



## Implementation of CBCS / ECS

**Department : Anthropology and Tribal Development**

**Program Name : B.A./B.Sc**

**Academic Year :2020-21**

**Implementation of CBCS / ECS**

Sr. No.	Course Code	Name of the Course
01.	LS/ANT/C-101L	Introduction to Socio-cultural Anthropology
02.	LS/ANT/C-101P	Practical in Social Anthropology
03.	LS/ANT/C-102L	Introduction to Biological Anthropology
04.	LS/ANT/C-102P	Practical in Biological Anthropology
05.	LS/ANT/GE-101P	Basics of Biological Anthropology
06.	LS/ANT/GE-101L	Practical based on GE-1
07.	LS/ANT/AEEC-101	English Communication / MIL (Hindi Communication)
08.	LS/ANT/ECA-101	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others
09.	LS/ANT/C-203L	Introduction to Archaeological Anthropology
10.	LS/ANT/C-203P	Practical on Archaeological Anthropology
11.	LS/ANT/C-204L	Fundamentals of Human Origin & Evolution
12.	LS/ANT/CP-204P	Practical on Human Origin & Evolution
13.	LS/ANT/GE-201L	Social Cultural Anthropology: Theoretical Perspective
14.	LS/ANT/GE-201P	Practical based on GE-2
15.	LS/ANT/AEEC-	Environmental Science

**Implementation of CBCS/ECS**

**Criteria - I (1.2.2)**

  
 Head of Department / H.O.D.  
 Department of Anthropology & T.D.  
 Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)



	201/ES	
16.	LS/ANT/ECA- 201	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others
17.	LS/ANT/C 305L	Tribes, Caste and Peasants: Indian Context
18.	LS/ANT/C 306L	Practical in Tribes, Caste and Peasants: Indian Context
19.	LS/ANT/C 306L	Human Ecology: Biological & Cultural dimensions
20.	LS/ANT/C 306P	Practical in Human Ecology
21	LS/ANT/C 307L	Biological Diversity in Human Populations
22.	LS/ANT/C 307P	Practical on Biological Diversity in Human Populations
23.	LS/ANT/GE 301L	Human Ecology: Biological & Cultural dimensions
24.	LS/ANT/GE 301L	Practical based on GE-3
25.	LS/ANT/S EC 301	To be chosen from available SEC papers
26.	LS/ANT/C 408L	Theories of Culture and Society
27.	LS/ANT/C 408L	Practical on Culture and Society
28.	LS/ANT/C 409L	Human Growth and Development
29.	LS/ANT/C 409L	Practical on Human Growth and Development
30.	LS/ANT/C 410L	Research Methods
31.	LS/ANT/C 411L	Practical in Research Methods
32.	LS/ANT/GE 401L	Research Methodology
33.	LS/ANT/GE- 401P	Practical Based on GE-4
34.	LS/ANT/S EC 402	To be chosen from available SEC papers
35.	LS/ANT/C 511L	Human Population Genetics
36.	LS/ANT/C 511P	Practical on Human Population Genetics
37.	LS/ANT/C 512L	Anthropology in Practice



38.	LS/ANT/C 512P	Practical on Anthropology in Practice
39.	LS/ANT/D SE 501A (L)	To be chosen from available DSE papers
40.	LS/ANT/D SE 501A (P)	Practical based on DSE-1
41.	LS/ANT/D SE 502B (L)	To be chosen from available DSE papers*
42.	LS/ANT/D SE 502B (P)	Practical based on DSE-2
43.	LS/ANT/C 613L	Applied Biological Anthropology
44.	LS/ANT/C 613P	Practical on Applied Biological Anthropology
45.	LS/ANT/C 614L	Indian Anthropology
46.	LS/ANT/C 614P	Practical on Indian Anthropology
47.	LS/ANT/D SE 603A (L)	To be chosen from available DSE papers
48.	LS/ANT/D SE 603A (P)	Practical based on DSE-3



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

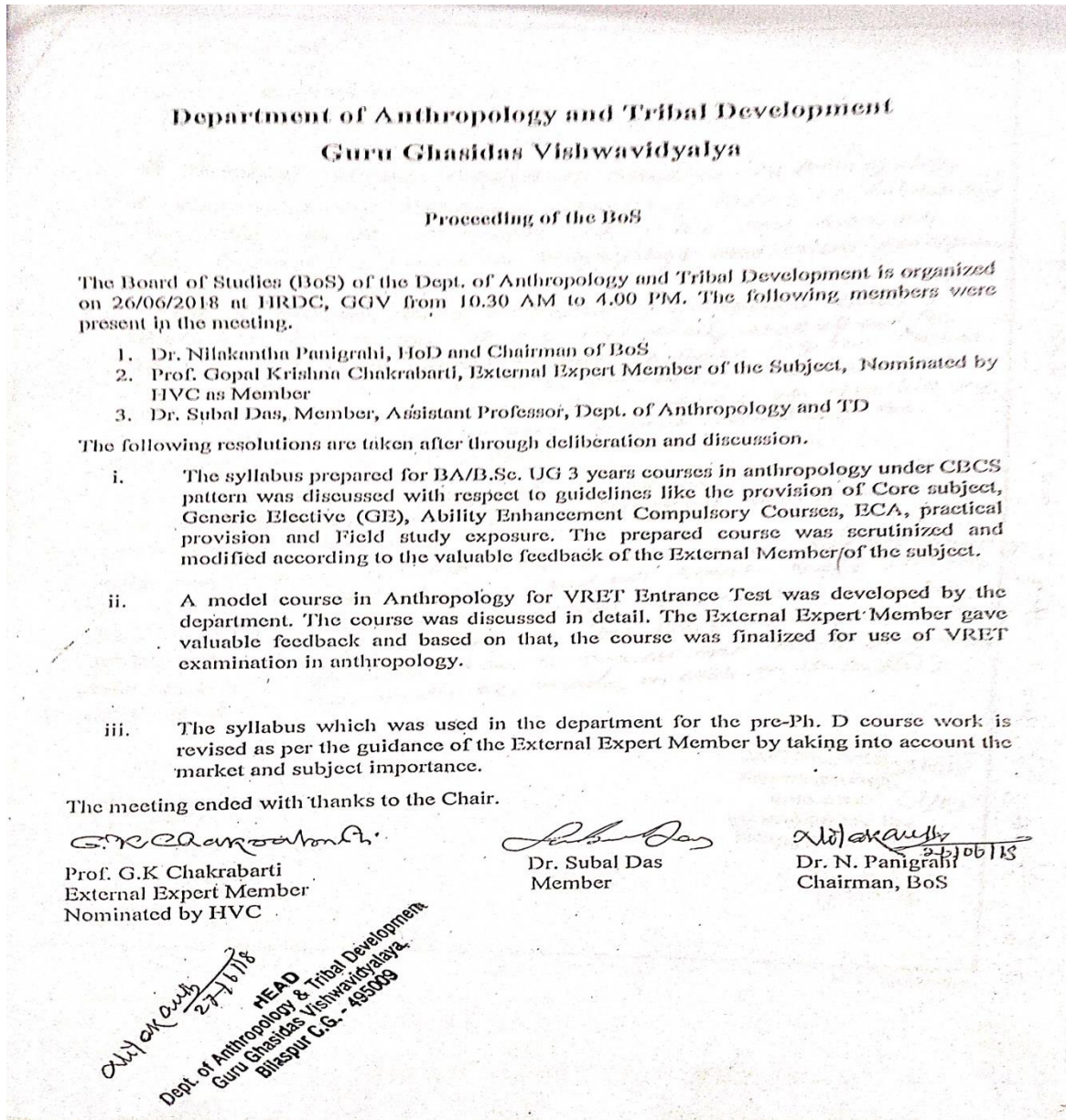
Academic Year :2020-21

School : *School of Studies in Life Sciences*

Department : Anthropology and Tribal Development

Date and Time : *June 26, 2018- 10:30AM to 4:00 AM*

Venue : *E-Class Room*







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

**Academic Year :2020-21**

**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.*

*Nilakanth*

*Nilakanth*  
26/10/21

*Nilakanth*  
26/10/21

*ok*

*Nilakanth*  
Signature/H.O.D.  
काशी दास विश्वविद्यालय, बिलासपुर  
Department of Anthropology & T.D.  
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)

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Implementation of CBCS/ECS

Criteria - I (1.2.2)

*Nilakanth*  
Signature/H.O.D.  
काशी दास विश्वविद्यालय, बिलासपुर  
Department of Anthropology & T.D.  
गुरु घासीदास विश्वविद्यालय, बिलासपुर (छ.ग.)



## Scheme and Syllabus

Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
<b>I</b>	Core-1	LS/ANT/C-101L	Introduction to Socio-cultural Anthropology	4	4
	Core -1 Practical	LS/ANT/C-101P	Practical in Social Anthropology	2	4
	Core -2	LS/ANT/C-102L	Introduction to Biological Anthropology	4	4
	Core -2 Practical	LS/ANT/C-102P	Practical in Biological Anthropology	2	4
	Generic Elective -1 (GE-IA) <sup>1</sup>	LS/ANT/GE-101P	Basics of Biological Anthropology	4	4
	Generic Elective - Practical	LS/ANT/GE-101L	Practical based on GE-1	2	4
	Ability Enhancement Compulsory Course (AECC)	LS/ANT/AEEC-101	English Communication / MIL (Hindi Communication)	4	4
	ECA	LS/ANT/ECA-101	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others	2	(2)
<b>TOTAL</b>				<b>24</b>	<b>28</b>
<b>II</b>	Core-3	LS/ANT/C-203L	Introduction to Archaeological Anthropology	4	4
	Core -3 Practical	LS/ANT/C-203P	Practical on Archaeological Anthropology	2	4
	Core -4	LS/ANT/C-204L	Fundamentals of Human Origin & Evolution	4	4
	Core -4 Practical	LS/ANT/CP-204P	Practical on Human Origin & Evolution	2	4
	Generic Elective - 2 <sup>1</sup> (GE-IB)	LS/ANT/GE-201L	Social Cultural Anthropology: Theoretical Perspective	4	4
	Generic Elective - Practical	LS/ANT/GE-201P	Practical based on GE-2	2	4
	Ability Enhancement Compulsory Course (AECC)	LS/ANT/AEEC-201/ES	Environmental Science	4	4
		ECA	LS/ANT/ECA-201	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others	2
<b>Total</b>				<b>24</b>	<b>28</b>



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, Chemistry, Forensic Science, Zoology, Biotechnology		
<b>SUMMER Internship: 15 days (optional)</b>			<b>Swayam/Swachhta Abhiyan / NSS / Industrial/ others</b>	<b>2</b>	<b>100</b>
III	Core-5	LS/ANT/C-305L	Tribes, Caste and Peasants: Indian Context	4	4
	Core -5 Practical	LS/ANT/C-305P	Practical in Tribes, Caste and Peasants: Indian Context	2	4
	Core -6	LS/ANT/C-306L	Human Ecology: Biological & Cultural dimensions	4	4
	Core -6 Practical	LS/ANT/C-306P	Practical in Human Ecology	2	4
	Core - 7	LS/ANT/C-307L	Biological Diversity in Human Populations	4	4
	Core - 7 Practical	LS/ANT/C-307P	Practical on Biological Diversity in Human Populations	2	4
	Generic Elective -3 <sup>2</sup> (GEII-A)	LS/ANT/GE-301L	Human Ecology: Biological & Cultural dimensions	4	4
	Generic Elective - Practical	LS/ANT/GE-301L	Practical based on GE-3	2	4
	Skill Enhancement Course (SEC - 1)	LS/ANT/SEC-301	To be chosen from available SEC papers <sup>^</sup>	4	2 (4)
			<b>Total</b>	<b>28</b>	<b>34</b>
IV	Core-8	LS/ANT/C-408L	Theories of Culture and Society	4	4
	Core -8 Practical	LS/ANT/C-408L	Practical on Culture and Society	2	4
	Core -9	LS/ANT/C-409L	Human Growth and Development	4	4
	Core -9 Practical	LS/ANT/C-409L	Practical on Human Growth and Development	2	4
	Core - 10	LS/ANT/C-410L	Research Methods	4	4
	Core -10 Practical	LS/ANT/C-411L	Practical in Research Methods	2	4
	Generic Elective -4 <sup>2</sup> (GEII-B)	LS/ANT/GE-401L	Research Methodology	4	4
	Generic	LS/ANT/GE-	Practical Based on GE-4	4	4

<sup>2</sup> This course will offer for other department's student.



	Elective - Practical	401P			
	Skill Enhancement Course (SEC - 2)	LS/ANT/SEC-402	To be chosen from available SEC papers <sup>^</sup>	4*	2 (4)
			TOTAL	28	34
	<b>SUMMER Internship: 15 days (optional)</b>		Swayam/SwachhtaAbhiyan/ NSS / Industrial/ others	2	100
V	Core-11	LS/ANT/C-511L	Human Population Genetics	4	4
	Core -11 Practical	LS/ANT/C-511P	Practical on Human Population Genetics	2	4
	Core -12	LS/ANT/C-512L	Anthropology in Practice	4	4
	Core -12 Practical	LS/ANT/C-512P	Practical on Anthropology in Practice	2	4
	Discipline Specific Elective (DSE-1)	LS/ANT/DSE-501A (L)	To be chosen from available DSE papers*	4	4
	DSE-1 - Practical	LS/ANT/DSE-501A (P)	Practical based on DSE-1	2	4
	Discipline Specific Elective (DSE-2)	LS/ANT/DSE-502B (L)	To be chosen from available DSE papers*	4	4
	DSE-2 - Practical	LS/ANT/DSE-502B (P)	Practical based on DSE-2	2	4
			TOTAL	24	32
VI	Core-13	LS/ANT/C-613L	Applied Biological Anthropology	4	4
	Core -13 Practical	LS/ANT/C-613P	Practical on Applied Biological Anthropology	2	4
	Core -14	LS/ANT/C-614L	Indian Anthropology	4	4
	Core -14 Practical	LS/ANT/C-614P	Practical on Indian Anthropology	2	4
	Discipline Specific Elective (DSE-3)	LS/ANT/DSE-603A (L)	To be chosen from available DSE papers*	4	4
	DSE-3 - Practical	LS/ANT/DSE-603A (P)	Practical based on DSE-3	2	4





<b>Discipline Specific Course (DSE) Two each in Semester V and VI. To be chosen from the following.</b>	<b>Ability Enhancement Elective Course (SkillBased) One each in Semester III and IV. To be chosen from the following</b>
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: Linguistic Anthropology	
DSE-16: Field Work (in Semester VI only)	



**B.A./B.Sc. I<sup>st</sup> Semester**

**Introduction to Social - Cultural Anthropology**

**Core-1**

**Paper Code: LS/ANT/C-101L**

**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; Culture and Civilization; social stratification and civil society.
- 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, Kinship Behaviour – Joking and avoidance relationship.
- Unit V:** Economic Organization: Concept and scope, characteristics of primitive and peasant economy; Religion, Magic and Science: Concept and meaning of primitive religion: Animism & Animatism, Manaism, Magic – Types, Sorcery, Witchcraft, Shamanism, Taboo; Political Organization: Types – 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, III: 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.



**B.A./B.Sc. I<sup>st</sup> Semester**

**Core-1 Practical in Social - Cultural Anthropology**

**Paper Code:-LS/ANT/C-101P**

**2 Credits**

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

1. Observation
2. Interview
3. Questionnaire and Schedule
4. Case study
5. 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. 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. I<sup>st</sup> Semester

### Introduction to Biological Anthropology

Core – 2 Paper Code: ANT- LS/ANT/C-102L 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, Mutational and Synthetic).

**Unit IV:** Position of man in animal kingdom: living primates, distribution, characteristics, phylogeny, classification; comparative anatomy of man and apes; Primate Behaviour.

**Unit V:** Concept of race, genetic basis of race, UNESCO Statement on Race; ethnic group, racial classification of human populations (E.A. Hooton, 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.





**B.A./B.Sc. I<sup>st</sup> Semester**

**Core-2 Practical in Biological Anthropology**

**Paper Code:-LS/ANT/C-102P**

**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
16. Body weight

**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. Deha. 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. II<sup>nd</sup> Semester**

**Core -3**

**Introduction to Archaeological Anthropology**

**Paper Code: LS/ANT/C-203L**

**4 Credits**

**Unit I: Introduction**

- Definition and scope of archaeological anthropology.
- Relationship with other disciplines.
- Methods of studying archaeological anthropology

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

- Absolute dating methods ( $c^{14}$ , K-Ar, TL, Dendrochronology, Palaeomagnetism)
- Relative dating methods (Stratigraphy, FUN estimation)
- Methods of climatic reconstruction: palynology, paleontology,

**Unit III: Geochronology of Pleistocene Epoch**

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

**Unit IV: Understanding Culture**

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

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

Character, distribution and interpretation of habitat and economy of:

- 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.



**B.A./B.Sc. II<sup>nd</sup> Semester**

**Core-3 Practical in Archaeological Anthropology**

**Paper Code:-LS/ANT/C-203P**

**2 Credits**

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

1. Core Tool Types
2. Flake Tool Types
3. Blade Tool Types
4. Microlithic Tool Type
5. 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. II<sup>nd</sup> Semester**

**Core-3 Practical in Archaeological Anthropology**

**Paper Code:-LS/ANT/C-203P**

**2 Credits**

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

1. Core Tool Types
2. Flake Tool Types
3. Blade Tool Types
4. Microlithic Tool Type
5. 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. III<sup>rd</sup> Semester

### Tribes, Caste and Peasants: Indian Context

#### Paper Code: LS/ANT/C-305L Credit- 4

#### Unit I: Anthropological Concept of Tribe

- Problems of nomenclature, definition and classification.
- Classification (Geographical, Linguistic and Racial) of Indian tribes
- Features of tribes in India.

#### Unit II: Tribes and Wider world.

- The history of tribal administration; Pre –Independence and Post Independence approach
- Constitutional safeguards; Fifth Schedule and Sixth Schedule
- Development Initiatives: PESA 1996, FRA 2006, R & R Act, 2013

#### Unit III: Caste in India

- Concept and Definition
- Features and Changes in Caste System
- Caste in Contemporary India: Politics and Caste

#### Unit IV: Anthropological Concept of Village

- The concept of peasantry.
- Approaches to the study of peasants – economic, political and cultural.

#### Unit V: Indian Village

- Characteristics of Indian village: social organization; economy and changes.

#### 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: IAS.
4. National Tribal Policy (draft). (2006). Ministry of Tribal Affairs. Government of India.
5. Patnaik S.M. (1996). Displacement, Rehabilitation and Social change. Inter India Publication, Delhi.
6. Shah G. (2002). Social Movement and the State. Delhi: Sage.
7. Shanin T. (1987). Peasants and Peasantry. New York, Blackwell



## B.A./B.Sc. III<sup>rd</sup> Semester

### Core -5 Practical

#### Paper Code: LS/ANT/C-305P Credit- 4

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



**B.A./B.Sc. III Semester**

**Core-6**

**Human Ecology: Biological & Cultural dimensions**

**Paper Code: LS/ANT/C-306L Credit- 4**

**Biological Dimensions**

**Unit I:** Concepts in Ecology: Definition, eco-sensitivity adaptation, acclimation, acclimatization, biotic and abiotic component.

**Unit II:** Methods of studying human ecology. Adaptation to various ecological stresses; Ecological rules and their applicability to human populations.

**Unit III:** Impact of urbanization and industrialization on Man.

**Cultural Dimensions**

**Unit IV:** Culture as a tool of adaptation; Various modes of human adaptation in pre-state societies.

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

**Unit V:** Ecological themes of state formation: i. Neolithic revolution, ii. Hydraulic civilization. Agriculture and peasantry; Industrial civilization and growth of urban societies.

**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.



## B.A./B.Sc. III Semester

### Core-6 Practical in Human Ecology

#### Paper Code: LS/ANT/C-306P Credit-2

#### Biological Dimensions

##### *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

##### *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: LS/ANT/C-307LCredit- 4

**Unit I:** Concept of Biological Variability; Race; Hardy-Weinberg Law; Sources of Genetic Variation; Structuring Genetic Variation; Interpretation of Human Variation, Genetic Polymorphism; Human Adaptability – Adaptive Mechanisms determining the types of adaptation.

**Unit II:** A critical appraisal of contribution of Risley, Guha and Sarkar towards understanding ethnic elements in the Indian populations.

**Unit III:** Role of Bio-cultural Factors Cultural Biology; Bio-cultural factors influencing the diseases and nutritional status. Evolution of Human diet, biological perspectives of ageing process among different populations.

**Unit V:** Demographic Perspective Demographic Anthropology; Sources of Demographic Data, Demographic Processes, Demographic profile of Indian populations and its growth structure;

Inbreeding and Consanguinity – Biological consequences of inbreeding, frequency of inbreeding in world populations; Methods of counselling.

**Unit V:** 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 kilgoreWendaTrevathan 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.

## B.A./B.Sc. IIISemester

### Core-7 Practical on Biological Diversity in Human Populations

#### Paper Code: LS/ANT/C-307P

#### 1. Craniometric Measurements (Skull & Mandible)

- Determination of A1, A2, B, O; M N; and Rh (Test with five Anti-Rh sera) blood groups of ten subjects.
- Analysis and interpretation of finger ball pattern types, palmar main lines and pattern index; Finger print classification and development of chance prints and statistical treatment of the data collected (Ten Subjects)
- Collection of demographic data from secondary sources.

#### Suggested readings:

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



**B.A./B.Sc. IV Semester**

**Core-8**

**Theories of Culture and Society**

**Paper Code: LS/ANT/C-408L Credit- 4**

Unit I: Evolutionism, Historical Particularism, Diffusionism, Neo- evolutionism, Emergence of fieldwork tradition.

Unit II: Durkheim and social integration, Functionalism and Structural-functionalism and British Social Anthropology

Unit III: Recent trends in Anthropological Theories: Symbolic Approach, Interpretative Approach, Subaltern Approach, Neoliberalism and Decentralization.

Unit IV: Patterns of culture

Unit V: Culture & personality

**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-8**

**Theories of Culture and Society**

**Paper Code: LS/ANT/C-408LCredit- 4**

Unit I: Evolutionism, Historical Particularism, Diffusionism, Neo- evolutionism, Emergence of fieldwork tradition.

Unit II: Durkheim and social integration, Functionalism and Structural-functionalism and British Social Anthropology

Unit III: Recent trends in Anthropological Theories: Symbolic Approach, Interpretative Approach, Subaltern Approach, Neoliberalism and Decentralization.

Unit IV: Patterns of culture

Unit V: Culture & personality

**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**

**Practical on Human Growth and Development**

**Paper Code: LS/ANT/C-409P**

**Credit- 4**

1. Growth status: Somatometry (stature, body weight, mid upper arm circumference etc), assessment of chronological age, percentile, z-score, height for age, weight for age, BMI for age
2. Obesity assessment: General (BMI, body fat %, Conicity index, body adiposity indices) and regional adiposity indices (WC, WHR, WHtR)
3. Estimation of body composition (fat percentage and muscle mass) with skinfold thickness.
4. 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 Himalyan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.

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## B.A./B.Sc. IV Semester

### Core-10: Research Methods

Paper Code: LS/ANT/C-410L

Credit- 4

#### Unit I: Research Design

Review of literature, conceptual framework, formulation of research problem, formulation of hypothesis, sampling, tools and techniques of data collection, data analysis and reporting, guiding ideals and critical evaluation of major approaches in research methods, basic tenets of qualitative research and its relationship with quantitative research

#### Unit II: Field work tradition in Anthropology

Ethnographic approach, contribution of Malinowski, Boas and other pioneers; cultural relativism, ethnocentrism, etic and emic perspectives, comparative and historical methods, techniques of rapport establishment identification of representative categories of informants, maintenance of field diary and logbook

#### Unit III: Tools and techniques of data collection

Concept of survey, relationship of survey method with ethnographic method, construction of questionnaire and interview schedule, validation and internal consistency of questionnaire  
Observation - Direct, Indirect, Participant, Non-participant, Controlled  
Interview - Structured and unstructured, Focused Group Discussion, key informant interview  
Case Study and life history; Genealogy-Technique and application.

#### Unit IV

Identify, define, and analyze ethical issues in the context of human subject research.  
Issues of academic fraud and plagiarism, conflicts of interest, authorship and publication  
Analysis and Writing Up

#### Unit V

Chapterization, preparing a text for submission and publication, concepts of preface, notes (end and footnotes), glossary, prologue and epilogue, appendix, bibliography (annotated) and references cited, review and index. Similarities and differences between qualitative and quantitative data 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.

Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Fieldnotes. Chicago, University of Chicago Press. 1995

## Practical in Research Methods

### Paper Code: LS/ANT/C-410PCredit- 2

#### Practical Credit- 2

1. Construction of Genealogy.
2. Observation: Direct, Indirect, Participant, Non-participant, Controlled
3. Questionnaire and Schedule, Interview- Unstructured, Structured, Key informant interview, Focussed Group Discussion, and Free listing, pile sorting
4. Case study and life history
5. Project report writing- preparation of research problem, study design, data collection techniques, analysis and report writing based on somatometric, dermatoglyphic and serological data or 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.
- Bernard R. Research Methods in Anthropology: Qualitative and Quantitative Approaches. AltaMira Press. 2011.
- 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

### Human Population Genetics

Paper Code: LS/ANT/C-511L

Credit- 4

#### Unit I. Essentials of Genetics

Landmarks in the history of genetics, principles in human genetics, Mendelian inheritance (single factor and multifactorial inheritance, polygenic inheritance), Non- Mendelian inheritance (multiple allelism, Co-dominance; sex linked, epistasis; penetrance and expressivity; Cytoplasmic inheritance).

#### Unit II. Ecological Genetics and Polymorphism

Phenotypic & genotypic polymorphisms, transient polymorphism, balanced polymorphisms,

#### Unit III: Hardy-Weinberg principle

Genotypic and allelic frequencies, assumptions of Hardy-Weinberg equilibrium, its applications and exceptions

#### Unit IV: Mechanism for dynamics in Gene Frequency

Mutation, selection (pattern and mechanism), Genetic drift (bottle neck and founder effect), Gene flow/migration, inbreeding (inbreeding co-efficient and its genetic consequences)

#### Unit V: Population structure and admixture in human populations

Random & non-random mating (positive and negative assortative mating), heritability, linkage disequilibrium, genetic markers utility of genetic markers in forensic, population and disease association studies, Epistasis.

#### 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. Hurler 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



**B.A./B.Sc. V Semester**

**Practical on Human population Genetics**

**Paper Code: LS/ANT/C-511P**

**Credit- 2**

**Practical Credit- 2**

1. Blood group typing-A1, A2, B, O, MN and Rh (D) blood groups
2. Color Blindness
3. Glucose-6-phosphate dehydrogenase deficiency(G6PD)
4. PTC tasting ability
5. 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 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. Hurler 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**

**Practical in Anthropology in Practice**

**Paper Code: LS/ANT/C-512P**

**Credit- 2**

**Practical Credit- 2**

1. The students will visit a NGO or corporate office or census office in Delhi and its adjoining areas and write principal observations on the same.
2. Write a project on constitutional provisions or evaluation of any development project/report.
3. Draw a scene of crime and identify the various evidences in a portrayed crime scene.
4. Write a project on Religious Tourism / Tribal Tourism / Health Tourism / Fashion / Human Rights / Ecotourism.
5. Write a project on the demographic profile from secondary data.
6. Collect data on bio-social problem and design counselling and give the analysis and

**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



**B.A./B.Sc. VI Semester**

**Applied Biological Anthropology**

**Paper Code: LS/ANT/C-613L**

**Credit- 4**

UNIT-1

Medical Anthropology: Meaning and Scope, Theories of Medical Anthropology: Socio-Cultural perspective, Bio-cultural perspective, Critical Medical Anthropology.

UNIT-2

Concept and Interpretation of Health, Illness and Disease: Socio-cultural and Bio-medical perspectives, Medical Pluralism and Syncretism, Ethno-medicine, Medical systems in India, Tribal health and ethno medicine.

UNIT-3

Nutritional Anthropology: concept and definition. Nutrition policy in India, Child health and nutrition programmes in India.

UNIT-4

Human nutrition: food, diet, nutrition, and metabolism (definitions only); the basic nutrients micro-, and macronutrients—their sources and utility;

UNIT-5

Malnutrition: over-, and under-nutrition, malnutrition—their evaluation and general consequences. Nutritional adaptation in man

**Suggested Readings:**

1. Bass W.M. (1971). Human Osteology: A Laboratory and Field manual of the Human Skeleton. Columbia: Special Publications Missouri Archaeological Society.
2. Black S. and Ferguson E. (2011). *Forensic Anthropology 2000 to 2010*. CRC Press, London.
3. Byers, S. N. (2008). Forensic Anthropology. Boston: Pearson Education LTD.
4. Gunn A. (2009) *Essential Forensic Biology* (2nd ed). Chichester: Wiley-Blackwell
5. Modi, R. B. J. P. (2013). *A Textbook of Medical Jurisprudence and Toxicology*. Elsevier.



