



## Implementation of CBCS / ECS

**Department : Anthropology and Tribal Development**

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

**Academic Year :2021-22**

### **Implementation of CBCS / ECS**

Sr. No.	Course Code	Name of the Course
1.	LSAAU01TCE01/ LSABU01TCE01	Introduction to Socio-cultural Anthropology
2.	LSAAU01LCE01/ LSABU01LCE01	Practical in Social Anthropology
3.	LSAAU01TCE02/ LSABU01TCE02	Introduction to Biological Anthropology
4.	LSAAU01LCE02/ LSABU01LCE02	Practical in Biological Anthropology
5.	LSAAU01TGE01/ LSABU01TGE01	Basics of Biological Anthropology
6.	LSAAU01LGE01/ LSABU01LGE01	Practical based on GE-1
7.	LSAAU01LBE01/ LSABU01LBE01	English Communication / MIL(Hindi Communication)
8.	LSAAU01LBE01/ LSABU01LBE01	ECA-Extracurricular activity/Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others
9.	LSAAU02TCE01/ LSABU02TCE01	Introduction to Archaeological Anthropology
10.	LSAAU02LCE01/ LSABU02LCE01	Practical on Archaeological Anthropology
11.	LSAAU02TCE02/ LSABU02TCE02	Fundamentals of Human Origin & Evolution
12.	LSAAU02LCE02/	Practical on Human Origin &



	LSABU02LCE02	Evolution
13.	LSAAU02TGE01/ LSABU02TGE01	Social Cultural Anthropology: Theoretical Perspective
14.	LSAAU02LGE01/ LSABU02LGE01	Practical based on GE-2
15.	LSAAU02LBE01/ LSABU02LBE01	Environmental Science
16.	LSAAU04LBE01/ LSABU04LBE01	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others
17.	LSAAU03TCE01/ LSABU03TCE01	Tribes, Caste and Peasants: Indian Context
18.	LSAAU03LCE01/ LSABU03LCE01	Practical in Tribes, Caste and Peasants: Indian Context
19.	LSAAU03TCE02/ LSABU03TCE02	Human Ecology: Biological & Cultural dimensions
20.	LSAAU03LCE02/ LSABU03LCE02	Practical in Human Ecology
21.	LSAAU03TCE03/ LSABU03TCE03	Biological Diversity in Human Populations
22.	LSAAU03LCE03/ LSABU03LCE03	Practical on Biological Diversity in Human Populations
23.	LSAAU03TGE01/ LSABU03TGE01	Human Ecology: Biological & Cultural dimensions
24.	LSAAU03LGE01/ LSABU03LGE01	Practical based on GE
25.	LSAAU03TSE01/ LSABU03TSE01	To be chosen from available SEC papers^
26.	LSAAU03LSE01/ LSABU03LSE01	
27.	LSAAU04TCE01/ LSABU04TCE01	Theories of Culture and Society
28.	LSAAU04LCE01/ LSABU04LCE01	Practical on Culture and Society
29.	LSAAU04TCE02/ LSABU04TCE02	Human Growth and Development



