



List of Revised Courses

Department : Anthropology and Tribal Development

Program Name : B.A./B.Sc

Academic Year :2021-22

List of Revised Courses

Sr. No.	Course Code	Name of the Course
1.	AAUATT1/ ASUATT1	Introduction to Socio-cultural Anthropology
2.	AAUALT1/ ASUALT1	Practical in Social Anthropology
3.	AAUATT2/ ASUATT2	Introduction to Biological Anthropology
4.	AAUALT2/ ASUALT2	Practical in Biological Anthropology
5.	AAUATG1/ ASUATG1	Basics of Biological Anthropology
6.	AAUALG1/ ASUALG1	Practical based on GE-1
7.	AAUATA1/ ASUATA1	English Communication / MIL (Hindi Communication)
8.	AAUBTT1/ ASUBTT1	Introduction to Archaeological Anthropology
9.	AAUBLT1/ ASUBLT1	Practical on Archaeological Anthropology
10.	AAUBTT2/ ASUBTT2	Fundamentals of Human Origin & Evolution
11.	AAUBLT2/ ASUBLT2	Practical on Human Origin & Evolution
12.	AAUBTG2/ ASUBTG2	Social Cultural Anthropology: Theoretical Perspective
13.	AAUBLG2/ ASUBLG2	Practical based on GE-2
14.	AAUBTA2/ ASUBTA2	Environmental Science
15.	AAUCTT1/ ASUCTT1	Tribes, Caste and Peasants: Indian Context
16.	AAUCLT1/ ASUCLT1	Practical in Tribes, Caste and Peasants: Indian Context
17.	AAUCTT2/ ASUCTT2	Human Ecology: Biological & Cultural dimensions
18.	AAUCLT2/ ASUCLT2	Practical in Human Ecology
19.	AAUCTT3/ ASUCTT3	Biological Diversity in Human Populations
20.	AAUCLT3/ ASUCLT3	Practical on Biological Diversity in Human Populations



21.	AAUCTG3/ ASUCTG3	Human Ecology: Biological & Cultural dimensions
22.	AAUCLG3/ ASUCLG3	Practical based on GE
23.	AAUCTL1/ ASUCTL1 AAUCLL1/ ASUCLL1	To be chosen from available SEC papers
24.	AAUDTT1/ ASUDTT1	Theories of Culture and Society
25.	AAUDLT1/ ASUDLT1	Practical on Culture and Society
26.	AAUDTT2/ ASUDTT2	Human Growth and Development
27.	AAUDLT2/ ASUDLT2	Practical on Human Growth and Development
28.	AAUDTT3/ ASUDTT3	Research Methods
29.	AAUDLT3/ ASUDLT3	Practical in Research Methods
30.	AAUDTG4/ ASUDTG4	Basic Research Methodology
31.	AAUCLG4/ ASUCLG4	Practical Based on GE-4
32.	AAUDTT3/ ASUDTT3 AAUDTL3/ ASUDTL3	To be chosen from available SEC papers
33.	AAUETT1/ ASUETT1	Human Genetics
34.	AAUFLT1/ ASUFLT1	Practical on Human Genetics
35.	AAUETT2/ ASUETT2	Anthropology in Practice
36.	AAUFLT2/ ASUFLT2	Practical on Anthropology in Practice
37.	AAUETD1/ ASUETD1	To be chosen from available DSE papers*
38.	AAUELD1/ ASUELD1	Practical based on DSE-1
39.	AAUETD2/ ASUETD2	To be chosen from available DSE papers*
40.	AAUDLD2/ ASUDLD2	Practical based on DSE-2
41.	AAUFTT1/ ASUFTT1	Applied Biological Anthropology
42.	AAUFLT1/ ASUFLT1	Practical on Applied Biological Anthropology
43.	AAUFTT2/ ASUFTT2	Indian Anthropology
44.	AAUFLT2/ ASUFLT2	Practical on Indian Anthropology
45.	AAUFTD1/ ASUFTD1	To be chosen from available DSE papers*



46.	AAUFLD1/ ASUFLD1	Practical based on DSE-1
47.	AAUFLF1/ ASUFLF1	Will be decided by HOD in consultation with other faculties



Minutes of Meetings (MoM) of Board of Studies (BoS)

Academic Year :2021-22

School : School of Studies in Life Sciences

Department : Anthropology and Tribal Development

Date and Time : October 26, 2021- 10:30AM to 4:00 AM

Venue :E-Class Room

Department of Anthropology and Tribal Development

Sub: Minutes of the BoS meeting for BA/B.Sc and MA and M.Sc syllabus.

The BoS approved CBCS based BA/B.Sc and CBCS based MA and M.Sc syllabus are submitted for onward action. The BoS of the department was organised on 26.10.2021 through online mode. The HVC nominee joined online and gave couple of feedback as per the CBCS needs to improve the existing syllabus. Accordingly, the syllabus were revised and approved in the BoS of the department

A.R. (Acad)

Nilakanth
26/10/21
Anthropology

Members:

1. Prof Jagannath Das
Prof of Anthropology
Utkal University
Bhubaneswar
Odisha
HVC Nominee
2. Mr. Balaram Oraon
Assistant Professor
Dept of Anthropology and tribal Development
GGV, Bilaspur
Member
3. Dr. Nilakantha Panigrashi
Associate Professor
Dept of Anthropology and Tribal Development
GGV, Bilaspur
Member
4. Dr. Nilakantha Panigrashi
Associate Professor
Dept of Anthropology and Tribal Development
GGV, Bilaspur
HoD and Chairman of BoS

online, mail attached

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26/10/21
Department of Anthropology & T.D.
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Signature & Seal of Ho

List of Revised Courses

Criteria - I (1.1.2)

Nilakanth
26/10/21
Department of Anthropology & T.D.
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



Scheme and Syllabus

Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
I	Core-1	AAUATT1/ ASUATT1	Introduction to Socio-cultural Anthropology	4	4
	Core -1 Practical	AAUALT1/ ASUALT1	Practical in Social Anthropology	2	4
	Core -2	AAUATT2/ ASUATT2	Introduction to Biological Anthropology	4	4
	Core -2 Practical	AAUALT2/ ASUALT2	Practical in Biological Anthropology	2	4
	Generic Elective -1 (GE- IA)*	AAUATG1/ ASUATG1	Basics of Biological Anthropology	4	4
	Generic Elective -1 Practical*	AAUALG1/ ASUALG1	Practical based on GE-1	2	4
	Ability Enhancement Compulsory Course (AECC)	AAUATA1/ ASUATA1	English Communication / MIL (Hindi Communication)	2	2
			TOTAL	20	26



Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
II	Core-3	AAUBTT1/ ASUBTT1	Introduction to Archaeological Anthropology	4	4
	Core -3 Practical	AAUBLT1/ ASUBLT1	Practical on Archaeological Anthropology	2	4
	Core -4	AAUBTT2/ ASUBTT2	Fundamentals of Human Origin & Evolution	4	4
	Core -4 Practical	AAUBLT2/ ASUBLT2	Practical on Human Origin & Evolution	2	4
	Generic Elective - 2 (GE-IB)*	AAUBTG2/ ASUBTG2	Social Cultural Anthropology: Theoretical Perspective	4	4
	Generic Elective -2 Practical*	AAUBLG2/ ASUBLG2	Practical based on GE-2	2	4
	Ability Enhancement Compulsory Course-2 (AECC)	AAUBTA2/ ASUBTA2	Environmental Science	2	2
			Total	20	26



*Papers are to be taken from any of the following Departments					
For BA			For B.Sc.		
English, Hindi, Economics, Political Science, Journalism and Mass Communication.			Botany, Biotechnology, Chemistry, ForensicScience, Zoology,		
SUMMER Internship: 15 days (Optional)	2 CREDITS	Swayam/Swachhta Abhiyan / NSS / Industrial/ others		2 CREDITS	
Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
III	Core-5	AAUCTT1/ ASUCTT1	Tribes, Caste and Peasants: Indian Context	4	4
	Core -5 Practical	AAUCLT1/ ASUCLT1	Practical in Tribes, Caste and Peasants: Indian Context	2	4
	Core -6	AAUCTT2/ ASUCTT2	Human Ecology: Biological & Cultural dimensions	4	4
	Core - 6 Practical	AAUCLT2/ ASUCLT2	Practical in Human Ecology	2	4
	Core - 7	AAUCTT3/ ASUCTT3	Biological Diversity in Human Populations	4	4
	Core - 7 Practical	AAUCLT3/ ASUCLT3	Practical on Biological Diversity in Human Populations	2	4
	Generic Elective - 3* (GEII-A)	AAUCTG3/ ASUCTG3	Human Ecology: Biological &	4	4

List of Revised Courses

Criteria - I (1.1.2)



			Cultural dimensions		
	Generic Elective – 3 Practical*	AAUCLG3/ ASUCLG3	Practical based on GE	2	4
	Skill Enhancement Course-1 (SEC)	AAUCTL1/ ASUCTL1	To be chosen from available SEC papers^	1	1
	Skill Enhancement Course-1 (SEC) Practical	AAUCLL1/ ASUCLL1		1	1
			Total	26	34
Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
IV	Core-8	AAUDTT1/ ASUDTT1	Theories of Culture and Society	4	4
	Core -8 Practical	AAUDLT1/ ASUDLT1	Practical on Culture and Society	2	4
	Core -9	AAUDTT2/ ASUDTT2	Human Growth and Development	4	4
	Core -9 Practical	AAUDLT2/ ASUDLT2	Practical on Human Growth and Development	2	4
	Core – 10	AAUDTT3/ ASUDTT3	Research Methods	4	4
	Core -10 Practical	AAUDLT3/ ASUDLT3	Practical in Research Methods	2	4
	Generic Elective - 4* (GEII-B)	AAUDTG4/ ASUDTG4	Research Methodology	4	4



	Generic Elective -4 Practical	AAUCLG4/ ASUCLG4	Practical Based on GE-4	4	4
	Skill Enhancement Course-2 (SEC)	AAUDDT3/ ASUDDT3	To be chosen from available SEC papers^	1	1
	Skill Enhancement Course-2 (SEC) Practical	AAUDDL3/ ASUDDL3		1	1
	TOTAL			28	34

SUMMER Internship: 15 days (Optional)	Swayam/Swachhta Abhiyan/NSS / Industrial/ others	2	6
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Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
V	Core-11	AAUETT1/ ASUETT1	Human Genetics	4	4
	Core -11 Practical	AAUELT1/ ASUELT1	Practical on Human Genetics	2	4
	Core -12	AAUETT2/ ASUETT2	Anthropology in Practice	4	4
	Core -12 Practical	AAUELT2/ ASUELT2	Practical on Anthropology in Practice	2	4



	Discipline Specific Elective-1 (DSE-1)	AAUETD1/ ASUETD1	To be chosen from available DSE papers*	4	4
	Discipline Specific Elective-1 (DSE-1) Practical	AAUELD1/ ASUELD1	Practical based on DSE-1	2	4
	Discipline Specific Elective-2 (DSE-2)	AAUETD2/ ASUETD2	To be chosen from available DSE papers*	4	4
	Discipline Specific Elective-2 (DSE-2) Practical	AAUDLD2/ ASUDLD2	Practical based on DSE-2	2	4
			TOTAL	24	32
Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
VI	Core-13	AAUFTT1/ ASUFTT1	Applied Biological Anthropology	4	4
	Core -13 Practical	AAUFLT1/ ASUFLT1	Practical on Applied Biological Anthropology	2	4
	Core -14	AAUFTT2/ ASUFTT2	Indian Anthropology	4	4
	Core -14 Practical	AAUFLT2/ ASUFLT2	Practical on Indian Anthropology	2	4
	Discipline Specific Elective-3 (DSE-3)	AAUFTD1/ ASUFTD1	To be chosen from available DSE papers*	4	4



	Discipline Specific Elective-3 (DSE-3) Practical	AAUFLD1/ ASUFLD1	Practical based on DSE-1	2	4
	Field Work or Project work followed by Presentation/Viva- voce etc.	AAUFLF1/ ASUFLF1	Will be decided by HOD in consultation with other faculties	6	21
			TOTAL	24	45
			TOTAL CREDITS	122 + 4 (SI*)	

Where; SI* = Summer Internship



*List of DSE & AECC papers is attached at the End

Discipline Specific Course (DSE) Two each in Semester V and VI. To be chosen from the following.	Ability Enhancement Elective Course (Skill Based) One each in Semester III and IV. To be chosen from the following
DSE-1: Sports Anthropology	AEEC-1: Statistical Package for Social Science (SPSS)
DSE-2: Advanced Human Genetics	AEEC-2: Museum Anthropology
DSE-3: Anthropology of Religion, Politics and Economy	AEEC-3: Tourism Anthropology
DSE-4: Anthropology of Social Movement	AEEC-4: Media Anthropology
DSE-5: Tribal Cultures of India	
DSE-6: Anthropology of Health	
DSE-7: Palaeoanthropology	
DSE-8: Ethnography of Tribes of Chhattisgarh	
DSE-9: Urban Anthropology	
DSE-10: Research Methods in Social Science	
DSE-11: Visual Anthropology	
DSE-12: Indian Archaeology	
DSE-13: Demographic Anthropology	
DSE-14: Applied Anthropology and Tribal Development	
DSE-15 Field Work (in Semester VI only)	

DEPARTMENT OF ANTHROPOLOGY & TRIBAL DEVELOPMENT GURU GHASIDAS VISHWAVIDYALAYA,
BILASPUR Chhattisgarh



OUTCOME OF THE UG HONORS SYLLABUS

- (i) The students will have a fundamental and systematic or coherent understanding of the academic field of Anthropology, its different branches and applications, and its linkages with related disciplinary areas/subjects;
- (ii) The students will have knowledge that creates different types of professionals related to the disciplinary/subject area of Anthropology, including professionals engaged in research and development, teaching and government/public services;
- (iii) A skilful group of students with different specializations of Anthropology and emerging developments in the field of Anthropology will be available in the market.
 - Students will demonstrate the ability to use the knowledge of Anthropology in formulating and tackling Anthropology-related problems and identifying and applying appropriate anthropological principles and methodologies to solve a wide range of problems associated with human society.
 - All the stakeholders including the students will recognize the importance of qualitative as well as quantitative data and approaches/methods in comprehending the human society.
 - Students will plan and execute Anthropology-related experiments or field investigations, analyze and interpret data/information collected using appropriate methods, including the use of appropriate software such as programming languages and report accurately the findings of the experiment/field investigations while relating to the conclusions/findings to relevant theories of Anthropology.
 - The students will demonstrate relevant generic skills and global competencies such as:
 - (i) Students will possess problem solving skills that are required to solve different types of Anthropology-related problems with well-defined solutions, and tackle open-ended problems that may cross disciplinary-area boundaries;
 - (ii) Students will be competent enough in investigating skills, related to Anthropology-related issues and problems;
 - (iii) Students will be equipped with communication skills involving the ability to listen carefully, to read text and research papers analytically and to present complex information in a concise manner to different groups/audiences;
 - (iv) Analytical skills of the students will be increased and ability to construct logical



arguments using correct technical language related to Anthropology;

(vi) Personal skills ability of the students will be increased to work both independently and in a group.

