

**SCHOOL OF STUDIES OF LIFESCIENCES**  
**GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR**  
**(C.G.)(A CENTRAL UNIVERSITY)**  
**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-**  
**23)B.A./BSc.THREE YEAR (SEMESTER-I)**  
**Anthropology and Tribal Development**

S.N O.	COUR SE NO.	SUBJECT	PERIO D			EVALUATI ONSCH EME			CREDIT S
			L	T	P	I A	ES E	SUB - TOT AL	
1	AAUAT T1/ASU ATT1	Introduction to Socio- culturalAnth hropology	3	1	-	30	70	100	4
2	AAUAT T2/ASU ATT2	Introduction to Biological Anthropology	3	1	-	30	70	100	4
3	AAUATG 1/ ASUATG 1	Basics of BiologicalAnthro pology	3	1	-	30	70	100	4
4	AAUATA 1/ ASUATA 1	Demograp hicAnthrop ology	3	1	-	30	70	100	4
5	AAUAT S1/ASU ATS1	Statistical Package for social science Bio-social sciences	2	-	-	30	70	100	2
<b>TOT AL</b>			<b>1 4</b>	<b>4</b>	<b>-</b>	<b>15 0</b>	<b>350</b>	<b>500</b>	<b>18</b>
<b>Practical</b>									
1	AAUAL T1/ASU ALT1	PracticalinSoci alAnthropology	-	-	2	30	70	100	1
2	AAUAL T2/ASU ALT2	Practical inBiologica lAnthropol ogy	-	-	2	30	70	100	1
3	AAUALG 1/ ASUALG 1	Practical based onGE-1	-	-	2	30	70	100	1

<b>TOTAL</b>	-	-	6	90	210	300	3
<b>GRANDTOTAL</b>	14	5	6	240	560	800	21

**TotalCredits:19**

**TotalContactHours:22**

**TotalMarks:700**

**L:LECTURE,T:TUTORIAL,P:PRACTICAL,IA:INTERNAL  
ASSESSMENT,ESE:END SEMESTER EXAMINATION\*INTERNALASSESSMENT-  
TwoClass**

**Test of15 Marks Each will be conducted.**

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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-**  
**23) B.A./BSc. THREE YEAR (SEMESTER-II)**  
**Anthropology and Tribal Development**

S.N O.	COURSE NO.	SUBJECT	PERIOD			EVALUATION SCHEME			CREDIT S
			L	T	P	I A	ES E	SUB- TOT AL	
1	AAUBT T3/ASU BTT3	Introduction to Archaeolo gical Anthro pology	3	1	-	30	70	100	4
2	AAUBT T4/ASU BTT4	Fundamentals of Human Ori gin & Evolution	3	1	-	30	70	100	4
3	AAUBTG 2/ASUB TG2	Social Cultural Ant hropology: T heoretical Perspective	3	1	-	30	70	100	4
4	AAUBTA 2/ ASUBTA 2	Environmen tal Anthropolog y	3	-	-	30	70	100	2
5	AAUBTS 2/ ASUBTS 2	Disaster Manageme nt							2
<b>TOT AL</b>			1 2	3	-	12 0	28 0	400	16
<b>Practical</b>									
1	AAUBL T3/ASU BLT3	Practical on Archaeolo gical Anthro pology	-	-	2	30	70	100	1
2	AAUBL T4/ASU BLT4	Practical on Human Origin & Evolution	-	-	2	30	70	100	1

<b>3</b>	<b>AAUBLG 2/ASUB LG2</b>	<b>Practical based onGE-2</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>TOTAL</b>			<b>-</b>	<b>-</b>	<b>6</b>	<b>90</b>	<b>210</b>	<b>300</b>	<b>3</b>
<b>GRANDTOTAL</b>			<b>12</b>	<b>3</b>	<b>6</b>	<b>240</b>	<b>490</b>	<b>700</b>	<b>19</b>

**TotalCredits:19**

**TotalContactHours:22**

**TotalMarks:700L:LECTURE,T:TUTORIAL,P:PRACTICAL,IA:INTERNALASSESSMENT,ESE:ENDSEMESTEREXAMINATION\*INTERNALASSESSMENT-TwoClass**

**Test of15 Marks Each will be conducted.**

**SCHOOL OF STUDIES OF LIFESCIENCES**  
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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-**  
**23)B.A./BSc.THREEYEAR(SEMESTER-III)**  
**AnthropologyandTribalDevelopment**

S.N O.	COUR SE NO.	SUBJECT	PERIO D			EVALUATI ONSCHE ME			CREDIT S
			L	T	P	I A	ES E	SUB - TOT AL	
1	AAUCT T5/ASU CTT5	Tribes, Caste andPeasants: IndianContext	3	1	-	30	70	100	4
2	AAUCTT 6/ ASUCTT 6	HumanEcology	3	1	-	30	70	100	4
3	AAUCT T7/ASU CTT7	Biologica IDiversity inHuman Populatio ns	3	1	-	30	70	100	4
4	AAUCT G3/ASU CTG3	Human Biological& Culturaldim ensions	3	1	-	30	70	100	4
5	AAUCT A3/ASU CTA3	Museum Anthropolo gy	2	-	-	30	70	100	2
<b>TOT AL</b>			<b>1 4</b>	<b>4</b>	<b>-</b>	<b>15 0</b>	<b>35 0</b>	<b>500</b>	<b>18</b>
<b>Practic als</b>									

<b>1</b>	<b>AAUCL T5/ASU CLT5</b>	<b>Practical in Tribes, Caste and Peasants: Indian Context</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>2</b>	<b>AAUCL T6/ASU CLT6</b>	<b>Practical in Human Ecology</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>3</b>	<b>AAUCL T7/ASU CLT7</b>	<b>Practical in Biological Diversity in Human Populations</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>4</b>	<b>AAUCL G3/ASU CLG3</b>	<b>Practical based on GE-3</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>TOTAL</b>			<b>-</b>	<b>-</b>	<b>8</b>	<b>120</b>	<b>280</b>	<b>400</b>	<b>4</b>
<b>GRAND TOTAL</b>			<b>14</b>	<b>4</b>	<b>8</b>	<b>270</b>	<b>630</b>	<b>900</b>	<b>22</b>

**Total Credits: 22**

**Total Contact Hours: 26**

**Total Marks: 900**

**L: LECTURE, T: TUTORIAL, P: PRACTICAL, IA: INTERNAL ASSESSMENT, ESE: END SEMESTER EXAMINATION \*INTERNAL ASSESSMENT - Two Class**

**Test of 15 Marks each will be conducted.**

**SCHOOL OF STUDIES OF LIFE SCIENCES**

**GURU GHASIDAS VISHWA VIDYALAYA, BILASPUR  
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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-  
23) B.A./BSc. THREE YEAR (SEMESTER-IV)**

**Anthropology and Tribal Development**

S.N O.	COURSE NO.	SUBJECT	PERIOD			EVALUATION SCHEME			CREDITS
			L	T	P	INTERNAL	EXTERNAL	SUB-TOTAL	
1	AAUDT T8/ASU DTT8	Theories of Culture and Society	3	1	-	30	70	100	4
2	AAUDT T9/ASU DTT9	Human Growth and Development	3	1	-	30	70	100	4
3	AAUDTT 10/ASU TT10	Research Methods	3	1	-	30	70	100	4
4	AAUDT G4/ASU DTG4	Research Methodology	3	1	-	30	70	100	4
5	AAUDT A4/ASU DTA4	Tourism Anthropology	2	-	-	30	70	100	2
<b>TOTAL</b>			14	4	-	150	350	500	18
<b>Practicals</b>									
1	AAUDL T8/ASU DLT8	Practical on Culture and Society	-	-	2	30	70	100	1
2	AAUDL T9/ASU DLT9	Practical on Human Growth and Development	-	-	2	30	70	100	1
3	AAUDLT 10/ASU LT10	Practical in Research Methods	-	-	2	30	70	100	1

<b>4</b>	<b>AAUDL G4/ASU DLG4</b>	<b>Practical Basedon GE-4</b>			<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>TOTAL</b>			<b>-</b>	<b>-</b>	<b>8</b>	<b>120</b>	<b>280</b>	<b>400</b>	<b>4</b>
<b>GRANDTOTAL</b>			<b>14</b>	<b>4</b>	<b>8</b>	<b>270</b>	<b>630</b>	<b>900</b>	<b>22</b>

**TotalCredits:22**

**TotalContactHours:26**

**TotalMarks: 900**

**L:LECTURE,T:TUTORIAL,P:PRACTICAL,IA:INTERNALASSESSMENT,ESE:EN  
DSEMESTEREXAMINATION\*INTERNALASSESSMENT-TwoClass**

**Test of15 Markseach willbeconducted.**



**SCHOOL OF STUDIES OF LIFE SCIENCES**  
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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-**  
**23) B.A./B.Sc. THREE YEAR (SEMESTER-V)**  
**Anthropology and Tribal Development**

S.N O.	COUR SEN O.	SUBJECT	PERIO D			EVALUATIO N SCHEME			CRED IT S
			L	T	P	I A	ES E	SUB - T O T A L	
1	AAUETT 11/ASUE TT11	Humana Genetics	3	1	-	30	70	100	4
2	AAUETT 12/ASUE TT12	Anthropology In Practice	3	1	-	30	70	100	4
3	AAUET D1/ASU ETD1	To be chosen from available DSE papers* ( Anthropology of Religion, Politics and Economy)	3	1	-	30	70	100	4
4	AAUET D2/ASU ETD2	To Be Chosen from available DSE papers* (Sports Anthropology)	3	-	-	30	70	100	4
<b>TOTAL</b>			<b>12</b>	<b>3</b>	<b>-</b>	<b>120</b>	<b>280</b>	<b>400</b>	<b>16</b>

<b>Parcticals</b>									
<b>1</b>	<b>AAUELT 11/ASUE LT11</b>	<b>Practical onHuman Genetics</b>	-	-	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>2</b>	<b>AAUELT 12/ASUE LT12</b>	<b>Practical onAnthro pologyin Practice</b>	-	-	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>3</b>	<b>AAUELD1/ ASUELD1</b>	<b>Practicalbase d onDSE-1</b>	-	-	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>4</b>	<b>AAUDL D2/ASU DLD2</b>	<b>Practical basedonD SE-2</b>	-	-	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>

<b>TOTAL</b>	-	-	<b>8</b>	<b>12</b>	<b>280</b>	<b>400</b>	<b>4</b>
<b>GRANDTOTAL</b>	<b>12</b>	<b>3</b>	<b>8</b>	<b>24</b>	<b>560</b>	<b>800</b>	<b>20</b>

**TotalCredits:20**

**TotalContactHours:23**

**TotalMarks:800**

**L:LECTURE,T:TUTORIAL,P:PRACTICAL,IA:INTERNALASSESSMENT,ESE:EN  
DSEMESTEREXAMINATION\*INTERNALASSESSMENT-TwoClass  
Test of15 Markseach willbeconducted.**

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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-**  
**23) B.A./BSc. THREE YEAR (SEMESTER-VI)**  
**Anthropology and Tribal Development**

S.N O .	COUR SEN O.	SUBJECT	PERIO D			EVALUATI ONSCH EME			CRED IT S
			L	T	P	I A	E S E	SUB - TO TA L	
1	AAUFTT 13 /ASUFT T13	Applied Bi ological An thropolog y	3	1	-	3 0	70	100	4
2	AAUFTT 14 /ASUFT T14	Indian An thropolog y	3	1	-	30	70	100	4
3	AAUFT D3/ASU FTD3	To be chosen from available DS Epapers* (T ribal Culture of India)	3	1	-	30	70	100	4
4	AAUFL F1/ASU FLF1	Will be decided by HO D in consultatio n with other faculties	3	-	-	30	70	100	6
		<b>TOTAL</b>	1 2	3	-	12 0	2 8 0	400	18
<b>Practicals</b>									

<b>1</b>	<b>AAUFLT 13 /ASUFLT T13</b>	<b>Practical onApplied Biological Anthropol og</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>7 0</b>	<b>100</b>	<b>1</b>
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<b>2</b>	<b>AAUFLT 14 / ASUFLT1 4</b>	<b>Practical onIndi an Anthropology</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>3</b>	<b>AAUFL D3/ASU FLD3</b>	<b>Practical basedonD SE-3</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
		<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>12 0</b>	<b>28 0</b>	<b>400</b>	<b>3</b>
		<b>GRA NDT OTA L</b>	<b>1 2</b>	<b>3</b>	<b>8</b>	<b>24 0</b>	<b>56 0</b>	<b>800</b>	<b>18+3(SI* )</b>

**Where;SI\*=SummerInternship**

**L: LECTURE, T: TUTORIAL, P: PRACTICAL, IA: INTERNAL  
ASSESSMENT, ESE: END SEMESTER EXAMINATION\*INTERNAL ASSESSMEN  
T- TwoClass**

Test of 15 Marks each will be conducted.

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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-23)**  
**B.A./B.Sc THREE YEAR**  
**Anthropology and Tribal Development**

**Programme Outcomes: Graduates will be able to:**

PO1: 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;

PO2: 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;

PO3: A skilful group of students with different specialisations of Anthropology and emerging developments in the field of Anthropology will be available in the market.

PO4: 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.

PO5: All the stakeholders including the students will recognise the importance of qualitative as well as quantitative data and approaches/methods in comprehending the human society.

PO6: Students will plan and execute Anthropology-related experiments or field investigations, analyse 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.

PO7: The students will demonstrate relevant generic skills and global competencies such as:

PO8: Students will possess problem-solving skills that are required to solve different types of Anthropology-related problems with well-defined solutions, and tackle open-ended problems that may cross disciplinary-area boundaries;

PO9: Students will be competent enough in investigating skills, related to Anthropology-related issues and problems;

PO10: 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;

PO11: Analytical skills of the students will be increased and ability to construct logical arguments using correct technical language related to Anthropology;

PO12: Personal skills ability of the students will be increased to work both independently and in a group.

**Programme Specific Outcomes:**

- The students will demonstrate professional behaviors 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) Demonstrate varying types of ethnographic data are collected, analyzed, synthesized and interpreted to achieve the goals.
  - (iii) Communicate anthropological knowledge effectively through written, oral and data collection and presentation, varying formats for diverse audiences.
  - (iv) And will appreciate the intellectual, environmental and sustainability issues; and
  - (v) Students will apply research skills- Field-work, Ethnography, comparative methods of Data collection, data analysis and interpretation.

**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUATT1/ASUATT1: Introduction to Social-Cultural Anthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUATT1/ ASUATT1	3	1	-	4hours	30	70	100	4

**Course Objectives:**

1. To provide brief concept, meaning and definitions of Social anthropology
2. To provide brief concept, meaning and definitions of Social anthropology
3. To briefly introduce the concept of social institution and render basic knowledge about various social institutions like of family, kinship and marriage etc.
4. To enhance the basic knowledge of the students on the functioning of various social institutions
5. To appraise students on the functioning of various social and economic organizations in the society.

**Syllabus Contents**

- 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, Manism, 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.
8. Trautmann, Thomas R. 1981. Dravidian Kinship. Cambridge studies in social anthropology. Cambridge: Cambridge University Press.
9. Radcliffe-Brown, A. R., and Cyril Daryll Forde. 1950. African systems of kinship and marriage. London: Published for the International African Institute by the Oxford University Press.
10. Farber, Bernard. 1966. Kinship and family organization. New York: Wiley.
11. Barnes, J.A. 1971. Three styles in the study of kinship. Berkeley: University of California Press.
12. Karve, Irawati. 1968. Kinship organization in India. London: Asia Publication House.

### Course outcome

1. Students have the knowledge on the basics of social anthropology.
2. Students have the knowledge on the basics of Cultural anthropology.
3. Students understood the basics of Indian social institutions and their functioning.
4. They have the understanding of the functioning of various social institutions in the society.
5. They have a clear understanding of the tribal religion and their various facets.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly



**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUATT2/ASUATT2: Introduction to Biological Anthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUATT2/ ASUATT2	3	1	-	4hours	30	70	100	4

**Course Objectives**

- CO-1. To introduce the students to the basic concept, meaning, scope and major divisions of Biological Anthropology.
- CO-2. To explain how human being acts as the central figure of Anthropology .
- CO-3. This paper is also intended to acquaint the students with some of the significant issues like evolution of man and evidences of evolution.
- CO-4. To provide the basic concept of human genetics, human growth and human variation.
- CO-5. To represent the differences between man and other animals and to justify the systematic position of man in animal kingdom. Concept of race, basis of classifying world population.

**SyllabusContents**

**UnitI:**

Meaningandscopeofanthropology,branchesofanthropology;Historyandsubjectmatterofphysical/biologicalAnthropology;Relationshipofphysical/biological anthropology with other disciplines:medical and healthsciences,lifesciences,earthsciences,and environmentalsciences.

**UnitII:**

Fundamentals of physical/biological anthropology:a.HumanEvolution;b. HumanVariation;c.HumanGenetics;d. HumanGrowthandDevelopment

**Unit III:**

Theories of organic evolution(Lamarckian, Darwinian, andSynthetic).

**Unit**

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

**UnitV:**

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, Mac Millan.
4. Craig Stanford, John S. Allen and Susan C. Anton (2009) *Exploring Biological Anthropology: The Essentials*, Prentice Hall.
5. Michael Park (2007) *Biological Anthropology: An Introductory Reader*, McGraw Hill.
7. P.K. Seth & S. Seth (1986) *Perspectives in Primate Biology*. New Delhi, Today & Tomorrow Printers.
8. John G. Fleagle (1999) *Primate Adaptation and Evolution*. Elsevier.
9. E.A. Hooton (1947) *Up from the Ape*. New York, MacMillan.
10. M. F. Ashley Montague (1977) *UNESCO Statement on Race*. New York, Academic Press.
11. G.A. Harrison et al. (1988) *Human Biology*. Oxford, Oxford University Press.

### Course Outcomes

#### The students will be able to

- P.O-1. Understand about the subject matter of Biological Anthropology
- P.O-2. Find out the relationship of biological anthropology with other disciplines.
- P.O-3. Use an understanding of biology, genetics, and fossil evidence to examine the process of human biological and cultural evolution over time.
- P.O-4. Describe the basic differences between human and other primates and also to justify the position of man in animal kingdom.
- P.O-5. Understand about the historical and contemporary issues such as race.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUATG1/ASUATG1:BasicsofBiologicalAnthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUATG1/ ASUATG1</b>	3	1	-	4hours	30	70	100	4

**Course Objectives**

This paper is designed for the students of other departments to provide them basic and key understandings of biological anthropology.

**Course Objectives**

C.O: 1. To introduce the students to the basic concept, meaning, scope and major divisions of Biological Anthropology.

C.O: 2. To explain how human being acts as the central figure of Anthropology .

C.O: 3. This paper is also intended to acquaint the students with some of the significant issues like evolution of man and evidences of evolution.

C.O: 4. To provide the basic concept of human genetics, human growth and human variation.

C.O: 5. To represent the differences between man and other animals and to justify the systematic position of man in animal kingdom. Concept of race.

**Syllabus Contents**

**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 & narrative method & techniques to study growth & significance

**UNIT-IV:** Bio-cultural factors (Genetic, social and ecological) influencing patterns of growth and variations method 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, Mac Millan.
4. Craig Stanford, John S. Allen and Susan C. Anton (2009) *Exploring Biological Anthropology: The Essentials*, Prentice Hall.
5. Michael Park (2007) *Biological Anthropology: An Introductory Reader*, McGraw Hill.
7. P.K. Seth & S. Seth (1986) *Perspectives in Primate Biology*. New Delhi, Today & Tomorrow Printers.
8. John G. Fleagle (1999) *Primate Adaptation and Evolution*. Elsevier. 9
- E.A. Hooton (1947) *Up from the Ape*. New York, MacMillan.
10. M. F. Ashley Montague (1977) *UNESCO Statement on Race*. New York, Academic Press.
11. G.A. Harrison et al. (1988) *Human Biology*. Oxford, Oxford University Press.

## Course Outcomes

1. Understand about the subject matter of Biological Anthropology
2. Find out the relationship of biological anthropology with other disciplines.
3. Use an understanding of biology, genetics, and fossil evidence to examine the process of human biological and cultural evolution over time.
4. Describe the basic differences between human and other primates and also to justify the position of man in animal kingdom.
5. Understand about the historical and contemporary issues such as race.

## Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUATA1/ASUATA1:DemographicAnthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUATA1/ ASUATA1</b>	3	1	-	4hours	30	70	100	4

**Course Objectives**

- C.O.1. The students will acquire knowledge about demographic anthropology  
C.O. 2. Importance of demography in anthropology.  
C.O.3. To understand the tools of demographic study  
C.O.4. Sources of demographic data and to understand the factors affecting that.  
C.O.5. They will learn about major theories of population.

**SyllabusContents**

**UnitI:DemographicAnthropology**

1. Introduction,definitionand basicconcepts
2. Relationshipbetweendemography, populationstudiesandanthropology

**UnitII: PopulationTheories**

- 1.JohnGraunt;2.ThomasR.Malthus;3.Biologicaltheoryofpopulation

**Unit III:ToolsofDemographicData:**

Measuresofpopulationcomposition,distributionandgrowth

**IV: Population of India: Sources of demographic data in India**

**UnitV:**  
Nationalpolicies

**SuggestedReadings**

1. BhendeA.andKaniikar,T.(2006)*PrinciplesofPopulationStudies.HimalayaPublishingHouse. Mumbai(AllUnits,Itcoversmosttopics)*
2. CaldwellJ.C.(2006).*DemographicTransitionTheory*.Springer.
3. CensusofIndia(2001,2011),SRSbulletin(2013),NFHS(2006),CRS,NSSO(Canbeseenfrombr owsingnet)
4. Gautam R.K.,Kshatriya,G.K.and KapoorA.K.(2010) *Population Ecology and FamilyPlanning*.Serials publications.NewDelhi.
5. HowellN.(1986)DemographicAnthropology. Ann. Rev. Anthropol. 15:219-246
6. KshatriyaG.K.(2000).EcologyandhealthwithspecialreferencetoIndiantribes.*HumanEcology specialvolume9:229-245.*
7. KshatriyaG.K.,Rajesh,G.andKapoor,A.K.(2010)PopulationCharacteristicsofDesertEcology .VDMVerlagDr.MullerGmbhandCo.,Germany.
8. MisraBD(1982).Anintroductiontothestudyofpopulation.*SouthAsiapubl.ltd.NewDelhi.*
9. NationalPopulationPolicyhttp://populationcommission.nic.in/npp.htm
10. ParkK.(2000)*TextbookofPreventiveandSocialMedicine*.BanarsidasBhanot,Jabalpur.
11. PatraP.K.andKapoor,A.K.(2009)*DemographyAndDevelopmentDynamicssinaPrimitiveTri be ofHimalayas*.InternationalBookDistributors,Dehradun
12. RileyN.E.andMcCarthy,J.(2003)*DemographyintheAgeofthePostmodern*.Cambridge Universitypress.UK.Pages1-13and32-98

## Course Outcomes

C.O.1. They will also learn about the measurement of health index

C.O.2. They will also analyze various sources of data in population studies

C.O.3. Students will know the Sources of demographic data and will understand the factors affecting that.

C.O.4. They will learn about major theories of population.

C.O.5. They will understand the tools of demographic study

## Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUATS1/ ASUATS1:StatisticalpackageforsocialscienceinBio-socialsciences**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUATS1/ ASUATS1</b>	2	-	-	2hours	30	70	100	2

**Course Objectives**

- C.O.1. The course is designed to provide the basic concept of SPSS software.
- C.O.2. To study the types of variables, data presentation & summarization.
- C.O.3. To understand descriptive statistics & solving statistical problems.
- C.O.4. The students will learn about major theories of population.
- C.O.5. The students will understand the tools of demographic study.

**Syllabus Contents**

- Unit I: Descriptive statistics: Types of variables
- Unit II: Measures of Central Tendency,
- Unit III: Measures of dispersion
- Unit IV: Frequency Distribution: Histogram, Bar graph, Pie Chart,
- Polygraph
- Unit V: Test of Inference

**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
4. Wackerly Dennis D, Mendelhall III, Wiliam et al. Mathematical Statistics with application Duxbury Press, Pacific Grove.
5. Gaur AS, Gaur SS. Statistical Methods for Practice and Research. A guide to data analysing using SPSS. SAGE Response, New Delhi, India, 2009.
6. Sunder Rao, P.S.S. et al. An introduction to Bio-statistics & Research Method. New Arrivals-PHI.
7. Conover W.J. Practical Nonparametric Statistics. Third Edition. Wiley India (P) Ltd. Ansari Road, Daryaganj, New Delhi. 1999.

**Course Outcomes**

- Understand different variables, summarization & presentation of data.
- Understand textual, tabular & graphical illustration of data.
- Students will be able to use the knowledge in solving statistical problems
- Meaningful research inferences and conclusion can be drawn by students.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly



**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUALT1/ASUALT1:PracticalinSocialAnthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUALT1/ ASUALT1</b>	-	-	2	4hours	30	70	100	4

**Course Objectives:**

- C.O.1. To provide conceptual understanding of methods and techniques of socio-cultural anthropology to the under graduate students.
- C.O.2. To enhance the practical knowledge of anthropology and boost methods and technique used in anthropology.
- C.O.3. To clarify students on various tools and techniques of field work methods in anthropology.
- C.O.4. Students are appraised on various qualitative methods, tools and techniques used in social anthropology.
- C.O.5. The students will be taught the preparation of study tools.

**SyllabusContents**

Techniquesandmethodsincollection ofdatainSocialAnthropology

1. IntroductiontotheAnthropology Methods:Why anthropologyisimportantforsocialresearch
2. Observation
3. Interview
4. QuestionnaireandSchedule
5. Casestudy&Lifehistory

**SuggestedReadings:**

1. BernardH.R.(1940).ResearchMethodsinculturalAnthropology.NewburyPark:SagePublications.
2. KarenO'Reilly.(2012).‘PracticalIssuesinInterviewing’,EthnographicMethods.Abingdon:Routledge.
3. GoodeandHatt(1952).MethodsinsocialResearch,Mac-GrawHill
3. O'reillyK.(2012).EthnographicMethods.Abingdon:Routledge.
4. RoyalAnthropologicalInstituteofGreatBritainandIreland(1971).Methods“,InNotesandQueries onAnthropology.London:Routledge&KeganPaulLtd.

## Course outcome

C.O.1. Students will be comfortable to use their knowledge of various tools and techniques of field work method.

C.O.2 . Students will know the importance of anthropological methods in research

C.O.3. Students will be gained the basics of the practical knowledge to formulate the qualitative study tools.

C.O.4. The students will have the knowledge of applying the observation and interview techniques.

C.O.5. The under graduate students will be gained the basics of the practical knowledge to formulate the quantitative study tools.

### CourseOutcomesand theirmapping withProgrammeOutcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly;2-Moderately;3-Strongly

**B.A./B.Sc.I<sup>st</sup>Semester**  
**AAUALT2/ASUALT2:PracticalinBiologicalAnthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUALT2/ ASUALT2</b>	-	-	2	4hours	30	70	100	4

**Course Objectives:**

- C.O.1. To provide the knowledge on head measurements such as Maximum head length , Maximum head breadth , Head circumference ,Minimum frontal breadth, Maximum bizygomatic breadth
- C.O.2. To study about the measurements related to face.
- C.O.3. To provide knowledge on some nasal as well as linear measurements.
- C.O.4. This paper is also intended to acquaint the students with some of the somatoscopic variations observed in head,hair and face.
- C.O.5. To make the students familiar with the variations in terms of nose,eye and skin and understand its importance in the course of evolution.

**Syllabus Contents**

**Somatometry**

1. Maximumheadlength
2. Physiognomicfacialheight
3. Maximumheadbreadth
4. Morphologicalfacialheight
5. Minimumfrontalbreadth
6. Physiognomicupperfacialheight
7. Maximumbizygomaticbreadth
8. Morphologicalupperfacialheight
9. Bigonialbreadth
10. Headcircumference
11. Nasalheight
12. Stature
13. Nasallength
14. Sittingheight
15. Nasalbreadth
16. Bodyweight

**Somatосcopy**

- 1.Head form2.Hairform3.Facialform4.Eyeform
- 5.Noseform6.Hair colour 7.Eyecolour8.Skin colour

**SuggestedReadings**

1. I.P.Singh&M.K.Bhasin.(1989)ALaboratoryManualonBiologicalAnthropology.Kamla-RajEnterprises,Delhi.

2. D.Mukherjee,D.Mukherjee&P.Bharati.(2009)LaboratoryManual  
forBiologicalAnthropology.AsianBookPrivate Limited,New Delhi.
3. B.M.Das&R.Deka.PhysicalAnthropologyPractical.KitabMahal,Allahabad,U.P.
4. S.J.UlijaszekandC.G.N.Mascie-Taylor.Anthropometry:theindividualandthepopulation.
5. B.M.Das.OutlinesofPhysicalAnthropology.NewDelhi.

6. Galton F. (1884) Anthropometric Laboratory.  
 London (Also in J. Anthropol. Inst., (Lond.) 1884, 14, 205).

**Course Outcomes:**

- C.O.1. The components of the Practical paper will help students to understand how somatometric measurements related to head in studying evolutionary changes in modern humans.
- C.O.2. This paper attempts to provide knowledge about the importance of facial measurements in the course of evolution & human variation.
- C.O.3. This paper will provide knowledge on various nasal as well as linear measurements.
- C.O.4. Through this paper, the students will be able to identify the variations observed in terms of head, hair and face in human beings.
- C.O.5. The students will be able to differentiate the human populations in respect of nose, eye and skin colour.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUALG1/ASUALG1:PracticalinBiological BasicsofBiological Anthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUALG1/ ASUALG1	-	-	2	4hours	30	70	100	4

#### Course Objectives:

- C.O.1. To provide the knowledge on head measurements such as Maximum head length , Maximum head breadth , Head circumference ,Minimum frontal breadth, Maximum bizygomatic breadth
- C.O.2. To study about the measurements related to face.
- C.O.3. To provide knowledge on some nasal as well as linear measurements.
- C.O.4. This paper is also intended to acquaint the students with some of the somatoscopic variations observed in head, hair and face.
- C.O.5. To make the students familiar with the variations in terms of nose,eye and skin and understand its importance in the course of evolution.

#### Syllabus

#### ContentsSomato

#### metry

1. Maximumheadlength
2. Physiognomicfacialheight
3. Maximumheadbreadth
4. Morphologicalfacialheight
5. Minimumfrontalbreadth
6. Physiognomicupperfacialheight
7. Maximumbizygomaticbreadth
8. Morphologicalupperfacialheight
9. Bigonialbreadth
10. Headcircumference
11. Nasalheight
12. Stature
13. Nasallength
14. Sittingheight
15. Nasalbreadth
16. Bodyweight

#### SuggestedReadings

1. I.P.Singh&M.K.Bhasin.(1989)ALaboratoryManualonBiologicalAnthropology.Kamla-RajEnterprises,Delhi.
2. D.Mukherjee,D.Mukherjee&P.Bharati.(2009)LaboratoryManual forBiologicalAnthropology.AsianBookPrivate Limited,New Delhi.
3. B.M.Das&R.Deka.PhysicalAnthropologyPractical.KitabMahal,Allahabad,U.P.
4. S.J.UlijaszekandC.G.N.Mascie-Taylor.Anthropometry:theindividualandthepopulation.

5. B.M.Das.OutlinesofPhysicalAnthropology.NewDelhi.

6.GaltonF.(1884)AnthropometricLaboratory.

London(AlsoinJ.Anthrop.Inst.,(Lond.)1884,14,205).

### CourseOutcomes

C.O.1. The components of the Practical paper will help students to understand how somatometric measurements related to head in studying evolutionary changes in modern humans.

C.O.2. This paper attempts to provide knowledge about the importance of facial measurements in the course of evolution & human variation.

C.O.3. This paper will provide knowledge on various nasal as well as linear measurements.

C.O.4. Through this paper, the students will be able to identify the variations observed in terms of head, hair and face in human beings.

C.O.5. The students will be able to differentiate the human populations in respect of nose, eye and skin colour.

### CourseOutcomesandtheirmappingwithProgrammeOutcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly;2-Moderately;3-Strongly

**B.A./B.Sc. II<sup>nd</sup> Semester**  
**AAUBTT3/ASUBTT3: Introduction to Archaeological Anthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTT3/ ASUBTT3</b>	3	1	-	4hours	30	70	100	4

**Objectives of the Course**

C.O. 1. To provide the basic conceptual understanding, meaning and definition of the archaeological anthropology.

C.O.2. To provide a basic knowledge about dating method, particularly emphasized to the relative dating methods in archaeology.

C.O.3. To provide basic knowledge about the Geological Time Scale,

C.O.4. Technique of tool manufacturing methods and

C.O.5. It will enhance the knowledge of tool typology.

**Syllabus Contents**

**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<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 Interpluviation periods

**Unit IV: Understanding Culture**

- Technique of tool manufacture
- Classification of lithic tools and typology
- Cultural periods of tool typology

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

Character, distribution and interpretation of habitat and economy of: i) Lower palaeolithic;  
 ii) Middle palaeolithic; i  
 ii) Upper palaeolithic;



iv.Mesolithicculture;

v.Neolithicculture

### Suggested Readings

1. AllchinandAllchin(1993).*TheRiseofCivilizationofIndiaandPakistan*. CambridgeUniversityPress
2. BhattacharyaD.K.(1978).*EmergenceofCultureinEurope*,Delhi,B.R.Publication.
3. BhattacharyaD.K.(1979).*OldStoneAgeToolsand Techniques*.Calcutta,K.P.BagchiCompany
4. BhattacharyaD.K.(1996).*PalaeolithicEurope*.Netherlands,HumanitiesPress.
5. Championetal.(1984).*PrehistoricEurope*.NewYork,AcademicPress.
6. FaganB.M. (1983).*PeopleofEarth:AnIntroduction*. Boston,Little, Brown&Company.
7. PhillipsonD.W. (2005).*AfricanArchaeology*.Cambridge, CambridgeUniversityPress.
8. SankaliaH.D. (1964).*StoneAgeTools*.PoonaDeccanCollege
9. K.P. Oakley; 1965: Man the tool-maker, Trustees of the British Museum (Natural History),London.

### Course outcome

C.O.1. This subject will be ensured and stimulated the basic understanding of archaeological anthropology

C.O. Will also make aware about the academic prospective of this subject.

C.O.3. The subject will boost the knowledge of the present and past culture

**C.O.4.** Help to understand human being and about the civilization.

C.O.5. Help to get insight of evolution of archaeological things word wide.

### CourseOutcomesand theirmapping withProgrammeOutcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly;2-Moderately;3-Strongly

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

### AAUBLT3/ASUBLT3:PracticalinArchaeologicalAnthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUBLT3/ ASUBLT3	-	-	2	4hours	30	70	100	4

#### Course Objectives:

- C.O.1. To provide the basic knowledge of practical in archaeology
- C.O.2. Enhance and spread the knowledge of various tools and typology.
- C.O.3. To strengthen the knowledge of various tool manufacturing methods
- C.O.4. To strengthen the knowledge of different techniques.
- C.O.5. To provide fundamental knowledge of various tool types such as core, flake and blade tools.

#### SyllabusContents

Typo-technologicalAnalysisofPrehistoricTools:Identification,InterpretationandDrawings ofthetoolTypes

1. Palaeolithictooltypes
  - a. CoreToolType
  - b. FlakeToolType
2. NeolithicToolType

#### SuggestedReadings

1. AllchinandAllchin(1993).*TheRiseofCivilizationofIndiaandPakistan*. CambridgeUniversityPress
2. BhattacharyaD.K.(1978).*EmergenceofCultureinEurope*,Delhi,B.R.Publication.
3. BhattacharyaD.K.(1979).*Old StoneAgeToolsandTechniques*.Calcutta,K.P.BagchiCompany
4. BhattacharyaD.K.(1996).*PalaeolithicEurope*.Netherlands,HumanitiesPress.
5. Championetal.(1984).*PrehistoricEurope*. NewYork,AcademicPress.
6. FaganB.M. (1983).*PeopleofEarth:AnIntroduction*. Boston, Little, Brown&Company.
7. PhillipsonD.W. (2005).*AfricanArchaeology*.Cambridge, CambridgeUniversityPress.
8. SankaliaH.D. (1964).*StoneAgeTools*.PoonaDeccanCollege

## Course outcome

- C.O.1. This paper will be provided a general conceptual understanding of archaeology
- C.O.2. It will be made understood of various tools and techniques of tool manufacturing
- C.O.3. It will be enabled to identify the different types of tools.
- C.O.4. This paper is basically designed for the under graduate students, they will be taught various techniques of tool manufacturing and
- C.O.5. It will also make practice for the students to draw different tools

## Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. II<sup>nd</sup> Semester**  
**AAUBTT4/ASUBTT4: Fundamentals of Human Origin & Evolution**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTT4/ ASUBTT4</b>	3	1	-	4hours	30	70	100	4

**Course Objectives:**

- C.O.1. This course is designed to make the students to understand primate evolution, distribution and phylogenetic relationships of Parapithecus, Ramapithecus, Dryopithecus, Sivapithecus, & Australopithecus.
- C.O.2. To study the appearance of genus Homo & related finds.
- C.O.3. To learn about the origin of Homo sapiens, fossil evidences of Neanderthals and Archaic Homo sapiens.
- C.O.4. To study the origin of anatomical modern humans, their distribution, characteristic features.
- C.O.5. To learn about the hominization process

**Syllabus Contents**

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: Hominization 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. Norton & Company, New York, London.
- Howell, F.C. (1977). *Horizons of Anthropology*. Eds. S. Tax and L.G. Freeman, Aldine Publishing House, Chicago.

- Nystrom P. and Ashmore P. (2011). The Life of Primates. PHI Learning Private Limited, New Delhi.
- Seth P. K. and Seth S. (1986). The Primates. Northern Book Centre, New Delhi, Allahabad.
- Singh I. P. and Bhasin M. K. (1989). Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Chawri Bazar, Delhi.
- Standford C.; Allen J. S. and Anton S. C. (2012). Biological Anthropology: The Natural History of Mankind. PHI Learning Private Limited, New Delhi.
- Swindler D. R. (2009). Introduction to the Primates. Overseas Press India Pvt. Ltd., New Delhi.
- Day, Michael (1986) Guide to Fossil Man. University of Chicago Press.

### Course Outcomes

- C.O.1. Comprehensive understanding of primate evolution, their distribution pattern, characteristic features and phylogenetic relationships.
- C.O.2. Basic understanding about the origin of Australopithecus, Homo habilis and Homo erectus.
- C.O.3. Understanding of origin of Homo sapiens, Neanderthals & Archaic Homo sapiens.
- C.O.4. Understanding on the origin of anatomically modern humans, distribution, their characteristic features
- C.O.5. Knowledge about hominization process.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUBLT4/ASUBLT4: Practical on Human Origin & Evolution

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUBLT4/ ASUBLT4	-	-	2	4hours	30	70	100	4

#### Course Objectives:

C.O.1. To deal with the various cranial measurements such as maximum cranial length, maximum cranial breadth, maximum frontal breadth, minimum frontal breadth, maximum bizygomatic breadth.

C.O.2. To study the orbit-related measurements needed for studying human variations.

C.O.3. To make the students acquainted with the various nasal measurements.

C.O.4. To learn about the measurements on mandible.

C.O.5. To study about the various craniometric indices which are helpful to study the variations in human populations.

#### Syllabus Contents

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

#### Suggested Readings

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

### Course Outcomes

1. This course will provide comprehensive understanding of various cranial measurements.
2. The students will be provided with the knowledge on orbital measurements required to study the human races.
3. The students will have basic understanding about the nasal measurements.
4. The students will be able to study the evolution in mandibles through various measurements.
5. The students will get knowledge about various craniometric indices used during the course of evolution.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUBTG2/ASUBTG2: Social Cultural Anthropology: Theoretical Perspective

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUBTG2/ ASUBTG2	3	1	-	4hours	30	70	100	4

#### Course Objectives:

C.O.1. To provide basic concepts of socio-

cultural anthropology and explain the scope and different branches of social anthropology.

C.O.2. To provide knowledge about the social institutions such as marriage, family, economic system, caste system and varna system in India.

C.O.3. To enhance the knowledge about theories of society and culture such as evolutionism, diffusionism, functionalism and structural-functionalism.

#### Syllabus Contents

**Unit-I:** Basic concepts: Scope, Development of Socio-Cultural Anthropology, Branches of Social Anthropology, Relationship with other Social Sciences.

**Unit-II:** Social Institutions-Family, Marriage, Economic system, caste system, Varna system

**Unit-III:** Theories of society and culture; Evolutionism and Diffusionism

**Unit-IV:** Functionalism,

**Unit-V:** Structural-Functionalism

#### 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.



8. Trautmann, Thomas R. 1981. *Dravidian Kinship*. Cambridge studies in social anthropology. Cambridge: Cambridge University Press.
9. Radcliffe-Brown, A. R., and Cyril Daryll Forde. 1950. *African systems of kinship and marriage*. London: Published for the International African Institute by the Oxford University Press.
10. Farber, Bernard. 1966. *Kinship and family organization*. New York: Wiley.
11. Barnes, J.A. 1971. *Three styles in the study of kinship*. Berkeley: University of California Press.
12. Karve, Irawati. 1968. *Kinship organization in India*. London: Asia Publication House

**Course Outcome:**

- C.O.1 Students will have a basic understanding of anthropological theories  
 C.O.2. The students will have clarity on the scope of anthropological theories and its use in development.  
 C.O.3. The students will have knowledge on basics of structure of social institutions in human societies.  
 C.O.4. The students will understand the concept of function of social institution

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUBLG2/ASUBLG2: Practical in Social Cultural Anthropology: Theoretical Perspective

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUBLT4/ ASUBLT4	-	-	2	4hours	30	70	100	2

#### Course Objective:

C.O.1. Identify and analyze sociocultural, discursive, and political-economic factors related to human/environment interactions

C.O.2. Identify, use, and evaluate major theoretical perspectives within environmental anthropology

C.O.3. Utilize these anthropological perspectives to analyze real-world environmental issues

C.O.4 Clarify the students about sustainable development with respect to environmental development.

C.O.5 Students will understand the issues related to environment.

#### Syllabus

- Methods and Techniques of Social Anthropology
- Observation
- Interview
- Questionnaire and schedule
- Hypothesis meaning, type and use
- Data collection and analysis

#### Suggested Readings

1. Davis, Kingsley. (1949). Human Society. New York: Macmillan Co.
2. Metcalf, Peter. (2005). Anthropology: the Basics. Abingdon [England]: Routledge.
3. Barnard, Alan. (2000). History and Theory in Anthropology. Cambridge, U.K.: Cambridge University Press.
4. Nadel, S.F. (1951). The Foundations of Social Anthropology. Glencoe, 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.

8. Trautmann, Thomas R. 1981. *Dravidian Kinship*. Cambridge studies in social anthropology. Cambridge: Cambridge University Press.
9. Radcliffe-Brown, A. R., and Cyril Daryll Forde. 1950. *African systems of kinship and marriage*. London: Published for the International African Institute by the Oxford University Press.
10. Farber, Bernard. 1966. *Kinship and family organization*. New York: Wiley.

11. Barnes, J.A. 1971. Three styles in the study of kinship. Berkeley: University of California Press.
12. Karve, Irawati. 1968. Kinship organization in India. London: Asia Publication House

**Course Outcome:**

- C.O.1. This subject will be ensured and stimulated the basic understanding of environment,  
 C.O.2. This subject will be ensured and stimulated the basic understanding of factors affecting ecology  
 C.O.3. Will also make aware about the academic prospective of this subject.  
 C.O.4. The subject will boost the knowledge of the present and past ecology of human being and  
 C.O.5. Helped to understand the adaptive features in different environment.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. II<sup>nd</sup> Semester**  
**AAUBTS2/ ASUBTS2: Anthropology of Disaster Management (SEC)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>LSAAUBTA02/ LSASUBTA02</b>	3	1	-	4 hours	30	70	100	2

**Course Objectives:**

- C.O.1. The students will be taught on the basics of the concept and meaning of Disaster Management.
- C.O.2. They will be appraised of various types of Natural disasters
- C.O.3. They will be appraised of various types of Man-made disasters
- C.O.4. The students will be taught on the essentials of Disaster preparedness.
- C.O.5. They will be informed on the Role of Government Agencies, Civil society, NGOs and INGOs and charitable organisations.

**Syllabus Contents**

**Unit. 1.** Basics of Disasters: Introduction to the Anthropology of Disasters Hazard, Risk, Vulnerability, Disaster Management, Meaning, Nature, Importance,

**Unit-2.** Types of Disasters: Natural

- Hydrological Disasters - Flood, Flash flood, Drought, cloud burst
- Geological Disasters - Earthquakes, Landslides, Avalanches, Volcanic eruptions, Mudflow
- Wind related - Cyclone, Storm, Storm surge
- Tidal waves, Heat and cold Waves, Climatic Change, Global warming, Sea Level rise, Ozone Depletion

**Unit-3.**Types of Disasters: Manmade. Displacement due to development Projects, Riots, Ethnic Conflicts, Consequences and Rehabilitations.

**Unit-4.** Essentials of Disaster preparedness: Planning, communication, Leadership and Coordination, Ware housing and stock Piling.

**Unit-5.** Role of Government Agencies, Civil society, NGOs and INGOs and charitable organisations in Evacuation, Relief, Rehabilitation and Resettlement and other. Mitigations. Case of NDRF, Red Cross, Disaster Mitigation Mission etc.

**Recommended Readings**

1. Asian Development Bank. 2004. *Disaster Mitigation in Asia and the Pacific*, Manila ADB,
2. Bose, B.P.C. 1994. *Disaster Policies and Administration: A Study of Three Andhra Disasters*.
3. Cheng, F.Y. and Wang, Y.Y. 1996. *Post-Earthquake Rehabilitation and Reconstruction*.
4. Oxford: Permagon Publications.
5. Chohen, Stephen P. and C.V. Raghavulu. 1979. *The Andhra Cyclone of 1977: Individual and Institutional Responses to Mass Death*. New Delhi: Vikas Publishing House.

6. Erikson, Kai. 1994. *A New Species of Trouble: The Human Experience of Modern Disaster*.
7. New York: W. W. Norton. Fernandes, Walter and Enakshi, Ganuli Thakrai. Eds. 1989. *Development, Displacement and Rehabilitation*. New Delhi: South Asia Books.
8. Gangopadhyay, T. and Mankodi, K. A. 1983. *Rehabilitation: The Ecological and Economics*
9. *Costs*. Surat: Centre for Social Studies.
10. Ghosh, G. K. 2011. *Disaster Management*. New Delhi: A.P.H. Publishing Corporation
11. Goel S.L., 2006. *Encyclopaedia of Disaster Management*. New Delhi: Deep and Deep
12. Publications.
13. Goel, S. L. 2007. *Disaster Administration and Management, Text & Case studies*. New Delhi: Deep and Deep Publications.
14. Goldsmith, E. and Hilyard, N. 1986. *The Social and Environmental Effects of Large Dams: Volume 2: Case Studies*. Wadebridge (England): Wadebridge Ecological Centre.
15. Keller, Stephen L. 1975. *Uprooting and Social Change*. New Delhi: Manohar Books.
16. Scudder, T. 1973. *The Human Ecology and Big Projects: River Basin Development and Resettlement*. In Annual Review of Anthropology.
17. Verma, Vinod K. 1995. *Disaster Management*. New Delhi: IIPA.

#### Course Outcome:

C.O.1. The students will have a clear understanding on the concept and meaning of Disaster Management.

C.O.2. They will have the idea on various types of Natural disaster

C.O.3. They will have the idea on various types of Man-made disaster

C.O.4. The students will have knowledge on the essentials of Disaster preparedness.

C.O.5. The students will know various roles of Government Agencies, Civil society, NGOs and INGOs and charitable organisations

#### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. II<sup>nd</sup> Semester**  
**AAUBTS2/ ASUBTS2: Environmental Anthropology**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>LSAAUBTA02/ LSASUBTA02</b>	3	1	-	4 hours	30	70	100	2

**Objectives of the Course ( Required 5COs)**

C.O.1. Identify and analyze sociocultural, discursive, and political-economic factors related to human/environment interactions

C.O.2. Identify, use, and evaluate major theoretical perspectives within environmental anthropology

C.O.3. Utilize these anthropological perspectives to analyze real-world environmental issues

C.O.4. Clarify the students about sustainable development with respect to environmental development.

C.O.5. Students will understand the issues related to environment

**Syllabus Contents**

**UNIT I:** Introduction to environmental Anthropology

**UNIT II:** Theoretical and methodological Issues of environmental anthropology

**UNIT III:** Ecology and Subsistence Patterns

**UNIT IV:** Natural resource management and Sustainable development

**UNIT V:** Contemporary issues and problems in Environmental anthropology

**Suggested Readings**

1. Townsend, Environmental Anthropology, 3rd ed. (Waveland Press, 2018) (T)
2. Haenn, Wilk, and Harnish (eds.), The Environment in Anthropology: A Reader in Ecology, Culture, and Sustainable Living, 2 nd ed. (New York University Press, 2016) (HWH).
3. Kottak, Conrad P. 1999.“The New Ecological Anthropology.”American Anthropologist, 101(1): 23-35.
4. Milton, K. 1996.Environmentalism and Cultural Theory: Exploring the Role of Anthropology in Environmental Discourse. Routledge, London/New York.
5. Rappaport, R.A. 1968.Pigs for the Ancestors: Ritual in the Ecology of a New Guinea

People. Yale University Press, New haven.

6. Rappaport, R.A. 1969. Some Suggestions Concerning Concept and Method in Ecological Anthropology. In: D. Damas, Ed. Contributions to Anthropology: Ecological Essays. National Museum of Canada, Bulletin 230. Queens Printers for Canada, Ottawa

**Course outcome**

C.O.1. This subject will be ensured and stimulated the basic understanding of environment,

C.O.2. This subject will be ensured and stimulated the basic understanding of factors affecting ecology

C.O. 3. Will also make aware about the academic prospective of this subject.

C.O.4. The subject will boost the knowledge of the present and past ecology of human being and

**C.O.5.** Helped to understand the adaptive features in different environment.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly



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

### AAUCTT5/ASUCTT5- Tribes, Caste and Peasants: Indian Context

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCTT5/ ASUCTT5	3	1	-	4hours	30	70	100	4

#### Course Objectives:

- C.O.1. To provide the basic knowledge about the anthropological concept of tribes, meaning of tribe, problems of nomenclature and classification of the tribes in India.
- C.O.2. To teach various constitutional safeguards of the tribes, which is mainly based on fifth and sixth scheduled and the development initiatives taken by the various stake holder and agencies such as PESA, FRA 2006 and Rehabilitation and Resettlement Act of 2013.
- C.O.3. To provide the knowledge of various features and characteristics of the tribes, the causes and factors of changing tribes and also explain the concept of caste system in India.
- C.O.4. To provide the basic knowledge of Indian village system and enhance the concept of peasant, peasant economy and their political organisation.

#### Syllabus

##### 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: 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.
8. Vidyarthi L.P. and Rai B.K. (1985)  
Tribal Culture in India, New Delhi, Concept Publishing Company.
9. Wolf E. (1966). Peasants. NJ, Prentice Hall.
10. Srinivas, M.N. (1963) India's Village. Asia Publishing House. Bombay
11. Dube, S.C. (1955) Indian Village. Routledge. London

### **Course Outcome:**

- C.O.1. This paper will enhance the knowledge about the concept of tribes and caste and peasant systems of India.
- C.O.2. This paper will best strengthen the knowledge of various features and characteristics of the tribe and caste in India.
- C.O.3. This paper will boost the ideas and knowledge about the current problems and factors of changing the Indian caste system.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUCLT5/ASUCLT5: Practical in Tribes, Caste and Peasants: Indian Context

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT5/ ASUCLT5	-	-	2	4hours	30	70	100	2

#### Course Objective

- C.O.1. To provide the basic knowledge of ethnography and the importance of ethnography in anthropology.
- C.O.2. To enhance the knowledge of ethnographic reading and writing and also to provide technique of data analysis of different facts.
- C.O.3. To provide the ideas and techniques of studying the books and make practicing for theoretical schema of fieldwork methods.

#### Syllabus

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 concepts 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 findings on the basis of contemporary available resources.

#### Suggested Reading

1. Walker A. (1986). *The Todas*. Delhi: Hindustan Publishing Corporation Varrier
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.
8. Berreman G.D. (1963). *Hindus of the Himalayas*. Berkeley: California University Press.

### Course outcome

C.O.1. This paper will be enhanced the knowledge of ethnography.

C.O.2. The students will also boost their capability to understanding the concept of tribe, caste and peasant.

C.O..3. The students will learn the existence of different social system in India.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. III Semester**  
**AAUCTT6/ASUCTT6: Human Ecology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUCTT6/ ASUCTT6</b>	3	1	-	4hours	30	70	100	4

**Course Objectives:**

C.O.1. To provide the fundamental knowledge about human ecology and it is mainly based on biological and cultural dimension to provides the basic concept and definition of ecology, eco-sensitive, adaptation, acclimation, biotic and abiotic components of the ecology.

C.O.2. To provide the basic background of methods of studying human ecology and explain how adaptation occur at various ecological stresses, ecological rules and their applicability to human population.

C.O.3. To provide the basic concept of culture and how culture as a tool adaptation process in various modes of human adaptation particularly in pre-state society such as hunting, gathering, pastoralism and shifting cultivation population.

C.O.4. To study about the impact of urbanization and industrialization on Man.

C.O.5. To know about the Ecological themes of the State formation.

**Syllabus**

**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 adaptationin human communities.(2006)Schutkowski,H.Berlin.SpringerVerlag.
2. Humanecologyandcognitivestyle:comparativestudiesinculturalandphysicaladaptation.(1976).Berry,J.B.NewYork:JohnWiley.
3. Humanecology. (1964)Stapledon. Faber&Faber.
4. StudiesinHumanEcology.(1961)Theodorson,G.A.Row,Peterson&CompanyElmsford,New York.
5. Humanecology:(1973)ProblemsandSolutions.PaulR.Ehrlich,AnneH.EhrlichandJohnP.Holdress.W.H.Freeman&Company,SanFrancisco.
6. Cohen, YehudiA.1968.Maninadaptation;theculturalpresent.Chicago:AldinePub. Co.
7. Symposium onMantheHunter,RichardB.Lee,andIrven DeVore.1969.Man thehunter.Chicago:Aldine Pub.Co.

### Course Outcome:

C.O.1. This paper will enhance the knowledge about the concept of ecology and about human ecology particularly based on biological and cultural dimensions.

C.O.2. This paper will be strengthening the knowledge of methods and provide the concept of human ecology, types of adaptation, various ecological stresses, ecological rules and their applicability to human populations.

C.O.3. This paper will also boost the knowledge of various modes of human adaptation process at pre-state society such as hunting and gathering, pastoralist and shifting cultivation communities.

C.O.4. This paper will highlight the ecological themes of state formation.

C.O.5. This paper will be providing information on the impact of urbanisation and industrialisation on Man.

### CourseOutcomesandtheirmappingwithProgrammeOutcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly;2-Moderately;3-Strongly

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

### AAUCLT6/ASUCLT6: Practical in Human Ecology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT6/ ASUCLT6	-	-	2	4hours	30	70	100	2

#### Course Objectives:

C.O.1. To provide the practical based knowledge of ecology, particularly based on biological and cultural dimensions to the under graduate students.

C.O.2. To provide the basic knowledge about the procedures of taking measurement of different body shapes of the human being such as measurement of stature, sitting height, nasal breadth, body weight, Total Lower Extremity Length & Total Upper Extremity Length

C.O.3. To understand about the indices such as body mass index, ponderal index and nasal index.

C.O.4. To provide the basic concept and knowledge of the cultural dimensions of Human ecology.

C.O.5. To provide guidelines to prepare report writing on contemporary issues of environment.

#### Syllabus

##### Biological Dimensions

###### *Size and Shape Measurements*

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

###### *Size and Shape Indices*

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

##### Cultural Dimensions

Make 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. Humanecology.(1964)Stapledon.Faber &Faber.
4. Studies inHumanEcology. (1961)Theodorson,G.A. Row,Peterson&CompanyElmsford,NewYork.
5. Humanecology:(1973)ProblemsandSolutions.PaulR.Ehrlich,AnneH.EhrlichandJohnP. Holdress.W.H.Freeman&Company,SanFrancisco.
6. Cohen, YehudiA. 1968. Maninadaptation;theculturalpresent. Chicago:AldinePub.Co.
7. Redfield,Robert.(1965).Peasentsocietyand cultureananthropologicalapproachtocivilization.Chicago[u.a.]:Univ.ofChicagoPress.
8. SymposiumonMantheHunter,RichardB.Lee,and IrvendeVore.1969.Manthehunter.Chicago:AldinePub.Co.

**Course Outcome:**

- C.O.1. This paper will enhance the practical based knowledge of ecology and human ecology  
 C.O.2. This paper will also provide the ideas of biological and cultural dimensions in environment.  
 C.O.3. This paper will provide information about the Size and Shape Measurements  
 C.O.4. The students will be given information about the various indices.  
 C.O.5. This paper will also boost the knowledge about report writing on problems of ecology and their significance

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

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

### AAUCTT7/ASUCTT7: Biological Diversity in Human Populations

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCTT7/ ASUCTT7	3	1	-	4hours	30	70	100	4

#### Course Objectives:

C.O.1. The course is intended to understand the fundamental concept of Biological variability, Race, Hardy-Weinberg Law; sources of genetic variation; structuring genetic variation; interpretation of human variation, genetic polymorphism & human adaptability in different geographical settings.

C.O.2. To understanding the ethnic elements in the Indian populations.

C.O.3. To study the role of Bio-cultural factors influencing the diseases and nutritional status.

C.O.4. To learn the sources of demographic data, demographic profile of Indian populations and its growth structure.

C.O.5. To study the biological consequences of inbreeding, frequency of inbreeding in world populations & methods of counselling.

#### Syllabus

**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.

**Unit V:** Perspective of 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*. McGraw-Hill Book Company, USA.
6. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan Press
7. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
8. Jurmain Robert Lynn Kilgore Wenda Trevathan and Ciochon (2010). *Introduction to Physical Anthropology*. Wadsworth Publishing, USA.
9. Kapoor A.K. and Satwanti Kapoor (ed) (1995). *Biology of Highlanders*. Jammu, Vinod Publisher & Distributor.
10. Kapoor A.K. and Satwanti Kapoor (eds) (2004) *India's Elderly - A Multidisciplinary Dimension*. Mittal Publication, New Delhi.
11. Malhotra K.C. and B. Balakrishnan (1996) *Human Population Genetics in India*
12. Malina Robert M., Claude Bouchard, Oded Bar-Or. (2004) *Growth, and Physical Activity*. *Human Kinetics*.
13. Stanford C., Allen, S.J. and Anton, C.S. (2013): *Biological Anthropology*. 3rd edition, Pearson, USA.

### **Course Outcomes:**

- C.O.1. The student will have the fundamental understanding of Biological variability, race & sources of genetic variability.
- C.O.2. Understand ethnic elements in India & genetic diversity among the Indian population.
- C.O.3. Understand the biological consequences of inbreeding & methods of counselling.
- C.O.4. The students will be able to understand the role of Bio-cultural factors influencing the diseases and nutritional status.
- C.O.5. This paper will provide knowledge about the genetic diversity among Indian Population.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. III Semester**  
**AAUCLT7/ASUCLT7: Practical in Biological Diversity in Human Populations**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT7/ ASUCLT7	-	-	2	4hours	30	70	100	2

**Course Objectives:**

- C.O.1. The main objective of this course is to study craniometric measurements on skull & mandible.  
 C.O.2. To study landmarks on the skull & mandible from which measurements can be taken.  
 C.O.3. To determine the ABO blood group system.  
 C.O.4. To analyse and interpretation of finger ball pattern types & finger print classification.  
 C.O.5. To understand the collection of demographic data from secondary sources.

**Syllabus**

1. Craniometric Measurements (Skull & Mandible)
2. Determination of A1, A2, B, O; MN; and
3. Rh (Test with five Anti-Rh sera) blood group softens subjects.
4. Analysis and interpretation of finger ball pattern types, Finger print classification and development of chance prints and statistical treatment of the data collected (Ten Subjects)
5. 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 Noeland Barry Bogin (2012) *Human Growth and development*. Second edition, Academic Press Elsevier.
5. Eckhardt R.B. (1979) *The Study of Human Evolution*. McGrand Hill Book Company, USA.
6. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan press
7. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
8. Jurmain Robert Lynn kilgore Wenda Trevathan and Ciochon (2010). *Introduction to Physical Anthropology*. Wadsworth Publishing, USA.
9. Kapoor A.K. and Satwanti Kapoor (ed) (1995). *Biology of Highlanders*. Jammu, Vinod Publisher & Distributor.
10. Kapoor A.K. and Satwanti Kapoor (eds) (2004) *India's Elderly - A Multidisciplinary Dimension*. Mittal Publication, New Delhi.

11. Klepinger L.L. (2006). *Fundamentals of Forensic Anthropology*. John Wiley & Sons., New Jersey.
12. Malhotra K.C. and B. Balakrishnan (1996) *Human Population Genetics in India*
13. Malina Robert M., Claude Bouchard, Oded Bar-Or. (2004) *Growth, and Physical Activity. Human Kinetics.*
14. Stanford C., Allen, S.J. and Anton, C.S. (2013): *Biological Anthropology*. 3rd edition, Pearson, USA.

**Course Outcomes:**

- C.O.1. This paper will provide information about the systematic measurements of human cranium & mandible.
- C.O.2. Analytical understanding of ABO blood group system,
- C.O.3. Understanding Rh blood group system.
- C.O.4. This paper will enhance the knowledge about finger print classification & interpretation of finger ball types.
- C.O.5. Understanding of the sources of secondary data.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. III Semester**  
**AAUCTG3/ASUCTG3: Human Biological & Cultural dimensions**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTG2/ ASUBTG2</b>	3	1	-	4hours	30	70	100	4

**Course Objectives:**

- C.O.1. To understanding the ethnic variation based on adaptive features of human populations.
- C.O.2. To study the role of Biocultural factors influencing the occupation of human from past to present.
- C.O.3. To understand the various Biological and cultural to ecological stresses.
- C.O.4. To understand the tools of adaptations in various economies.
- C.O.5. To learn various methods of studying human ecology.

**Syllabus**

**Unit-1:** Concept in Ecology, Adaptation, Biotic and Abiotic component

**Unit-2:** Methods of studying Human Ecology

**Unit-3:** Adaptation- Biological and cultural to ecological stresses

**Unit-4:** Culture as a tool of adaptation- Hunting and Food Gathering, Pastoralism,

**Unit-5:** Culture as a tool of adaptation 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.
6. Cohen, Yehudi A. 1968. Man in adaptation; the cultural present. Chicago: Aldine Pub. Co.

7. Symposium on Man  
 the Hunter, Richard B. Lee, and Irven DeVore. 1969. Man the hunter. Chicago: Aldine Pub. Co.

**Course Outcomes**

C.O.1. The students will understand the ethnic variations based on adaptive features of human populations.

C.O.2. The students will understand the role of Biocultural factors influencing the occupation of human from past to present.

C.O.3. The students will have the knowledge on various Biological and cultural to ecological stresses.

C.O.4. They will have the basic ideas of tools of adaptations in various economies.

C.O.5. They will learn various methods of studying human ecology.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly



**B.A./B.Sc.III Semester**  
**AAUCLG3/ASUCLG3: Practical in Human Biological & Cultural dimensions**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLG3/ ASUCLG3	-	-	2	4hours	30	70	100	2

**Course Objectives**

- C.O.1. To understand the ethnic variation based on adaptive features of human populations.
- C.O.2. To study the role of Bio-cultural factors influencing the occupation of human from past to present.
- C.O.3. To understand the various Biological and cultural to ecological stresses

**Syllabus**

**Unit-1:** Biological Dimension of Adaptation:

**Unit-2:** Size and Shape measurement

**Unit-3:** Size and shape indicators

**Unit-4:** Cultural dimension of Adaptation:

**Unit-5:** Make and research design to any environmental problem and prepare a project base

**Suggested readings:**

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

## Course Outcomes

- C.O.1. The students will understand the ethnic variation based on adaptive features of human populations.
- C.O.2. The students will have the knowledge on Bio-cultural factors influencing the occupation of human from past to present.
- C.O.3. The students will have clarity various Biological and cultural to ecological stresses
- C.O.4. The student will be able to differentiate between Size and shape and cultural dimensions of human adaptation

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. IIISemester**  
**AAUCTS3/ ASUCTS3:Museum Anthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTG2/ ASUBTG2</b>	3	1	-	4hours	30	70	100	4

**Course Objectives**

C.O.1. To provide the basic knowledge about the anthropological concept of Museum.

C.O.2. To teach various general principles of documentation and preservation of artifacts in a museum.

C.O.3. To provide the knowledge on various facets of museum management.

C.O.4. To provide the basic knowledge on the application of computer knowledge in museum management.

C.O.5. To teach students on museum education and research.

**Syllabus Contents**

**Unit I:** Definition and scope of Museum/Museum Movement in India, Function of Museum, an Museum anthropology.

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

**Unit III:** Museum Management and Administration: Administration framework, budget, Work plan and museum marketing.

**Unit IV:** Museum Education: Educational responsibility of the museum for children, adult, and other categories.

**Unit V:** Computer application in Museum: Use of computer in museum design, use of softwares, websites, multi-media etc.

**Suggested Reading:**

1. Ghosh, D.P. Studies in Museum.
2. Basu, J.N. Indian Museum and Movement.
3. Bhatnagar, T.K. Museum, Museology, and New Museoms.

4. Biswas, T.K. Biswas. Museum and Adult Education.
5. Bedkar, V.H. New Museology for India.
6. Nigam, M.L. Organisation of Museum.
7. Nigam, M.L. Fundamentals of Museology.

### Course outcome

P.O.1. The students will learn about history of museums in India and the relationships between museums and anthropology.

P.O.2. The students will learn about the museum collections, documentation and display.

P.O.3. The students will learn about the security, storage and research related to museum artifacts.

P.O.4. The students will learn the use of computer in museum management.

P.O.5. Students will understand the educational and research values of the museum.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

**AAUDTT8/ASUDTT8: Theories of Culture and Society**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTT8/ ASUDTT8</b>	3	1	-	4hours	30	70	100	4

**Course Objectives**

1. To teach the students scientific and humanistic perspective in social anthropology.
2. To inform the students various theoretical approaches to study the evolution and spread of culture.
3. To appraise the students on different views of social thinkers as well as to study the society.
4. To transfer knowledge on the relation of culture and personality and how culture plays important role in personality formation.
5. To teach the students on the recent trends in anthropological theories.

**Syllabus**

**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 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.

### CourseOutcomes

1. The students will have a clear understanding of the scientific and humanistic perspective in Anthropology.
2. The students will have Knowledge on various theoretical approaches to study society and culture.
3. The students will have the understanding of the philosophies of various thinkers in anthropology.
4. The students will know the pattern of culture and how they influence the society.
5. The students will know the formation of personality and how culture influences it.

CourseOutcomesandtheirmappingwithProgrammeOutcomes:

CO	PO												PSO		
	PO 1	P O2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage:1-Sightly;2-Moderately;3-Strongly

**B.A./B.Sc.IV Semester**  
**AAUDLT8/ASUDLT8: Practical on Culture and Society**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT7/ ASUCLT7	-	-	2	4hours	30	70	100	2

**Course Objectives**

1. To teach how to develop research questions, and hypothesis in a social research from scientific and humanistic perspective in social anthropology.
2. To inform the students the methods of preparing the variables in a social research.
3. To transfer knowledge on the skill of formulation of hypothesis and method of hypothesis testing.
4. To appraise the students on various techniques of identification of study universe and unit of study.
5. To teach the students on various research techniques, and methods employes in social research.

**Syllabus**

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.

1. To identify a topic relating to contemporary issue and formulate research questions and Clearly identify the theoretical perspectives from which they are derived.
2. Identification of variables of a study.
3. Various types of hypotheses.
4. Formulation of hypothesis.
5. Distinction between hypothesis testing and exploratory research.
6. Identification of universe and unit of study with justifications.
7. Choice of appropriate research technique and method in the context of theoretical framework.
8. 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.

**Course Outcomes**

1. The students will have a clear understanding of the scientific and humanistic perspective in Anthropology.
2. The students will have knowledge on various methodological approaches to study society and culture.
3. They will know the techniques of developing variables and using variables in social research.
4. They will know the skill of preparing the hypothesis.
5. The students will be appraised of various ethno-methodologies for use in qualitative research.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	P O2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUDTT9/ASUDTT9: Human Growth and Development

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDTT9/ ASUDTT9	3	1	-	4hours	30	70	100	4

#### Course Objectives

- To provide complete knowledge of growth, differentiation, maturation and development.
- This subject will deal with various biological and socio-economic factors affecting growth.
- To describe the major stages and associated developmental tasks of human growth and development.
- To acquaint the students about the different methods and techniques to study growth and also the significance of growth studies.
- To understand the concept, levels and underlying models of body composition

#### Syllabus

**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. (canalization, catch-up growth and catch-down growth), ethnic and gender differences in growth curves, secular trend.

**Unit III:** Bio-cultural factors (genetic, social, and ecological factors) influencing patterns of growth and variation,

**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
6. Jurmain R, Kilgore L, Trevathan W. Essentials of physical anthropology. Wadsworth publishing.
7. Kapoor AK and Kapoor S. (1995) Biology of Highlanders. Vinod Publisher and Distributor.
8. Kathleen K. (2008). Encyclopedia of Obesity. Sage.
9. Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics.
10. McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance.

11. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.

12. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi.

### Course Outcomes

After studying this paper, the students will learn about

- The concepts and indicators of growth and development
- Types and patterns of growth curves
- Different stages of growth: Prenatal and Postnatal
- Various bio-cultural factors influencing the growth
- Analysis of body physique and somatotyping

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUDLT9/ASUDLT9: Practical on Human Growth and Development

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDLT9/ ASUDLT9	-	-	2	4hours	30	70	100	2

#### Course Objectives

- To explain the various methods of assessing growth status using somatometry, percentile, z-score, BMI, height for age, weight for age
- Assessment of obesity through various indices
- To provide knowledge about the estimation of body composition with skinfold thickness
- Assessment of nutritional status through dietary pattern and anthropometric indices

#### Syllabus

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)
3. Estimation of body composition (fat percentage and muscle mass) with skinfold thickness.
4. Nutritional assessment and
5. 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.
10. Human Kinetics.
11. McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance.
12. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.
13. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary
14. global issue. Dhanraj Publishers. Delhi.

## Course Outcomes

From this paper, the students will learn about how to assess growth, obesity, body composition and nutritional status.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PSO 1	PSO 2	PSO 3
CO 1	3	2	2	1	1							3	3	3	3
CO 2	3	2	3	2	1							3	3	3	3
CO 3	3	3	3	3	2							3	3	3	2
CO 4	3	3	3	3	3							3	3	3	2
CO 5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly



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

### AAUDTT10/ASUDTT10: Research Methods

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDTT10/ ASUDTT10	3	1	-	4hours	30	70	100	4

#### Course Objectives

- 1.The main objective of this course is to introduce the basic concepts in research methodology in Social science and practice different methods and techniques.
- 2.This course addresses the issues inherent in selecting a research problem and discusses the techniques and tools to be employed in completing a research project.
- 3 This course will also focus on different data collection techniques
- 4.One of the important areas of research will be covered in this area like case study and life history writing.
- 5.This will also enable the students to prepare report writing and framing Research proposals.

#### Syllabus

##### Unit I: Fieldwork 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, 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 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: Report Writing in Anthropology

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 readings:

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*. A lta Mira 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.

### Course Outcomes

1. Students who complete this course will be able to understand and comprehend the basics in research methodology and applying them in research/ project work.
2. This course will help them to select an appropriate research design and will be able to demonstrate the ability to choose methods appropriate to research objectives.
3. With the help of this course, students will be able to take up and implement a research project/ study.
4. The course will also enable them to collect the data, edit it properly and analyze it accordingly. Thus, it will facilitate students' prosperity in higher education.
5. The Students will develop skills in qualitative and quantitative data analysis and presentation.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUDLT10/ASUDLT10: Practical in Research Methods

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDLT10/ ASUDLT10	-	-	2	4hours	30	70	100	2

#### Course Objectives

- 1.The main objective of this course is to introduce the basic concepts in research methodology in Social science and practice different methods and techniques.
- 2.This course addresses the issues inherent in selecting a research problem and discusses the techniques and tools to be employed in completing a research project.
- 3.This course will also focus on different data collection techniques
- 4.One of the important areas of research will be covered in this area like case study and life history writing.
- 5.This will also enable the students to prepare report writing and framing Research proposals.

#### Syllabus

**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 IV:** 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 somatometric, dermatoglyphic and serological data or social problem.

#### 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.
4. Zar JH. Biostatistical Analysis. Prentice Hall. 2010.
5. Michael A. The Professional Stranger. Emerald Publishing. 1996.
6. Bernard R. Research Methods in Anthropology: Qualitative and Quantitative Approaches. Alta Mira Press. 2011.
7. Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Field notes. Chicago, University of Chicago Press. 1995.
8. Lawrence NW. Social Research Methods, Qualitative and Quantitative Approaches. Boston: Allyn and Bacon. 2000.

9. O'reilly K. *Ethnographic Methods*. London and New York: Routledge. 2005.
10. Patnaik S.M. *Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua*. Jaipur: Rawat Publications. 2011.
11. Pelto P.J and Pelto G.H. *Anthropological Research, The Structure of Inquiry*. Cambridge: Cambridge University Press. 1978.
12. Sarantakos S. *Social Research*. London: Macmillan Press. 1998.

**Course Outcomes**

1. Students who complete this course will be able to understand and comprehend the basics in research methodology and applying them in research/ project work.
2. This course will help them to select an appropriate research design and will be able to demonstrate the ability to choose methods appropriate to research objectives.
3. With the help of this course, students will be able to take up and implement a research project/ study.
4. The course will also enable them to collect the data, edit it properly and analyze it accordingly. Thus, it will facilitate students' prosperity in higher education.
5. The students will develop skills in qualitative and quantitative data analysis and presentation.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUDTG4/ASUDTG4: Basic of Research Methodology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDTG4/ ASUDTG4	3	1	-	4hours	30	70	100	4

#### Course Objectives

- 1.The main objective of this course is to introduce the basic understanding of research methodology in Social Sciences.
- 2.This course will introduce different tools and techniques of data collection in social sciences.
- 3.The course will enable the students to understand the importance of ethics, privacy and confidentiality in a research.
- 4.This will enable the students to prepare report writing.
- 5.This course will introduce and enable students to understand the importance of statistics in social sciences and give basic understanding of analysis of data.

#### Syllabus

##### Unit-1: Meaning, Concept and Research-

Research Design, Review of Literature, Formulation of Research problem, Qualitative and Quantitative research.

##### Unit-2: Tools and Techniques of data collection

##### Unit-

3: Ethical issues in Research/Ethical importance of consent, privacy and confidentiality in the research

##### Unit-4: Analysis and writing up structure, Research article data analysis

##### Unit-

5: Bio Statistics: Variable, Descriptive statistics, use of qualitative and quantitative, Test of inference, Pe digree 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. A lta Mira 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 Bhill of Jhabua. Jaipur: Rawat Publications. 2011.
8. Pelto PJ and Pelto GH. Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. 1978.

**Course Outcomes:**

1. Students will be able to understand the importance of Research
2. Students will know different tools of data collection: prepares schedule and questionnaire-interview, key informant interview, case study
3. Students will understand the importance of privacy and ethics of research.
4. Students will know the methods of writing a research report by Preparation of Research Problem, Research design, Data collection and analysis, Report writing
5. Students will know the different methods of analysis of data and how to interpret it as per the requirements.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. IV Semester**  
**AAUDLG4/ASUDLG4: Practical in Basic of Research Methodology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDLG4/A SUDLG4	-	-	2	4hours	30	70	100	2

### Course Objectives

- 1.The course will help to understand the research methods, methodology and techniques along with how to prepare and practice research schedule and questionnaire, perform interviews, case studies.
- 2.This will explain and prepare research problems.
- 3.The course will define and practice how to design a research.
- 4.This will make students what are the techniques and tools to be used during any research on a problem.
- 5.This will prepare and explain how to write a research report.

### Syllabus

**Unit I:** Preparation of Schedule and questionnaire- Interview, key informant interview, case study.

**Unit II:** Preparation of research problem

**Unit III:** Research Design

**Unit IV:** Data collection and analysis

**Unit V:** Project Report Writing

### 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*. Alta Mira 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.

### Course Outcomes

1. The learning outcomes of this paper are:
2. The students will learn about the similarities and differences between technique, method and methodology
3. They will learn about fieldwork traditions in Anthropology
4. They will also learn about tools and techniques of data collection
5. From the practical component they will learn about how to construct tables, make observations and conduct interviews.
6. They will learn how to analyze the collected data and write a research report to submit the department.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly



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

### AAUDTS4/ASUDTS4: Tourism anthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDTG4/ ASUDTG4	3	1	-	4hours	30	70	100	4

#### Objectives of the course

- C.O.1. To provide briefly the basic concept of Tourism .
- C.O.2. Students will be taught on the purposes of tourism and tourism regulations of India.
- C.O.3. Students taught about the Tourism Services and Operation.
- C.O.4. Students will be taught on various Tourism Policy and development,
- C.O.5. To appraise the students on the prospects of tourism and challenges in Chhattisgarh.

#### Syllabus Contents

**Unit I:** Meaning, concept and Types of Tourism.

**Unit II:** Purpose of tourism, Modern Tourism, Tourism Regulations.

**Unit III:** Tourism Services and Operation: Transport, Accommodation, and Tourist Marketing, Promotional Events,

**Unit IV:** Tourism Policy and development, Eco-Tourism, Globalisation and Modernisation of Tourism.

**Unit V:** Tourism in Chhattisgarh,: Eco-Tourism, Religious Tourism, Challenges and Prospects, of Tourism in Chhattisgarh.

#### **Suggested Readings:**

Crick, M. 1995. The Anthropologists as Tourists: An Identity in question, Sage Publication, London.

Chambers,E. 2000. Native Tours: The Anthropology of Travel and Tourism, Prospect Height: Waveland.

Nash,D. 1996. Anthropology of Tourism, New York, Pentagon. Chambers

#### **Course outcome**

- P.O.1. Students will have an idea about the concept and meaning of tourism. .
- P.O.2. They will understand the purposes of tourism and tourism regulations of India.
- P.O.3. Students will have the understanding of the Tourism Services and their Operation.
- P.O.4. Students will be acquainted with various Tourism Policy and development,
- P.O.5. They will have the understanding of the prospects of tourism and challenges in Chhattisgarh.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

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

### AAUDTA4/ASUDTA4: Disaster management

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUDTA4/ ASUDTA4	3	1	-	4hours	30	70	100	4

#### Course Objectives

C.O.1. The students will be taught on the basics of the concept and meaning of Disaster Management.

C.O.2. They will be appraised of various types of Natural disasters

C.O.3. They will be appraised of various types of Man-made disasters

C.O.4. The students will be taught on the essentials of Disaster preparedness.

C.O.5. They will be informed on the Role of Government Agencies, Civil society, NGOs and INGOs and charitable organisations.

#### Syllabus Contents

**Unit. 1.** Basics of Disasters: Introduction to the Anthropology of Disasters Hazard, Risk, Vulnerability, Disaster Management, Meaning, Nature, Importance,

**Unit-2.** Types of Disasters: Natural

- Hydrological Disasters - Flood, Flash flood, Drought, cloud burst
- Geological Disasters - Earthquakes, Landslides, Avalanches, Volcanic eruptions, Mudflow
- Wind related - Cyclone, Storm, Storm surge
- Tidal waves, Heat and cold Waves, Climatic Change, Global warming, Sea Level rise, Ozone Depletion

**Unit-3.** Types of Disasters: Manmade. Displacement due to development Projects, Riots, Ethnic Conflicts, Consequences and Rehabilitations.

**Unit-4.** Essentials of Disaster preparedness: Planning, communication, Leadership and Coordination, Ware housing and stock Piling.

**Unit-5.** Role of Government Agencies, Civil society, NGOs and INGOsand cheritble organisatiois in Evacuation, Relief, Rehabilitation and Resettlement and other. Mitigations. Case of NDRF, Red Cross, Disaster Mitigation Mission etc.

### **Recommended Readings**

18. Asian Development Bank. 2004. *Disaster Mitigation in Asia and the Pacific*, Manila ADB,
19. Bose, B.P.C. 1994. *Disaster Policies and Administration: A Study of Three Andhra Disasters*.
20. Cheng, F.Y. and Wang, Y.Y. 1996. *Post-Earthquake Rehabilitation and Reconstruction*.
21. Oxford: Permagon Publications.
22. Chohen, Stephen P. and C.V. Raghavulu. 1979. *The Andhra Cyclone of 1977: Individual and Institutional Responses to Mass Death*. New Delhi: Vikas Publishing House.
23. Erikson, Kai. 1994. *A New Species of Trouble: The Human Experience of Modern Disaster*.
24. New York: W. W. Norton.Fernandes, Walter and Enakshi, Ganuli Thakrai. Eds. 1989. *Development, Displacement and Rehabilitation*. New Delhi: South Asia Books.
25. Gangopadhyay, T. and Mankodi, K. A. 1983. *Rehabilitation: The Ecological and Economics*
26. *Costs*. Surat: Centre for Social Studies.
27. Ghosh, G. K. 2011. *Disaster Management*. New Delhi: A.P.H. Publishing Corporation
28. Goel S.L., 2006. *Encyclopaedia of Disaster Management*. New Delhi: Deep and Deep
29. Publications.
30. Goel, S. L. 2007. *Disaster Administration and Management, Text & Case studies*. New Delhi:Deep and Deep Publications.
31. Goldsmith, E. and Hilyard, N. 1986. *The Social and Environmental Effects of Large Dams: Volume 2: Case Studies*. Wadebridge (England): Wadebridge Ecological Centre.
32. Keller, Stephen L. 1975. *Uprooting and Social Change*. New Delhi: Manohar Books.
33. Scudder, T. 1973. *The Human Ecology and Big Projects: River Basin Development and Resettlement*. In Annual Review of Anthropology.
34. Verma, Vinod K. 1995. *Disaster Management*. New Delhi: IIPA.

P.O.1. The students will have a clear understanding on the concept and meaning of Disaster Management.

P.O.2. They will have the idea on various types of Natural disaster

P.O.3. They will have the idea on various types of Man-made disaster

P.O.4. The students will have knowledge on the essentials of Disaster preparedness.

P.O.5. The students will know various roles of Government Agencies, Civil society, NGOs and INGOs and charitable organisations

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.**

**V Semester AAUETT11/ASUETT11: Human Genetics**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUETT11/ ASUETT11</b>	3	1	-	4hours	30	70	100	4

**Course Objective**

1. To develop basic concept and methods of human genetics.
2. To study cytogenetic and banding techniques.
3. To develop the concept and chromosomal abnormalities, chromosomal mapping, genetic imprinting, Epistasis, pleiotropy.
4. To help student to know various Modes of inheritance.
5. To know about multiple allelic inheritance, multifactorial inheritance (stature and skin Colour).

**Syllabus**

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 chromosomal mapping, genetic imprinting. Epistasis, Pleiotropy.

Unit IV

Modes of inheritance: Mendel's Law, Autosomal (dominant, recessive, codominance), sex linked, sex influenced, sex limited, modifying genes, suppressor genes, selfish gene,

Unit V

Multiple allelic inheritance, multifactorial inheritance (stature and skin Colour).

**Suggested readings:**

1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc 4<sup>th</sup> ed.

2. Cavalli-Sforza, L.L. and Bodmer, W.F. (1971). *The Genetics of Human Population*. San Francisco: Freeman
3. Cooper D.N. and Kehler-Sawatzki H. (2008). *Handbook of Human Molecular Evolution*. John Wiley & Sons, volume-2.
4. Crawford M.H. (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. Hurles M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY.
7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9<sup>th</sup> 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, 3<sup>rd</sup> revised edition.

**Course Outcome:**

1. This course provides information on methods of studying Human Genetics.
2. This paper will provide knowledge on cytogenetics.
3. Student can understand Chromosomal abnormalities, linkage & chromosomal mapping.
4. Students will get knowledge about the various modes of inheritance.
5. Students will be able to understand multiple allelic inheritances, multifactorial inheritance (stature and skin Colour).

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.VSemester**  
**AAUELT11/ASUELT11:PracticalonHumanGenetics**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUELT11/ ASUELT11	-	-	2	4hours	30	70	100	2

**Course Objectives**

1. To learn different blood grouping types in human being
2. To perform Color Blindness test in scientific method.
3. To Learn Glucose-6-phosphate dehydrogenase deficiency(G6PD) and
4. To Learn PTC tasting ability adopting scientific methods
5. To perform and study Dermatoglyphics

**Syllabus**

- UnitI: Blood group typing-A1, A2, B, O, MN and Rh(D) blood groups
- UnitII: ColorBlindness
- UnitIII: Glucose-6-phosphatedehydrogenasedeficiency(G6PD)
- UnitIV: PTCtastingability
- UnitV: Biochemicalmarkers-DNAisolationandpolymerasechainreaction(PCR)

**SuggestedReadings**

1. BrookerR.J.(2012).Genetics:analysis&principles.TheMcGraw-HillCompanies,Inc4thed.
2. Cavalli-Sforza,L.L.andBodmer,W.F(1971).TheGeneticsofHumanPopulation.SanFrancisco:Free man
3. CooperDNandKehrer-SawatzkiH.(2008).Handbookof HumanMolecularEvolution.JohnWiley&Sons,volume-2.
4. CrawfordMH(2007).*AnthropologicalGeneticsTheory,MethodsandApplications*.Cambridge UniversityPress
5. CummingsM.R.(2011).HumanHeredity:PrinciplesandIssues.NinthEdition.Brooks/Cole,CengageLearning
6. Jobling,M.A.HurlesM.andTyler-SmithC.(2004).*HumanEvolutionaryGenetics:Origins,Peoples&Disease*.GS.NY
7. LewisR.(2009).*HumanGenetics:ConceptsandApplications*9thEdition.TheMcGraw-HillCompanies,Inc.
8. PatchC.(2005).*Applied GeneticsinHealthcare*.Taylor &FrancisGroup
9. RelethfordJ.H.(2012).*HumanPopulationGenetics*. Wiley-Blackwell,USA
10. Snustad.D.P.andSimmonsM.J.(2006).*PrinciplesofGenetics*,FourthEdition,JohnWiley&Sons USA,HobokenNJ
11. StrachanT,ReadA.P.(2004).*HumanMolecularGenetics*.GarlandScience/Tayl



or&Francis Group.

12. Vogel F. and Motulsky A. G. (1996). *Human Genetics*. Springer, 3rd revised edition.

**CourseOutcomes:**

1. This course provides information on different types of Blood Group system.
2. Student can demonstrate different types of Color blindness
3. Students will be able to demonstrate Glucose-6-phosphate dehydrogenase deficiency (G6PD)
4. Students will internalise how to perform PTC and possess testing ability
5. Students will be able to understand the Biochemical markers-DNA isolation and polymerase chain reaction (PCR).

**CourseOutcomesand theirmapping withProgrammeOutcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

Weightage: 1-Slightly; 2-Moderately; 3-Strongly

## B.A./B.Sc.VSemester

### AAUETT12/ASUETT12: Anthropology in Practice

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUETT12/ ASUETT12	3	1	-	4hours	30	70	100	4

#### Course Objectives:

Objective of the course is to make Students will able:

1. To summarize and analyze the concepts of Applied Anthropology and Action Anthropology
2. To introduce the Development Anthropology and Public Policy.
3. To develop the understanding of Tourism and Visual Anthropology
4. To develop basic idea of Human Rights Constitutional Provisions.
5. To utilize the appropriate tools for Forensic Anthropology in judicial settings

#### Syllabus

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

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

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

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

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

#### Suggested Readings

1. Arya A and Kapoor A K. (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. 329p. Oxford, Clarendon Press
4. Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods and the Uses of Anthropological Demography edited by Basu A and Aaby P. Oxford: Clarendon Press. Pp 246-268.
5. Census of India (2001, 2011) and National Family Health Survey (2006, 2010).
6. Ervic, Alexander M., (2000). Applied Anthropology: Tools and Perspectives for Contemporary Practice, Boston, MA: Allyn and Bacon.

7. ErwinA.(2004).AppliedAnthropologyToolsandPractice,AllynandBacon.

8. Gupta S and Kapoor AK.(2009). Human Rights among Indian Populations: Knowledge,Awareness andPractice.GyanPublishingHouse, New Delhi.
9. Willen SS.(2012). Anthropology and Human Rights: Theoretical Reconsiderations andPhenomenological Explorations.JournalofHumanRights.11:150–159.
10. GoodaleM.(2009).HumanRights:AnAnthropologicalReader.WileyBlackwell.
11. Gupta S and Kapoor AK. (2007). Human Rights, Development andTribe.In: Genes,Environment and Health–Anthropological Prespectives. K.Sharma, R.K.Pathak,S. Mehra andTalwarI(eds.).SerialsPublications,NewDelhi.
- 12.MargaretAG.(2003).AppliedAnthropology:ACareer-OrientedApproach,Boston,MA:AllynandBacon.
13. HalbarBGandKhanCGH.(1991).RelevanceofAnthropology–TheIndianScenario.RawatPublications,Jaipur.
14. KapoorAK(1998).RoleofNGO’sinHumanDevelopment:ADomainofAnthropology.JInd AnthropolSoc;33:283-300.
15. KapoorAKandSinghD.(1997).RuralDevelopmentthroughNGO’s.Rawatpublications,J aipur.
16. KlepingerLL(2006).FundamentalsofForensicAnthropology.Wiley-LissPublications
17. KumarRKandKapoorAK.(2009).ManagementofaPrimitiveTribe:RoleofDevelopment Dynamics.Academic Excellence,Delhi.
18. Mehrotra N and Patnaik SM. (2008). Culture versus Coercion: The Other Side ofNirmalGramYojna,EconomicandPoliticalweekly.pp25-27.
19. MishraRC(2005).HumanRightsinaDevelopingSociety,MittalPublications,Delhi.20.No alnRW.(2002).AnthropologyinPractice:BuildingaCareeroutsidetheAcademy.PublishingLynne Reinner.
21. PatnaikSM(1996).Displacement,Rehabilitation&SocialChange.InterIndiabPublications ,New Delhi.
22. PatnaikSM(2007).AnthropologyofTourism:InsightsfromNagaland.TheEasternAnthrop ologist.60(3&4):455-470
23. SrivastavOS(1996).DemographicandPopulationStudies.VikasPublishingHouse,India
24. VidyarthiLPandBNSahay(2001).AppliedAnthropology and Development inIndia,NationalPublishingHouse,NewDelhi.
25. VidyarthiLP.(1990).AppliedAnthropologyinIndia–Principles,ProblemsandCaseStudies.KitabMahal,U.P.
26. VidyarthiV(1981).TribalDevelopmentanditsAdministration.ConceptPublishingCompa ny,NewDelhi.

### **CourseOutcome:**

Studentswill be ableto:

1. Applytheanthropologicalknowledgetoresolvedaytodaylifeproblemsofhumansindifferentec logicalsetup.
2. Studentcanapplytheir knowledgeindifferentprojectsandNGOs
3. AbletounderstandConstitutionalprovisionsandHumanRightsandapplythat
4. Theywillbeabletoexploremintourismandvisualanthropology.
5. Theywillapplybio-social elements ofhumandevlopment.

Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.VSemester**  
**AAUELT12/ASUELT12:PracticalonAnthropologyinPractice**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUELT12/ ASUELT12	-	-	2	4hours	30	70	100	2

**CourseObjectives:**

**Objectiveofthecourseisto makeStudentswillable:**

1. Studentswilllearntodeveloprapportestablishmentpracticallyinnearbyvillage.
2. Studentswill learnhowto preparereportbased on primarydata
3. Todeveloptheunderstandinghowtoprepareprojectproposal
4. To develop basicideaofdemographicstudyproposal
5. Studentswill learnhow to preparereportbased onsecondarydata

**Syllabus**

UnitI:

ThestudentswillvisitaVillage/NGO/UrbanSlum/Corporateofficeanditsadjoiningareas andwriteprincipalobservationsonthesame.

UnitII:

Writingaprojectonconstitutionalprovisionsorevaluationofanydevelopmentproject/report.

UnitIII:

WriteaprojectonReligiousTourism/TribalTourism/HealthTourism/Fashion/Human Rights /Ecotourism.

UnitIV:

Write a projectonthedemographicprofilefromsecondarydata.

UnitV:

Collectsecondarydataonanybio-socialproblem/censusdata/NFHSdataandgivetheanalysis

**SuggestedReadings**

1. AryaAandKapoorAK.(2012).GenderandHealthManagementinAfro-IndianGlobalVisionPublishingHouse,New Delhi.
2. KertzerDIandFrickeT.(1997).AnthropologicalDemography.UniversityofChicagoPress.
3. Basu,A.andP.Aaby(1998).TheMethodsandtheUsesofAnthropologicalDemography.329pp.Oxford,ClarendonPress
4. Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods andtheUsesofAnthropologicalDemographyeditedbyBasuAandAabyP.Oxford:ClarendonPress.pp246-268.

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 Pr



actise, Boston, MA: Allyn and Bacon.

7. Erwin A. (2004). *Applied Anthropology Tools and Practice*, Allyn and Bacon.

8. Gupta Sand 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 Sand 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*. *Journal of Anthropology and Anthropology Society*; 33: 283-300.

15. Kapoor AK and Singh D. (1997). *Rural Development through NGO's*. Rawat Publications, Jaipur.

16. Klepinger LL (2006). *Fundamentals of Forensic Anthropology*. Wiley-Liss Publications

17. Kumar RK and Kapoor AK. (2009). *Management of a Primitive Tribe: Role of Development Dynamics*. Academic Excellence, Delhi.

18. Mehrotra N and Patnaik SM. (2008). *Culture versus Coercion: The Other Side of Nirmal Gram Yojna*, *Economic and Political Weekly*. pp 25-27.

19. Mishra RC (2005). *Human Rights in a Developing Society*, Mittal Publications, Delhi.

20. Noal RW. (2002). *Anthropology in Practice: Building a Career outside the Academy*. Publishing Lynne Rienner.

21. Patnaik SM (1996). *Displacement, Rehabilitation & Social Change*. Inter India Publications, New Delhi.

22. Patnaik SM (2007). *Anthropology of Tourism: Insights from Nagaland*. *The Eastern Anthropologist*. 60(3&4): 455-470

23. Srivastav OS (1996). *Demographic and Population Studies*. Vikas Publishing House, India

24. Vidyarthi LP and BNSahay (2001). *Applied Anthropology and Development in India*, National Publishing House, New Delhi.

25. Vidyarthi LP. (1990). *Applied Anthropology in India – Principles, Problems and Case Studies*. Kitab Mahal, U.P.

26. Vidyarthi V (1981). *Tribal Development and its Administration*. Concept Publishing Company, New Delhi.

### **Course Outcomes**

1. Students will be able to project proposal and report.
2. They will be able to analyse primary and secondary data.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

## B.A./B.Sc.VSemester

### AAASET1/ASDSET1: Anthropology of religion, politics and economics

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAASET1/A SDSET1	3	1	-	4hours	30	70	100	4

#### Course Objectives:

- C.O.1. To teach the students on various forms of regions practices practiced by different societies.
- C.O. 2. To teach the students on various economic principles.
- C.O.3.To teach various forms of exchange systems in different societies.
- C.O.4. To transfer knowledge on various political system in different societies.
- C.O.5. To find out the interrelationships of politics, religion and economy.

Unit 1 Anthropological approach to the study of religion magic animatims, totemic, asterism, witchcraft and sorcery, Religious specialittic shaman, priests, mystics Overview of Anthropological Theories of Religion

Unit II: Economic institutions: principles of production, distribution, consumption and Exchange in simple and complex societies

Unit III: Various forms of exchange barter, trade and market Forms of currencies: Reciprocities generalized, balanced and negative

Unit IV: Political institutions concepts of power and authority, types of authority; state and stateless societies, law and justice in simple and complex societies

Unit V. Interrelationship between religion, politics and economy; caste in IndianPolitics

#### Suggested Readings:

1. Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology New York Macmillan.
2. 2 Benedict A. (2006) Imagined Communities: Reflections on the Origin and Spread Of Nationalism. Verso
3. Gledhill 1 (2000) Power and Its Disguises: Anthropological Perspectives on Politics 2<sup>nd</sup> 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 Met
6. Al (2005) 'Economic Man in cross-cultural perspective Behavioral experiments in 15 small-scale societies Behavior and Brain Science, 28(6) 795-815,
7. Henrich J (2002) Decision-making, cultural transmission, and adaptation in economic anthropology In 1 Ensminger (Ed.). Theory in Economic Anthropology M) A Reader on the Achilogy of Religion
8. Eller ID. (2007) IshingAmbroggy of Religion or York Re
9. SD. (1997) Anthropology of Religion A Handbook kept
10. Frick GD and Langer R. (2010). Transfer and Spaces. Haritz (way)
11. Esan-Prichard EE (1937) Witchcraft, Oracles and Magic among the Acade Ostend Clarendon Pres
12. Frazer JG (1978) The Illustrated Golden Bough LendonMacmilla
13. . Barbara M. (2011) Cultural Anthropology, New Jerry Pearson Education
14. Ember CR. (2011) Anthropology New Delhi DeelingKinderslay 15. Herskovits MJ (1952) Economic Anthropology: A Study in Compestive
15. Economics New York: Alfred A Knopf Inc 16. Malinowski B. (1922) Argonauts of the Western Pacific Londes Routledge.
16. Polyani K. et al (1957), Trade and Market in the Early EmpinChicags Henry Regnery Company

17. Balandier G. (1972) Political Anthropology, Middlesex: Penguin

**Course Outcome:**

- C.O.1. The students know on various forms of regions practices practiced by different societies.
- C.O. 2. The students understands various economic principles.
- C.O.3.The students have the knowledge on forms of exchange systems in different societies.
- C.O.4. The students knowledge increased on various political system in different societies.
- C.O.5. They find out interrelationships of politics, religion and economy.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.VSemester**

**AAASEL1/ASASEL1:Practical based on anthropology of religion politics and economics**

<b>SubCode</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Duration</b>	<b>IA</b>	<b>ESE</b>	<b>Total</b>	<b>Credits</b>
<b>AAASEL1/A SASEL1</b>	-	-	2	4hours	30	70	100	2

**Course Objectives:**

- C.O.1. To teach the students on various forms of regions practices practiced by different societies.
- C.O. 2. To teach the students on various economic principles.
- C.O.3.To teach various forms of exchange systems in different societies.
- C.O.4. To transfer knowledge on various political system in different societies.
- C.O.5. To find out the interrelationships of politics, religion and economy.

Unit I Case study of any of the religious institute being practiced in tribal societies.

Unit II Case study of any of the political institute being practiced in tribal societies.

Unit II Case study of any of the Economic institute being practiced in tribal societies.

Unit IV: Prepare a review report on Anthropology of the relation of politics, economy and religion in any tribal society

**Suggested Readings:**

1. Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology New York Macmillan.
2. 2 Benedict A. (2006) Imagined Communities: Reflections on the Origin and Spread Of Nationalism. Verso

3. Gledhill I (2000) Power and Its Disguises: Anthropological Perspectives on Politics 2<sup>nd</sup> 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 Met
6. Al (2005) 'Economic Man in cross-cultural perspective Behavioral experiments in 15 small-scale societies Behavior and Brain Science, 28(6) 795-815,
7. Henrich J (2002) Decision-making, cultural transmission, and adaptation in economic anthropology In 1 Ensminger (Ed.). Theory in Economic Anthropology M) A Reader on the Achology of Religion
8. Eller ID. (2007) Ishing Ambroggy of Religion or York Re
9. SD. (1997) Anthropology of Religion A Handbook kept
10. Frick GD and Langer R. (2010). Transfer and Spaces. Haritz (way)
11. Esan-Prichard EE (1937) Witchcraft, Oracles and Magic among the Acade Ostend Clarendon Pres
12. Frazer JG (1978) The Illustrated Golden Bough Lendon Macmilla
13. . Barbara M. (2011) Cultural Anthropology, New Jerry Pearson Education
14. Ember CR. (2011) Anthropology New Delhi Deeling Kinderslay 15. Herskovits MJ (1952) Economic Anthropology: A Study in Compestive
15. Economics New York: Alfred A Knopf Inc 16. Malinowski B. (1922) Argonauts of the Western Pacific Londes Routledge.
16. Polyani K. et al (1957), Trade and Market in the Early Empin Chicags Henry Regnery Company
17. Balandier G. (1972) Political Anthropology, Middlesees: Pengui

**Course Outcome:**

- C.O.1. The students know on various forms of regions practices practiced by different societies.
- C.O. 2. The students understands various economic principles.
- C.O.3. The students have the knowledge on forms of exchange systems in different societies.
- C.O.4. The students knowledge increased on various political system in different societies.
- C.O.5. They find out interrelationships of politics, religion and economy.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

## B.A./B.Sc.VSemester

### AAASET2/ASDSET2: Sports Anthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAASET2/A SDSET2	3	1	-	4hours	30	70	100	4

#### Course Objective:

- C.O.1. The students will be taught on the anthropological importance of sports and fitness.
- C.O.2. They will be appraised on the environmental effects on health and fitness.
- C.O.3. The students will be taught on various effect of heat, stress, cold stress and high altitude on physiological response and performance
- C.O.4. The students will be taught on Body composition and Athletes, sports selection and monitoring, Games and sports of local tribes
- C.O.5. The students will be taught on the human biological variability, health and nutrition, doping and performance, cultural constructions and physiologic iniplications of food across time, space and society.

#### Syllabus:

Unit-1 Anthropology of sports- Physical fitness, component of physical fitness

Unit-II Physical conditioning, Training-techniques and physiological effects, environmental effects on physical performance

Unit III Effect of heat, stress, cold stress and high altitude on physiological response and performance

Unit IV. Body composition and Athletes, sports selection and monitoring, Games and sports of local tribes

Unit V: A Human biological variability, health and nutrition, doping and performance, cultural constructions and physiologic iniplications of food across time, space and society.

#### Suggested Readings

1. Stinson S. (1992) Nutritional Adaptation Annual Review of Anthropology 21 143-170
2. Brughart R. (1990) The Cultural Context of Diet, Discase and the Body. In Diet andDisease in Traditional and Developing Socimies GA Hain and JCW.P 107.125 Cambridge University Press, Cambridge
3. Rozin P. (1987) Psychobiological Perspectives on Food Preferences. In Food and
4. Evolution Toward a Theory of Food Habits M. Hams and Ell Ross (eds) Temple University Press Philadelphia. pp. 181-205
5. Quandt SA. (1987) Methods for Determining Dietary Intake In Nutritional Anthropology FE Johnston, ed Pp 67-84, Liss NY.
6. Uljasek S1 and Strickland SS. (1993). Introduction. In Nutritional Anthropology Prospects and Perspectives. Pp. 1-5. Smith Gordon London

#### Course Outcomes

- C.O.1. The students have the knowledge on the anthropological importance of sports and fitness.
- C.O.2. The students will have the clear understanding on the environmental effects on health and fitness.
- C.O.3. The students will be taught on various effect of heat, stress, cold stress and high altitude on physiological response and performance
- C.O.4. The students will be aware on Body composition and Athletes, sports selection and monitoring, Games and sports of local tribes
- C.O.5. The students will have ideas on the human biological variability, health and nutrition, doping and performance, cultural constructions and physiologic iniplications of food across time, space and society.

**CourseOutcomesandtheirmappingwithProgrammeOutcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage:1-Sightly;2-Moderately;3-Strongly



## B.A./B.Sc.VSemester

### AAASEL2/ASASEL2:Practical on sports anthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAASEL2/A SASEL2	-	-	2	4hours	30	70	100	2

#### Course Objective:

- C.O.1. the students will be taught on various assessment of daily nutrient intake
- C.O.2. The students will be given knowledge on the nutritional status and physical performance
- C.O.3. They will be able to evaluate the nutritional status and physical performance
- C.O.4. They will be taught on various evaluate physical performance
- C.O.5. The students will be taught on various cultural perspective for preference of specific food of a population

#### Syllabus:

- Unit 1 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 foodt of a population

#### Suggested Readings

7. Stinson S. (1992) Nutritional Adaptation Annual Review of Anthropology 21 143-170
8. Brughart R. (1990) The Cultural Context of Diet, Disease and the Body. In Diet and Disease in Traditional and Developing Socimies GA Hain and JCW.P 107.125 Cambridge University Press, Cambridge
9. Rozin P. (1987) Psychobiological Perspectives on Food Preferences. In Food and
10. Evolution Toward a Theory of Food Habits M. Hams and Ell Ross (eds) Temple University Press Philadelphia. pp. 181-205
11. Quandt SA. (1987) Methods for Determining Dietary Intake In Nutritional Anthropology FE Johnston, ed Pp 67-84, Liss NY.
12. Uljasek S1 and Strickland SS. (1993). Introduction. In Nutritional Anthropology Prospects and Perspectives. Pp. 1-5. Smith Gordon London

#### Course Outcomes

- C.O.1. The students have the knowledge of various assessment of daily nutrient intake
- C.O.2. The students have the knowledge on the nutritional status and physical performance
- C.O.3. They know how to evaluate the nutritional status and physical performance
- C.O.4. They have the ideas on various evaluate physical performance
- C.O.5. The students have the understandings on various cultural perspective for preference of specific food of a population

#### CourseOutcomesandtheirmappingwithProgrammeOutcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### AAUFTT13/ASUFTT13: Applied Biological Anthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUFTT13/ ASUFTT13	3	1	-	4hours	30	70	100	4

#### Course Objectives

- C.1. The paper will transfer the knowledge on study of meaning, scope and theories of Medical Anthropology,  
C.O.2. To teach about the traditional and modern health care system specifically the marginalized health care as well as tribal health and use of ethno medicinal practices in different region.  
C.O.3. To clarify about the health & nutrition and its bio-cultural aspects.  
C.O.4. To inform about the concept of Nutritional policies in India  
C.O.5. To focus on the evaluation of Malnutrition and nutritional adaptation in Man.

#### Syllabus

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

UNIT-4: Nutritional Anthropology: concept and definition. Nutrition policy in India, Child health and nutrition programmes in India.

UNIT-5: Malnutrition: over- and under-nutrition, malnutrition—their evaluation and general consequences. Nutritional adaptation in man

#### 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. Das, B.M. Outlines of Physical Anthropology. New Delhi.
5. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthropol. Inst., (Lond.) 1884, 14, 205).
6. Foster, G.M. and B.G. Anderson (1978) Medical Anthropology. New York: John Wiley and Sons
7. Good Bryon. (1994). Medicine, Rationality and Experience. Cambridge, England: Cambridge University Press
8. McElroy, A. and P.K. Townsend (1979) Medical Anthropology in Ecological Perspective. Boulder, CO: Westview Press
9. Singer, M. and H.A. Baer (1995) Critical Medical Anthropology. Amityville, NY: Baywood Press
10. Joshi, P.C. and A. Mahajan (1990) Studies in Medical Anthropology (eds.). New Delhi: Reliance Publishing House

**Course outcome:**

- C.O.1. The students have the knowledge on study of meaning, scope and theories of Medical Anthropology,  
 C.O.2. The students understood traditional and modern health care system specifically the marginalized health care as well as tribal health and use of ethno medicinal practices in different region.  
 C.O.3. The students know the health & nutrition and its bio-cultural aspects.  
 C.O.4. The students understood the concept of Nutritional policies in India  
 C.O.5. The students able to evaluate Malnutrition and nutritional adaptation in Man.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly



**B.A./B.Sc. VI Semester**  
**AAUFLT13/ASUFLT13: Practical on Applied Biological Anthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUFLT13/ ASUFLT13	-	-	2	4hours	30	70	100	2

**Course Objectives**

- C.O.1. To get practical knowledge of taking body measurements such as Height, Weight, Waist circumference and Hip circumference.
- C.O.2. To know about the various nutritional indices and the classification of obesity.
- C.O.3. To acquaint the students about the techniques of taking skinfold measurements.
- C.O. 4. To estimate the PBF, BMAI and BAI of various subjects.
- C.O. 5. To estimate the subcutaneous fat, Visceral fat & skeletal muscle percentage.

**Syllabus Contents**

**Syllabus**

**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 Adiposity 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.

**Course Outcome**

- C.O. 1. The students have the knowledge on techniques of taking basic somatometric measurements.
- C.O. 2. Students able to calculate various nutritional indices.
- C.O. 3. The students enhance the knowledge of taking skinfold measurements.
- C.O. 4. The students able to calculate various body composition indices.
- C.O. 5. The students get knowledge on the estimation of subcutaneous fat, visceral fat and skeletal muscle percentage.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### Semester AAUFTT14/ASUFTT14: Indian Anthropology

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUFTT14/ ASUFTT14	3	1	-	4hours	30	70	100	4

#### Course Objectives

C.O.1. To provide the knowledge of origin, history and development of Anthropology in India and enhance the knowledge of different approaches of studying the Indian society and culture.

C.O.2. To provide comprehensive knowledge about village system in India and explain the different social organizations.

C.O.3. To provide the brief introduction about rise of anthropology in India and knowledge about tribe, caste continuum and Janajati identity issues.

C.O.4. To boost the knowledge on Indian society.

C.O.5. To provide the concept of society, culture, civilization and discussed Indological, Anthropological and historical approaches to improve knowledge about process of socio-cultural change.

#### Syllabus

##### 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 purushartha, 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, Pseudo tribalism,

### **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.
2. Bernard C.S. (2000). *India: The Social Anthropology of Civilization*. Delhi: Oxford University Press.
3. Bhasin MK, Watter Hand 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 D.S. (1995). *Religion 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 B.S. (1931). *The racial attributes of people of India*. In: *Census of India, 1931, vol II, 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 Hierarchicus*. University of Chicago Press.
15. Guha B.S. (1931). *The racial attributes of people of India*. In: *Census of India, 1931, vol II, Part III (BPO, Simla)*

16. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

### Course Outcomes

C.O.1. The students enhance the basic knowledge about the Indian anthropology to the undergraduate students.

C.O.2. The students have the knowledge of society and culture and will be rendered the knowledge of various social and cultural norms and values of the society.

C.O.3. The students have the understanding on theoretical understanding to undergraduate students regarding origin, history and development of the Indian Anthropology.

C.O.4. The students increased the basic knowledge of social institutions and importance of culture.

C.O.5. The students understood the concept of social problems, like exploitation and deprivation.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. VI Semester**  
**AAUFLT14/ASUFLT14: Practical on Indian Anthropology**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUFLT14/ ASUFLT14	-	-	2	4hours	30	70	100	2

**Course Objectives**

- C.O.1. To give knowledge on basis of identification of various variables for racial classification.
- C.O.2. To transfer knowledge on the processes of review of research articles and edited books.
- C.O.3. To give a overall profile of religion, Janajati and rural population in India.
- C.O.4. To teach the basis of biological diversities of a population.
- C.O.5. The students will be appraised of the contribution of at least two Indian anthropologists.

**Syllabus**

- Unit. 1. Identify various traits/variables which can be used in racial classification and comment on its relevance.
- Unit-2. Review a book/edited volume on Indian social structures such as caste, religion, tribe or rural population and give its salient features.
- Unit 3. Explore the biological diversity of any population group considering a minimum of five genetic traits.
- Unit-4. Highlight the contributions of any two contemporary Indian anthropologists.

**Suggested readings:**

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 Hand 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). *Religion 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 II, 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 A.C. (1929). Races of man. Cambridge University, London.
11. Kapoor A.K. (1992). Genetic Diversity among Himalayan Human Populations. M/S Vino Publishers, Jammu
12. Majumdar D.N. (1901). Races and Culture of India. Asia Publishing House, Bombay
13. Dube S.C. (1992). Indian Society. National Book Trust, India: New Delhi.
14. Guha B.S. (1931). The racial attributes of people of India. In: Census of India, 1931, vol II, Part III (BPO, Simla)
15. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

### Course Outcomes

- CO.1. The students have the knowledge on the basis of identification of racial variables.
- C.O.2. The students have the skill of reviewing a book and journal based research articles.
- C.O.3. The students have the knowledge on the basic features of Indian society.
- C.O.4. Based on genetic traits the students able to look at the differences of Indian population.
- C.O.5. The students have the knowledge on the contributions of few Indian anthropologists.

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

### Semester AADSET3/ASDSET3: Tribal Culture

#### of india

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAADSET3/A SDSET3	3	1	-	4hours	30	70	100	4

#### Course Objectives:

- C.O.1. To teach the students on the concept of tribe and various naming.  
C.O.2. To appraise the continuity and change in tribal societies.  
C.O.3. To explain on the Classification of tribes based on their Race, Geography, Economy and Religion  
C.O.4. To inform the students on various Tribal movements. Types Causes and Consequences Problem of tribal development.  
C.O.5. To appraise the students on various Forest policies and tries, Migration and occupational shift. Tribal arts and aesthetic Displacement, rehabilitation and social change Globalization among Indian tribes.

**Unit-1** Concept of Tribes, General and specific characteristics of tribes, Tribes in India: Antiquity, Historical, Academic, administrative and anthropological importance. Distribution of Denotified tribes, and Vulnerable Tribal Groups.

**Unit-ii** Tribe caste continuum, , Constitutional safeguards.

**Unit III:** Classification of tribes based on their Race, Geography, Economy and Religion

**Unit IV** Tribal movements. Types Causes and Consequences Problem of tribal development.

**Unit V** Forest policies and tries, Migration and occupational shift. Tribal arts and aesthetic Displacement, rehabilitation and social change Globalization among Indian tribes.

#### Suggested Readings:

1. Behera, DK and Georg Pfeiffer Contemporary Society Tribal States, Volume I to VII New Delhi: Concept Publishing Company
2. Georg Pfeiffer Hunters Tribes and Peasants: Cultural Crisis and Comparison Bhubaneswar Niswas
3. Vidarthy, LP and Rai, Applied Anthropology in India.
4. Vidarthy LP and BN Sahay Applied Anthropology and Development in India.

#### Course Outcomes

- C.O.1. The students will know the concept of tribe and various naming.  
C.O.2. they are appraised the continuity and change in tribal societies.  
C.O.3. They have the knowledge on the Classification of tribes based on their Race, Geography, Economy and Religion  
C.O.4. They know on various Tribal movements. Types Causes and Consequences Problem of tribal development.  
C.O.5. They are aware of various Forest policies and tries, Migration and occupational shift. Tribal arts and aesthetic Displacement, rehabilitation and social change Globalization among Indian tribes.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

Weightage: 1-Slightly; 2-Moderately

**B.A./B.Sc. VI Semester**  
**AAASEL3/ASDSEL3: Practical On Tribal Culture of India**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAASEL3/A SDSEL3	-	-	2	4hours	30	70	100	2

**Course Objectives:**

- C.O.1. To teach the students on the concept of tribe and various naming.
- C.O.2. To appraise the continuity and change in tribal societies.
- C.O.3. To explain on the Classification of tribes based on their Race, Geography, Economy and Religion
- C.O.4. To inform the students on various Tribal movements. Types Causes and Consequences Problem of tribal development.
- C.O.5. To appraise the students on various Forest policies and tries, Migration and occupational shift. Tribal arts and aesthetic Displacement, rehabilitation and social change Globalization among Indian tribes.

**Syllabus**

**Unit I** Distribution of Indians Tribes PVTG 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, DK and Georg Pfeiffer Contemporary Society Tribal States, Volume I to VII New Delhi: Concept Publishing Company
2. Georg Pfeiffer Hunters Tribes and Peasants: Cultural Crisis and Comparison Bhubaneswar Niswas
3. Vidarrthy, LP and Rai, Applied Anthropology in India.
4. Vidarrthy LP and BN Sahay Applied Anthropology and Development in India.

**Course Outcomes**

- C.O.1. The students know the concept of tribe and various naming.
- C.O.2. They are appraised of the continuity and change in tribal societies.
- C.O.3. They have the knowledge on the Classification of tribes based on their Race, Geography, Economy and Religion
- C.O.4. They know on various Tribal movements. Types Causes and Consequences Problem of tribal development.
- C.O.5. They are aware of various Forest policies and tries, Migration and occupational shift. Tribal arts and aesthetic Displacement, rehabilitation and social change Globalization among Indian tribes.

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO	PSO
----	----	-----

	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

Weightage: 1-Sightly; 2-Moderately



**FIELD WORK  
DISSERTATION**

**B.A./B.Sc.VSemester**

**AAUETD1/ASUETD1:BiologicalDiversityin HumanPopulations**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUETD1/ OASUETD1</b>	3	1	-	4hours	30	70	100	4

**Course Objectives**

**Syllabus**

**Suggested readings:**

**Course Outcomes**

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.VSemester**  
**AAUELD1/ASUELD1:Practicalin**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUELD1/ ASUELD1	-	-	2	4hours	30	70	100	2

**Course Objectives**

**Syllabus**

**Suggested readings:**

**Course Outcomes**

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

## B.A./B.Sc.VSemester

### AAUETD2/ASUETD2:BiologicalDiversityin HumanPopulations

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUETD2/ ASUETD2	3	1	-	4hours	30	70	100	4

### Course Objectives

### Syllabus

### Suggested readings:

### Course Outcomes

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.VSemester**  
**AAUELD2/ASUELD2:Practicalin**

<b>SubCode</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Duration</b>	<b>IA</b>	<b>ESE</b>	<b>Total</b>	<b>Credits</b>
<b>AAUELD2/ ASUELD2</b>	-	-	2	4hours	30	70	100	2

**Course Objectives**

**Syllabus**

**Suggested readings:**

**Course Outcomes**

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

## B.A./B.Sc.VISemester

### AAUFTD3/ASUFTD3:????????????????????

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUFTD3/ ASUFTD3	3	1	-	4hours	30	70	100	4

### Course Objectives

### Syllabus

### Suggested readings:

### Course Outcomes

### Course Outcomes and their mapping with Programme Outcomes:

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

**B.A./B.Sc.VISemester**  
**AAUFLD3/ASUFLD3:????????????????**

<b>SubCode</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Duration</b>	<b>IA</b>	<b>ESE</b>	<b>Total</b>	<b>Credits</b>
<b>AAUFLD3/ ASUFLD3</b>	-	-	2	4hours	30	70	100	2

**Course Objectives**

**Syllabus**

**Suggested readings:**

**Course Outcomes**

**Course Outcomes and their mapping with Programme Outcomes:**

<b>CO</b>	<b>PO</b>												<b>PSO</b>		
	<b>PO 1</b>	<b>PO 2</b>	<b>PO 3</b>	<b>PO 4</b>	<b>PO 5</b>	<b>PO 6</b>	<b>PO 7</b>	<b>PO 8</b>	<b>PO 9</b>	<b>PO 10</b>	<b>PO 11</b>	<b>PO 12</b>	<b>PS O1</b>	<b>PS O2</b>	<b>PS O3</b>
<b>CO1</b>	3	2	2	1	1							3	3	3	3
<b>CO2</b>	3	2	3	2	1							3	3	3	3
<b>CO3</b>	3	3	3	3	2							3	3	3	2
<b>CO4</b>	3	3	3	3	3							3	3	3	2
<b>CO5</b>	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly

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

**Semester AAUFLF1/ASUFLF1:Fieldwork**

SubCode	L	T	P	Duration	IA	ESE	Total	Credits
AAUFLF1/ ASUFLF1	3	1	-	4hours	30	70	100	4

**Course Objectives**

**Syllabus**

**Suggested readings:**

**Course Outcomes**

**Course Outcomes and their mapping with Programme Outcomes:**

CO	PO												PSO		
	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O1	PS O2	PS O3
CO1	3	2	2	1	1							3	3	3	3
CO2	3	2	3	2	1							3	3	3	3
CO3	3	3	3	3	2							3	3	3	2
CO4	3	3	3	3	3							3	3	3	2
CO5	3	3	3	3	3							3	3	3	2

❖ Weightage: 1-Slightly; 2-Moderately; 3-Strongly