analyze different types of data and will be able to write it in various formats to get it published.
5. Will be able to transcribe, manage and analyze qualitative data.

Lectures

Unit-I :	Ontology, Epistemology, Positivist, Anti-positivist and Constructionist; Scientific Method, Inductive and Deductive reasoning, Reality, Observable Universe, Theory and Fact.	15
Unit-II :	Research Design, Review, Hypothesis/Research Questions and Methods: Research Designs- Quantitative, Qualitative and Action Research Process; Narrative vs Metanalytic Review- Sources; Types and Characteristics of Hypothesis/Research Questions; Field work in different Ecological Settings, Visual Methodology, Auto-ethnography, Issues in Study One's Own Society.	15
Unit-III :	Research Tools and Techniques: Preparation of Census sheet for Population Studies; Preparation of Interview Guide; Preparation of Questionnaire and Schedules; Preparation of Genealogies; Preparation of the Life History, Case Study, Extended case study.	15
Unit-IV:	Analysis and Writing: Coding and Categorisation, Content Analysis, Discourse Analysis; Writing up Quantitative and Qualitative Research; Scientific writing skills- Thesis, report, scientific papers in Journals and Book Chapters.	15
Unit-V :	Use of Qualitative Softwares in Ethnographic research : AtlasTi or MAXQDA for Qualitative data management and analysis; Inqscibe for Transcription.	15

Essential Readings:

- Amit, V. (1999). *Constructing the Field*. London: Routledge.
- Armitage, P., G. Berry and J.N.S. Mathews. (2002). *Statistical Methods in Medical Research. 4th edition*. Massachusetts: Blackwell Science Ltd.
- Bailey, D.K. (1982). *Methods of Social Research*. The Free Press, New York.
- Bechhofer, F. and L. Paterson. (2000). *Principles of Research Design in the Social Sciences*. London: Routledge.
- Beteille, A. and T. N. Madan. (1975). *Encounter and Experience*. New Delhi: Vikas Publishing House.
- Burgess, R. G. (1984). *In the Field: An Introduction to Field Research*. London: Routledge.
- Davis, Martha. (2004). *Scientific Papers and Presentations, Second Edition: Navigating Scientific Communication in Today's World*. 2nd ed. Academic Press.
- Ellen, R. F. (1984). *Ethnographic Research: A Guide to General Conduct*. London: Academic Press.
- Fabian, J. (2007). *Memory against Culture*. North Carolina: Duke University Press.
- Fischer, Michael. (1994). *Applications in Computing for Social Anthropologists*. Routledge. London.
- Foster, G. M. et al. (1979). *Long Term Field Research in Social Anthropology*. New York: Academic Press.
- Frelich, M. (1970). *Marginal Natives: Anthropologists at Work*. New York: Harper & Sons.
- Goode, W. J. and P. K. Hatt. (1981). *Methods in Social Research*. Singapore: McGraw-Hill Book Company.
- H. Russel, Bernard. (1998). *Handbook of Methods in Cultural Anthropology*. Altamira Press.
- Herle, A. (1998). *Cambridge and the Torres Strait*. Cambridge: Cambridge University Press.
- Jongmans, D.G. and P.C.W. Gutkind. (1967). *Anthropologists in the Field*. Assen: Van Gorcum & Company.
- Kothari, C.R. (2004). *Research Methodology: Methods and Techniques*. New Delhi: New Age International Pvt. Publishers.
- Krzanowski, C.R. (2007). *Statistical Principles and Techniques in Scientific and Social Investigations*. Oxford: Oxford University Press.
- Kumar, S. (2002). *Methods for Community Participation*. New Delhi: Vistaar.
- Laresu & Shultz. (1996). *Journey through Ethnography*. Oxford: West view Press.
- Marczyk, G., D. Matteo and D. Festinger. (2005). *Essentials of Research Design and Methodology*. New Jersey: John Wiley & Son.
- Pelto, P. J. And G. H. Pelto. (2006). *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Walnut Creek: AltaMira Press.
- Russell, B. H. (1995). *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Walnut Creek, CA: AltaMira Press.
- Sarana, G. (1975). *The Methodology of Anthropology*. New York: The University of Arizona Press.
- Stocking, G.W. (1983). *Observers Observed: Essays on Ethnographic Fieldwork*. Madison: The University of Wisconsin Press.