➤ The students will demonstrate professional behavior such as:

- (i) being objective, unbiased and truthful in all aspects of work and avoiding unethical behavior such as fabricating, falsifying or misrepresenting data or to committing plagiarism;
- (ii) With the ability to identify the potential ethical issues in work-related situations;
- (iii) And will appreciate the intellectual, environmental and sustainability issues; and
- (iv) In promoting safe learning and working environment



B.A./B.Sc. Ist Semester

Core:- Introduction to Social - Cultural Anthropology

Paper Code: AAUATT1/ ASUATT1

4 Credits

Unit I:	Social and Cultural Anthropology: meaning, scope and development of social and cultural anthropology; Relationship with other social sciences.
Unit II:	Basic Concepts in Cultural Anthropology: Concept of culture, characteristics of culture; Attributes of culture: culture trait, culture complex, cultural area.
Unit III:	Basic Concepts in Social Anthropology: Social structure and social organization, social system, Culture and Civilization.
Unit IV:	Social Institutions: Family – Definition, characteristics, typology, functions, changes in the concept; Marriage – Definition, typology of marriage, ways of acquiring mates, bride price and dowry; Kinship: definition; Types of kinship terms: classificatory and descriptive.
Unit V:	Economic and Political Organization: Concept and scope, characteristics. Types of economies, Typology of political system: Band, tribe, chiefdom, state.

Suggested Readings

1. Davis, Kingsley. (1949). Human Society. New York: Macmillan Co.
2. Metcalf, Peter. (2005). Anthropology: the Basics. Abingdon [England]: Routledge.
3. Barnard, Alan. (2000). History and Theory in Anthropology. Cambridge, U.K.: Cambridge University Press.
4. Nadel, S. F. (1951). The Foundations of Social Anthropology. Glencoe, Ill: Free Press.
5. Harris, C. C. 1990. Kinship Concepts in Social Thought. Minneapolis: University of Minnesota Press.
6. Levi-Strauss, Claude. 1969. The elementary structures of kinship. Boston: Beacon Press.
7. Goody, Jack, and Meyer Fortes. 1973. The Character of kinship. Cambridge [Eng.]: University Press.
8. Trautmann, Thomas R. 1981. Dravidian Kinship. Cambridge studies in social anthropology. Cambridge: Cambridge University Press.
9. Radcliffe-Brown, A. R., and Cyril Daryll Forde. 1950. African systems of kinship and marriage. London: Published for the International African Institute by the Oxford University Press.
10. Farber, Bernard. 1966. Kinship and family organization. New York: Wiley.
11. Barnes, J. A. 1971. Three styles in the study of kinship. Berkeley: University of California Press.
12. Karve, Irawati. 1968. Kinship organization in India. London: Asia Publication House.



B.A./B.Sc. Ist Semester

Core-1 Practical in Social - Cultural Anthropology

Paper Code:- AAUALT1/ ASUALT1 2 Credits

Methods and Techniques of Social Anthropology: The practical will include the following techniques and methods used in collection of data in Social Anthropology.

1. Introduction to the Anthropology Methods: Why anthropology is important for socialresearch
2. Observation
3. Interview
4. Questionnaire and Schedule
5. Case study
6. Life history

Suggested Readings:

1. Bernard H.R. (1940). Research Methods in Cultural Anthropology. Newbury Park: Sage Publications.
2. Karen O'Reilly. (2012). 'Practical Issues in Interviewing', Ethnographic Methods. Abingdon: Routledge.
3. Goode and Hatt (1952). Methods in Social Research, Mac-Graw Hill
3. O'reilly K. (2012). Ethnographic Methods. Abingdon: Routledge.
4. Royal Anthropological Institute of Great Britain and Ireland (1971). Methods", In Notes and Queries on Anthropology. London: Routledge & Kegan Paul Ltd.



B.A./B.Sc. Ist Semester

Core – 2: Introduction to Biological Anthropology

Paper Code: ANT- AAUATT2/ ASUATT2

4 Credits

- Unit I: Meaning and scope of anthropology, branches of anthropology; History and Subject matter of physical/biological Anthropology; Relationship of physical/biological anthropology with other disciplines: medical and health sciences, life sciences, earth sciences, and environmental sciences.
- Unit II: Fundamentals of physical/biological anthropology: a. Human Evolution; b. Human Variation; c. Human Genetics; d. Human Growth and Development
- Unit III: Theories of organic evolution (Lamarckian, Darwinian, and Synthetic).
- Unit IV: Position of man in animal kingdom: living primates, distribution, characteristics, phylogeny, classification; comparative anatomy of man and apes; Primate Behavior.
- Unit V: Concept of race, genetic basis of race, UNESCO Statement on Race; ethnic group, racial classification of human populations (H.H Risley and B.S Guha's classification)

Suggested Readings:

1. Craig Stanford, John S. Allen and Susan C. Anton (2008) Biological Anthropology (2nd Edition).
2. John Buettner-Janusch (1969) Origins of Man. Wiley Eastern Pvt Ltd
3. E. L. Simon (1972) Primate Evolution: An Introduction to Man's Place in Nature. New York, MacMillan.
4. Craig Stanford, John S. Allen and Susan C. Anton (2009) Exploring Biological Anthropology: The Essentials, Prentice Hall.
5. Michael Park (2007) Biological Anthropology: An Introductory. Reader, McGraw Hill.
7. P. K. Seth & S Seth (1986) Perspectives in Primate Biology. New Delhi, Today & Tomorrow Printers.
8. John G. Fleagle (1999) Primate Adaptation and Evolution. Elsevier. 9 E.A. Hooton (1947) Up from the Ape. New York, MacMillan.
10. M. F. Ashley Montague (1977) UNESCO Statement on Race. New York, Academic Press.
11. G.A. Harrison et al. (1988) Human Biology. Oxford, Oxford University Press.



B.A./B.Sc. Ist Semester

Core-2 Practical in Biological Anthropology

Paper Code:- AAUALT2/ ASUALT2

2 Credits

Somatometry

1. Maximum head length
2. Physiognomic facial height
3. Maximum head breadth
4. Morphological facial height
5. Minimum frontal breadth
6. Physiognomic upper facial height
7. Maximum bizygomatic breadth
8. Morphological upper facial height
9. Bigonial breadth
10. Head circumference
11. Nasal height
12. Stature
13. Nasal length
14. Sitting height
15. Nasal breadth

Somatoscopy

1. Head form
2. Hair form
3. Facial form
4. Eye form
5. Nose form
6. Hair colour
7. Eye colour
8. Skin colour

Suggested Readings

1. I. P. Singh & M. K. Bhasin. (1989) A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Delhi.
2. D. Mukherjee, D. Mukherjee & P. Bharati. (2009) Laboratory Manual for Biological Anthropology. Asian Book Private Limited, New Delhi.
3. B.M. Das & R. Deka. Physical Anthropology Practical. Kitab Mahal, Allahabad, U.P.
4. S.J. Ulijaszek and C.G.N. Mascie-Taylor. Anthropometry: the individual and the population.
5. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthropol. Inst., (Lond.) 1884, 14, 205).

B.A./B.Sc. IInd Semester

Core -3: Introduction to Archaeological Anthropology

Paper Code: AAUBTT1/ ASUBTT1

4 Credits

Unit I: Introduction

- Conceptual understanding: Meaning, Definition and scope, its relation with history and archeology.

Unit II: Methods of Estimation of Time and Reconstruction of the Past

- Absolute dating methods (c¹⁴)
- Relative dating methods.

Unit III: Geochronology of Pleistocene Epoch

- Detailed Structure of Geological Time Scale
- Glacial and Interglacial periods
- Pluviation and Inter Pluviation periods

Unit IV: Understanding Culture

- Technique of Tool manufacture
- Classification of Lithic tools and Typology

Unit V: Evidence of Prehistoric Culture: India and Europe,

- Lower Palaeolithic;
- Middle Palaeolithic;
- Upper Palaeolithic;
- Mesolithic culture;
- Neolithic culture

Suggested Readings

1. Allchin and Allchin (1993). *The Rise of Civilization of India and Pakistan*. Cambridge University Press
2. Bhattacharya D.K. (1978). *Emergence of Culture in Europe*, Delhi, B.R. Publication.
3. Bhattacharya D.K. (1979). *Old Stone Age Tools and Techniques*. Calcutta, K.P. Bagchi Company
4. Bhattacharya D.K. (1996). *Palaeolithic Europe*. Netherlands, Humanities Press.
5. Champion et al. (1984). *Prehistoric Europe*. New York, Academic Press.
6. Fagan B.M. (1983). *People of Earth: An Introduction*. Boston, Little, Brown & Company.
7. Phillipson D. W. (2005). *African Archaeology*. Cambridge, Cambridge University Press.
8. Sankalia H.D. (1964). *Stone Age Tools*. Poona Deccan College
9. K.P. Oakley; 1965: *Man the tool-maker*, Trustees of the British Museum (Natural History), London.



B.A./B.Sc. IInd Semester

Core-3 Practical in Archaeological Anthropology

Paper Code:- AAUBLT1/ ASUBLT1 2 Credits

Typo-technological Analysis of Prehistoric Tools: Identification, Interpretation and Drawings of the tool Types

1. Paleolithic Tool types
 - a. Core Tool Type
 - b. Flake Tool Type
2. Neolithic Tool Type

Suggested Readings

1. Allchin and Allchin (1993). The Rise of Civilization of India and Pakistan. Cambridge University Press
2. Bhattacharya D.K. (1978). Emergence of Culture in Europe, Delhi, B.R. Publication.
3. Bhattacharya D.K. (1979). Old Stone Age Tools and Techniques. Calcutta, K.P. Bagchi Company
4. Bhattacharya D.K. (1996). Palaeolithic Europe. Netherlands, Humanities Press.
5. Champion et al. (1984). Prehistoric Europe. New York, Academic Press.
6. Fagan B.M. (1983). People of Earth: An Introduction. Boston, Little, Brown & Company.
7. Phillipson D. W. (2005). African Archaeology. Cambridge, Cambridge University Press.
8. Sankalia H.D. (1964). Stone Age Tools. Poona Deccan College



B.A./B.Sc. IInd Semester

Core-4: Fundamentals of Human Origin & Evolution

Paper Code: AAUBTT2/ ASUBTT2

Credit- 4

Unit I	Primate Evolution; Parapithecus, Ramapithecus, Dryopithecus, Sivapithecus and their distribution, features with their phylogenetic relationships
Unit II	Australopithecines: distribution, features and their phylogenetic relationships. Appearance of genus Homo (Homo habilis) and related finds.
Unit III	The origin of Homo sapiens: Fossil evidences of Neanderthals and Archaic Homo sapiens
Unit IV	Origin of Anatomically modern humans (Homo sapiens sapiens): Distribution and features, Mans plae in animal kingdom.
Unit V	Hominisation process, Biology and culture Co-evolution

Suggested Readings

- Buettner-Janusch, J. (1966). Origins of Man: Physical Anthropology. John Wiley & Sons, Inc., New York, London, Sydney.
- Conroy, G.C. (1997). Reconstructing Human Origins: A Modern Synthesis. W. W. Norton & Company, New York, London.
- Howell F.C. (1977). Horizons of Anthropology. Eds. S. Tax and L.G. Freeman, Aldine Publishing House, Chicago.
- Nystrom P. and Ashmore P. (2011). The Life of Primates. PHI Learning Private Limited, New Delhi.
- Seth P. K. and Seth S. (1986). the Primates. Northern Book Centre, New Delhi, Allahabad.
- Singh I. P. and Bhasin M.K. (1989). Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Chawri Bazar, Delhi.
- Standford C.; Allen J.S. and Anton S.C. (2012). Biological Anthropology: The Natural History of Mankind. PHI Learning Private Limited, New Delhi.
- Swindler D. R. (2009). Introduction to the Primates. Overseas Press India Pvt. Ltd., New Delhi.
- Day, Michael (1986) Guide to Fossil Man. University of Chicago Press.

List of Revised Courses

Criteria - I (1.1.2)



B.A./B.Sc. IInd Semester

Core-4 Practical in Fundamental of Human Origin & Evolution

Paper Code: AAUBLT2/ ASUBLT2

Credit- 2

Craniometry

Maximum cranial length
Maximum cranial breadth
Maximum bizygomatic
breadth Maximum frontal
breadth Minimum frontal
breadth Nasal height
Nasal breadth
Bi-mastoid breadth
Greatest occipital
breadth Upper facial
height Cranial index
Nasal index

Suggested Readings

1. I. P. Singh & M. K. Bhasin. (1989) A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Delhi.
2. D. Mukherjee, D.Mukherjee & P. Bharati. (2009) Laboratory Manual for Biological Anthropology. Asian Book Private Limited, New Delhi.
3. B.M. Das & R. Deka. Physical Anthropology Practical. Kitab Mahal, Allahabad, U.P.
4. S.J. Ulijaszek and C.G.N. Mascie-Taylor. Anthropometry: the individual and the population.
5. B. M. Das. Outlines of Physical Anthropology. New Delhi.
6. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthropol. Inst., (Lond.) 1884, 14, 205).

B.A./B.Sc. IIIrd Semester

Core-5- Tribes and Caste: Indian Context

Paper Code: AAUCTT1/ ASUCTT1

Credit- 4

Unit I: Anthropological Concept of Tribe

- Problems of nomenclature, definition and classification.
- Classification (Geographical, Linguistic and Racial) of Indian tribes and their distribution.

Unit II: Tribes and Indian civilization:

- Constitutional safeguards for the tribes; Fifth Schedule and Sixth Schedule
- Development Initiatives: PESA 1996 and FRA 2006,

Unit III: Caste in India

- Concept, Definition, origin and Features of caste system
- Caste in Indian Politics and Changes in Caste System

Unit IV: Indian Village

- Characteristics of Indian village: Importance of study of Indian Village and Typology
- Social Organization of Indian Village.

Unit V: History of village studies in India

- Contribution of M.N.Srinivas and S.C Dube.

Suggested Reading

1. Gupta D. (1991). Social Stratification. Oxford University Press: Delhi.
2. Madan V. (2002). The Village in India. Oxford University Press: Delhi.
3. Nathan D. (1998). Tribe-Caste Question. Simla: IIAS.
4. National Tribal Policy (draft). (2006). Ministry of Tribal Affairs. Government of India.
5. Shah G. (2002). Social Movement and the State. Delhi: Sage.
6. Shanin T. (1987). Peasants and Peasantry. New York, Blackwell.
7. Vidyarthi L.P. and Rai B.K. (1985) Tribal Culture in India, New Delhi, Concept Publishing Company.
8. Wolf E. (1966). Peasants. NJ, Prentice Hall.
9. Srinivas, M. N (1963) India's Village. Asia Publishing House. Bombay
10. Dube, S.C. (1955) Indian Village. Routledge. London

B.A./B.Sc. IIIrd Semester

Core -5 Practical in Tribes, Caste and Peasants: Indian Context Paper

Code: AAUCLT1/ ASUCLT1

Credit- 2

Reading of Ethnography: Students are required to read and analyze any two of the ethnographies (as listed below) and prepare a report based upon it. The report should clearly link up the study with the concept of tribe and peasantry and delineate clearly the concept used in the text.

1. Research questions/objectives of the study and their relevance.
2. Theoretical schema.
3. Methods and techniques used in the study.
4. Key findings and their significance in the context of the objectives of the study.
5. Critical analysis of the finding on the basis of contemporary available resources.

Suggested Reading

1. Walker A. (1986). *The Todas*. Delhi : Hindustan Publishing Corporation Verrier
2. Elwin,V. (1992). *The Muria and their Ghotul*. USA: Oxford University Press.
3. Elwin, V. ----- *The Baigas*, -----
4. Malinowski M. (1922). *Argonauts of the Western Pacific*. London: Routledge and Kegan Paul Ltd.
5. Furer-Haimendorf C.V. (1939). *The Naked Nagas*. London: Methuen and Co.
6. Evans-Pritchard E.E. (1940). *The Nuer: A Description of the Modes of Livelihood and Political Institutions of a Nilotic People*. Oxford : Clarendon Press.
7. Majumdar D. N. (1950). *Affairs of tribes*. Lucknow: Universal Publishers Ltd.
8. Dube S.C. (1955). *Indian Village*. London: Routledge and Kegan Paul Ltd.
9. Berreman G.D. (1963). *Hindus of the Himalayas*. Berkeley: California University Press.



B.A./B.Sc. III Semester

Core- 6: Human Ecology: Biological & Cultural dimensions

Paper Code: AAUCTT2/ ASUCTT2

Credit- 4

Biological Dimensions

Unit I:

Meaning and definition of Human ecology, biotic and abiotic component of eco-system.

Unit II:

Methods of studying human ecology: Adaptation to various ecological zones; and acclimatization, Ecological rules and their applicability to human populations.

Unit III:

Impact of Modernization, urbanization and industrialization on Human ecology.

Cultural Dimensions:

Unit IV:

Culture as the Mater variable; Various modes of human adaptation in pre-state societies.

- i. Hunting and food gathering
- ii. Pastoralism
- iii. Shifting cultivation

Unit V:

Ecological context of state formation: Neolithic revolution, Agriculture and peasantry; Industrial civilization.

Suggested Reading

1. Human ecology: biocultural adaptation in human communities. (2006) Schutkowski, H. Berlin. Springer Verlag.
2. Human ecology and cognitive style: comparative studies in cultural and physical adaptation. (1976).Berry, J.B. New York: John Wiley.
3. Human ecology. (1964) Stapledon. Faber & Faber.
4. Studies in Human Ecology. (1961) Theodorson, G.A. Row, Peterson & Company Elmsford, New York.
5. Human ecology: (1973) Problems and Solutions. Paul R. Ehrlich, Anne H. Ehrlich and John P. Holdress. W.H. Freeman & Company, San Francisco.
6. Cohen, Yehudi A. 1968. Man in adaptation; the cultural present. Chicago: Aldine Pub. Co.
7. Symposium on Man the Hunter, Richard B. Lee, and Irven DeVore. 1969. Man the hunter. Chicago: Aldine Pub. Co.

B.A./B.Sc. III Semester

Core-6 Practical in Human Ecology

Paper Code: AAUCLT2/ ASUCLT2

Credit-2

Biological Dimensions

A1: Size and Shape Measurements

1. Stature 5. Total Lower Extremity Length
2. Sitting Height 6. Nasal Breadth
3. Body Weight 7. Nasal Height
4. Total Upper Extremity Length

A 2: Size and Shape Indices

1. Body Mass Index 4. Relative Upper Extremity Length
2. Ponderal Index 5. Relative Total Lower Extremity Length
3. Relative Sitting Height 6. Nasal Index

Cultural Dimensions

Make a research design pertaining to any environmental problem and do a project based on it.

Suggested Reading

1. Human ecology: biocultural adaptation in human communities. (2006) Schutkowski, H. Berlin. Springer Verlag.
2. Human ecology and cognitive style: comparative studies in cultural and physical adaptation. (1976). Berry, J.B. New York: John Wiley.
3. Human ecology. (1964) Stapledon. Faber & Faber.
4. Studies in Human Ecology. (1961) Theodorson, G.A. Row, Peterson & Company Elmsford, New York.
5. Human ecology: (1973) Problems and Solutions. Paul R. Ehrlich, Anne H. Ehrlich and John P. Holdress. W.H. Freeman & Company, San Francisco.
6. Cohen, Yehudi A. 1968. Man in adaptation; the cultural present. Chicago: Aldine Pub. Co.
7. Redfield, Robert. (1965). Peasant society and culture an anthropological approach to civilization. Chicago [u.a.]: Univ. of Chicago Press.
8. Symposium on Man the Hunter, Richard B. Lee, and Irven DeVore. 1969. Man the hunter. Chicago: Aldine Pub. Co.



B.A./B.Sc. III Semester

Core-7: Biological Diversity in Human Populations

Paper Code: AAUCTT3/ ASUCTT3

Credit- 4

Unit I: Concept of Biological Variability; Hardy-Weinberg Law; Sources of Genetic Variation; Interpretation of Human Variation, Genetic Polymorphism.

Unit II: Race: Contribution of H. H. Risley, B. S. Guha and S. S. Sarkar towards understanding ethnic elements in the Indian populations.

Unit III: Role of Bio-cultural Factors influencing the disease and nutritional status.

Unit IV: Demographic Anthropology; Sources of Demographic Data, Demographic Processes, Demographic profile of Indian populations.

Unit V: Inbreeding and Consanguinity – Biological consequences of inbreeding, frequency of inbreeding in world populations; Methods of counseling. Genetic diversity among Indian Population.

Suggested readings:

1. Baker P.T. and J.S. Weiner (ed.) (1996) *The Biology of Human Adaptability*. Oxford & New York, Oxford University Press.
2. Bhende A. and T. Kantikar (2006) *Principles of Population Studies*. Himalayan Publishing House, Mumbai
3. Bogin B. (1999). *Pattern of Human Growth*. 2nd edition CUP.
4. Cameron Noel and Barry Bogin (2012) *Human Growth and development*. Second edition, Academic Press Elsevier.
5. Eckhardt R.B. (1979) *The Study of Human Evolution*. McGrand Hill Book Company, USA.
6. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan press
7. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
8. Jurmain Robert Lynn kilgore Wenda Trevathan and Ciochon (2010). *Introduction to Physical Anthropology*. Wadsworth Publishing, USA.
9. Kapoor A.K. and Satwanti Kapoor (ed) (1995). *Biology of Highlanders*. Jammu, Vinod Publisher & Distributor.

List of Revised Courses

Criteria - I (1.1.2)



10. Kapoor A.K. and Satwanti Kapoor (eds) (2004) *India's Elderly-A Multidisciplinary Dimension*. Mittal Publication, New Delhi.
11. Malhotra K.C. and B. Balakrishnan(1996) *Human Population Genetics in India*
12. Malina Robert M., Claude. Bouchard, Oded. Bar-Or. (2004) *Growth, and Physical Activity. Human Kinetics*.
13. Stanford C., Allen, S.J. and Anton, C.S. (2013): *Biological Anthropology*. 3rd edition, Pearson, USA.

B.A./B.Sc. III Semester

Core-7 Practical on Biological Diversity in Human Populations

Paper Code: AAUCLT3/ ASUCLT3

Credit- 2

Analysis and interpretation Finger-ball Pattern types, Dankmeijer's Index, Furuhata's Index and Pattern Intensity Index, Total Finger Ridge Count, Absolute Finger Ridge Count, Palmar formula and mainline index, transversality, atd angle and flexion creases. (Ten Subjects)

1. Collection of demographic data from secondary sources.

Suggested readings:

1. Baker P.T. and J.S. Weiner (ed.) (1996) *The Biology of Human Adaptability*. Oxford & New York, Oxford University Press.
2. Bhende A. and T. Kantikar (2006) *Principles of Population Studies*. Himalayan Publishing House, Mumbai
3. Bogin B. (1999). *Pattern of Human Growth*. 2nd edition CUP.
4. Cameron Noel and Barry Bogin (2012) *Human Growth and development*. Second edition, Academic Press Elsevier.
5. Eckhardt R.B.(1979) *The Study of Human Evolution*. McGrand Hill Book Company, USA.
6. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan press
7. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
8. Jurmain Robert Lynn kilgore Wenda Trevathan and Ciochon (2010). *Introduction to Physical Anthropology*. Wadsworth Publishing, USA.
9. Kapoor A.K. and Satwanti Kapoor (ed) (1995). *Biology of Highlanders*. Jammu, Vinod Publisher & Distributor.
10. Kapoor A.K. and Satwanti Kapoor (eds) (2004) *India's Elderly-A Multidisciplinary Dimension*. Mittal Publication, New Delhi.
11. Klepinger L.L. (2006). *Fundamentals of Forensic Anthropology*. John Willey & Sons., New Jersey.
12. Malhotra K.C. and B. Balakrishnan(1996) *Human Population Genetics in India*
13. Malina Robert M., Claude. Bouchard, Oded. Bar-Or. (2004) Growth, and Physical Activity. *Human Kinetics*.
14. Stanford C., Allen, S.J. and Anton, C.S. (2013): *Biological Anthropology*. 3rd edition, Pearson.



B.A./B.Sc. IV Semester

Core-8 Theories of Culture and Society

Paper Code: AAUDTT1/ ASUDTT1

Credit- 4

- Unit I: Evolutionism and Diffusionism, Historical Particularism Neo-Evolutionism, Emergence of fieldwork tradition.
- Unit II: Functionalism and, Structural-Functionalism and Structuralism.
- Unit III: Recent trends in Anthropological Theories: Symbolic Approach, Interpretative Approach.
- Unit IV: Culture and Personality School: Contribution of Ruth-Benedict and Margaret Mead.
- Unit V: Contribution of Indian Anthropologists: N.K.Bose, S.C. Roy, S.C.Dube, and D.N.Majumdar.

Suggested Readings

1. Applebaum H.A. (1987) *Perspectives in Cultural Anthropology*. Albany: State University of NewYork.
2. Barnard A. (2000). *History and Theory in Anthropology*. Cambridge: Cambridge University.
3. McGee R.J. and Warms R.L. (1996) *Anthropological Theories: An Introductory History*.
4. Moore M. and Sanders T. (2006). *Anthropology in Theory: Issues in Epistemology*, Malden, MA:Blackwell Publishing.



B.A./B.Sc. IV Semester

Core-8 Practical on Culture and Society

Paper Code: AAUDLT1/ ASUDLT1

Credit- 2

As a part of the practical following exercises will be undertaken by the students so as to enable them to connect the theories they learn with things of everyday living.

Unit I: To identify a topic relating to contemporary issue and formulate research questions and clearly identify the theoretical perspectives from which they are derived.

Unit II: Identification of variables of a study.

Unit III: Various types of hypotheses. Formulation of hypothesis. Distinction between hypothesis testing and exploratory research.

Unit IV: Identification of universe and unit of study with justifications.

Unit V: Choice of appropriate research technique and method in the context of theoretical framework. Data collection and analysis

Suggested Readings

1. Applebaum H.A. (1987) *Perspectives in Cultural Anthropology*. Albany: State University of New York.
2. Barnard A. (2000). *History and Theory in Anthropology*. Cambridge: Cambridge University.
3. McGee R.J. and Warms R.L. (1996) *Anthropological Theories: An Introductory History*.
4. Moore M. and Sanders T. (2006). *Anthropology in Theory: Issues in Epistemology*, Malden, MA: Blackwell Publishing.



B.A./B.Sc. IV Semester

Core-9: Human Growth and Development

Paper Code: AAUDTT2/ ASUDTT2

Credit- 4

- Unit I: Concept of human growth, development and maturation.
- Unit II: Prenatal (conception till birth) and postnatal (birth till senescence) period of growth, pattern of normal growth curves, variation from normal growth.
- Unit III: Canalization, catch-up growth and catch-down growth), ethnic and gender differences in growth curves, secular trend.
- Unit IV: Methods and techniques to study growth, significance/ applicability of growth studies
- Unit V: Human physique and body composition; Somato-typing and human physique

Suggested Readings

1. Bogin B. (1999) Patterns of human growth. Cambridge University Press.
2. Frisancho R. (1993) Human Adaptation and Accommodation. University of Michigan Press.
3. Cameron N and Bogin B. (2012) Human Growth and Development. Second edition, Academic press Elsevier.
4. Harrison GA and Howard M. (1998). Human Adaptation. Oxford University Press.
5. Harrison GA, Tanner JM, Pibeam DR, Baker PT. (1988). Human Biology. Oxford University Press
6. Jurmain R, Kilgore L, Trevathan W. Essentials of physical anthropology. Wadsworth publishing.
7. Kapoor AK and Kapoor S. (1995) Biology of Highlanders. Vinod Publisher and Distributor.
8. Kathleen K. (2008). Encyclopedia of Obesity. Sage.
9. Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics.
10. McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance.
11. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.
12. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi.

B.A./B.Sc. IV Semester

Core-9: Practical on Human Growth and Development

Paper Code: AAUDLT2/ ASUDLT2

Credit- 4

- Unit I: Growth status: Somatometry (stature, body weight, mid upper arm circumference etc),
- Unit II: Assessment of chronological age, percentile, z-score, height for age, weight for age, BMI for age
- Unit III: Obesity assessment: General (BMI, Conicity index, body adiposity indices)
- Unit IV: Estimation of body composition (fat percentage and muscle mass) with skinfold thickness.
- Unit V: Nutritional assessment through dietary pattern and anthropometric indices.

Suggested Readings

1. Bogin B. (1999) Patterns of human growth. Cambridge University Press.
2. Frisancho R. (1993) Human Adaptation and Accommodation. University of Michigan Press.
3. Cameron N and Bogin B. (2012) Human Growth and Development. Second edition, Academic press Elsevier.
4. Harrison GA and Howard M. (1998). Human Adaptation. Oxford University Press.
5. Harrison GA, Tanner JM, Pibeam DR, Baker PT. (1988). Human Biology. Oxford University Press
6. Jurmain R, Kilgore L, Trevathan W. Essentials of physical anthropology. Wadsworth publishing.
7. Kapoor AK and Kapoor S. (1995) Biology of Highlanders. Vinod Publisher and Distributor.
8. Kathleen K. (2008). Encyclopedia of Obesity. Sage.
9. Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics.
10. McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance.
11. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.
12. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi.



B.A./B.Sc. IV Semester

Core-10: Research Methods

Paper Code: AAUDTT3/ ASUDTT3

Credit- 4

Unit I: Field work Tradition in Anthropology Ethnographic approach, Holistic approach, contribution of Malinowski and Boas;, Emic and Etic perspectives, comparative methods, techniques of rapport establishment.

Unit II: Research Design Research Design, Meaning and Types, Formulation of Hypothesis and formulation of research problem, and sampling: Concept and Types.

Unit III: Quantitative data collection Techniques Questionnaire, interview schedule, Graphical presentation of data,

Unit IV: Qualitative data collection Techniques Participant and Non-participant Observation, Focused Group Discussion, key informant interview ,Case Study and life history; Genealogy-Technique and application.

Unit V: Report Writing in Anthropology: Preparation of Research and Evaluation report, Research article in Journals and books, Review of literature, Chapterization; glossary, prologue and epilogue, appendix, bibliography (annotated) and references cited, review and index, Foot Note and End Note.

Suggested Reading

1. Garrard E and Dawson A. What is the role of the research ethics committee? Paternalism, inducements, and harm in research ethics. Journal of Medical Ethics 2005; 31: 419-23.
2. Bernard H.R. Research Methods in Anthropology, Qualitative and Quantitative Approaches. Jaipur: Rawat Publications. 2006.
3. Madrigal L. Statistics for Anthropology. Cambridge: Cambridge University Press. 2012. Zar JH. Biostatistical Analysis. Prentice Hall. 2010.
4. Bernard R. Research Methods in Anthropology: Qualitative and Quantitative Approaches. AltaMira Press. 2011.
5. Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Fieldnotes. Chicago, University of Chicago Press. 1995.
6. Lawrence NW. Social Research Methods, Qualitative and Quantitative Approaches. Boston: Allyn and Bacon. 2000.
7. Patnaik S.M. Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua. Jaipur: Rawat Publications. 2011.
8. Pelto PJ and Pelto GH. Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. 1978.

B.A./B.Sc. IV Semester

Core-10: Practical in Research Methods

Paper Code: AAUDLT3/ ASUDLT3

Credit- 2

Practical Credit- 2

Unit I: Construction of Genealogy.

Unit II: Observation: Direct, Indirect, Participant, Non-participant, Controlled

Unit III: Questionnaire and Schedule, Interview- Unstructured, Structured, Key informant interview, Focused Group Discussion

Unit VI: Case study and life history

Unit V: Project report writing- preparation of research problem, study design, data collection techniques, analysis and report writing based on social problem.

Suggested Reading

- Garrard E and Dawson A. What is the role of the research ethics committee? Paternalism, inducements, and harm in research ethics. Journal of Medical Ethics 2005; 31: 419-23.
- Bernard H.R. Research Methods in Anthropology, Qualitative and Quantitative Approaches. Jaipur: Rawat Publications. 2006.
- Madrigal L. Statistics for Anthropology. Cambridge: Cambridge University Press. 2012.
- Zar JH. Biostatistical Analysis. Prentice Hall. 2010.
- Michael A. The Professional Stranger. Emerald Publishing. 1996.
- Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Fieldnotes. Chicago, University of Chicago Press. 1995.
- Lawrence NW. Social Research Methods, Qualitative and Quantitative Approaches. Boston: Allyn and Bacon. 2000.
- O'reilly K. Ethnographic Methods. London and New York: Routledge. 2005.
- Patnaik S.M. Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua. Jaipur: Rawat Publications. 2011.
- Pelto PJ and Pelto GH. Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. 1978.
- Sarantakos S. Social Research. London: Macmillan Press. 1998.



B.A./B.Sc. V Semester

Core-11: Human Genetics

Paper Code: AAUETT1/ ASUETT1

Credit- 4

Unit I	Methods of studying Human Genetics: Cytogenetics, Mendelian Genetics, Twin Genetics, Sib Pair methods, Population Genetics, Molecular Genetics.
Unit II	Cytogenetics: cell cycle, standard karyotyping and banding techniques (G, C and Q),
Unit III	Chromosomal abnormalities, Lyon's hypothesis, importance of telomere and centromere. Linkage and chromosome mapping, genetic imprinting. Epistasis, Pleiotrophy.
Unit IV	Modes of inheritance: Mendels Law, Autosomal (dominant, recessive, codominance), sex linked, sex influenced, sex limited, modifying genes, suppressor genes, selfish gene,
Unit V	Multiple allelic inheritance, multifactorial inheritance (stature and skin Colour),

Suggested Readings

1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc 4th ed.
2. Cavalli-Sforza, L.L. and Bodmer, W.F (1971). The Genetics of Human Population. San Francisco: Freeman
3. Cooper DN and Kehrler-Sawatzki H. (2008). Handbook of Human Molecular Evolution. John Wiley & Sons, volume-2.
4. Crawford MH (2007). *Anthropological Genetics Theory, Methods and Applications*. Cambridge University Press
5. Cummings M.R. (2011). Human Heredity: Principles and Issues. Ninth Edition. Brooks/Cole, Cengage Learning
6. Jobling, M.A. Hurls M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY
7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9th Edition. The McGraw-Hill Companies, Inc.
8. Patch C. (2005). *Applied Genetics in Healthcare*. Taylor & Francis Group
9. Relethford J.H. (2012). *Human Population Genetics*. Wiley-Blackwell, USA
10. Snustad .D.P. and Simmons M.J. (2006). *Principles of Genetics*, Fourth Edition, John Wiley & Sons USA, Hoboken NJ
11. Strachan T, Read A.P. (2004). *Human Molecular Genetics*. Garland Science/Taylor & Francis Group.
12. Vogel F. and Motulsky A.G. (1996). *Human Genetics*. Springer, 3rd revised edition.



B.A./B.Sc. V Semester

Core-11: Practical on Human Genetics

Paper Code: AAUELT1/ ASUELT1

Credit- 2

Practical Credit- 2

- Unit I: Bloodgroup typing-A1, A2, B, O, MN and Rh (D) blood groups
- Unit II: Color Blindness
- Unit III: Glucose-6-phosphatedehydrogenasedeficiency (G6PD)
- Unit IV: PTC tasting ability
- Unit V: Biochemical markers-DNA isolation and polymerase chain reaction (PCR)

Suggested Readings

1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc 4th ed.
2. Cavalli-Sforza, L.L. and Bodmer, W.F (1971). The Genetics of Human Population. San Francisco: Freeman
3. Cooper DN and Kehrer-Sawatzki H. (2008). Handbook of Human Molecular Evolution. John Wiley & Sons, volume-2.
4. Crawford MH (2007). *Anthropological Genetics Theory, Methods and Applications*. Cambridge University Press
5. Cummings M.R. (2011). Human Heredity: Principles and Issues. Ninth Edition. Brooks/Cole, Cengage Learning
6. Jobling, M.A. Hurls M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY
7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9th Edition. The McGraw-Hill Companies, Inc.
8. Patch C. (2005). *Applied Genetics in Healthcare*. Taylor & Francis Group
9. Relethford J.H. (2012). *Human Population Genetics*. Wiley-Blackwell, USA
10. Snustad .D.P. and Simmons M.J. (2006). *Principles of Genetics*, Fourth Edition, John Wiley & Sons USA, Hoboken NJ
11. Strachan T, Read A.P. (2004). *Human Molecular Genetics*. Garland Science/Taylor & Francis Group.
12. Vogel F. and Motulsky A.G. (1996). *Human Genetics*. Springer, 3rd revised edition.



B.A./B.Sc. V Semester

Core-12: Anthropology in Practice

Paper Code: AAUETT2/ ASUETT2

Credit- 4

Unit I: Academic Anthropology Applied Anthropology, Action Anthropology and Development Anthropology.

Unit II: Role of Anthropology in Development Anthropology and Public Policy, Need Assessment and Community Development, Anthropology of NGO's,

Unit III: Future Dynamics in Anthropology Trends in Anthropology: Anthropology of Tourism and Visual Anthropology

Unit IV: Constitutional Perspective and Human Rights Constitutional Provisions, Human Rights: International and India, Interrelationships of rights and duties: National and State Human Rights Commission.

Unit V: Biosocial anthropology in practice Bio-social elements of human development; Forensic Anthropology in judicial settings; and Population Dynamics.

Suggested Readings

1. Arya A and Kapoor AK. (2012). Gender and Health Management in Afro-Indian Global Vision Publishing House, New Delhi.
2. Kertzer DI and Fricke T. (1997). Anthropological Demography. University of Chicago Press.
3. Basu, A. and P. Aaby (1998). The Methods and the Uses of Anthropological Demography. 329 pp. Oxford, Clarendon Press
4. Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods and the Uses of Anthropological Demography edited by Basu A and Aaby P. Oxford: Clarendon Press. pp 246-268.
5. Census of India (2001, 2011) and National Family Health Survey (2006,2010).
6. Ervic, Alexander M., (2000). Applied Anthropology: Tools and Perspectives for Contemporary Practise, Boston, MA: Allyn and Bacon.
7. Erwin A. (2004). Applied Anthropology Tools and Practice, Allyn and Bacon.
8. Gupta S and Kapoor AK. (2009). Human Rights among Indian Populations: Knowledge, Awareness and Practice. Gyan Publishing House, New Delhi.



9. Willen SS. (2012). Anthropology and Human Rights: Theoretical Reconsiderations and Phenomenological Explorations. Journal of Human Rights. 11:150–159.
10. Goodale M. (2009). Human Rights: An Anthropological Reader. Wiley Blackwell.
11. Gupta S and Kapoor AK. (2007). Human Rights, Development and Tribe. In : Genes, Environment and Health – Anthropological Perspectives. K. Sharma, R.K. Pathak, S. Mehra and Talwar I (eds.). Serials Publications, New Delhi.
12. Margaret AG. (2003). Applied Anthropology: A Career-Oriented Approach, Boston, MA: Allyn and Bacon.
13. Halbar BG and Khan CGH. (1991). Relevance of Anthropology – The Indian Scenario. Rawat Publications, Jaipur.
14. Kapoor AK (1998). Role of NGO's in Human Development: A Domain of Anthropology. J Ind Anthropol Soc; 33:283-300.
15. Kapoor AK and Singh D. (1997). Rural Development through NGO's. Rawat publications, Jaipur.
16. Klepinger LL (2006). Fundamentals of Forensic Anthropology. Wiley-Liss Publications
17. Kumar RK and Kapoor AK. (2009). Management of a Primitive Tribe: Role of Development Dynamics. Academic Excellence, Delhi.
18. Mehrotra N and Patnaik SM. (2008). Culture versus Coercion: The Other Side of Nirmal Gram Yojna, Economic and Political weekly. pp 25-27.
19. Mishra RC (2005). Human Rights in a Developing Society, Mittal Publications, Delhi.
20. Noaln RW. (2002). Anthropology in Practice: Building a Career outside the Academy. Publishing Lynne Reinner.
21. Patnaik SM (1996). Displacement, Rehabilitation & Social Change. Inter IndiabPublications, New Delhi.
22. Patnaik SM (2007). Anthropology of Tourism: Insights from Nagaland. The Eastern Anthropologist. 60(3&4):455-470
23. Srivastav OS (1996). Demographic and Population Studies. Vikas Publishing House, India
24. Vidyarthi LP and BN Sahay (2001). Applied Anthropology and Development in India, National Publishing House, New Delhi.
25. Vidyarthi LP. (1990). Applied Anthropology in India – Principles, Problems and Case Studies. Kitab Mahal, U.P.
26. Vidyarthi V (1981). Tribal Development and its Administration. Concept Publishing Company, New Delhi.