## B.A./B.Sc. VI Semester

### Practical in Applied Biological Anthropology

Paper Code: LS/ANT/C-613P

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

#### Practical Record

#### Viva Voce

#### 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).



## B.A./B.Sc. VI Semester

### Indian Anthropology

Paper Code: LS/ANT/C-614L

Credit- 4

#### Unit I:

1. Origin, history and development of Anthropology in India, approaches to study Indian society and culture- traditional and contemporary
2. Racial and linguistic elements in Indian population
3. Understanding the diversity of Indian social structure - concept of Varna, Jati, Caste, Ashram or purusharatha, gender hierarchies - their economic and cultural impact, origin and evolution of social structures and their underlying philosophies.

#### Unit II:

1. Critical appraisal of contribution of Risley, Guha, Rickstett and Sarkar towards understanding ethnic distinctness in the Indian populations
2. Contribution of contemporary biological, social and archaeological anthropologists in India.

#### Unit III:

1. Aspects of Indian Village –social organisation, agriculture and impact of market economy on villages
2. Tribal situation in India- biogenetic variability, linguistic and socio-economic characteristics; Problems of tribal peoples, land-alienation, indebtedness, lack of educational facilities, shifting-cultivation, migration, forests and tribal unemployment, health and nutrition, tribal movement and quest for identity
3. Developmental projects- tribal displacements and rehabilitation problem

#### Unit IV:

Impact of culture-contact, urbanization and industrialization on tribal and rural population; Basic concepts -Great tradition and little tradition, sacred complex, Universalization and parochialization, Sanskritization and Westernization, Dominant caste, Tribe-caste continuum, Nature-Man-Spirit complex, pseudotribalism,

#### Unit V:

1. Problems of exploitation and deprivation of scheduled caste/ tribe and Other Backward Classes.
2. Constitutional safeguards for the Scheduled caste and scheduled tribes.

#### 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.



## B.A./B.Sc. VI Semester

### Practical in Indian Anthropology

Paper Code: LS/ANT/C-614P

Credit- 2

1. Identify various traits/variables which can be used in racial classification and comment on its relevance.
2. Review a book/edited volume on Indian social structure such as caste, religion, tribe or rural population and give its salient features.
2. Explore the biological diversity of any population group considering a minimum of five genetic traits.
3. 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, vol I, 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.





## 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: effect of heat stress, cold stress and high altitude on physiological response and performance.

#### Unit III:

Body composition and Athletes, sports selection and monitoring

#### Unit IV:

Human biological variability, health and nutrition; doping and performance; cultural constructions and physiologic implications of food across time, space and society; an integrated bio-behavioural perspective towards food preference.

### Practical in Sports Anthropology

1. Assessment of daily nutrient intake
2. Evaluate association of nutritional status and physical performance
3. 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 Genetic Study in Human: Pedigree analysis and expressivity; Chromosomal Basis of Genetic Disorders (Karyotypes and identification of chromosome variation; Nucleic Acid Hybridization Assays, cytogenetic mapping), Genetic mapping (Microsatellite and other DNA polymorphisms), LOD score; sequencing strategies (PCR based Sanger sequencing to Exome sequencing), concept of non-mendelian inheritance and complex diseases

### Unit V: Genomic Diversity & Human Evolution

1. 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

1. Blood Collection, transportation and storage in field
2. DNA Extraction from whole blood
3. DNA Quantification, Aliquoting and sample preparation
4. PCR and electrophoresis
5. 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 Scientific, Oxford.
7. Cummings MR (2011). Human Heredity: Principles and Issues. Brooks/Cole, Cengage Learning
8. Jobling M, Hurlst M and Tyler-Smith C. (2004). Human Evolutionary Genetics: Origins, Peoples & Disease. New York: Garland Science.



### DSE-3: Anthropology of Religion, Politics and Economy

#### Unit I:

Anthropological approaches to understand religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics; Overview of Anthropological Theories of Religion; Religion as the sacrality of ecological adaptation and socialness

#### Unit II:

Economic institutions: principles of production, distribution, and consumption in simple and complex societies; critical examination of relationship between economy and society through neo-classical, substantivist, and neo-marxist approaches, various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative.

#### Unit III:

Political institutions: concepts of power and authority; types of authority; state and stateless societies; law and justice in simple and complex societies; the prospects for democracy and tolerance among and within the world's diverse civilizations; the meaning and sources of identity in complex contemporary societies; the origins of modern politics, its institutions, and cultures, both Western and non-Western

#### Unit IV:

Interrelationship between religion, politics and economy; religious conversion and movements, emergence of new religious sects in the global order.

#### Practical

Case study of any of the social institute (religion, economic, political) with respect to culture perspective

#### 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).



## DSE-4: Anthropology of Social Movement

### Unit 1

**Social Movements:** Definition, nature and Theories of Social Movements. Anthropological approaches towards social movement.

### Unit 2

**Social Movements during British Period:** The Santhal Insurrection 2. The Munda Rebellion 3. Gond Rebellion 4. The Bodo Movement 5. Jharkhand Movement

### Unit 3

#### Social Movements after Independence

- Displacement Related: Narmada Banchao Movement, Tehri Movement, Posco Movement
- Natural Resource Rights Related: Niyamgiri Movement, Forest Rights Movement
- Environment Related : Chipko Movement, Salient Valley Movement, Aapiko Movement

#### Practical

Students need to prepare a project report in terms of historical context, nature, scale, course of actions, consequences, impact on society on any three movement; Submission of the report [preferably as clearly handwritten] and viva-voce.

#### Suggested Readings:

- Baviskar, A. 1995. *In the Belly of River: Tribal Conflicts over Developemtn 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 and its problematic nature, General and specific characteristics of tribes, Tribes in India: Antiquity, historical, academic, administrative and anthropological importance, Denotified tribes.

### Unit II:

Tribe- caste continuum, Constitutional safeguard/provisions, Gender and Tribe, Distribution of tribes in India

### Unit III:

Tribes: Nomenclature- emic and etic differences, Classification of tribes based on their economy, occupation and religion, Racial elements among the tribes, Scheduled and non-scheduled categories of tribes

### Unit IV:

Tribal movements, Tribal monographs, 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

Distribution of Indian Tribes: PTG, ST

Location of different tribes on the map of India

Write an annotated bibliography on any one tribe

Write the social structure of any one tribe of 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. New Delhi.





## DSE-6: Anthropology of Health

### Unit-1: Introduction and Overview of the Field of Anthropology & Health.

#### Defining Health and Illness in Cross-Cultural Perspective.

Looking at “health,” “illness,” and related concepts in Western culture,

#### Unit – 2: Measuring Health: Morbidity, Mortality, and Epidemiology

Morbidity, Mortality, Epidemiology: Meaning, scope and methods. Epidemiology of common communicable diseases: Malaria, Tuberculosis, Leprosy, Diabetes, Cardiovascular disease and Sexually Transmitted Diseases (STDs), HIV/AIDS,

#### Unit – 3: Women’s Health, Sex, Family Planning, and Maternal-Infant Health.

Reproductive life, child Birth, Family planning adoption, male dominance, Nursing and early nurture, hyper-menstruation and its corollaries. Population variation and its relation to health and disease.

#### Unit – 4: Healing and Healers in Cross-Cultural Perspectives.

##### Shamanism, Magic, and Healing.

Shaman, Magic, Witchcraft and Sorcery,

##### Unit – 5: Folk Healers and “Alternative Medicine.”

Types of healers and healing, Problems in evaluating efficacy, Sources of dissatisfaction with mainstream medicine.

### Practical

1. Make a Schedule on Health and Demo
2. Calculation of Infant Sex ratio, Fertility rate, Total fertility rate, Mortality rate, Birth rate, crude birth rate, crude death rate, Mortality rate, life expectancy, immigration rate, population growth rate.
3. Identification and Characteristics of Various diseases.
4. Case Studies of Traditional and Modern healers.

### Suggested Readings

- Rajesh Khanna and A.K. Kapoor. 2007. Ethnic Groups and Health Dimensions. Discovery Publishing House, New Delhi.
- Chin, James, M.D., M.P.H. (ed.) 2000. Control of Communicable Diseases Manual. 17th Edition. American Public Health Association. *Anyone interested in field work in less developed areas should own this book for reference.*



## DSE-7: Paleoanthropology

### 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 H. sapiens, prehistoric hunter-gatherers, modern 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

1. Comparative primate osteology
2. Description and identification of the disarticulated skeleton of non-human primates
3. Identification and description of fossil casts
4. 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. Cella-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.



## 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 population of Chhattisgarh: Geographic distribution, Demographic and Socio-economic characteristics (based on Census or State Level Survey)
- Unit IV:** Ethnographic classification 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

### 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. 3<sup>rd</sup> edition Oxford: OUP. 2008



## DSE: 9 Urban Anthropology

### Unit 1: Emergence of urban anthropology

Introduction, Extension of the anthropological interest in peasants and rural areas, Origins of Cities and Early Sociological Approaches, Urban planning and design

### Unit 2: Political economy

Rural-urban migration, kinship in the city, problems that arise from urbanism, poverty and social stratification

### Unit 3: Class approach

Culture of Poverty and the Underclass Approach, Comparison between relations function in an urban setting versus function in a rural setting, Race and Class in Urban Ethnography, Urban Dystopia

### Unit 4: Urban Inequality and Disasters

Poverty, extended family for urban natives versus migrants, Global Cities and the Production of Space, Community study and urban ecology, Urban Space, Postmodern and Hypermodern City

### Unit 5: Global Urban Developments

Urban ethnography research and methodology, Contemporary urban issues: Suburbs, Exurbs and Urban Decline, disciplinary perspectives

### Practical

(i) Visit city life among business community and appreciate the role of culture with politics and economics.

(ii) Media-popular culture behaviour

(iii) Photo shoot in any city life, Creating captions and texts relating to urban anthropology findings.

### Suggested readings

1. <http://www.oxfordbibliographies.com/>
2. Cities, classes and the social order. Anthony Leeds, Roger Sanjek
3. Childe, V. Gordon. 1950. "Urban Revolution." Town Planning Review.
4. Low Reader Part V: "The Postmodern City" in Low pp. 317-377; Dear and Flusty .
5. "Anthropological Fieldwork in Cities", "The anthropology of Cities: Some Methodological Issues".



### **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 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.

### **Suggested Readings**

1. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to data analysing 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. New Arrivals-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: Ethnophotography 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.

**UNIT 6:** Cinema Studies with emphasis on key feature, documentary and ethnographic films with a focal theme - the examination of the 'language of film'.

### Practical:

This paper deals with analysis of visuals such as photographs and films pertaining to cultural practices dealing with institutions of religion, economy and politics.

**Theory and Representation:** Anthropology and Images: Ethnophotography and ethnographic films and mass media. 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. I
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



## 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;
- Typology and cultural nomenclature.

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

Unit III: Prehistoric India

Pleistocene chronology of India: A critical assessment

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

- Palaeolithic
- Mesolithic
- Neolithic
- Chalcolithic
- Art, ritual and belief

### Practical

- Identification of tools:
  - Handaxe varieties, chopper/chopping tools (f) End scrapers
  - Cleaver varieties (g) Borers
  - Side scraper varieties (h) Microlithic tools
  - Knives (i) Bone tools
  - Burins
- Identification of lithic technology.

### Suggested reading:

- D. K. Bhattacharya (1996) An Outline of Indian Prehistory. Delhi, PalikaPrakashan.
- 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. Sources of demographic data in India
2. Growth of Indian population
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.



## 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 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; External aided development projects, challenges & opportunities: few case studies.
- 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.



**DSE-16: Field Work (in Semester VI only)**

All the students are required to undertake field work in rural/ tribal/ urban area for a period of 15 days for preparation of dissertation under the guidance of teacher/ teachers. The topic of the Field Work will be allotted by the concerned teach

**Ability enhancement elective (skill based) Course**  
**Credits: Any two papers = 2\*2= 4**

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

**Paper Code- LS/ANT/SEC-301**

**Credit-2**

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

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

Correlation: Coefficient of Co-variation, Coefficient of Correlation

**Practical**

Descriptive statistics & Solving Statistical problems: Measures of Central Tendency, Frequency Distribution: Histogram, Bar graph, Pie Chart, Polygraph

**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





## AEC-II: Museum Anthropology

- Unit I:** Drawing and Description of the following Palaeolithic Tools:  
Lower Palaeolithic - Chopper, Cleaver, Handaxe
- Unit II:** Middle Palaeolithic – Scraper, Blade  
Upper Palaeolithic – Leaf Points
- Unit III:** Drawing and Description of Mesolithic Tools: Microliths – Triangle, Lunate, Trapaze
- Unit IV:** Drawing and Description of Neolithic Tools: Ring Stone and Celt
- Unit V:** Draw and Label any three Technological Implements and describe their characteristic features

### Suggested Readings

1. Bhattacharya, D.K. (1979). Old Stone Age Tools: A Manual of Laboratory Techniques of Analysis. Calcutta: K. P. Bagchi and Company.
2. Inizan, M. L.; M. R. Ballinger; H. Roche and J. Tixier. (1999). Technology and terminology of Knapped Stone. Nanterre: CREP.
3. Oakley, K.P. (1972). Man the Tool Maker. London. Trustees of the British Museum Natural History.
4. Sankalia, H.D. (1982). Stone Age Tools: Their techniques, Names and Probable Functions. Poona: Deccan College.
5. Bhattacharya, D. K. (2006). An outline of Indian Prehistory. Delhi: Palaka Prakashan.
6. Indrani Basu Roy (2012). Anthropology: The Study of Man. S. Chand & Company Ltd., Ram Nagar, New Delhi.
7. Gaya Pandey (2010). Bio-Cultural Evolution. Concept Publishing Company Pvt. Ltd. New Delhi.
8. Sankalia, H. D. (1977). Prehistory of India. Delhi: MunshiramManoharlal Publishers Pvt. Ltd.



**AEC-III**

**Tourism Anthropology**

**Paper Code- LS/ANT/SEC-304**

**Credit-2**

**Unit I:** Tourism- aspects and prospects, anthropological issues and theoretical concerns, tourist as ethnographer; pilgrimage and Authenticity 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:** understand the implications of tourism as a major mechanism of cross-cultural interaction; role of symbolism, semiotics, and the imagination in tourism; tourism and the commodification 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.



**AEC-IV**  
**Media Anthropology**

**Paper Code- LS/ANT/SEC-303**

**Credit-2**

Unit 1: Theoretical Foundations: Introduction to Media Anthropology; Intellectual Antecedents

Unit 2: 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 3: The Cultural Work of Mass Media Production: Producing “Bollywood”.

Unit 4: The Social Sites of Film and TV Production; the Exigencies of Commercial Filmmaking; the Constraints of Public Television Production.

Unit 5: Producing Reality – Journalism and Advertising; News as Social Practice; the Local and the Global in Advertising.

Unit 6: Small Media: Materiality, Circulation, 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 from New Media; The Possibilities & Constraints of YouTube

**Suggested Readings**

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



Semester	Course Opted	Course Code	Name of the course	Credit	Hour / week
I	Core-1	LSAAU01TCE01/ LSABU01TCE01	Introduction to Socio-cultural Anthropology	4	4
	Core -1 Practical	LSAAU01LCE01/ LSABU01LCE01	Practical in Social Anthropology	2	4
	Core -2	LSAAU01TCE02/ LSABU01TCE02	Introduction to Biological Anthropology	4	4
	Core -2 Practical	LSAAU01LCE02/ LSABU01LCE02	Practical in Biological Anthropology	2	4
	Generic Elective -1 (GE- IA)*	LSAAU01TGE01/ LSABU01TGE01	Basics of Biological Anthropology	4	4
	Generic Elective - Practical*	LSAAU01LGE01/ LSABU01LGE01	Practical based on GE-1	2	4
	Ability Enhancement Compulsory Course (AECC)	LSAAU01LBE01/ LSABU01LBE01	English Communication / MIL(Hindi Communication)	4	4
	ECA	LSAAU01LBE01/ LSABU01LBE01	ECA- Extracurricular activity/Tour, Field visit/ Industrial training/ NSS/ Swachhta	2	(2)



			Abhiyan/ vocational Training/ Sports/ others		
			<b>TOTAL</b>	<b>24</b>	<b>28</b>
<b>II</b>	Core-1	LSAAU02TCE01/ LSABU02TCE01	Introduction to Archaeological Anthropology	4	4
	Core -1 Practical	LSAAU02LCE01/ LSABU02LCE01	Practical on Archaeological Anthropology	2	4
	Core -2	LSAAU02TCE02/ LSABU02TCE02	Fundamentals of Human Origin & Evolution	4	4
	Core -2 Practical	LSAAU02LCE02/ LSABU02LCE02	Practical on Human Origin & Evolution	2	4
	Generic Elective - 1 (GE-IB)*	LSAAU02TGE01/ LSABU02TGE01	Social Cultural Anthropology: Theoretical Perspective	4	4
	Generic Elective - Practical*	LSAAU02LGE01/ LSABU02LGE01	Practical based on GE- 2	2	4
	Ability Enhancement Compulsory Course (AECC)	LSAAU02LBE01/ LSABU02LBE01	Environmental Science	4	4
	<b>ECA</b>	<b>LSAAU04LBE01/ LSABU04LBE01</b>	<b>ECA-Extracurricular activity/ Tour, Field visit/ Industrial</b>	<b>2</b>	<b>(2)</b>





			training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others		
			<b>Total</b>	<b>24</b>	<b>28</b>

<sup>1</sup> This course will offer for other department's student.

*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, Chemistry, Forensic Science, Zoology, Biotechnology		
<b>SUMMER Internship:15 days (optional)</b>			<b>Swayam/Swachhta Abhiyan / NSS / Industrial/ others</b>	<b>2</b>	<b>100</b>
<b>III</b>	Core-1	LSAAU03TCE01/ LSABU03TCE01	Tribes, Caste and Peasants: Indian Context	4	4
	Core -1 Practical	LSAAU03LCE01/ LSABU03LCE01	Practical in Tribes, Caste and Peasants: Indian Context	2	4
	Core -2	LSAAU03TCE02/ LSABU03TCE02	Human Ecology: Biological & Cultural dimensions	4	4
	Core - 2 Practical	LSAAU03LCE02/ LSABU03LCE02	Practical in Human Ecology	2	4
	Core - 3	LSAAU03TCE03/ LSABU03TCE03	Biological Diversity in Human Populations	4	4



	Core – 3 Practical	LSAAU03LCE03/ LSABU03LCE03	Practical on Biological Diversity in Human Populations	2	4
	Generic Elective -1* (GEII-A)	LSAAU03TGE01/ LSABU03TGE01	Human Ecology: Biological & Cultural dimensions	4	4
	Generic Elective – Practical*	LSAAU03LGE01/ LSABU03LGE01	Practical based on GE	2	4
	<b>Skill Enhancement Course (SEC - 1)</b>	<b>LSAAU03TSE01/ LSABU03TSE01</b>	<b>To be chosen from available SEC papers^</b>	<b>4</b>	<b>2</b>
	<b>Skill Enhancement Course (SEC - 1) PRACTICAL</b>	<b>LSAAU03LSE01/ LSABU03LSE01</b>		<b>2</b>	<b>4</b>
			<b>Total</b>	<b>28</b>	<b>34</b>
<b>IV</b>	Core-1	LSAAU04TCE01/ LSABU04TCE01	Theories of Culture and Society	4	4
	Core -1 Practical	LSAAU04LCE01/ LSABU04LCE01	Practical on Culture and Society	2	4
	Core -2	LSAAU04TCE02/ LSABU04TCE02	Human Growth and Development	4	4
	Core -2 Practical	LSAAU04LCE02/ LSABU04LCE02	Practical on Human	2	4



		LSABU04LCE02	Growth and Development		
	Core – 3	LSAAU04TCE03/ LSABU04TCE03	Research Methods	4	4
	Core -3 Practical	LSAAU04LCE03/ LSABU04LCE03	Practical in Research Methods	2	4
	Generic Elective -4* (GEII-B)	LSAAU04TGE01/ LSABU04TGE01	Research Methodology	4	4
	Generic Elective - Practical	LSAAU04LGE01/ LSABU04LGE01	Practical Based on GE-4	4	4
	<b>Skill Enhancement Course (SEC - 1)</b>	<b>LSAAU04TSE01/ LSABU04TSE01</b>	<b>To be chosen from available SEC papers^</b>	<b>4</b>	<b>2</b>
	<b>Skill Enhancement Course (SEC - 1) PRACTICAL</b>	<b>LSAAU04LSE01/ LSABU04LSE01</b>		<b>2</b>	<b>4</b>
			<b>TOTAL</b>	<b>28</b>	<b>34</b>

\* This course will offer for other department's student.

<b>SUMMER Internship: 15 days (optional)</b>		<b>Swayam/Swac hhtaAbhiyan/ NSS / Industrial/ others</b>	<b>2</b>	<b>100</b>	
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**Implementation of CBCS/ECS**

**Criteria - I (1.2.2)**



V	Core-1	LSAAU05TCE01/ LSABU05TCE01	Human Genetics	4	4
	Core -1 Practical	LSAAU05LCE01/ LSABU05LCE01	Practical on Human Genetics	2	4
	Core -2	LSAAU05TCE02/ LSABU05TCE02	Anthropology in Practice	4	4
	Core -2 Practical	LSAAU05LCE02/ LSABU05LCE02	Practical on Anthropology inPractice	2	4
	Discipline Specific Elective (DSE- 1)	LSAAU05TOE01/ LSABU05TOE01	To be chosen from available DSE papers*	4	4
	DSE-1 - Practical	LSAAU05LOE01/ LSABU05LOE01	Practical based on DSE-1	2	4
	Discipline Specific Elective (DSE- 2)	LSAAU05TOE02/ LSABU05TOE02	To be chosen from available DSE papers*	4	4
	DSE-2 - Practical	LSAAU05LOE02/ LSABU05LOE02	Practical based on DSE-2	2	4
			<b>TOTAL</b>	<b>24</b>	<b>32</b>
VI	Core-1	LSAAU06TCE01/ LSABU06TCE01	Applied Biological Anthropology	4	4
	Core -1 Practical	LSAAU06LCE01/ LSABU06LCE01	Practical on Applied BiologicalAnthropology	2	4
	Core -2	LSAAU06TCE02/ LSABU06TCE02	Indian Anthropology	4	4



	Core -2 Practical	LSAAU06LCE02/ LSABU06LCE02	Practical on Indian Anthropology	2	4
	Discipline Specific Elective (DSE- 1)	LSAAU06TOE01/ LSABU06TOE01	To be chosen from available DSE papers*	4	4
	DSE-1 - Practical	LSAAU06LOE01/ LSABU06LOE01	Practical based on DSE-1	2	4
	Field Work or Project work followed by Presentation /Viva-voce etc.	LSABU06LCE03	Will be decided by HOD in consultation with other faculties	6	8
			<b>TOTAL</b>	<b>24</b>	<b>32</b>
			<b>TOTAL CREDITS</b>	<b>152 + 4 (SI)</b>	

\*List of DSE & AECC papers is attached at the end

<b>Discipline Specific Course (DSE) Two</b> each in Semester V and VI. To be chosen from the following.	<b>Ability Enhancement Elective Course</b> <b>(SkillBased)</b> One each in Semester III and IV. To be chosen from the following
DSE-1: Sports Anthropology	AECC-1: Statistical Package for Social Science (SPSS)
DSE-2: Advanced Human Genetics	AECC-2: Museum Anthropology
DSE-3: Anthropology of Religion, Politics and Economy	AECC-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: Linguistic Anthropology	
DSE-16: 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 skillful 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:

- Students will possess problem solving skills that are required to solve different types of Anthropology-related problems with well-defined solutions, and open-ended problems that may cross disciplinary-area boundaries.

Students will be competent enough in investigating skills, related to Anthropology-related issues and problems;

(i) 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;

(ii) 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 environments.





B.A./B.Sc. I<sup>st</sup> Semester

Core:- Introduction to Social - Cultural Anthropology

Paper Code: LSAAU01TCE01/ LSABU01TCE01

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; age area hypothesis.
- Unit III:** Basic Concepts in Social Anthropology: Social group: Primary and secondary Group; **Social structure and social organization; Culture and Civilization; social stratification.**
- 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, Kinship Behaviour – Joking and avoidance relationship.
- Unit V:** Economic Organization: Concept and scope, characteristics of primitive and peasant economy; Religion, Magic and Science: Concept and meaning of primitive religion: Animism & Animatism, Manaism, Magic – Types, Sorcery, Witchcraft, Shamanism, Taboo; Political Organization: Types – 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.



**B.A./B.Sc. I<sup>st</sup> Semester**

**Core-1 Practical in Social - Cultural Anthropology**

**Paper Code:- LSAAU01LCE01/ LSABU01LCE01      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 social research
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- LSAAU01TCE02/ LSABU01TCE02**

**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.

### B.A./B.Sc. I<sup>st</sup> Semester

#### Core-2 Practical in Biological Anthropology

Paper Code:- LSAAU01LCE02/ LSABU01LCE02

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.

**B.A./B.Sc. II<sup>nd</sup> Semester**  
**Core -1: Introduction to Archaeological Anthropology**

**Paper Code: LSAAU02TCE01/ LSABU02TCE01**

**4 Credits**

**Unit I: Introduction**

- Conceptual understanding, meaning Definition and scope and branches Definition and scope of archaeological anthropology.
- Relationship with other disciplines.
- Methods of studying archaeological anthropology

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

- Absolute dating methods (c<sup>14</sup>)
- Relative dating methods (Stratigraphy)
- Methods of climatic reconstruction: paleontology,

**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
- Cultural periods of tool typical
- Unit V: Evidence of Prehistoric Culture: Europe and India Characteristics and features of major tool types and important sites, Rock art of India

**List of Revised Courses**

**Criteria - I (1.1.2)**



- i Lower palaeolithic;
- ii Middle palaeolithic;
- iii Upper palaeolithic;
- iv Mesolithic culture;
- v. Neolithic culture

### Suggested Readings

1. Allchin and Allchin (1993). *The Rise of Civilization of India and Pakistan*.  
Cambridge University Press



B.A./B.Sc. II<sup>nd</sup> Semester

Core-1 Practical in Archaeological Anthropology

Paper Code:- LSAAU02LCE01/ LSABU02LCE01

2 Credits

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

1. Palaeolithic 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-2: Fundamentals of Human Origin & Evolution**

**Paper Code:** LSAAU02TCE02/ LSABU02TCE02

**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
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.





B.A./B.Sc. II<sup>nd</sup> Semester

Core-2 Practical in Fundamental of Human Origin & Evolution

Paper Code: LSAAU02LCE02/ LSABU02LCE02

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.



B.A./B.Sc. III<sup>rd</sup> Semester

Core-1- Tribes, Caste and Peasants: Indian Context

Paper Code: LSAAU03TCE01/ LSABU03TCE01

Credit- 4

**Unit I: Anthropological Concept of Tribe**

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

**Unit II: Tribes and Wider world.**

- Constitutional safeguards for the tribes; Fifth Schedule and Sixth Schedule
- Development Initiatives: PESA 1996, FRA 2006, R & R Act, 2013

**Unit III: Caste in India**

- Concept, Definition and features of caste system
- Features and Changes in Caste System
- Caste in Contemporary India: Politics and Caste

**Unit IV: Anthropological Concept of Village**

- The concept of peasantry.
- Approaches to the study of peasants – economic, political and cultural.

**Unit V: Indian Village**

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

**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.



**B.A./B.Sc. IIIrd Semester**

**Core -1 Practical in Tribes, Caste and Peasants: Indian Context Paper**

**Code:** LSAAU03LCE01/ LSABU03LCE01

**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 (1992). *The Muria and their Ghotul*. USA: Oxford University Press.
3. Malinowski M. (1922). *Argonauts of the Western Pacific*. London: Routledge and Kegan Paul Ltd.
4. Furer-Haimendorf C.V. (1939). *The Naked Nagas*. London: Methuen and Co.



B.A./B.Sc. III Semester

Core- 2 Human Ecology: Biological & Cultural dimensions

Paper Code: LSAAU03TCE02/ LSABU03TCE02

Credit- 4

## Biological Dimensions

**Unit I:** Concepts in Ecology: Definition, eco-sensitivity adaptation, acclimation, acclimatization, biotic and abiotic component.

**Unit II:** Methods of studying human ecology. Adaptation to various ecological stresses; Ecological rules and their applicability to human populations.

**Unit III:** Impact of urbanization and industrialization on Man.

**Unit IV:** Culture as a tool of adaptation; Various modes of human adaptation in pre-statesocieties.

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

**Unit V:** Ecological themes of state formation: i. Neolithic revolution, ii. Hydraulic civilization. Agriculture and peasantry; Industrial civilization and growth of urban societies.

### 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.



B.A./B.Sc. III Semester

Core-2 Practical in Human Ecology

Paper Code: LSAAU03LCE02/ LSABU03LCE02

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





physicaladaptation. (1976).Berry, J.B. New York: John Wiley.

B.A./B.Sc. III Semester

Core-7: Biological Diversity in Human Populations

Paper Code: LSAAU03TCE03/ LSABU03TCE03

Credit- 4

**Unit I:** Concept of Biological Variability; Hardy-Weinberg Law; Sources of Genetic Variation; Interpretation of Human Variation, Genetic Polymorphism; Human Adaptability –Adaptive Mechanisms determining the types of adaptation.

**Unit II:** Race; A critical appraisal of contribution of Risley, Guha and Sarkar towards understanding ethnic elements in the Indian populations.

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

**Unit IV:** Perspective of Demographic Anthropology; Sources of Demographic Data, Demographic Processes, Demographic profile of Indian populations and its growth structure;

**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. o R. (1993) *Human Adaptation and Accommodation*. University of Michigan press
4. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
5. Jurmain Robert Lynn kilgore Wenda Trevathan and Ciochon (2010). *Introduction to*



*Physical Anthropology.* Wadsworth Publishing, USA.



B.A./B.Sc. III Semester

Core-3 Practical on Biological Diversity in Human Populations

Paper Code: LSAAU03LCE03/ LSABU03LCE03

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.



B.A./B.Sc. IV Semester

Core-1 Theories of Culture and Society

Paper Code: LSAAU04TCE01/ LSABU04TCE01

Credit- 4

- Unit I: Evolutionism and Diffusionism, Historical Particularism, Neo-evolutionism, Emergence of fieldwork tradition.
- Unit II: Durkheim and social integration, Functionalism and Structural-functionalism and British Social Anthropology: Radcliff Brown and Malinowski
- Unit III: Recent trends in Anthropological Theories: Symbolic Approach, Interpretative Approach
- Unit IV: Patterns of culture
- Unit V: Culture & personality

## 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-1 Practical on Culture and Society

Paper Code: LSAAU04LCE01/ LSABU04LCE01

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-2: Human Growth and Development**

**Paper Code:** LSAAU04TCE02/ LSABU04TCE02

**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; Somatotyping 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



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B.A./B.Sc. IV Semester

Core-2: Practical on Human Growth and Development

Paper Code: LSAAU04LCE02/ LSABU04LCE02

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



**B.A./B.Sc. IV Semester**

**Core-1: Research Methods**

**Paper Code: LSAAU04TGE01/ LSABU04TGE01**

**Credit- 4**

**Unit I: Field work tradition in Anthropology**

Ethnographic approach, contribution of Malinowski, Boas and other pioneers; cultural relativism, ethnocentrism, etic and emic perspectives, comparative and historical methods, techniques of rapport establishment, identification of representative categories of informants, maintenance of field diary and logbook

**Unit II: Research Design**

Review of literature, conceptual framework, formulation of research problem, formulation of hypothesis, sampling, tools and techniques of data collection, basic tenets of qualitative research and its relationship with quantitative research

**Unit III: Tools and techniques of data collection**

Concept of survey, relationship of survey method with ethnographic method, construction of questionnaire and interview schedule, validation and internal consistency of questionnaire Observation –

Unit IV: Direct, Indirect, Participant, Non-participant, Controlled

Interview - Structured and unstructured, Focused Group Discussion, key informant interview Case Study and life history; Genealogy-Technique and application.

**Unit V**

Chapterization, preparing a text as Research publications for submission and publication in books and journals; Research Report:, concepts of preface, notes (end and footnotes), glossary, prologue and epilogue, appendix, bibliography (annotated) and references cited, review and index. Similarities and differences between qualitative and quantitative data 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.

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B.A./B.Sc. IV Semester

Core-1: Practical in Research Methods

Paper Code: LSAAU04LGE01/ LSABU04LGE01

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, Focussed 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.



B.A./B.Sc. V Semester

Core-1: Human Genetics

Paper Code: LSAAU05TCE01/ LSABU05TCE01

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, Pleiotrophin.
- Unit IV** Modes of inheritance: 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. SanFrancisco: Freeman
3. Cooper DN and Kehrler-Sawatzki H. (2008). Handbook of Human Molecular Evolution. JohnWiley & Sons, volume-2.
4. Crawford MH (2007). *Anthropological Genetics Theory, Methods and Applications*. Cambridge University Press

**List of Revised Courses**

**Criteria - I (1.1.2)**





B.A./B.Sc. V Semester

Core-1: Practical on Human Genetics

Paper Code: LSAAU05LCE01/ LSABU05LCE01

Credit- 2

Practical Credit- 2

- Unit I: Bloodgroup typing-A1,A2,B,O,MN and Rh(D) blood groups
- Unit II: Colorblindness
- Unit III: Glucose-6-phosphatedehydrogenasedeficiency(G6PD)
- Unit IV: PTCtastingability
- Unit V: Biochemicalmarkers-DNAisolationand polymerasechainreaction(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. SanFrancisco: Freeman
3. Cooper DN and Kehrler-Sawatzki H. (2008). Handbook of Human Molecular Evolution. JohnWiley & 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



**B.A./B.Sc. V Semester**

**Core-2: Anthropology in Practice**

**Paper Code:** LSAAU05TCE02/ LSABU05TCE02

**Credit- 4**

**Unit I: Academic Anthropology**

Academics and Practitioners: Differences, Structure, Activities, Controversies and Issues: 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, Organizational Anthropology, Environment and Community Health, Social and economic sustainability, Cultural resource management

**Unit III: Future Dynamics in Anthropology**

Trends in Anthropology: Anthropology of Tourism, Anthropology In Census Designing And Fashion, Visual Anthropology

**Unit IV: Constitutional Perspective and Human Rights**

Constitutional Provisions, Evaluation, Planning and Development of Indian Populations; Human Rights, Interrelationships of rights and duties: Harmony and Conflict, Protection and enforcement of human rights and duties, National and State Human Rights Commission and other grievance redressal mechanism, Human rights of special category and marginal groups.

**Unit V: Biosocial anthropology in practice**

Bio-social elements of human development at national and international level, application of conceptual framework of Forensic Anthropology in judicial settings both criminal and civil, Population Dynamics and relationship between population growth and various aspects of culture such as means of subsistence, kinship, social contact

**Suggested Readings**

1. Arya A and Kapoor AK. (2012). Gender and Health Management in Afro-Indian GlobalVision 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

B.A./B.Sc. V Semester

Core-2: Practical in Anthropology in Practice

Paper Code: LSAAU05LCE02/ LSABU05LCE02

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.



B.A./B.Sc. VI Semester

Core-1: Applied Biological Anthropology

Paper Code: LSAAU06TCE01/ LSABU06TCE01

Credit- 4

- UNIT-I Medical Anthropology: Meaning and Scope, Theories of Medical Anthropology: Socio-Cultural perspective, Bio-cultural perspective, Critical Medical Anthropology.
- UNIT-II Concept and Interpretation of Health, Illness and Disease: Socio-cultural and Bio-medical perspectives, Medical Pluralism and Syncretism, Ethno-medicine, Medical systems in India, Tribal health and 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.
- UNIT-V Malnutrition: over-and under-nutrition, malnutrition—their evaluation and general consequences. Nutritional adaptation in man



B.A./B.Sc. VI Semester

Core-1: Practical in Applied Biological Anthropology

Paper Code: LSAAU06LCE01/ LSABU06LCE01

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).



B.A./B.Sc. VI Semester

Core-2: Indian Anthropology

Paper Code: LSAAU06TCE02/ LSABU06TCE02

Credit- 4

Unit I:

- Origin, history and development of Anthropology in India, Approaches to study Indian society and culture.
- Racial and linguistic elements in Indian population
- Understanding the diversity of Indian social structure - concept of Varna, Jati, Caste, Ashram or purusharatha, Gender hierarchies - their economic and cultural impact.

Unit II:

- Contribution of contemporary biological, social and archaeological anthropologists in India.

Unit III:

- Aspects of Indian Village –social organisation, agriculture and impact of market economy on villages
- Impact of culture-contact, urbanization and industrialization on tribal and rural population;
- Developmental projects- tribal displacements and rehabilitation problem

Unit IV:

- Basic concepts -Great tradition and little tradition, sacred complex, Universalization and parochialization, Sanskritization and Westernization, Dominant caste, Tribe-caste continuum, Nature-Man-Spirit complex, Pseudotribalism.

Unit V:

- Problems of exploitation and deprivation of scheduled caste/ tribe and Other Backward Classes.
- Constitutional safeguards for the Scheduled caste and scheduled tribes.

Suggested Reading

1. Nicholas D. (2001). Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.



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B.A./B.Sc. VI Semester

Core-2: Practical in Indian Anthropology

Paper Code: LSAAU06LCE02/ LSABU06LCE02

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.



## 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
- 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.



## 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 Genetic Study in Human: Pedigree analysis and expressivity; Chromosomal Basis of Genetic Disorders (Karyotypes and identification of chromosome variation; Nucleic Acid Hybridization Assays, cytogenetic mapping), Genetic mapping (Microsatellite and other DNA polymorphisms), LOD score; sequencing strategies (PCR based Sanger sequencing to Exome sequencing), concept of non-mendelian inheritance and complex diseases

### 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.



## DSE-3: Anthropology of Religion, Politics and Economy

- Unit I:** Anthropological approaches to understand 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, and consumption in simple and complex societies; critical examination of relationship between economy and society.
- 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; the meaning and sources of identity in complex contemporary 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.



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## 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, Salient 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 movement; Submission of the report and 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



## DSE-5: Tribal Cultures of India

### Unit I:

Concept of tribes and its problematic nature, 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, Gender and Tribe,

### Unit III:

Tribes: Nomenclature- emic and etic differences, Classification of tribes based on their economy, occupation and religion, Racial elements among the tribes, Scheduled and non- scheduled categories of tribes

### Unit IV:

Tribal movements, Tribal monographs, 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.





## DSE-6: Anthropology of Health

### Unit-I: Introduction and Overview of the Field of Anthropology & Health.

Defining Health and Illness in Cross-Cultural Perspective. Looking at “health,” “illness,” and related concepts in Western culture,

### Unit – II: Measuring Health: Morbidity, Mortality, and Epidemiology

Morbidity, Mortality, Epidemiology: Meaning, scope and methods. Epidemiology of common communicable diseases: Malaria, Tuberculosis, Leprosy, Diabetes, Cardiovascular disease and Sexually Transmitted Diseases (STDs), HIV/AIDS,

**Unit – III: Women’s Health, Sex, Family Planning, and Maternal-Infant Health**  
Reproductive life, child Birth, Family planning adoption, male dominance, Nursing and early nurture, hyper-menstruation and its corollaries. Population variation and its relation to health and disease.

**Unit – IV: Healing and Healers in Cross-Cultural Perspectives.**  
Shamanism, Magic, and Healing. Shaman, Magic, Witchcraft and Sorcery,

### Unit – V: Folk Healers and “Alternative Medicine.”

Types of healers and healing, Problems in evaluating efficacy, Sources of dissatisfaction with mainstream medicine.

### Practical in Anthropology of Health

- Unit I : Make a Schedule on Health and Demography and fertility history
- Unit II: Calculation of Infant Sex ratio, Fertility rate, Total fertility rate, Mortality rate,
- Unit III: Birth rate, crude birth rate, crude death rate, Mortality rate, life expectancy, immigration rate, population growth rate.
- Unit IV: Identification and Characteristics of Various diseases.
- Unit IV: Case Studies of Traditional and Modern healers.

### Suggested Readings

- Rajesh Khanna and A.K. Kapoor. 2007. Ethnic Groups and Health Dimensions. Discovery Publishing House, New Delhi.
- Chin, James, M.D., M.P.H. (ed.) 2000. Control of Communicable Diseases Manual. 17th Edition. American Public Health Association. *Anyone interested in field work in less developed areas should own this book for reference.*



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## 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 H. sapiens, prehistoric hunter-gatherers, modern 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.



## 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 population of Chhattisgarh: Geographic distribution, Demographic and Socio-economic characteristics (based on Census or State Level Survey)
- Unit IV:** Ethnographic classification 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, their interethnic relation.

## 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. Vidyarathi 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



## DSE: 9 Urban Anthropology

### Unit I: Emergence of urban anthropology

Introduction, Extension of the anthropological interest in peasants and rural areas, Origins of Cities and Early Sociological Approaches.

### Unit II: Political economy

Rural-urban migration Ethnicity, kinship in the city, problems that arise from urbanism, poverty and social stratification

### Unit III: Class approach

Culture of Poverty and the Underclass Approach, Comparison between relations function in an urban setting versus function in a rural setting, ethnic and class in Urban Ethnography, Urban Dystopia

### Unit IV: Urban Inequality and Disasters

Poverty, extended family for urban natives versus migrants, Global Cities and the Production of Space, Community study and urban ecology, Urban Space, Postmodern and Hypermodern City

### Unit V: Global Urban Developments

Urban ethnography research and methodology, Contemporary urban issues: Suburbs, Slums Urban expansion dichotomy.

### Practical

Unit I Visit city life among business community and appreciate the role of culture with politics and economics.

Unit II Document various Media related popular cultures

Unit III Photo shoot in any city life, Creating captions and

Unit IV Texts relating to urban anthropology findings.

Unit V Carry out the content analysis of various social problems observed in daily national English news paper.

### Suggested readings

1. <http://www.oxfordbibliographies.com/>
2. Cities, classes and the social order. Anthony Leeds, Roger Sanjek
3. Childe, V. Gordon. 1950. "Urban Revolution." Town Planning Review.
4. Low Reader Part V: "The Postmodern City" in Low pp. 317-377; Dear and Flusty .
5. "Anthropological Fieldwork in Cities", "The anthropology of Cities: Some Methodological Issues".



### 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 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 data analysing using SPSS. SAGE Response, New Delhi, India, 2009.
2. B.L. Agarwal. Basic Statistics. New Age International Publishers. Fourth Edition, 2006.



## DSE-11 Visual Anthropology

**UNIT 1:** Introduction to Visual Anthropology. Visual Culture. Photographic and DigitalMedia: Still, Interactive and Moving.

**UNIT 2:** Theory and Representation. Anthropology and Images: Ethnophotography 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.

**UNIT 6:** Cinema Studies with emphasis on key feature, documentary and ethnographic films with a focal theme - the examination of the 'language of film'.

### 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. I
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.]



## 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.

### 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
- Mesolithic
- Neolithic
- Chalcolithic
- Art, ritual and belief

## Practical

### Unit I: Identification of tools:

- Handaxe varieties, chopper/chopping tools
- 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. Sources of demographic data in India
2. Growth of Indian population
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 **Paleoanthropology** 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)



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## 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 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; External aided development projects, challenges & opportunities: few case studies.
- 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: Linguistic Anthropology**



**DSE-16: Field Work (in Semester VI only)**

All the students are required to undertake field work in rural/ tribal/ urban area for a period of 15 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- LSAAU-----/ LSABU-----

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

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. New Arrivals-PHI



Ability enhancement elective (skill based)

AEC-II: Museum Anthropology

Paper Code- LSAAU-----/ LSABU-----

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**

**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. Retrieval 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



SEC-III

Tourism Anthropology

Paper Code- LSAAU-----/LSABU-----

Credit-2

**Unit I:** Tourism- aspects and prospects, anthropological issues and theoretical concerns, tourist as ethnographer; pilgrimage and Authenticity 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:** understand the implications of tourism as a major mechanism of cross-cultural interaction; role of symbolism, semiotics, and the imagination in tourism; tourism and the commodification 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.



AEC-IV

## Media Anthropology

Paper Code- LSAAU-----/LSABU-----

Credit-2

Unit I: Theoretical Foundations: Introduction to 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 Work of Mass Media Production: Producing “Bollywood”.

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 Local and the Global in  
Advertising. Small Media: Materiality, Circulation,

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 from New Media; The Possibilities & Constraints of  
YouTube

## Suggested Readings

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



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**Generic Elective-1 (GE-IA)**

**Basics of Biological Anthropology**

**Code- LSAAU01TGE01/ LSABU01TGE01**

**Credit-4**

**UNIT-I**

Basic Concepts; Scope, Development of Biological Anthropology

**UNIT-II**

Theories of Evolution- Lamarckism, Neo-Lamarckism, Darwinism, Synthetic theories, Mutation and Neo-Mutation theory

**UNIT-III**

Concept of Human Growth and Development, Evolutionary perspective on human growth (Living primate & fossil human ancestors) influencing pattern of growth & narratives method & techniques to study growth & significance

**UNIT-IV**

Bio-cultural factors (Genetic, social and ecological) influencing patterns of growth and variations methods and techniques to study growth & significance

**UNIT-V**

Bio-cultural adaptation and environmental stress-heat, cold and attitude. Homeostatic and thermoregulation, ecological rules and their applicability among their human beings.

**Suggested Reading**

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



## Generic Elective

### Practical on Basics of Biological Anthropology

Code- LSAAU01LGE01/ LSABU01LGE01

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 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. 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-** LSAAU02TGE01/ LSABU02TGE01

**Credit-4**

**Unit-I:** Basic concepts: Scope, Development of Socio-Cultural Anthropology, Branches of Social Anthropology,

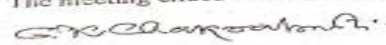
**Unit-II:** Relationship with other Social Sciences.

**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

The meeting ended with thanks to the Chair.

  
Prof. G.K. Chakrabarti  
External Expert Member  
Nominated by HVC

  
Dr. Subal Das  
Member

  
Dr. N. Panigrahi  
Chairman, BoS

  
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Department of Anthropology & T.D.  
(C.G.)



**Generic Elective Practical on Socio-Cultural Anthropology**

**Code- LSAAU02LGE01/ LSABU02LGE01**

**Credit-4**

**Practical**

Unit I: Methods and Techniques of Social Anthropology

Unit II: Observation

Unit III: Interview

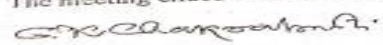
Unit IV: Questionnaire and schedule


**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.: CambridgeUniversity Press.
4. Nadel, S. F. (1951). The Foundations of Social Anthropology. Glencoe, III: Free Press.

The meeting ended with thanks to the Chair.

  
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**Generic Elective-3 (GE-IB)**

**Human Ecology: Bio Cultural Perspective**

**Code- LSAAU03TGE01/ LSABU03TGE01**

**Credit-4**

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

**Unit-II:** Methods of studying Human Ecology

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

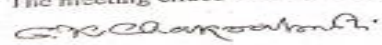
**Unit-IV:** Culture as a tool of adaptation-Hunting and Food Gathering,

**Unit-V:** Pastoralism, Shifting Cultivation

**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.

The meeting ended with thanks to the Chair.

  
Prof. G.K. Chakrabarti  
External Expert Member  
Nominated by HVC

  
Dr. Subal Das  
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Dr. N. Panigrahi  
Chairman, BoS

  
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**Generic Elective**

**Practical on Human Ecology: Bio Cultural Perspective**

**Code- LSAAU03LGE01/ LSABU03LGE01**

**Credit-4**

Unit I: Biological Dimensions of Adaptation:

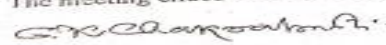
Unit II: Size and Shape measurement Size and shape indicators

**Unit III: Cultural dimensions of Adaptation:**

**Unit IV: Make a research design to any environmental problem**

Unit V: Prepare a project base

The meeting ended with thanks to the Chair.

  
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**Generic Elective-4 (GE-IB)**

**Basic Research Methodology**

**Code- LSAAU04TGE01/ LSABU04TGE01**

**Credit-4**

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

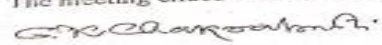
**Unit-IV:** Analysis and writing up structure, Research article data analysis

**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.

The meeting ended with thanks to the Chair.

  
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**Generic Elective**

**Practical in Basic Research Methodology**

**Code- LSAAU04LGE01/ LSABU04LGE01**

**Credit-4**

**Practical**

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

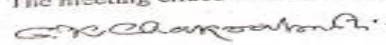
**Unit-II:** Unit-I: Preparation of Research Problem.

**Unit-III:** Research design,

**Unit-IV:** Data collection and analysis,

**Unit-V:** Project Report Writing:

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