Additional Readings:

- Srinivas, M.N. (1983). *The Observer and the Observed*. Faculty Lecture 1, Faculty of Arts and Social Sciences, University of Singapore.
- Williams, T. R. (1967). *Field Methods in the Study of Culture*. London: Holt, Rinehart and Winston.
- Young, Pauline. (1984). *Scientific Social Surveys and Research*. New Delhi: Prentice Hall of India.
- Langness, L.L. (1965). *Life History in Anthropological Sciences*. New York: Holt, Rinehart and Winston.
- Levinson, D. and M Ember (eds), (1996). *Encyclopaedia of Cultural Anthropology*, Vol.2, New York: Henry, Holt & Co.
- Kaplan, Abraham. (1964). *The Conduct of Enquiry: Methodology for Behavioral Science*. Pennsylvania: Chandler Publication Compan.
- Epstein, A.L. (1978). *The Craft of Social Anthropology*. Delhi: Hindustan Publishing Corp.

Ph.D. Course Work
ANT – CC- 142
COMPUTER APPLICATION AND STATISTICAL METHOD
Maximum Marks: 100
Mid Semester = 40 (1st Mid 20+ continuous internal assessment 15+05#) #Attendance
End Semester = 60

L	P	T	C
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Learning Outcomes:

Lectures

The learning outcomes of this paper are:

1. The students will learn about the application of Bio-statistics in Anthropological research and different test of significance.
2. They will learn about anti-plagiarism and different sample procedure and calculating sample size.
3. They will also learn about bibliographies and different citation methods and software.
4. Students will also learn about SPSS software and calculation of correlation and regression and their analysis.

Unit-I :	Application and use of Bio-Statistics in Anthropological Research. Measures of central Tendencies: Arithmetic Mean, Median, Mode, Quartiles, Geometric mean, Harmonic mean, Weighted mean. Test of Significance: T- test & Chi Square test, ANOVA.	15
Unit-II :	Anti plagiarism rules and different software for plagiarism checking. Sampling techniques and criteria for selecting sample procedure and sample size calculations and different software for the same purpose.	15
Unit-III :	Bibliographies, citations: Different types of Bibliography and citation styles and Use of computer in Bibliography. Bibliographic data management softwares : Zotero, Endnote, Ezybib and other online tools; Citation Machine, Mendeley.	15
Unit-IV :	Solving statistical problems using computer: data entry and tabulation. Introduction to SPSS. Data Entry and Tabulation, Solving Statistical Problems in SPSS Software. Making diagrams by MS Excel and SPSS: bar diagram, pie chart, graph, pyramid, box plot diagram, error bar diagram etc.	15
Unit-V :	Correlation : Meaning and definition, Types of correlation, Methods of determining, Degree of correlation, Regression analysis, Difference in correlation and regression, Kind of regression analysis, Regression lines, Regression equation, Scattered plot diagram, Use of MS Excel and SPSS for correlation and regression analysis.	15

Essential Readings:

- **Madrigal, L.** (2012). *Statistics for anthropology*. New York: Cambridge University Press.
- **Field, A.** (2013). *Discovering statistics using IBM SPSS statistics*. London: Sage publication.
- **Dunn, O. J., & Clark, V. A.** (2009). *Basic statistics: a primer for the biomedical sciences*. Hoboken, N.J. : John Wiley & Sons.
- **Zar, J. H.** (1999). *Biostatistical analysis*. Harlow: Pearson Education Limited.
- **Crawford, M. H.** (2007). *Anthropological genetics: theory, methods and applications*. Cambridge [etc.]: Cambridge University Press.
- **Neale, B. M., AR, M., & Medland, S. E.** (Eds.). (2007). *Statistical genetics: gene mapping through linkage and association*. London: Taylor & Francis.
- **Pagano, M., Gauvreau, K., & Pagano, M.** (2000). *Principles of biostatistics (Vol. 2)*. Pacific Grove, CA: Duxbury.
- **Claverie, J. M., & Notredame, C.** (2013). *Bioinformatics for dummies*. Hoboken, N.J.: John Wiley & Sons.
- **Madrigal, L.** (2012). *Statistics for anthropology*. New York: Cambridge University Press.

Additional Readings:

- **Barnes, M. R., & Gray, I. C.** (Eds.). (2008). *Bioinformatics for geneticists*. West Sussex: John Wiley & Sons.
- **Rao, P. V.** (2007). *Statistical research methods in the life sciences*. [Belmont, CA] : Thomson Wadsworth.
- **Wonnacott, T. H., & Wonnacott, R. J.** (1972). *Introductory statistics* (Vol. 19690). New York: Wiley Library.
- **Fischer, M. D.** (1994). *Applications in computing for social anthropologists*. London ; New York : Routledge.

Ph.D. Course Work

ANT-CC-143

Research and Publication Ethics (RPE)

Course Objective

1. It aims to teach the students about ethics in research for better purpose driven research work.
2. It helps the students to follow scientific code of conduct for publication.
3. It also aims to teach the students about predatory journals by providing knowledge about various softwares and journals suggestion tools and research oriented databases.

Learning Outcomes:

1. Students become capable enough to follow the research ethics before conducting any research.
2. Students will learn about various software tools, journals and databases which help them to do research efficiently.
3. The scientific code of conduct will always assist the students to be in right direction while conducting research work.
4. Students will be capable enough to understand the philosophical perspective of ethics in research.
5. Students will understand the basic knowledge to publish the research paper in different publications.

Ph.D. Course Work
ANT-CC-144
Dissertation on Review of Published Research

Course Objective

1. The course's objective is to familiarize the existing literature in their relevant topic.
2. It aims to help the students in finding out the research gap.
3. It also help the students to develop their own synopsis.

Learning Outcomes:

1. It establishes the students' in-depth understanding and knowledge related to their chosen topic.
2. Students able to find out the research gap hence help them to design their own research work which are still unexplored or underexplored.
3. It illuminates on how the knowledge has changed within the field.
4. It highlights what has already been done in a particular field.
5. It will provide information of the generally accepted facts, emerging and current state of the topic of research to the students.
6. Students will also able to demonstrate how the research fits within a larger field of study.
7. Furthermore, it will provide an overview of the sources explored during the research of a particular topic.

Ph.D. Course Work
ANT-EC-141
Advances in Biological Anthropology

Course Objectives:

1. This course's objective is to make familiar the students with the core of biological anthropological research and its advancement.
2. This will aim to teach the students about human evolution and variation, historical development of biological anthropological research, anthropological genetics, and physiology and body composition.
3. It will also aim to provide knowledge regarding nutritional anthropology, anthropological demography and human growth and development.

Learning Outcomes:

1. Students will understand how biological anthropology differs from socio-cultural anthropology.
2. They will come to know how biology and anthropology holistically tries to study the human kind.
3. Varied fields of biological anthropology helps the students to have a wider perspective about human kind.
4. Students will get an in-depth insight about human evolution and variation, historical development of biological anthropological research, anthropological genetics, and physiology and body composition.
5. Furthermore they will gain a clear understanding about how anthropology holistically understand about nutritional status, demography and human growth and development of any population.

Ph.D. Course Work
ANT – EC -142
ADVANCES IN SOCIO-CULTURAL ANTHROPOLOGY

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Course Objectives:

1. The course's objectives are to familiarize students with the evolution of social sciences, the advent of modern western philosophical ideas, and the logical transition from one theory to another, as well as critical evaluation.
2. It aims to develop students' awareness of disadvantage groups and contemporary issues in Indian society, as well as their understanding of existing social problems. It will also introduce students to affirmative action and the empowerment of the marginalised groups.
3. It will also expose the students to current trends in the field of anthropology.
4. Students will learn about medical anthropology approaches and will be able to understand concepts such as health, illness, disease, medical pluralism, and ethno-medicine.