B.A./B.Sc. V Semester

Core-12: Practical in Anthropology in Practice

Paper Code: AAUET2/ ASUET2

Credit- 2

Practical Credit- 2

- Unit I: The students will visit a Village/NGO/Urban slum/Corporate office and its adjoining areas and write principal observations on the same.
- Unit II: Writing a project on constitutional provisions or evaluation of any development project/report.
- Unit III: Write a project on Religious Tourism / Tribal Tourism / Health Tourism / Fashion / Human Rights / Ecotourism.
- Unit IV: Write a project on the demographic profile from secondary data.
- Unit V: Collect secondary data on any bio-social problem/ census data/NFHS data and give the analysis

Suggested Readings

1. Arya A and Kapoor AK. (2012). Gender and Health Management in Afro-Indian Global Vision Publishing House, New Delhi.
2. Kertzer DI and Fricke T. (1997). Anthropological Demography. University of Chicago Press.
3. Basu, A. and P. Aaby (1998). The Methods and the Uses of Anthropological Demography. 329 pp. Oxford, Clarendon Press
4. Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods and the Uses of Anthropological Demography edited by Basu A and Aaby P. Oxford: Clarendon Press. pp 246-268.
5. Census of India (2001, 2011) and National Family Health Survey (2006,2010).
6. Ervic, Alexander M., (2000). Applied Anthropology: Tools and Perspectives for Contemporary Practice, Boston, MA: Allyn and Bacon.
7. Erwin A. (2004). Applied Anthropology Tools and Practice, Allyn and Bacon.
8. Gupta S and Kapoor AK. (2009). Human Rights among Indian Populations: Knowledge, Awareness and Practice. Gyan Publishing House, New Delhi.
9. Willen SS. (2012). Anthropology and Human Rights: Theoretical Reconsiderations and Phenomenological Explorations. Journal of Human Rights. 11:150–159.



10. Goodale M. (2009). Human Rights: An Anthropological Reader. Wiley Blackwell.
11. Gupta S and Kapoor AK. (2007). Human Rights, Development and Tribe. In : Genes, Environment and Health – Anthropological Perspectives. K. Sharma, R.K. Pathak, S. Mehra and Talwar I (eds.). Serials Publications, New Delhi.
12. Margaret AG. (2003). Applied Anthropology: A Career-Oriented Approach, Boston, MA: Allyn and Bacon.
13. Halbar BG and Khan CGH. (1991). Relevance of Anthropology – The Indian Scenario. Rawat Publications, Jaipur.
14. Kapoor AK (1998). Role of NGO's in Human Development: A Domain of Anthropology. J Ind Anthropol Soc; 33:283-300.
15. Kapoor AK and Singh D. (1997). Rural Development through NGO's. Rawat publications, Jaipur.
16. Klepinger LL (2006). Fundamentals of Forensic Anthropology. Wiley-Liss Publications
17. Kumar RK and Kapoor AK. (2009). Management of a Primitive Tribe: Role of Development Dynamics. Academic Excellence, Delhi.
18. Mehrotra N and Patnaik SM. (2008). Culture versus Coercion: The Other Side of Nirmal Gram Yojna, Economic and Political weekly. pp 25-27.
19. Mishra RC (2005). Human Rights in a Developing Society, Mittal Publications, Delhi.
20. Noaln RW. (2002). Anthropology in Practice: Building a Career outside the Academy. Publishing Lynne Reinner.
21. Patnaik SM (1996). Displacement, Rehabilitation & Social Change. Inter IndiabPublications, New Delhi.
22. Patnaik SM (2007). Anthropology of Tourism: Insights from Nagaland. The Eastern Anthropologist. 60(3&4):455-470
23. Srivastav OS (1996). Demographic and Population Studies. Vikas Publishing House, India
24. Vidyarthi LP and BN Sahay (2001). Applied Anthropology and Development in India, National Publishing House, New Delhi.
25. Vidyarthi LP. (1990). Applied Anthropology in India – Principles, Problems and Case Studies. Kitab Mahal, U.P.
26. Vidyarthi V (1981). Tribal Development and its Administration. Concept Publishing Company, New Delhi.



B.A./B.Sc. VI Semester

Core-13: Applied Biological Anthropology

Paper Code: AAUFTT1/ ASUFTT1

Credit- 4

UNIT-I	Medical Anthropology: Meaning and Scope, Theories of Medical Anthropology: Ecological, Interpretative, and Critical Medical Anthropology.
UNIT-II	Concept and Interpretation of Health, Illness and Disease: Socio-cultural and Bio-medical perspectives, Ethno-medicine.
UNIT-III	Human nutrition: food, diet, nutrition, and metabolism (definitions only); the basic nutrients micro-and-macronutrients—their sources and utility;
UNIT-IV	Nutritional Anthropology: concept and definition. Nutrition policy in India, Child health and nutrition programmes in India, Nutritive value of Indian food.
UNIT-V	Malnutrition: over-and under-nutrition, malnutrition—their evaluation and general consequences and remedies. Nutritional adaptation in man



B.A./B.Sc. VI Semester

Core-13: Practical in Applied Biological Anthropology

Paper Code: AAUFLT1/ ASUFLT1

Credit- 2

Unit I:	Techniques of taking basic Somatometric Measurements: Height, Weight, Waist circumference, Hip circumference;
Unit II:	Estimation of Body Mass Index (BMI), Waist Hip Ratio (WHR), Waist Height Ratio (WHTR) and classification of obesity.
Unit III:	Skinfold Measurement: Bicep, Tricep, Sub-scapular and Supra-iliac skinfold.
Unit IV:	Estimation of Adult Body Composition: Percent Body Fat (PBF), Body Mass Abdominal Index (BMAI), Body Adiposity Index (BAI);
Unit V:	Subcutaneous Fat; Visceral Fat; Skeletal Muscle Percentage

Suggested Readings

1. Singh I. P. & Bhasin M. K. (1989) A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Delhi.
2. Mukherjee, D., Mukherjee, D., & Bharati, P. (2009) Laboratory Manual for Biological Anthropology. Asian Book Private Limited, New Delhi.
3. Das B.M. and Deka R. Physical Anthropology Practical. Kitab Mahal, Allahabad, U.P.
4. Ulijaszek S.J., and Mascie-Taylor C.G.N. Anthropometry: the individual and the population.
5. Das, B. M. Outlines of Physical Anthropology. New Delhi.
6. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthropol. Inst., (Lond.) 1884, 14, 205).
7. Foster, G.M. and B.G. Anderson (1978) Medical Anthropology. New York: John Wiley and Sons
8. Good Bryon. (1994). Medicine, Rationality and Experience. Cambridge, England: Cambridge University Press
9. McElroy, A. and P.K. Townsend (1979) Medical Anthropology in Ecological Perspective. Boulder, CO: Westview Press
10. Singer, M. and H.A. Baer (1995) Critical Medical Anthropology. Amityville, NY: Baywood Press
11. Joshi, P.C. and A. Mahajan (1990) Studies in Medical Anthropology (eds.). New Delhi: Reliance Publishing House



B.A./B.Sc. VI Semester

Core-14: Indian Anthropology

Paper Code: AAUFTT2/ ASUFTT2

Credit- 4

Unit I:

- Origin, history and development of Anthropology in India.
- Racial and linguistic elements in Indian population.
- Understanding the diversity of Indian social structure - concept of Varna, Jati, Caste, Ashram or purusharatha,

Unit II:

- Contribution of Biological anthropologists (B.S.Guha, P.C.Biswas), social anthropologists (M.N.Srinivas, L.P.Vidyarthi) and archaeological anthropologists (H.D.Sankhalia and D.Sen) in India.

Unit III:

- Impact of culture-contact, urbanization and industrialization on tribal and rural population;
- Developmental projects- tribal displacements and rehabilitation problems

Unit IV:

- Basic concepts: Dominant Caste, Great Tradition and Little Tradition, Sacred Complex, Universalization and parochialization, Tribe-Caste Continuum,

Unit V:

- Problems and deprivation of scheduled caste/ tribe and Other Backward Classes: Education, Health, Alcoholism, Bonded Labour and Exploitation by non-tribals..

Suggested Reading

1. Nicholas D. (2001). Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.
2. Bernard CS. (2000). India: The Social Anthropology of Civilization. Delhi: Oxford University

Press.

3. Bhasin MK, Watter H and Danker-Hopfe H. (1994). People of India – An Investigation of Biological variability in Ecological, Ethno-economic and Linguistic Groups. Kamla Raj Enterprises, Delhi
4. Lopez DS. (1995). Religions of India in Practice. Princeton University Press
5. Gupta D. Social Stratification. Delhi: Oxford University Press.
6. Karve I. (1961). Hindu Society: An Interpretation. Poona : Deccan College
7. Guha BS. (1931). The racial attributes of people of India. In: Census of India, 1931, voll, Part III (BPO, Simla)
8. Trautmann TR (2011). India: Brief history of Civilization. Oxford University Press : Delhi
9. Vidyarthi LP and Rai BK. (1976). The tribal culture of India. Concept Publishing Co, Delhi.
10. Haddon AC. (1929). Races of man. Cambridge University, London.
11. Kapoor A.K. (1992). Genetic Diversity among Himalayan Human Populations. M/S Vinod Publishers, Jammu
12. Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay
13. Dube SC. (1992). Indian Society. National Book Trust, India : New Delhi.
14. Dumont L. (1980). Homo Hierachicus. University of Chicagon Press.
15. Guha B.S. (1931). The racial attributes of people of India. In : Census of India, 1931, vol I, Part III (BPO, Simla)
16. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

B.A./B.Sc. VI Semester

Core-14: Practical in Indian Anthropology

Paper Code: AAUFLT2/ ASUFLT2

Credit- 2

- Unit I: Identify various traits/variables which can be used in racial classification and comment on its relevance.
- Unit II: Review a book/edited volume on Indian social structure such as caste,
- Unit III: Religion, tribe or rural population and give its salient features.
- Unit IV: Explore the biological diversity of any population group considering a minimum of five genetic traits
- Unit V: Highlight the contributions of any two contemporary Indian anthropologists.

Suggested Reading

1. Nicholas D. (2001). Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.
2. Bernard CS. (2000). India: The Social Anthropology of Civilization. Delhi: Oxford University Press.
3. Bhasin MK, Watter H and Danker-Hopfe H. (1994). People of India – An Investigation of Biological variability in Ecological, Ethno-economic and Linguistic Groups. Kamla Raj Enterprises, Delhi
4. Lopez DS. (1995). Religions of India in Practice. Princeton University Press
5. Gupta D. Social Stratification. Delhi: Oxford University Press.
6. Karve I. (1961). Hindu Society: An Interpretation. Poona : Deccan College
7. Guha BS. (1931). The racial attributes of people of India. In: Census of India, 1931, voll, Part III (BPO, Simla)
8. Trautmann TR (2011). India: Brief history of Civilization. Oxford University Press :Delhi
9. Vidyarthi LP and Rai BK. (1976). The tribal culture of India. Concept Publishing Co, Delhi.
10. Haddon AC. (1929). Races of man. Cambridge University, London.
11. Kapoor A.K. (1992). Genetic Diversity among Himalayan Human Populations. M/S Vinod Publishers, Jammu
12. Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay
13. Dube SC. (1992). Indian Society. National Book Trust, India : New Delhi.
14. Guha B.S. (1931). The racial attributes of people of India. In : Census of India, 1931, vol I, Part III (BPO, Simla)
15. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

ELECTIVE COURSES

Credits: Any four papers = Theory +Practical = (4+2)*4 = 24

DSE-1: Sports Anthropology

- Unit I: Anthropology of sports- Physical fitness, component of physical fitness
- Unit II: Physical conditioning, training-techniques and physiological effects, environmental effects on physical performance:
- Unit III: Effect of heat, stress, cold stress and high altitude on physiological response and performance.
- Unit IV: Body composition and Athletes, sports selection and monitoring, Games and sports of local tribes.
- Unit V: Human biological variability, health and nutrition; doping and performance; cultural constructions and physiologic implications of food across time, space and society;

Practical in Sports Anthropology

- Unit I: Assessment of daily nutrient intake
- Unit II: Evaluate nutritional status and physical performance
- Unit III: Evaluate nutritional status and physical performance
- Unit IV: Evaluate physical performance
- Unit V: Demonstrate cultural perspective for preference of specific food of a population

Suggested Readings

1. Stinson S. (1992). Nutritional Adaptation. Annual Review of Anthropology 21:143- 170.
2. Bruhart R. (1990). The Cultural Context of Diet, Disease and the Body. In Diet and Disease in Traditional and Developing Societies. GA Harrison and JC Waterlow, eds. P. 307-325. Cambridge University Press. Cambridge.
3. Rozin P. (1987). Psychobiological Perspectives on Food Preferences. In Food and Evolution: Toward a Theory of Food Habits. M. Harris and EB Ross (eds.). Temple University Press. Philadelphia, pp. 181-205.
4. Quandt SA. (1987). Methods for Determining Dietary Intake. In Nutritional Anthropology. FE Johnston, ed. Pp. 67-84. Liss. NY.
5. Ulijasek SJ and Strickland SS. (1993). Introduction. In Nutritional Anthropology: Prospects and Perspectives. Pp. 1-5. Smith Gordon. London



DSE-2: Advanced Human Genetics

Unit I: Structure, Function and Inheritance of the human genome- gene, DNA structure and replication, DNA repair and recombination, gene expression, coding and non-coding region

Unit II: Expression of genetic information: from Transcription to Translation – the relationship between genes and protein, transcriptions; transcription and RNA processing, encoding genetic information, decoding the codons: the role of transfer RNAs

Unit III: Genomic Variation: Genomic Polymorphisms (SNPs, VNTR, CNVs, etc); haplotypes and haplogroups; genotype-phenotype correlations, epigenetic.

Unit IV: Methods of Human Genetic Study: Pedigree analysis and expressivity; Chromosomal Basis of Genetic Disorders (Karyotypes and identification of chromosome variation; Nucleic Acid Hybridization Assays, cytogenetic mapping),

Unit V: Genomic Diversity & Human Evolution Peopling of the Indian Subcontinent: Evidence from mtDNA and Y-chromosome; evolutionary genetics; Molecular evolution; DNA sequence variation and human origins

Practical in Advanced Human Genetics

Unit I: Blood Collection, transportation and storage in field

Unit II: DNA Extraction from whole blood

Unit III: DNA Quantification, Aliquoting and sample preparation

Unit IV: PCR and electrophoresis

Unit V: Gel Documentation

Suggested Readings:

1. Strachan T and Read AP. (2004). Human Molecular Genetics. Garland Science
2. Brown TA. (2007). Genomes. Garland Science.
3. Griffiths AJF. (2002). Modern Genetic Analysis: Integrating Genes and Genomes. WH Freeman Press.
4. Griffiths AJF, Wessler SR, Carroll SB, Doebley J. (2011). An Introduction to Genetic Analysis. Macmillan Higher Education.



5. Cavalli-sforza LL, Menozzi P, Piazza A (1994). History and Geography of Human Genes. Princeton University.
6. Giblett, ER. (1969). Genetic Markers in Human Blood. Blackwell Scietific, Oxford.
7. Cummings MR (2011). Human Heredity: Principles and Issues. Brooks/Cole, CengageLearning
8. Jobling M, Hurls M and Tyler-Smith C. (2004). Human Evolutionary Genetics: Origins, Peoples & Disease. New York: Garland Science.
9. Lewis R. (2009). Human Genetics: Concepts and Application. The McGraw–HillCompanies, Inc.
10. Patch C. (2005). Applied Genetics in Healthcare. Taylor & Francis Group
11. Vogel F. and Motulsky A.G. (1996). Human Genetics. Springer, 3rd revised edition.
12. Snustad .D.P. and Simmons M.J. (2006). Principles of Genetics, Fourth Edition, John Wiley & Sons USA.



DSE-3: Anthropology of Religion, Politics and Economy

- Unit I: Anthropological approach to the study of religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics; Overview of Anthropological Theories of Religion.
- Unit II: Economic institutions: principles of production, distribution, consumption and exchange in simple and complex societies.
- Unit III: Various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative.
- Unit IV: Political institutions: concepts of power and authority; types of authority; state and stateless societies; law and justice in simple and complex societies.
- Unit V: Interrelationship between religion, politics and economy; caste in Indian Politics.

Practical in Anthropology of Religion, Politics and Economy

- Unit I: Case study of any of the social institute (religion, economic, political) with respect to culture perspective
- Unit II: Preparing a review report on Anthropology of religion

Suggested Readings:

1. Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology. New York:Macmillan.
2. Benedict A. (2006). Imagined Communities: Reflections on the Origin and Spread of Nationalism. Verso
3. Gledhill J. (2000). Power and Its Disguises: Anthropological Perspectives on Politics. 2nd ed. London: Pluto Press.
4. Ellis F. (2000). A framework for livelihood analysis. In Rural Livelihoods and Diversity in Developing Countries . Oxford: Oxford University Press.
5. Henrich J, Boyd R, Bowles S, Camerer C, Fehr E, Gintis H, McElreath R, Alvard M et al. (2005). 'Economic Man' in cross-cultural perspective: Behavioral experiments in 15 small- scale societies. Behavior and Brain Science. 28(6):795-815;
6. Henrich J. (2002). Decision-making, cultural transmission, and adaptation in economic



- anthropology. In: J. Ensminger (Ed.), Theory in Economic Anthropology (pp. 251-295). Walnut Creek, CA: Altamira Press.
7. Lambek. M. (2008) A Reader in the Anthropology of Religion.
8. Eller JD. (2007). Introducing Anthropology of Religion. New York: Routledge.
9. Glazier SD. (1997). Anthropology of Religion: A Handbook. Westport, CT: Greenwood Press.
10. Frick GD and Langer R. (2010). Transfer and Spaces. Harrassowitz (Germany).
11. Evans-Pritchard EE. (1937). Witchcraft, Oracles and Magic among the Azande, Oxford: Clarendon Press.
12. Frazer JG. (1978). The Illustrated Golden Bough, London: Macmillan.
13. Barbara M. (2011). Cultural Anthropology. New Jersey: Pearson Education.
14. Ember CR. (2011). Anthropology. New Delhi: Dorling Kinderslay.
15. Herskovits MJ. (1952). Economic Anthropology: A Study in Comparative Economics. New York: Alfred A Knopf Inc.
16. Malinowski B. (1922) Argonauts of the Western Pacific. London: Routledge.
17. Polanyi K. et al (1957), Trade and Market in the Early Empires. Chicago: Henry Regnery Company.
18. Balandier G. (1972). Political Anthropology. Middlesex: Penguin.



DSE-4: Anthropology of Social Movement

- Unit I Social Movements: Definition, nature and Theories of Social Movements. Anthropological approaches towards social movement.
- Unit II Social Movements during British Period: The Santhal Insurrection; The Munda Rebellion; Gond Rebellion; The Bodo Movement; Jharkhand Movement
- Unit III: Social Movements after 1990, Displacement Related: Narmada Banchao Movement, Tehri Movement, Posco Movement
- Unit IV: Natural Resource Rights Related: Niyamgiri Movement, Forest Rights Movement
- Unit V: Environment Related: Chipko Movement, Silent Valley Movement, Aapiko Movement

Practical in Anthropology of Social Movement

Students need to prepare a project report in terms of historical context, nature, scale, course of actions, consequences, impact on society on any three movements viz:

- One movement from Chhattisgarh
- One movement from Central India
- One movement from Western India
- One movement from North India
- One movement from South India

Submission of the report *ad viva-voce*.

Suggested Readings:

- Baviskar, A. 1995. *In the Belly of River: Tribal Conflicts over Development in the Narmada Valley*. Oxford University Press.
- Bose Mullick, S. 2003. *The Jharkhand Movement*. IWGIA Document No. 108. Copenhagen.
- Madhav Gadgil, Ramachandra Guha, *This Fissured Land: An Ecological History of India*, Oxford University Press, Delhi 1996



Chittaranjan Kumar Paty, *Forest, Government, and Tribe*, (ed) Concept Publishing Company, 2007,

Rao, M.S.A. 1979. *Social Movements in India* Vol. II. New Delhi: Manohar.Singh, K.

S. 1992. *Tribal Movements in India*. New Delhi: Manohar.

Sundar, N. 2007. *Subalterns and Sovereigns: An Anthropological History of Bastar, 1854-2006*. Oxford University Press, New Delhi

T. K. Oommen, *Social Movements: Issues of identity*, Oxford University Press, 2010



DSE-5: Tribal Cultures of India

Unit I:

Concept of tribes, General and specific characteristics of tribes, Tribes in India: Antiquity, historical, academic, administrative and anthropological importance, Distribution of Denotified tribes and Particularly Vulnerable Tribal Group (PVTG).

Unit II:

Tribe- caste continuum, Constitutional safeguard/provisions.

Unit III:

Classification of tribes based on their Race, Geography, Economy and Religion

Unit IV:

Tribal movements, Types Causes and Consequences. Problems of tribal development

Unit V:

Forest policies and tribes, Migration and occupational shift, Tribal arts and aesthetics Displacement, rehabilitation and social change Globalization among Indian tribes.

Practical in Tribal Cultures of India

Unit I Distribution of Indian Tribes: PVTGs, STs,

Unit II Location of different tribes,

Unit III PVTGs & denotified tribes on the map of India,

Unit IV Write an annotated bibliography on any one tribe of Chhattisgarh/Central India

Unit V Write the social structure of any one tribe of India Chhattisgarh/Central India

Suggested Readings:

1. Behera, D.K and Georg pfeffer. Contemporary Society Tribal Studies, Volume I to VII. New Delhi: Concept Publishing Company
2. Georg Pfeffer. Hunters, Tribes and Peasant: Cultural Crisis and Comparison. Bhubaneswar: Niswas.
3. Vidarthy, L.P. and Rai. Applied Anthropology in India.
4. Vidarrthy.L.P. and B.N. Sahay . Applied Anthropology and Development in India. NewDelhi.



- Helman, Cecil G. 2001. Culture, Health, and Illness. 4th ed. London: Arnold. *This book is written for health care practitioners and clearly explains the relevance of culture to health.*
- Mann, Jonathon M., et al. (eds.) 1999. Health and Human Rights. New York: Routledge.
- Albrecht, Gary L., Ray Fitzparick, and Susan C. Scrimshaw (eds.) 2000. The Handbook of Social Studies in Health and Medicine, SAGE Publications.
- Bannerman, Robert, J. Burton, and Ch'en Wen-Chieh (eds.) 1983. Traditional Medicine and Health Care Coverage. Geneva: World Health Organization.
- Chen, Lincoln C. Arthur Kleinman, and Norma C. Ware 1994. Health and Social Change in International Perspective. Harvard University Press.
- Coreil, Jeannine and J. Dennis Mull (eds.) 1990. Anthropology and Primary Health Care, Boulder: Westview Press.
- Hahn, Robert A. 1999. Anthropology in Public Health. Bridging Differences in Culture and Society. New York: Oxford University Press.
- Helman, Cecil G. 1994. Culture, Health, and Illness. 3rd ed. Oxford: Butterworth-Heinemann.
- Inhorn, Marcia C. and Peter J. Brown 1997. The Anthropology of Infectious Disease. International health Perspectives. Gordon and Breach Publishers.
- Koop, C. Everett, Clarence E. Pearson, and M. Roy Schwartz (eds.) 2001. Critical Issues in Global Health. San Francisco: Jossey-Bass. A Wiley Company.
- Mayer, Kenneth H. and H.F. Pizer (eds.) 2000. The Emergence of AIDS. The Impact on Immunology, Microbiology, and Public Health. Washington, D.C.: American Public Health Association.
- Nichter, Mark and Mimi Nichter 1996. Anthropology and International Health. Asian Case Studies. Gordon and Breach Publishers.
- Paul, Benjamin D. (ed.) 1955. Health, Culture, and Community. Case Studies of Public Reactions to Health Programs.
- Williams, Cicely D., Naomi Baumslag, and Derrick B. Jelliffe 1994. Mother and Child Health. Delivering the Services. 3rd Edition. New York: Oxford University Press
- Tsui, Amy O., Judith N. Wasserheit, and John G. Haaga (eds.) 1997. Reproductive Health in Developing Countries. Washington, D.C.: National Academy Press.



DSE-7: Palaeoanthropology

Unit I: Dating methods, geological time scale, taphonomy and interpretation of the paleontological and archaeological records, taxonomic and chronological problems of fossils records.

Unit II: **Primate speciation and extinctions: a geological perspective, adaptive primate radiation, differential rate of somatic evolution.**

Unit III: **Evolutionary biology: Origins and evolution of stone age technology, Human origins: Development, distribution and fossilized evidence of Australopithecines, Paranthropus (Zinjanthropus), Homo habilis, Homo erectus,**

Unit IV: **Archaic Homo sapiens, prehistoric hunter-gatherers, and pastoral communities emergence of prehistoric people in Africa.**

Unit V: **Primate and Non-Primate Models for Early Hominid Behaviour; hominization process- Evolution of hominid-human bipedalism**

Practical in Palaeoanthropology

Unit I: Comparative primate osteology

Unit II: Description and identification of the disarticulated skeleton of non-human primates

Unit III: Description and identification of the disarticulated skeleton of human

Unit IV: Identification and description of fossil casts

Unit V: Excursion to a site for seven days for collection of fossil material and its report



Suggested readings

1. Napier JR and Napier PH. (1985). The Natural History of the Primates. Cambridge, MA: The MIT Press
2. Boyd R and Silk JB. (2009). How Humans Evolved. London: WW Norton.
3. Tattersall I. (2009). The Fossil Trail: How We Know What We Think We Know about Human Evolution. New York: Oxford University Press.
4. Waldron T. (2008): Palaeopathology. Cambridge University Press.
5. Cela-conde CJ and Frisancho J. (2007). Human Evolution: Trails from the past. Ayala Oxford University Press.
6. Barnes E. Diseases and Human Evolution. (2005). University of New Mexico Press.
7. Pinhasi R and Mays S (2008). Advances in Human Palaeopathology. Chichester: John Wiley & Sons, Inc. (PM).
8. Hoppa RD and Vaupel JW. (2002). Paleodemography: Age Distributions from Skeletal Samples. Cambridge University Press.
9. Lansen CS, Matter RM and Gebo DL. (1998). Human Origin: The fossil Record. Waveland Press.
10. Cameron DW and Colin P. Groves CP. (2004). Bone, Stones and Molecules: "Out of Africa" and Human Origins. Elsevier Inc.
11. Stringer C. (2011). The Origin of Our Species. London: Allen Lane.
12. Conroy GC. (2005). Reconstructing Human Origins. WW Norton and Company.



DSE 8: Ethnography of Tribes of Chhattisgarh

- Unit I: Meaning and Concept of Ethnology and Ethnography; Difference between Ethnology and Ethnography
- Unit II: Tribal population of India: Geographic distribution, Demographic aspects, Linguistic, Economic and Racial Classification.
- Unit III: An outline of Tribal communities of Chhattisgarh: Geographic distribution, Demographic and Socio-economic characteristics (based on Census or State Level Survey).
- Unit IV: Ethnographic accounts of some major tribes of Central India: Gond, Kondh, Oraon, Bonda
- Unit V: Ethnographic account of PVTGs in Chhattisgarh (any three): Abujmaria, Kamar, Hill Korwa, Baiga.

Practical in Ethnography of Tribes of Chhattisgarh

- Unit: I Based on secondary data prepare the ethnography of one secluded tribe and one PVTG of Chhattisgarh
- Unit: II Based on secondary data prepare the ethnography of one PVTG of Chhattisgarh

Suggested Readings

1. Vidyarthi L.P. and Rai B.K. Tribal Culture of India
2. Shrivastava O.S. Tribals in Madhya Pradesh
3. Jenson et al. Essays in Ethnology
4. Beatlie J. Other Culture
5. Antonims C.G. et al. Ethnographic Field work.
6. Agar, M. The professional stranger, an informal introduction to Ethnography. New York: Academic Press, 1980.
7. Brewar, J.D., Ethnography. Buckingham: OUP, 2000.
8. Eller, R (ed). Ethnographic Research: A Guide to General Conduct. London: Academic Press, 1984.
9. Fetterman, M.D., Ethnography: Step by Step. London: Sage, 1989.
10. Hammersley, M. And Alkinson, P., Ethnography: Principles in Practice. London: Tavistock, 1983.
11. Stewart. A., The Ethnographer's Method. London: Sage, 1998.
12. Hamersley, M. What's wrong with Ethnography. London: Routledge, 1992.
13. Bryman, A. Social Research Methods. 3rd edition Oxford: OUP. 2008
14. Hammersley, M. Reading Ethnographic Research: A Critical Guide. London: Longman. 1991
15. Srinivash, M. N. (Ed.), Methods in Social Anthropology. Hindustan Publishing Corporation, New Delhi, 1995.



DSE-10: Research Methods in Social Science

- Unit I: Introduction to Research Methodology: Meaning, objectives and types of research; Methodological Approaches in Anthropology: Holistic, Synchronic and Diachronic, Emic and Etic.
- Unit II: Research Design: Meaning, Types: Exploratory, Descriptive, Experimental and Evaluative studies
- Unit III: Different types of sampling Design; Census and Sample Survey.
- Unit IV: Types of Data – Primary and Secondary data, Qualitative and Quantitative data; Techniques of Data Collection – Questionnaire - Interview Schedule; Methods of Study: Case Study, Observation, Genealogy, Life History.
- Unit V: Interpretation and analysis of Data and Report Writing: Structure of a Research Report; Research article; References; Analysis of qualitative and Quantitative data.

Practical

- Preparation of tools for qualitative data collection: Household census schedule, preparation of structured and unstructured questionnaire, Interview schedule to collect data on different socio-economic, education, festival, economy of tribal communities
- Preparation of tools for qualitative data collection: Drawing of family Genealogy, Preparation of guidelines for in-depth interview, case study.
- Preparation of a brief report on any social problems concerning to the tribal people.

Suggested Readings

1. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to dataanalysing using SPSS. SAGE Response, New Delhi, India, 2009.
2. B.L. Agarwal. Basic Statistics. New Age International Publishers. Fourth Edition, 2006.
3. Sunder Rao, P.S.S. et al. An introduction to Biostatistics & Research Method. NewArrivals-PHI
4. Conover W.J. Practical Nonparametric Statistics. Third Edition. Wiley India (P) Ltd. Ansari Road, Daryaganj, New Delhi. 1999.
5. Wackerly Dennis D, Mendelhall III, Wiliam et al. Mathematical Statistics with application Duxbury Press, Pacific Grove.
6. Sunder Rao, P.S.S. et al. An introduction to Bio-statistics & Research Method. New Arrivals-PHI.
7. Fox and Alan. Elementary Statistics in Social Research. Gian Publishing House.



DSE-11 Visual Anthropology

UNIT 1: Introduction to Visual Anthropology. Visual Culture. Photographic and Digital Media: Still, Interactive and Moving.

UNIT 2: Theory and Representation. Anthropology and Images: Ethno-photography and ethnographic films and mass media. Theories of representation, modern media and political advocacy.

UNIT 3: Early Ethnographic Photography: Contexts and Trends. Anthropology of Art and Aesthetics: Critical reflection on the relation of images, objects and persons. Objects and images from other societies valued as 'art'.

UNIT 4: Ethnographic Photography: Conventions and Methodologies. Paradigms and Debates.

UNIT 5: Ethnographic Films: Theoretical issues concerning ethnographic film, ethical dimensions of ethnographic film, Interdependency of technology and culture.

Practical:

- Unit I: This paper deals with analysis of visuals such as photographs and
- Unit II Films pertaining to cultural practices dealing with institutions of religion, economy and politics.
- Unit III Theory and Representation: Anthropology and Images:
- Unit IV Ethnophotography and ethnographic films and mass media.
- Unit V Theories of representation, modern media and political advocacy.

Suggested Readings

1. Ruby, Jay. 1996. "Visual Anthropology." In Encyclopedia of Cultural Anthropology, David Levinson and Melvin Ember, editors. New York: Henry Holt and Company, vol. 4: 1345-1351. |
2. Colonialism and Exhibited Others, cont'd: Difference as Spectacle and Science 2. Ch. 2, "Science and Spectacle: Visualizing the Other at the World's Fair," pp. 46-85 [From:



- Griffiths, Alison. 2002. Wondrous Difference: Cinema, Anthropology, and Turn-of-the-Century Visual Culture. New York : Columbia University Press.]
3. Corbey, Raymond. 1993. "Ethnographic Showcases, 1870-1930." Cultural Anthropology, Vol. 8, No. 3: 338-369. I 3. Early Ethnographic Photography: Contexts and Trends
 4. Brian Street, "British Popular Anthropology: Exhibiting and Photographing the Other", 122-131 [From: Edwards, Elizabeth, ed. 1992. Anthropology and Photography, 1860-1920. New Haven: Yale University Press.]
 5. Williams, Carol. 1999. "Photographic Portraiture of Aboriginal Women on Canada's Northwest Coast Circa 1862-1880." <http://cc.joensuu.fi/sights/carol.htm> I
 6. Margaret Mead, "Visual Anthropology in a Discipline of Words," pp. 3-10 [From: Hockings, Paul, ed. 1995. Principles of Visual Anthropology. New York: Mouton de Gruyter.] Page 1 of 20 10.
 7. Mead, Margaret, and Gregory Bateson. 1977. "On the Use of the Camera in Anthropology." Studies in the Anthropology of Visual Communication, Dec., Vol. 4, No. 2: 78-80. 11. Ch. 1, "Reading Pictures," pp. 1-12 [From: Banks, Marcus. 2001.
 8. Visual Methods in Social Research. London: Sage.] I 6. Indigenous Uses of Photography 12. Prins, Harald E.L., and Bishop, John. 2001-2002.
 9. "Edmund Carpenter: Explorations in Media and Anthropology." Visual Anthropology Review, Vol. 17., No. 2: 110-140. 13.
 10. MacDougall, David. 1992. " 'Photo wallahs:' An Encounter with Photography." Visual Anthropology Review, Sep., Vol. 8, No. 2: 96-100. 14. Sprague, Stephen. 1978.
 11. Case Studies in Ethnographic Film: Jean Rouch, Part I 25. Edgar Morin, "Chronicle of a Film," pp. 229-265 [From: Feld, Steven, ed. 2003. Ciné-ethnography; Minneapolis: University of Minnesota Press.] I 11. Case Studies in Ethnographic Film: Jean Rouch, Part II



DSE-12. Indian Archaeology

Unit I: Understanding culture

- Technique of tool manufacture and estimation of their relative efficiency;
- Classification of tools: primary and combination fabrication techniques;

Unit II: Typology and cultural nomenclature: Paleolithic, Mesolithic and Neolithic.

Unit III: Methods of climatic reconstruction: palynology, paleontology, soil pH estimation.

Unit IV: Prehistoric India : Pleistocene chronology of India-A critical assessment

Unit V: Character, distribution and interpretation of habitat and economy of:

- Palaeolithic, ii Mesolithic iii Neolithic, iii Chalcolithic, v Art, ritual and belief

Practical

Unit I: Identification of tools:

- Handaxe varieties, chopper/chopping tools (f) End scrapers

Unit II: Cleaver varieties (g) Borers

Unit III: Side scraper varieties (h) Microlithic tools

Unit IV: Knives (i) Bone tools, Burins

Unit V: Identification of lithic technology.

Suggested reading:

- D. K. Bhattacharya (1996) An Outline of Indian Prehistory. Delhi, Palika Prakashan.
- H. D. Sankalia (1974) Prehistory and Protohistory of India and Pakistan. Poona, Deccan College.
- H. D. Sankalia (1982) Stone Tool Type and Technology. Delhi, B.R. Publication.



DSE-13. Demographic Anthropology

Theory

Unit I: Demographic Anthropology

1. Introduction, definition and basic concepts
2. Relationship between demography, population studies and anthropology
3. Importance of population studies in Anthropology

Unit II: Population Theories

1. John Graunt
2. Thomas R. Malthus
3. Biological theory of population
4. Theory of demographic transition

Unit III: Tools of Demographic Data

1. Measures of population composition, distribution and growth
2. Measures of fertility
3. Measures of mortality
4. Measures of migration

Unit IV: Population of India

1. Demographic data during colonial and post-colonial period in India
2. Growth of Indian population and its consequences
3. Demography of Indian tribal and non-tribal groups
4. Anthropological determinants of population growth
5. Impact of urbanization on the migration of tribal groups

Unit V: National policies

1. National Population Policy
2. National Health Policy
3. National Policy on Reproductive Health Care

Practical

A student will collect and compile demographic data from different secondary sources on Palaeoanthropology any given topic by the concerned teacher and a project report will be submitted for its evaluation.

Suggested Readings

1. Bhende A. and Kaniikar, T. (2006) *Principles of Population Studies*. Himalaya Publishing House. Mumbai (All Units, It covers most topics)
2. Caldwell J.C. (2006). *Demographic Transition Theory*. Springer.
3. Census of India (2001,2011), SRS bulletin (2013), NFHS (2006), CRS, NSSO (Can be seen from browsing net)
4. Gautam R.K., Kshatriya, G.K. and Kapoor A.K. (2010) *Population Ecology and Family Planning*. Serials publications. New Delhi.
5. Howell N. (1986) Demographic Anthropology. *Ann. Rev. Anthropol.* 15: 219-246
6. Kshatriya G.K. (2000). Ecology and health with special reference to Indian tribes. *Human Ecology special volume 9:229-245*.
7. Kshatriya G.K., Rajesh,G. and Kapoor , A.K. (2010) *Population Characteristics of Desert Ecology*. VDM Verlag Dr. Muller Gmbh and Co., Germany.
8. Misra BD (1982). *An introduction to the study of population*. South Asia publ. Ltd. New Delhi.
9. National Population Policy <http://populationcommission.nic.in/npp.htm>
10. Park K. (2000) *Text book of Preventive and Social Medicine*. Banarsidas Bhanot, Jabalpur.
11. Patra P.K. and Kapoor, A.K. (2009) *Demography And Development Dynamics in a Primitive Tribe of Himalayas*. International Book Distributors, Dehradun
12. Riley N.E. and Mc Carthy, J. (2003) *Demography in the Age of the Postmodern*. Cambridge University press. UK. Pages 1-13 and 32-98



DSE 14: Applied Anthropology and Tribal Development

- Unit I: Applied Anthropology: Concept, Definition, Its Scope and History. Applied and Action Anthropology, Development Anthropology and Policy Perspective, Applied Physical Anthropology and Human Genetics.
- Unit II: The concept of Tribal Development: Tribal Policy during pre-and-post Independence era; Approaches to Tribal development; Various Committees and Commissions on Tribal Development; Role of NGOs, INGOs, Charity organizations and Anthropologists in Tribal Development.
- Unit III: Constitutional Provisions and Safeguards for Scheduled Tribes, Administration of Scheduled Areas; Functioning of Tribes Advisory Council; Tribal Welfare programmes through Five Year Plans.
- Unit IV: Tribal Sub Plan: ITDA, MADA, Cluster, DTDP and Micro project; Financial and Administrative arrangements for Tribal Development; challenges & opportunities of tribal development.
- Unit V: Barriers and Stimulants for Tribal Development; Contribution of Anthropology to Government and Development planning in India.

Practical

Students need to visit any local tribal community for at least five days and critically study the implementation of different public policy of the government. They also need to submit a final project report on it.



DSE-15: Field Training (In Semester VI only)

All the students are required to undertake field work in rural/ tribal/ urban area for a period of 21 days for preparation of dissertation under the guidance of teacher/ teachers. The topic of the Field Work will be allotted by the concerned teacher.



Ability enhancement elective (skill based)

CourseCredits: Any two papers = 2*2= 4

AEC-I: Statistical Package for Social Science (SPSS)

Paper Code- AAUDTT3/ ASUDTT3 Credit-2

Theory

Unit I: Descriptive statistics & Solving Statistical problems: Measures of Central Tendency,

Unit II: Types of variables and Data presentation (tabulation, illustration),

Unit III: Frequency Distribution: Histogram, Bar graph, Pie Chart, Polygraph

Unit IV: Test of Inference: Chi-Square Test, Students't' test, ANOVA, Z score.

Unit V: Correlation: Coefficient of Co-variation, Coefficient of Correlation

Practical: code: AAUDTL3/ ASUDTL3

Unit I: Presentation and summarization of data: Types of variables and Data presentation (tabulation, illustration),

Unit II: Frequency Distribution: Histogram, Bar graph, Pie Chart, Polygraph

Unit III: Descriptive statistics & Solving Statistical problems: Measures of Central Tendency,

Unit IV: Test of Inference: Chi-Square Test, Students't' test, ANOVA, Z score.

Unit V: Correlation: Coefficient of Co-variation, Coefficient of Correlation

Suggested Readings

1. B.L. Agarwal. Basic Statistics. New Age International Publishers. Fourth Edition, 2006.
2. Fox and Alan. Elementary Statistics in Social Research. Gian Publishing House,
3. Sunder Rao, P.S.S. et al. An introduction to Biostatistics & Research Method. NewArrivals-PHI
4. Wackerly Dennis D, Mendelhall III, Wiliam et al. Mathematical Statistics with application Duxbury Press, Pacific Grove.
5. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to data analysing using SPSS. SAGE Response, New Delhi, India, 2009.
6. Sunder Rao, P.S.S. et al. An introduction to Bio-statistics & Research Method. New Arrivals-PHI.
7. Conover W.J. Practical Nonparametric Statistics. Third Edition. Wiley India (P) Ltd.Ansari Road, Daryaganj, New Delhi. 1999.



Ability enhancement elective (skill based)

AEC-II: Museum Anthropology

Paper Code-

Credit-2

Unit I: Introduction: Definition and scope of Museum; History of museums / Museum Movement in India, Functions of Museums ; Museum Anthropology

Unit II: General principle of documentation and preservation, Exhibition equipments, Principles of design communication and interpretation, methods and techniques of preservations of specimens.

Unit III: Museum Management and Administration: Location, Administrative Framework, Budget, Work Planning and Museum Marketing.

Unit IV: Museum Education and Research: Educational Responsibilities of the Museum, Education of Children/Adults/Challenged and Special groups, Research in the Museums, museum library and exhibition

Unit V: Computer Application in Museum: Computer in museums. Use of computer in exhibition designing/exhibits, Use of different software, websites, multimedia etc. Retrievable of information about important museums of the world. Communication through E-mail and conferencing about the museums and its activities of the world.

Suggested Readings

1. Nigam, M L – Fundamentals of Museology
2. Ghosh, D P- Studies in Museology
3. Basu, J N- Indian Museum and Movement
4. Morley, Grace – Museum Today
5. Nigam, M L- Organization of Museum
6. Baxi, S. and Dwivedi V.P: Modern Museums: Organisation and Practice in India.
7. Bhatnagar, A- Museum, Museology and New Museology
8. Biswas, T. K- Museum and Education
9. Biswas, T. K- Museum and Adult Education
10. Bedekar, V.H- New Museology for India
11. Practical Students need to visit any nearby museum and study the different aspects of museum.

SEC-III

Tourism Anthropology

Paper Code-

Credit-2

Unit I: Tourism- aspects, prospects and Types, anthropological issues and theoretical concerns, tourist as ethnographer; pilgrimage and ethical Issues

Unit II: Interconnections between tourism history and the rise of the socio-cultural study of tourism including temporary migration, colonial exploration, pilgrimage, visiting relatives, imagined and remembered journeys, and tourism

Unit III: Understanding the implications of tourism as a major mechanism of cross-cultural interaction; role of symbolism, semiotics, and the imagination in tourism; tourism and the commoditization of culture or cultural degradation

Unit IV: understand the global and local political economy of contemporary tourism, particularly in relation to international development; explore dynamic relationships between heritage-making enterprises, revival and preservation projects, the international flow of capital; role of museums and other branches of the cultural industries" (including music, art, and food) in tourism economies; tourism and global mobility; Ecotourism and sustainable development

Unit V: New Directions in the Anthropology of Tourism: Globalization, Tourism and Terrorism; applied aspects of anthropology in tourism development and planning.

Suggested Readings

1. Chambers E. (2000). Native Tours: The Anthropology of Travel and Tourism. Prospect Heights: Waveland.
2. Crick M. (1995). The Anthropologist as Tourist: An Identity in Question. In Lanfant MF, Allcock JB, Bruner EM (eds.) International Tourism: Identity and Change. London: Sage. pp.205-223.
3. Dann GMS, Nash D and Pearce PL. (1988). Methodology in Tourism Research. Annals of Tourism Research. 15:1-28.
4. Gmelch SB. (2004). Tourists and Tourism: A Reader. Long Grove: Waveland.
5. Graburn NHH. (1977). Tourism: The Sacred Journey. Hosts and Guests: The Anthropology of Tourism. Valene L. Smith, ed. Philadelphia: University of Pennsylvania Press. Pp. 33-47.
6. Dann G. (2002). The Tourist as a Metaphor of the Social World. Wallingford: CAB International.



7. Nash D. (1996). Anthropology of Tourism. New York: Pergamon.
8. Kirshenblatt-Gimblett B.(1998). Destination Culture: Tourism, Museums, and Heritage. University of California Press.
9. Lippard LR. (1999). On the Beaten Track: Tourism, Art and Place. New Press.
10. Picard M and Wood R. (1997). Tourism, Ethnicity, and the State in Asian and Pacific Societies. University of Hawai Press.
11. Crick M. (1994). Anthropology and the Study of Tourism: Theoretical and Personal Reflections. In Crick M (eds.). Resplendent Sites, Discordant Voices: Sri Lankans and International Tourism. Chur, Switzerland: Harwood Publishers.
12. Wood R. (1997). Tourism and the State: Ethnic Options and the Construction of Otherness. In Picard and Wood Tourism, Ethnicity and the State in Asian and Pacific Societies. University of Hawai Press.



AEC-IV

Media Anthropology

Paper Code-

Credit-2

Unit I: Theoretical Foundations: Introduction to theories in Media Anthropology; Intellectual Antecedents.

Unit II: Audiences, Consumption and Identity Formation: The Social and Material Life of Cinema; Television and the Cultural Politics of Nation; Gender and Subjectivity; the Nation and Temporality; Media as Material Objects.

Unit III: The Cultural Role of Mass Media Production: Producing “Bollywood” and its regional counterparts.

Unit IV: The Social Sites of Film and TV Production; the Exigencies of Commercial Filmmaking; the Constraints of Public Television Production. Producing Reality – Journalism and Advertising; News as Social Practice; the role of Local and the Global media in Advertising.

Unit V: Everyday Life & Social Transformations; Indigenous Media and Cultural Activism; the Social and Material Lives of Cell Phones; Media as Social Infrastructure – The Case of Facebook; Learning, The Possibilities & Constraints of from New Media.

Suggested Readings

- Rothenbuhler, Eric W; Coman, Mihai. Media anthropology. 2005. California, Sage.



Generic Elective

Practical on Basics of Biological Anthropology

Code- AAUALG1/ ASUALG1

Credit-4

Somatometry: Introduction of Somatometry and Somatoscopy. Its importance in Anthropology

Unit I: Maximum Head Length, Physiognomic Facial height, Maximum head breadth, Morphological facial height

Unit II: Minimum frontal breadth, Physiognomic upper facial height, Maximum bizygomatic breadth

Unit III: Morphological upper facial height, Bigonial breadth, Head circumference

Unit IV: Nasal height, Stature, Nasal Length, Sitting Height, Nasal breadth, Body weight

Unit V: Somatoscopy:

1. Head Form, 2. Hair form, 3. Facial form, 4. Eye form, 5. Nose form, 6. Hair color, 7. Eye colour,
8. Skin colour

Suggested Readings

1. I. P. Singh & M. K. Bhasin. (1989) A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Delhi.
2. D. Mukherjee, D. Mukherjee & P. Bharati. (2009) Laboratory Manual for Biological Anthropology. Asian Book Private Limited, New Delhi.
3. B.M. Das & R. Deka. Physical Anthropology Practical. Kitab Mahal, Allahabad, U.P.
4. S.J. Ulijaszek and C.G.N. Mascie-Taylor. Anthropometry: the individual and the population.
5. B. M. Das. Outlines of Physical Anthropology. New Delhi.
6. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthropol. Inst., (Lond.) 1884, 14, 205).



Generic Elective-2 (GE-IB)

Socio-Cultural Anthropology: Theoretical Perspective

Code- AAUBTG2/ ASUBTG2

Credit-4

Unit-I: Basic concepts: Scope, Development and growth of Socio-Cultural Anthropology,

Unit-II: Various Branches of Social Anthropology, and their relation with other social sciences.

Unit-III: Social Institutions- Family, Marriage, Economic system, caste system, Varna system.

Unit-IV: Theories of society and culture; Evolutionism and Diffusionism

Unit-V: Functionalism, Structural-Functionalism



Generic Elective Practical on Socio-Cultural Anthropology

Code- AAUBLG2/ ASUBLG2

Credit-4

Practical

Unit I: Methods and Techniques of Social Anthropology

Unit II: Observation

Unit III: Interview

Unit IV: Questionnaire and schedule

Unit V: Hypothesis meaning, type and use, Data collection and analysis

Suggested Readings

1. Davis, Kingsley.(1949). Human Society. New York: Macmillan Co.
2. Metcalf, Peter. (2005). Anthropology: the Basics. Abingdon [England]: Routledge.
3. Barnard, Alan. (2000). History and Theory in Anthropology. Cambridge, U.K.: Cambridge University Press.
4. Nadel, S. F. (1951). The Foundations of Social Anthropology. Glencoe, Ill: Free Press.
5. Harris, C. C. 1990. Kinship Concepts in Social Thought. Minneapolis: University of Minnesota Press.
6. Levi-Strauss, Claude. 1969. The elementary structures of kinship. Boston: Beacon Press.
7. Goody, Jack, and Meyer Fortes. 1973. The Character of kinship. Cambridge [Eng.]: University Press.
8. Trautmann, Thomas R. 1981. Dravidian Kinship. Cambridge studies in social anthropology. Cambridge: Cambridge University Press.
9. Radcliffe-Brown, A. R., and Cyril Daryll Forde. 1950. African systems of kinship and marriage. London: Published for the International African Institute by the Oxford University Press.
10. Farber, Bernard. 1966. Kinship and family organization. New York: Wiley.
11. Barnes, J. A. 1971. Three styles in the study of kinship. Berkeley: University of California Press.



12. Karve, Irawati. 1968. Kinship organization in India. London: Asia Publication Hous

Generic Elective-3 (GE-IB)

Human Ecology: Bio Cultural Perspective

Code- AAUCTG3/ ASUCTG3

Credit-4

List of Revised Courses

Criteria - I (1.1.2)

ॐ नमो भगवते वासुदेवाय
Dr. N. G. D.
Kavya Rajeev Chandra Chaur
Department of Anthropology & T.D.
Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



Unit-I: Concept in Ecology, Adaptation, Biotic and Abiotic component

Unit-II: Meaning, definition and Methods of studying Human Ecology

Unit-III: Adaptation- Biological and cultural to ecological stresses.

Unit-IV: Culture as a tool of adaptation-Hunting and Food Gathering,

Unit-V: Ecology and Economic Pursuits: Hunter gatherers, Pastoralism, Shifting Cultivation and agriculture.

Suggested Reading

1. Human ecology: biocultural adaptation in human communities. (2006) Schutkowski, H. Berlin. Springer Verlag.
2. Human ecology and cognitive style: comparative studies in cultural and physical adaptation. (1976).Berry, J.B. New York: John Wiley.
3. Human ecology. (1964) Stapledon. Faber & Faber.
4. Studies in Human Ecology. (1961) Theodorson, G.A. Row, Peterson & Company Elmsford, New York.
5. Human ecology: (1973) Problems and Solutions. Paul R. Ehrlich, Anne H. Ehrlich and John P. Holdress. W.H. Freeman & Company, San Francisco.
6. Cohen, Yehudi A. 1968. Man in adaptation; the cultural present. Chicago: Aldine Pub. Co.
7. Symposium on Man the Hunter, Richard B. Lee, and Irven DeVore. 1969. Man the hunter. Chicago: Aldine Pub. Co.

Generic Elective

Practical on Human Ecology: Bio Cultural Perspective



Code- AAUCLG3/ ASUCLG3 Credit-4

Unit I: Biological Dimensions of Adaptation:

Unit II: Size and Shape measurement Size and shape indicators

Unit III: Cultural dimensions of Adaptation:

Unit IV: Make a research design to any environmental problem

Unit V: Prepare a project base

Generic Elective-4 (GE-IB)

Basic Research Methodology

Code- AAUDTG4/ ASUDTG4

Credit-4

Unit-I: Meaning, Concept and Research- Research Design, Review of Literature, Formulation of

List of Revised Courses

Criteria - I (1.1.2)



Research problem, Qualitative and Quantitative research.

Unit-II: Tools and Techniques of data collection

Unit-III: Ethical issues in Research/ Ethical importance of cosset privacy and confidentiality in the research

Unit-IV: Data Analysis and writing of research reports, Research article.

Unit-V: Bio Statistics: Variable, Descriptive statistics, use of qualitative and quantitative, Test of inference, Pedigree Analysis.

Suggested Reading

1. Garrard E and Dawson A. What is the role of the research ethics committee? Paternalism, inducements, and harm in research ethics. Journal of Medical Ethics 2005; 31: 419-23.
2. Bernard H.R. Research Methods in Anthropology, Qualitative and Quantitative Approaches. Jaipur: Rawat Publications. 2006.
3. Madrigal L. Statistics for Anthropology. Cambridge: Cambridge University Press. 2012. Zar JH. Biostatistical Analysis. Prentice Hall. 2010.
4. Bernard R. Research Methods in Anthropology: Qualitative and Quantitative Approaches. AltaMira Press. 2011.
5. Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Fieldnotes. Chicago, University of Chicago Press. 1995.
6. Lawrence NW. Social Research Methods, Qualitative and Quantitative Approaches. Boston: Allyn and Bacon. 2000.
7. Patnaik S.M. Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua. Jaipur: Rawat Publications. 2011.
8. Pelto PJ and Pelto GH. Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. 1978.



Generic Elective

Practical in Basic Research Methodology

Code- AAUCLG4/ ASUCLG4

Credit-4

Practical

Unit-I: Preparation of schedule and questionnaire -interview, key informant interview, case study.

Unit-II: Unit-I: Preparation of Research Problem.

Unit-III: Research design,

Unit-IV: Data collection and analysis,

Unit-V: Project Report Writing: