

Syllabus

Ph.D. Coursework
P. G. Department of Anthropology
(Centre of Advanced study in Anthropology)
2021-2022



**UTKAL UNIVERSITY, VANI VIHAR,
BHUBANESWAR.**

Ph.D. Coursework in Anthropology
(Centre of Advanced study in Anthropology)
P.G. Department of Anthropology
Utkal University, VaniVihar, Bhubaneswar.

The Coursework in Ph.D. in Anthropology consists of four papers, each carrying 100 marks. The details regarding syllabus, evaluation pattern and dates of examination/ submission of reports are given below.

Dates and deadlines for submission of report/ project paper/ essay/ laboratory report etc.

Paper	Item	Deadline (to be submitted by)
Paper-I	Part- A Essay Part-B Essay	21 st November 2022
Paper-II	Essay/ Research Problem-I Essay/ Research Problem-II	23 rd November 2022
Paper-III	Review of literature (Draft)	21 st December 2022
Paper-IV	Seminar Paper Presentation on review of literature 2 seminar presentation to be made, on a topic chosen by the candidate, before the SRC	22 nd December 2022

*the presentation of this research proposal/ synopsis should be made before 22nd December 2022

Papers:

Paper-I: Research Methodology and Ethics – 100 Marks

Paper-II: Computer Application – 100 Marks

Paper-III: Review of Literature-100 Marks

Paper-IV: Seminar by the candidate – 100 Marks

Paper-I

Research Methodology is divided into two parts; Part-A and Part-B. Part – A is compulsory for all candidates. It consists of three units and carries a total of 50 marks. Part-B deals with special papers (subject specialization). It consists of three units and a total of 50.

Part-A

Unit-I (50 Marks)

History and Philosophy of Science, history and methods of science, contribution of eminent philosophers to science; K.Popper, T.Kuhn, K. Polanyi

Unit-II

Positivistic Philosophy, Post-Positivistic Philosophy of science.

Unit-III

National Ethical Guidelines for Biomedical and Health Research Involving Human Participants: The Social and Behavioural Sciences (ICMR guideline).

Part-B

Group-A (Specialization in Social Anthropology) (50 Marks)

Unit-I

Aims of Anthropological Research, Methods of cultural anthropology, Ethnology and social Anthropology; comparative methods in Anthropology and its limitations methods in science: nature and type, methods of social science, problems of methodology in social Science, Scientific Method, Limitations and abuses of scientific Method.

Unit-II

Formulation and testing of hypothesis, deduction, Induction (Analytical and Synthetic) and Logical Positivism. Meaning and use of concepts, law of causation, Explanation and Models, Uniformities, Generalization and Laws.

Unit-III

Research Design and Application of Techniques.

Group-B(Specialization in Biological Anthropology and Human Genetics) (50 Marks)

Unit-I

Extract of DNA, PCR Analysis, Spectrophotometric Analysis, HDL and LDL Analysis, Blood Cell counting, Gel Documentation, DNA Sequencing.

Unit-II

Bioinformatics and Genome Analysis

Unit- III

Software application in Genome Analysis and Nutrition Studies.

Groups-C (Specialization in Prehistoric Archaeology) (50 Marks)

Unit-I

Social Archaeology, Establishing the nature and scale of the society Techniques of study for band, society's seminary societies, chiefdoms and states.

Unit-II

Cognitive Archaeology investigating how human symbolizing faculties evolved, working with symbols from written source to cognitive map, symbols of organization and power the archaeology of religion, depiction art and representation.

Unit-III

Formation processes in Archaeology Role of formation processes in Indian Archaeology formation processes and prehistoric sites in India, study of formation processes of Neolithic and Chalcolithic sites, role of Geographic information system (GIS) in the study of formation processes.