Learning outcomes:

1. Students will be able to critically analyse modern and post-modern social theories and understand the origins of philosophical debates in social sciences.
2. They will be able to apply sociological and anthropological theories in the real world to understand sociological trends.
3. They will become acquainted with affirmative action initiatives aimed at empowering marginalised groups, as well as learn about emerging trends in the field of anthropology.

Lectures

Unit-I :	Theories: Nature of social sciences, empiricism, rationalism and positivism, post structuralism, critical theory.	15
Unit-II :	Disadvantaged Groups and Contemporary issues in India :Issues concerning the subaltern groups: dalits, tribal, religious and linguistic minorities, disabled, third gender.	15
Unit-III :	New Departures: Kinship, material culture, visual and cyber anthropology, multi-culturalism, ethnicity and nationalism, migration, diaspora and borderland issues.	15
Unit-IV :	Affirmative Action and Empowerment: Right to Information, Right to Education, Right to food security, Social Security, Human Development Index.	15
Unit-V:	Medical Anthropology: Approaches to Medical Anthropology	15

Essential Readings:

- Anderson, B. (2006) [1983]. *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. London: Verso.
- Banks, M. and H. Morphy. (1997). *Rethinking Visual Anthropology*. New Haven: Yale University Press
- Barth, F. (Ed), *Ethnic Groups and Boundaries, The Social Organization of Culture Difference*, London,
- George Allen & Unwin, Baumann, G. (1996). *Contesting Culture: Discourse of Identity in Multi-Ethnic London*. Cambridge: Cambridge University Press.
- Brah, A. (1996). *Cartographies of Diaspora: Contesting Identities*. London: Routledge.
- Carsten, J. (2000). *Cultures of Relatedness - New Approaches to the Study of Kinship*. Cambridge: Cambridge University Press.
- Carsten, J. and S. Hugh-Jones (eds) (1995). *About the House: Levi-Strauss and beyond*. Cambridge: Cambridge University Press.
- Clarke, M. (2009). *Islam and New Kinship: Reproductive Technology, Anthropology and the Shari'ah in Lebanon*. Oxford: Berghahn.
- D'Andrade, R. G. (1995). *The Development of Cognitive Anthropology*. Cambridge: Cambridge University Press.
- Eriksen, T.H. (2010). *Ethnicity and Nationalism: Anthropological Perspectives*. London: Pluto.
- Foucault, M. (2007). *Archaeology of Knowledge*. London: Taylor and Francis.
- Gellner, D. (ed.) (2013). *Borderland Lives in Northern South Asia*. Durham: Duke University Press.
- Gellner, E. (2006). *Nations and Nationalism*. Oxford: Blackwell Publishing.
- Hobsbawn, E. and T. Ranger (eds). 1983 *The invention of tradition*. Cambridge: Cambridge University Press.
- Hollis, M. (1994). *The Philosophy of Social Science: An Introduction*. Cambridge: Cambridge University Press.
- Karlsson, B.G. (2011). *Unruly Hills: a Political Ecology of India's Northeast*. Oxford: Berghahn books.
- Loizos, P. (1993). *Innovation in Ethnographic Film: From Innocence to Self Consciousness 1955 – 1985*. Chicago: University of Chicago Press.
- Pink, S. (2001) 2007. *Doing Visual Ethnography: Images, Media and Representation in Research*. London: Sage Publications.
- Rose, G. (2001) 2005. *Visual Methodologies*. London: Sage Publications.
- Sen, A. (1999). *Commodities and Capabilities*. Oxford: Oxford University Press.
- Sen, A. (2001). *Development as Freedom*. Oxford: Oxford University Press.

Additional Readings:

- Shah, A. (2010). *In the Shadows of the State: Indigenous Politics, Environmentalism, and Insurgency in Jharkhand, India*. Durham and London: Duke University Press.
- Van Schendel, W. (2005). *The Bengal Borderland: Beyond State and Nation in South Asia*. London: Anthem Press