

P.G. 2nd Semester

Paper: ANT801C (Core)
Anthropological Theories
Credits: 4 = 3+1+0 (48 Lectures)

COURSE OUTLINE---- The course outlines the major theoretical trends of Anthropology from colonial times to the present.

Unit I: Emergence of Anthropological Theories: Impact of Colonialism.

Unit II: Evolutionism (Unilinear, Multilinear and Neo-evolutionism) and Diffusionism (British, German and American);

Unit III: Historical Particularism: Theoretical implications, contributions of Boas and limitations of historical particularism.

Unit IV: Materialist Perspective on culture: Cultural materialism, contribution of Marvin Harris and Leslie White, critique of cultural materialism.

Historical materialism: Historical materialist approach of Karl Marx, anthropological significance of Marxian ideas, critique of historical materialism.

Unit V: Functionalism: Functionalism of Malinowski, Merton and Parsons. Structural-functionalism of Radcliffe-Brown. Contributions and limitations.

Unit VI: Structuralism: Contributions of Levi-Strauss and Edmund Leach, Critique of structuralism.

Unit VII: Other Classical Theoretical Approaches: Culture-Personality (Margaret Mead), Pattern-Configuration (Ruth Benedict), Culture Interpretations (Clifford Geertz)

Unit VIII: Post-structuralism and post-modernism (M.Foucault, P.Bourdieu)-an overview.

Recommended Readings:

Bidney, David. 1953. *Theoretical Anthropology*. New York: Colombia University Press

Collins, Randall.1997. *Theoretical Sociology*. New Delhi: Rawat Publications

Evans-Pritchard,E.E.1981. *A History of Anthropological Thought*. London: Faber &Faber

Harris, Marvin 1968. *Rise of Anthropological Theory*. London: Routledge&Kegan Paul

Honnigman,J. 1997. *Handbook of Social and Cultural Anthropology*. New Delhi: Rawat Publications.

Ingold, Tim 1996.*Key Debates in Anthropology*. London: Routledge

Layton, Robert. 1997. *Introduction to Theory in Anthropology*. Cambridge University Press.
McGee, R.J and R.L. Warms. 1996. *Anthropological Theory*. London: Mayfield Pub.

Paper: ANT801C (Core)
Research Methodology and Fieldwork in Anthropology
Credits: 4 = 2+0+2 (32 Lectures)

COURSE OUTLINE---- This course aims at developing a scientific approach to social research as well as exposing the students to the field situation preferably in tribal and rural settings for training in the ethnographic method of field research which is central to anthropology as an academic discipline inquiry.

Note 1: The practical component of this Course will be conducted outside classroom, but data analysis and report writing will be completed in the classroom in Lecture and Tutorial classes.

Unit I: Social Research: Concept and types: quantitative and qualitative approaches and uses in social science research. Research Design: Definition and type of research design; steps in research design: review of literature; formulation of research problem; formulation of hypothesis

Unit II: Ethnography: Basic Concept. Techniques of rapport establishment; Methods and Techniques of Data Collection: Observation, Interview, Genealogy, Case Study, Focused Group Discussion (FGD), Schedule and Questionnaire, Participatory Rural Appraisal (PRA). Report writing.

Unit III: Sample and Sampling Techniques; Measures of Central tendency; Dispersion; Test of Significance: Chi-Square test, t-Test; Correlation and regression equation.

Unit IV: Fieldwork (Practical)

The fieldwork is to be arranged and conducted by the Department in a suitable rural setting. The duration of the fieldwork is maximum 15 days. The fieldwork should be carried out by the entire batch of students as a team-work. However, each student is to be given a separate topic for

writing a report. After coming back from the field, the students should undertake the analysis and report-writing under the guidance of the teachers assigned.

1. Introduction to Analysis of data collected in Ethnographic fieldwork
2. Compilation and organizing the data; field notes, transcript informal interviews, diary and logbook.
3. Analysis of the data collected through
 - i) Informal and key informant interviews
 - ii) Observation notes
 - iii) Genealogy
 - iv) Census
 - v) Focused Group interviews
 - vi) Case narratives and case studies.

Suggested Readings:

- Dawson, Catherine : *Practical Research Methods*
Basu. ,M.N *Field Methods in Anthropology and other Social Sciences*
Creswell, John.W.2009.*Research Design*. New Delhi: Sage Publications.
Danda, Ajit. *Research Methodology in Anthropology*, Inter- India, New Delhi.
Fernandes & Tondon, *Participatory Research*.
Goode and Hatt : *Methods in Social Research*
Gupta, S.P : *Statistical Methods*
H. Russel. Bernard, *Handbook of Methods in Cultural Anthropology*, Altamira Press.
Kassam & Mustafa: *Participatory Research*
Kothari, C.R : *Research Methodology*
Kluckhohn, C : *Use of Personal Documents in Anthropology*
Madrigal, Lorena. *Statistics for Anthropology*.
Mukherjee, Neela. *Participatory Rural Appraisal and Questionnaire Survey*.
Pelto P.J. & Pelto, G.H *Anthropological Research: The Statement of Inquiry*
Spindler : *Case studies in Anthropology*
Royal Anthropological Institute of Great Britain Notes and Queries in Anthropology.
Young, P.V *Scientific Social Survey and Research*.
Russel, Bernard H *Research Methods in Anthropology*.
-

Paper: ANT803C (Core)
Human Genetics
Credits: 4 = 3+1+0 (48 Lectures)

COURSE OUTLINE---- This course intends to throw light on human genetics, tracing its history, Mendelian inheritance in man, sex determination, Mendelian populations, Chromosomal aberrations, and gene and genetic code.

Unit I: Chromosomal morphology, karyotyping, nomenclature, autoradiography, banding techniques; Linkage and crossing over, Watson and Crick model of DNA; Gene and genetic code; DNA Replication and protein synthesis.

Unit II: Mendelian inheritance in man: single factor inheritance, multiple allele, sex linked inheritance, polygenic inheritance.

Unit III: Gametogenesis, sex chromosome, Determination of sex, ambiguous sex, Barr bodies, Lyon hypothesis.

Unit IV: Lethal and Sub lethal genes; Penetrance and expressivity.

Unit V: Mendelian populations; concept of genetic equilibrium; Hardy-Weinberg law, application of Hardy-Weinberg law in human population genetics. Causes of deviation from Hardy-Weinberg equilibrium.

Unit VI: Mutation: Types, causes and consequences.

Unit VII: Chromosome Aberration: Types and Causes, Cri-du-chat Syndrome, Philadelphia chromosome, Down's syndrome, Patau's syndrome, Edward's syndrome, Turner's syndrome, Klinefelter's syndrome.

Recommended Readings:

Boyd, W.C. *Genetics and the Races of Man*, Little Brown & Co. Boston, 1950.

Carlson, E.A., *Human Genetics*, Tata McGraw – Hill Pub. Co. Ltd, New Delhi, 1985.

Das, B M. *Outline of Physical Anthropology (26th Edition)*. Kitab Mahal, Allahabad, 2008.

Gardner, Simmons, M. J., Snustad, D. P., *Principals of Genetics (8th Edition)*. John Wiley & Sons Pvt. Ltd., Singapore, 2006.

Harrison GA, Tanner JM, Pilbeam DR and Baker PT, *Human Biology: An Introduction to Human Evolution, Variation and Growth and Adaptability 3rd edition*. Oxford University Press. Oxford, 1988.

Hooton, A.E., *Up from the Ape*, Macmilan, Delhi, 1965.

Lasker, G.W., *Physical Anthropology*, Holt, Rinehart & Wiston, New York, 1976.

McKusick, V.A., Antonarakis, S.E., *Mendelian Inheritance in Man: A Catalog of Human Genes and Genetic Disorders*, Volume 2, Johns Hopkins University Press, Baltimore, Maryland, United States, 1998.

Mckusick, V.A., *Human Genetics*, Prentice Hall, New Delhi, 1969.

- McKusick, V.A., *Mendelian Inheritance in Man: Catalogs of Autosomal Dominant, Autosomal Recessive and X Linked Phenotypes*, Baltimore, Maryland, United States, 1966.
- Montagu, M.F.A., *An Introduction to Physical Anthropology*, Charles C. Thomas, Illinois, 1961.
- Mukherji, D., Mukherjee, D, Bharati, P., *Laboratory Manual for Biological Anthropology*, Asian Books Pvt. Ltd., New Delhi, 2009.
- Race, R.R. and Sanger, R., *Blood groups in Man*, Blackwell Scientific Publications, Oxford, 1975.
- Rothwell, N.V. *Human Genetics*, Prentice Hall of India, New Delhi, 1978.
- Sarkar, R M. *Fundamentals of Physical Anthropology*. Vidyodata Library Pvt. Ltd. Calcutta, 1997.
- Stern, Curt, *Principles of Human Genetics*, Eurasia Publishing House Pvt. Ltd., New Delhi, 1963
- Stoneking, Mark, *An Introduction to Molecular Anthropology*, Wiley-Blackwell, New Jersey, 2017.
- Winchester, A.M., *Genetics*, Oxford & IBN Publishing Co., New Delhi, 1967.

Paper: ANT804C (Core)
Prehistoric Cultural Pattern in the Old World
Credits: 4 = 3+1+0 (48 Lectures)

COURSE OUTLINE---- The aim of the paper is to provide an insight into the different palaeolithic and post- palaeolithic cultures through which humanity has passed through in different parts of the world.

Unit I: Lower Palaeolithic Cultures

- A) Oldowan in Africa,
- B) Abbevillian, Acheulean, Clactonian development in Europe; Important sites
- C) Palaeolithic Cultures in South East Asia: Non-Biface Tradition – Patjitanian, Anayathian, Tampanian and Zoukotian.
- D) Associated fossils – *Homo habilis* and *Homo erectus*.

Unit II: Middle Palaeolithic Cultures

Mousterian and Levalloisean cultural development in Europe
Associated fossil finds – Neanderthal Man.

Unit III: Upper Palaeolithic Cultures in Europe

Upper Palaeolithic Rock Art and painting

Appearance of *Homo Sapiens Sapiens*

Unit IV: Mesolithic Cultures –

A) Salient Features of different Mesolithic Cultures in Europe,

B) The Ecology of Natufian in Palestine

C) Mesolithic in South East Asia – Hoabinhian, Spirit Cave and Non Nok Tha.

Unit V: Evolution of Early Farming – Origin and Distribution

A) Neolithic Revolution.

B) Origin of Agriculture in West Asia

C) Ecology of a Village Farming Community: Jarmo

D) Early Agriculture in Southeast and East Asia (Yengse Valley).

Unit VI: Urban Origin in Near Eastern Flood Plains – It's Significance.

Recommended Readings:

Beals R.L. & H. Hoizer & A.R. Beals. *An Introduction to Anthropology*.

Bhattacharyya, D. K. *Prehistoric Archaeology*.

Bhattacharyya, D. K. *Indian Prehistory*.

Bhattacharyya, D.K. *Emergence of Cultures in Europe*.

Bordes, F. *The Old Stone Age*.

Bordes, F. *The Tools of the Old and New Stone Age*.

Burkitt, M.C. *The Old Stone Age*.

Chester, Chard. *Man in prehistory*, McGraw Hill.

Clark, J.G.D. *Mesolithic Settlement in Northern Europe*. Cambridge University Press.

Cole, Sonia. *The Neolithic Revolution*. British Museum.

Fagan, Brian M. *People of the Earth: An Introduction to World Prehistory*.

Gordon, Childe V. *Man Makes Himself*. Coronet Books.

Miller, Barbara. *Cultural Anthropology*. Pearson.

Oakley K.P. *Man the Tool Maker*.

Reddy V. Rami. *Elements of Prehistory*.

Scupin, R & C. R. DeCorse. *Anthropology: A Global Perspective*.

Sankalia, S.D. *Prehistory and Protohistory of India and Pakistan*.

Paper: ANT805L (Lab)
Lithic and Ceramic Technology
Credits: 4 = 0+0+4

COURSE OUTLINE----

Unit I: Practical on Lithic Technology

Prehistoric Technology: Identification of Different Lithic Techniques. Students are to be taught about Proper Drawing of Tools Representing Different Lithic Techniques.

- A. They have to Draw atleast 10 Tools.
- B. They have to Maintain a Practical Note Book.

Unit II: Laboratory work on Pottery Reconstruction

- A. Identification of Hand Made and Wheel Made Pottery.
- B. Description of Prehistoric and Historic Pottery - Neolithic, Chalcolithic, Harappan and Megalithic, Historical Pottery, (Ambari Ware)
- C. Method of Reconstruction of Pottery from Historic or Prehistoric Context.
- D. Students should have Knowledge of Proper Drawing and Description of Pottery.
- E. They have to Identify the Different Ceramic Terms – Rim, Neck, Shoulder, Base,
- F. They have to Maintain a Laboratory Note Book

Unit III: Project Work on Archaeological Classification

Note: As per guidance of the teacher, Students will classify a no of lithic tools in the laboratory taking different criteria and divide the tools into various types – morphological or functional category.

Recommended Readings:

- Bordes, F. The Old Stone Age.
- Bordes, F. The Tools of the Old and New Stone Age.
- Oakley K.P. Man the Tool Maker.