30.	LSAAU04LCE02/ LSABU04LCE02	Practical on Human Growth and Development
31.	LSAAU04TCE03/ LSABU04TCE03	Research Methods
32.	LSAAU04LCE03/ LSABU04LCE03	Practical in Research Methods
33.	LSAAU04TGE01/ LSABU04TGE01	Research Methodology
34.	LSAAU04LGE01/ LSABU04LGE01	Practical Based on GE-4
35.	LSAAU04TSE01/ LSABU04TSE01	To be chosen from available SEC papers
36.	LSAAU04LSE01/ LSABU04LSE01	
37.	LSAAU05TCE01/ LSABU05TCE01	Human Genetics
38.	LSAAU05LCE01/ LSABU05LCE01	Practical on Human Genetics
39.	LSAAU05TCE02/ LSABU05TCE02	Anthropology in Practice
40.	LSAAU05LCE02/ LSABU05LCE02	Practical on Anthropology in Practice
41.	LSAAU05TOE01/ LSABU05TOE01	To be chosen from available DSE papers*
42.	LSAAU05LOE01/ LSABU05LOE01	Practical based on DSE-1
43.	LSAAU05TOE02/ LSABU05TOE02	To be chosen from available DSE papers*
44.	LSAAU05LOE02/ LSABU05LOE02	Practical based on DSE-2
45.	LSAAU06TCE01/ LSABU06TCE01	Applied Biological Anthropology
46.	LSAAU06LCE01/ LSABU06LCE01	Practical on Applied Biological Anthropology
47.	LSAAU06TCE02/ LSABU06TCE02	Indian Anthropology
48.	LSAAU06LCE02/ LSABU06LCE02	Practical on Indian Anthropology
49.	LSAAU06TOE01/ LSABU06TOE01	To be chosen from available DSE papers*
50.	LSAAU06LOE01/ LSABU06LOE01	Practical based on DSE-1
51.	LSABU06LCE03	Will be decided by HOD in consultation with other faculties



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

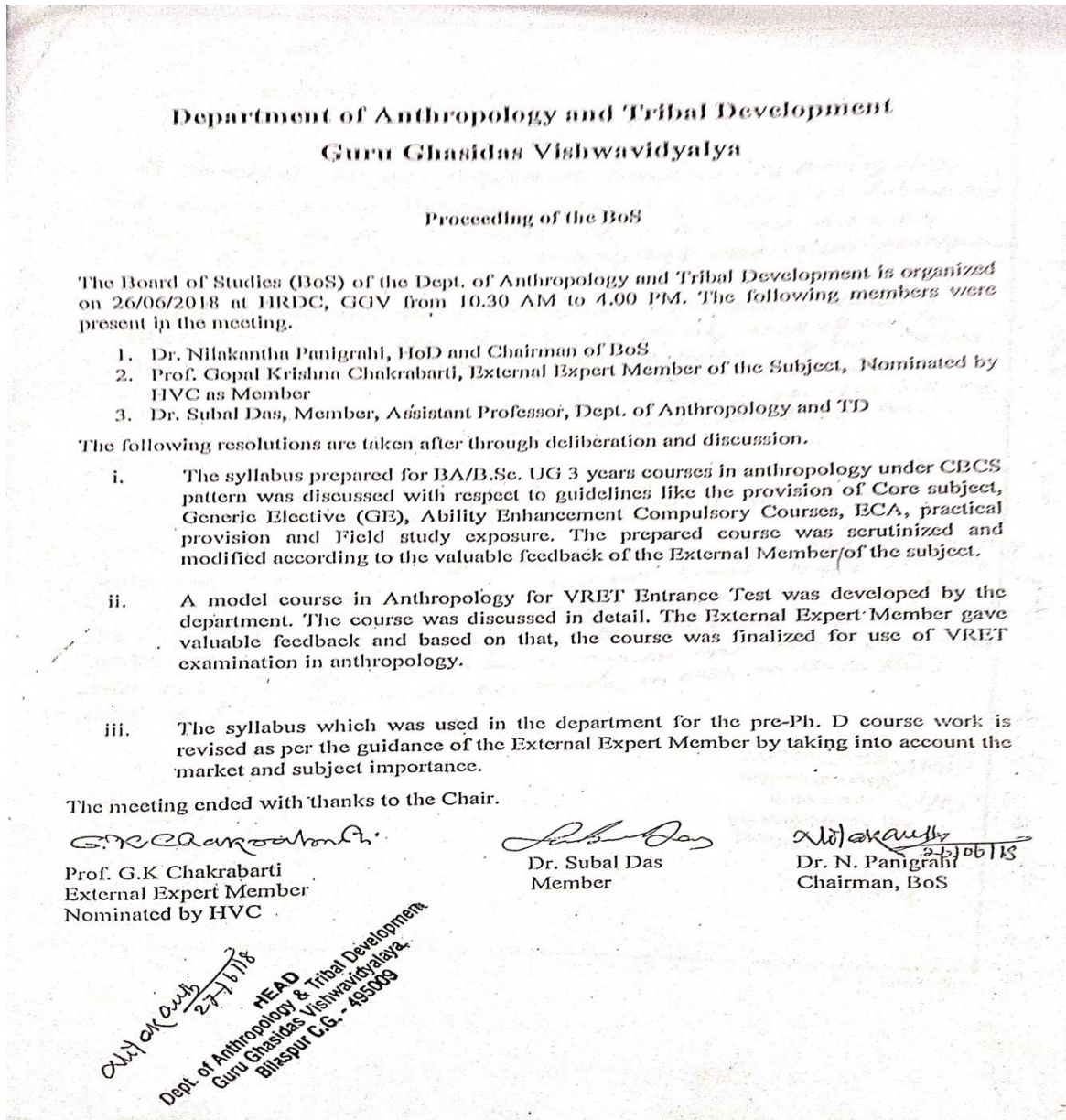
Academic Year :2021-22

School : *School of Studies in Life Sciences*

Department : Anthropology and Tribal Development

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

Venue : *E-Class Room*





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

**Academic Year :202-22**

**School : School of Studies in Life Sciences**

**Department : Anthropology and Tribal Development**

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

**Venue :E-Class Room**

Department of Anthropology and Tribal Development

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

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

A.R. (Acad)

*Nilakanth*  
26/10/21  
Anthropology

Members:

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

*online, mail attached.*

*Nilakanth*

*Nilakanth*  
26/10/21

*Nilakanth*  
26/10/21

*ok*

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

Signature & Seal of Ho

Implementation of CBCS/ECS

Criteria - I (1.2.2)

*Nilakanth*  
Signature/H.O.D.  
कोनी बिलासपुर विश्वविद्यालय  
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	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 -1 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/	2	(2)



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



	ECA	LSAAU04LBE01/ LSABU04LBE01	ECA-Extracurricular activity/ Tour, Field visit/ Industrial training/ NSS/ Swachhta Abhiyan/ vocational Training/ Sports/ others	2	(2)
			Total	24	28

<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		
SUMMER Internship: 15 days (optional)			Swayam/Swachhta Abhiyan / NSS / Industrial/ others	2	100
III	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
	Skill Enhancement Course (SEC - 1)	LSAAU03TSE01/ LSABU03TSE01	To be chosen from available SEC papers^	4	2
	Skill Enhancement Course (SEC - 1) PRACTICAL	LSAAU03LSE01/ LSABU03LSE01		2	4
			<b>Total</b>	<b>28</b>	<b>34</b>
IV	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	4	4



		LSABU04TCE02	Development		
Core -2 Practical		LSAAU04LCE02/ LSABU04LCE02	Practical on Human Growth and Development	2	4
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
Skill Enhancement Course (SEC - 1)		LSAAU04TSE01/ LSABU04TSE01	To be chosen from available SEC papers^	4	2
Skill Enhancement Course (SEC - 1) PRACTICAL		LSAAU04LSE01/ LSABU04LSE01		2	4
			<b>TOTAL</b>	<b>28</b>	<b>34</b>

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

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

Criteria - I (1.2.2)



(optional )		others			
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 Biological Anthropology	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

Discipline Specific Course (DSE) Two each in Semester V and VI. To be chosen from the following.	Ability Enhancement Elective Course (SkillBased) 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	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)	



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.



**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 ( $c^{14}$ )
- 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



- 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

**Implementation of CBCS/ECS**

**Criteria - I (1.2.2)**

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



**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 physical adaptation. (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



**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.



**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 Kehrer-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



**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 Kehrer-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.



**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.



## 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)



## 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-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.





**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



## 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.



**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.



**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



**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.



**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: