

<b>Department</b>	<b>:</b>	<b>Anthropology &amp; Tribal Development</b>
<b>Programme Name</b>	<b>:</b>	<b>B.A./ B.Sc.</b>
<b>Academic Year</b>	<b>:</b>	<b>2022-23</b>

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

Sr. No.	Course Code	Name of the Course
	<b>B.A/B.Sc.Ist</b>	
01.	LSAAU01TCE01/L SABU01TCE01	Introduction to Socio-cultural Anthropology
02.	LSAAU01LCE01/L SABU01LCE01	Practical in Socio-cultural Anthropology
03.	LSAAU01TCE02/L SABU01TCE02	Introduction to Biological Anthropology
04.	LSAAU01LCE02/L SABU01LCE02	Practical in Introduction to Biological Anthropology
05.	LSAAU01TGE01/ LSABU01TGE01	Basics of Biological Anthropology
6	LSAAU01LGE01/ LSABU01LGE01	Practical on Biological Anthropology
7	LSAAU01LSE01/L SABU01LSE01	Tourism Anthropology (SEC)
	AAUATA1/ASUA TA1	Demographic Anthropology (AEC)
	<b>B.A/B.Sc.IIInd</b>	
	LSAAU02TCE01/L SABU01TCE01	Introduction to Archaeological Anthropology
	LSAAU02LCE01/L SABU01LCE01	Practical on Archaeological Anthropology
	LSAAU02TCE02/L SABU01TCE02	Fundamental of Human Origin & evolution

LSAAU02LCE02/ LSABU01LCE02	Practical on Fundamental of Human Origin & evolution
LSAAU02TGE01/ LSABU01TGE01	Social Cultural Anthropology: A Theoretical Perspective
LSAAU02LGE01/ LSABU01LGE01	Practical on Social Cultural Anthropology: A Theoretical Perspective
AAUBTS2/ASUBT S2	Disaster Management (SEC)
<b>B.A/B.Sc.IIIrd</b>	
LSAAU03TCE01/ LSABU03TCE01	Tribes, Caste and Peasants:Indian Context
LSAAU03LCE01/ LSABU03LCE01	Practical in Tribes, Caste and Peasants: Indian Context
LSAAU03TCE02/ LSABU03TCE02	Human Ecology: Biological & Cultural dimensions
LSAAU03LCE02/ LSABU03LCE02	Practical in Human Ecology
LSAAU03TCE03/ LSABU03TCE03	Biological Diversity in Human Populations
LSAAU03LCE03/ LSABU03LCE03	Practical on Biological Diversity in Human Populations
LSAAU03TGE01/ LSABU03TGE01	Human Ecology: Biological & Cultural dimensions
LSAAU03LGE01/ LSABU03LGE01	Practical based on GE
LSAAU03TSE01/L SABU03TSE01	Museum Anthropology (SEC)
<b>B.A/B.Sc.IVth</b>	
LSAAU04TCE01/ LSABU04TCE01	Theories of Culture and Society
LSAAU04LCE01/ LSABU04LCE01	Practical on Culture and Society
LSAAU04TCE02/ LSABU04TCE02	Human Growth and Development

LSAAU04LCE02/ LSABU04LCE02	Practical on Human Growth and Development
LSAAU04TCE03/ LSABU04TCE03	Research Methods
LSAAU04LCE03/ LSABU04LCE03	Practical in Research Methods
LSAAU04TGE01/ LSABU04TGE01	Research Methodology
LSAAU04LGE01/ LSABU04LGE01	Practical Based on GE-4
LSAAU04TSE01/ LSABU04TSE01	Tourism Anthropology (SEC)
<b>B.A/B.Sc.Vth</b>	
LSAAU05TCE01/ LSABU05TCE01	Human Genetics
LSAAU05LCE01/ LSABU05LCE01	Practical on Human Genetics
LSAAU05TCE02/ LSABU05TCE02	Anthropology in Practice
LSAAU05LCE02/ LSABU05LCE02	Practical on Anthropology in Practice
AntDSE501T	Sports anthropology
AntDSE501L	Practical on Sports Anthropology
AntDSE503T	Anthropology of Religion, Politics and Economy
AntDSE503L	Practical on Anthropology of Religion, Politics and Economy
LSAAU05TEE04/L SABU05TEE04	Media Anthropology (AEC)
<b>B.A/B.Sc.VIth</b>	
LSAAU06TCE01/ LSABU06TCE01	Applied Biological Anthropology
LSAAU06LCE01/ LSABU06LCE01	Practical on Applied Biological Anthropology
LSAAU06TCE02/	Indian Anthropology

	LSABU06TCE02	
	LSAAU06LCE02/ LSABU06LCE02	Practical on Indian Anthropology
	LSAAU06TOE01/LS ABU06TOE01	Tribal Cultures of India
	LSABU06LOE01/ LSABU06LOE01	Practical on Tribal Culture of India
	LSABU06LCE03	Field-work or Project work

## Scheme and Syllabus

**SCHOOL OF STUDIES OF LIFE SCIENCES**

**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 ON SCHEME			CREDIT S		
				L	T	P	I A	ES E	SUB - TOT AL			
1		AAUAT T1/ASU ATT1	Introduction to  Socio- cultural Anthropolo gy	3	1	-	30	70	100	3		
2		AAUAT T2/ASU ATT2	Introduction to Biological Anthropology	3	1	-	30	70	100	3		
3		AAUATG 1/  ASUATG 1	Basics of Biological Anthropology (GE)	3	1	-	30	70	100	3		
4	AAUATA1/  ASUATA1		Demographic Anthropology  (AECC)			3	1	-	30	70	100	2

5	AAUAT S1/ASU ATS1	Statistical Package for social science Bio-social sciences (SEC)	2	-	-	30	70	100	2
TOTAL			14	4	-	150	350	500	16
Practical									
1	AAUAL T1/ASU ALT1	Practical in Social Anthropology	-	-	2	30	70	100	1
2	AAUAL T2/ASU ALT2	Practical in Biological Anthropology	-	-	2	30	70	100	1
3	AAUALG 1/ ASUALG 1	Practical on basics of Biological Anthropology	-	-	2	30	70	100	1
TOTAL			-	-	6	90	210	300	3
GRAND TOTAL			14	5	6	240	560	800	19

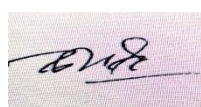
**Total Credits: 19**

**Total Contact Hours: 22**

**Total Marks: 700**

**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.**

 **HEAD**  
Dept. of Anthropology & Tribal Development  
Juru Ghasidas Vishwavidyalaya,  
Bilaspur C.G. - 495009

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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.	COUR SE NO.	SUBJECT	PERIO D			EVALUATIO N  SCHEME			CREDIT S
			L	T	P	I A	ES E	SUB- TOT AL	
1	AAUBT T3/ASU BTT3	Introduction to Archaeologi cal Anthropolog y	3	1	-	30	70	100	3
2	AAUBT T4/ASU BTT4	Fundamentals of Human Origin & Evolution	3	1	-	30	70	100	3
3	AAUBTG 2/ASUB TG2	Social Cultural Anthropolog y: Theoretical  Perspective (GE)	3	1	-	30	70	100	3
4	AAUBTA 2/  ASUBTA 2	Environmen tal Anthropolog y (AECC)	3	-	-	30	70	100	2

5	AAUBTS 2/  ASUBTS 2	Disaster Manageme nt (SEC)							2
TOTAL			1 2	3	-	12 0	28 0	400	13
<b>Practical</b>									
1	AAUBL T3/ASU BLT3	Practical on Archaeologi cal Anthropolog y	-	-	2	30	70	100	1
2	AAUBL T4/ASU BLT4	Practical on Human Origin & Evolution	-	-	2	30	70	100	1
3	AAUBLG 2/ASUB LG2	Practical on Social Cultural Anthropology : Theoretical  Perspective	-	-	2	30	70	100	1
TOTAL			-	-	6	90	21 0	300	3
GRAND TOTAL			1 2	3	6	24 0	49 0	700	16

Total Credits: 19

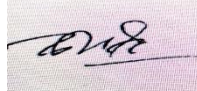
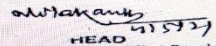
Total Contact Hours: 22

Total Marks: 700

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.


  
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 Bilaspur C.G. - 495009



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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-23)**  
**B.A./BSc. THREE YEAR**

**(SEMESTER-III)**

**Anthropology and Tribal Development**

S.N O.	COUR SE NO.	SUBJECT	PERIO D			EVALUATI ONSCH ME			CREDIT S
			L	T	P	I A	ES E	SUB - TOT AL	
1	AAUCT T5/ASU CTT5	Tribes, Caste and Peasants: Indian Context	3	1	-	30	70	100	3
2	AAUCTT 6/ ASUCTT 6	Human Ecology	3	1	-	30	70	100	3
3	AAUCT T7/ASU CTT7	Biologica l Diversity in Human Populatio ns	3	1	-	30	70	100	3

<b>4</b>	<b>AAUCT G3/ASU CTG3</b>	<b>Human Ecology: Biological &amp; Cultural dimensions (GE)</b>	<b>3</b>	<b>1</b>	<b>-</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>3</b>
<b>5</b>	<b>AAUCT A3/ASU CTA3</b>	<b>Museum Anthropology (SEC)</b>	<b>2</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>2</b>
<b>TOTAL</b>			<b>14</b>	<b>4</b>	<b>-</b>	<b>150</b>	<b>350</b>	<b>500</b>	<b>14</b>
<b>Practicals</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>18</b>

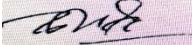
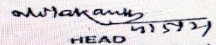
**Total Credits: 22**

**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.**

   
HEAD  
Dept. of Anthropology & Tribal Development  
Juru Ghasidas Vishwavidyalaya,  
Bilaspur C.G. - 495009

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**B.A./BSc. THREE YEAR (SEMESTER-IV)**

**Anthropology and Tribal Development**

S.N O.	COUR SE NO.	SUBJECT	PERIO D			EVALUATIO N  SCHEME			CREDIT S
			L	T	P	I A	ES E	SUB - TOT AL	
1	AAUDT T8/ASU DTT8	Theories of Culture and Society	3	1	-	30	70	100	3
2	AAUDT T9/ASU DTT9	Human Growth and Development	3	1	-	30	70	100	3
3	AAUDTT 10/ASUD TT10	Resear ch Metho ds	3	1	-	30	70	100	3
4	AAUDT G4/ASU DTG4	Research Methodolo gy (GE)	3	1	-	30	70	100	3
5	AAUDT A4/ASU DTA4	Tourism Anthropolo gy (SEC)	2	-	-	30	70	100	2
6	AAUDT A4/ASU DTA4	Disaster Manageme nt (AEC)	2	-	-	30	70	100	2
TOT AL			1 4	4	-	15 0	35 0	500	16

<b>Practical</b>									
<b>1</b>	<b>AAUDL T8/ASU DLT8</b>	<b>Practical on Culture and Society</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>2</b>	<b>AAUDL T9/ASU DLT9</b>	<b>Practical on Human Growth and Development</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>3</b>	<b>AAUDLT 10/ASUD LT10</b>	<b>Practical in Researc h Method s</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<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>TOT AL</b>			<b>-</b>	<b>-</b>	<b>8</b>	<b>12 0</b>	<b>28 0</b>	<b>400</b>	<b>4</b>
<b>GRAND TOTAL</b>			<b>1 4</b>	<b>4</b>	<b>8</b>	<b>27 0</b>	<b>63 0</b>	<b>900</b>	<b>20</b>

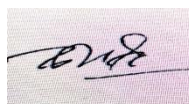
**Total Credits: 22**

**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.**


 Date: 15/5/22  
 HEAD  
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 Juru Ghasidas Vishwavidyalaya,  
 Bilaspur C.O. - 495008

**SCHOOL OF STUDIES OF LIVES CIENCES**  
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**CBCS-NEW, SYLLABUS PROPOSED (W.E.F. SESSION 2022-23)**  
**B.A./BSc. 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	Huma n Geneti cs	3	1	-	30	70	100	4
2	AAUETT 12/ASUE TT12	Anthropolo gy In Practice	3	1	-	30	70	100	4
3	AAUET D1/ASU ETD1	To be chosen from available  DSE papers* ( Anthropolog y of Religion, Politics and Economy)	3	1	-	30	70	100	4

<b>4</b>	<b>AAUET D2/ASU ETD2</b>	<b>To Be Chosen  From available DSE papers* (Sports Anthropolo gy)</b>	<b>3</b>	<b>-</b>	<b>-</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>4</b>
<b>TOTAL</b>			<b>12</b>	<b>3</b>	<b>-</b>	<b>120</b>	<b>280</b>	<b>400</b>	<b>16</b>
<b>Practical</b>									
<b>1</b>	<b>AAUET 11/ASUE LT11</b>	<b>Practical on Human Genetics</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>2</b>	<b>AAUET 12/ASUE LT12</b>	<b>Practical on Anthropo logy in Practice</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>3</b>	<b>AAUELD1/ ASUELD1</b>	<b>Practical based On DSE-1</b>	<b>-</b>	<b>-</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 based on DSE-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>8</b>	<b>120</b>	<b>280</b>	<b>400</b>	<b>4</b>
<b>GRAND TOTAL</b>	<b>12</b>	<b>3</b>	<b>8</b>	<b>240</b>	<b>560</b>	<b>800</b>	<b>20</b>

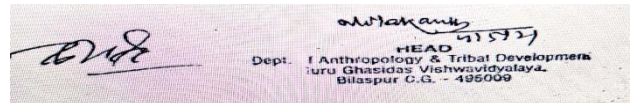
**Total Credits: 20**

**Total Contact Hours: 23**

**Total Marks: 800**

**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.**



Handwritten signature: *[Signature]*  
HEAD  
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Guru Ghasidas Vishwavidyalaya,  
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**B.A./BSc. THREE YEAR (SEMESTER-VI)**

**Anthropology and Tribal Development**

S.N O	COUR SEN O.	SUBJECT	PERIO D			EVALUATI ONSCH ME			CRED IT S
			L	T	P	I A	E S E	SUB - TO TA L	
1	AAUFTT 13  /ASUFT T13	Applied Biological Anthropol ogy	3	1	-	3 0	70	100	4
2	AAUFTT 14  /ASUFT T14	Indian Anthropolo gy	3	1	-	30	7 0	100	4
3	AAUFT D3/ASU FTD3	To be chosen from available DSE papers* ( Tribal Culture of India)	3	1	-	30	7 0	100	4
4	LSABU0 6LCE03	Field Work or Project Work followed by presentation/ Viva-voce etc.	3	-	-	30	7 0	100	6

		<b>TOTAL</b>	<b>1 2</b>	<b>3</b>	<b>-</b>	<b>12 0</b>	<b>2 8 0</b>	<b>400</b>	<b>18</b>
<b>Practical</b>									
<b>1</b>	<b>AAUFLT 13  /ASUFL T13</b>	<b>Practical on Applied  Biological Anthropol ogy</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>7 0</b>	<b>100</b>	<b>1</b>

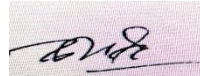
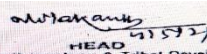
<b>2</b>	<b>AAUFLT 14  /  ASUFLT1 4</b>	<b>Practical on Indian  Anthropology</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
<b>3</b>	<b>AAUFL D3/ASU FLD3</b>	<b>Practical basedonD SE-3</b>	<b>-</b>	<b>-</b>	<b>2</b>	<b>30</b>	<b>70</b>	<b>100</b>	<b>1</b>
		<b>TOTAL</b>	<b>-</b>	<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\*=Summer Internship

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**ESE: END SEMESTER EXAMINATION \* INTERNAL ASSESSMENT- Two Class**

Test of 15 Marks each will be conducted.

   
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**(A CENTRAL UNIVERSITY)**  
**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 skillful group of students with different specializations 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 identify in and applying appropriate anthropological principles and methodologies to solve a wide range of problems associated with human society.

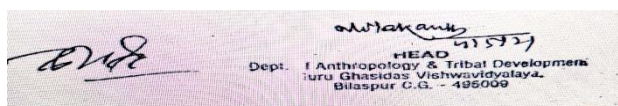
PO5: All the stakeholders including the students will recognize the importance of qualitative as well as quantitative data and approaches/ methods in comprehending the human society.

PO6: Students will plan and execute Anthropology- related experiments or field investigations, analyses 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;



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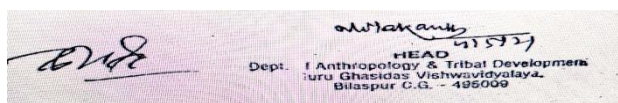
PO10: Students will be equipped with communication skills involving the ability to listen carefully, to read text and research papers analytically and to present complex information in a concise manner to different groups/audiences;

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 behavior such as:
  - (i) being objective, unbiased and truthful in all aspects of work and avoiding unethical behavior such as fabricating, falsifying or misrepresenting data or to committing plagiarism;
  - (ii) 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.



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**B.A./B.Sc. I<sup>st</sup> Semester**  
**AAUATT1/ASUATT1: Introduction to Social-Cultural Anthropology**  
**(CORE-1)**

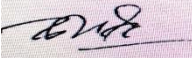
Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUATT1/ ASUATT1	3	1	-	4 hours	30	70	100	4

**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.


  
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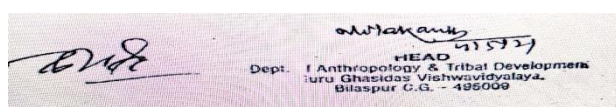
**Unit V:** Economic Organization: Concept and scope, characteristics of primitive and peasant economy; Religion, Magic and Science: Concept and meaning of primitive religion: Animism & Animatism, Manaism, Magic – Types, Sorcery, Witchcraft, Shamanism, Taboo; Political Organization: Types – Band, tribe, chiefdom, state.

### **Suggested Readings**

1. Davis, Kingsley. (1949). Human Society. New York: Macmillan Co.
2. Metcalf, Peter. (2005). Anthropology: the Basics. Abingdon [England]: Routledge.
3. Barnard, Alan. (2000). History and Theory in Anthropology. Cambridge, U.K.: Cambridge University Press.
4. Nadel, S.F. (1951). The Foundations of Social Anthropology. Glencoe, III: Free Press.
5. Harris, C. C. (1990). Kinship Concepts in Social Thought. Minneapolis: University of Minnesota Press.
6. Levi-Strauss, Claude. (1969). The elementary structures of kinship. Boston: Beacon Press.
7. Goody, Jack, and Meyer Fortes. (1973). The Character of kinship. Cambridge [Eng.]: University Press.
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.

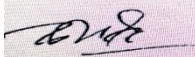
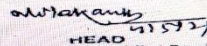


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### Course Outcomes and their mapping with Programme Outcomes:

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

   
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**B.A./B.Sc. I<sup>st</sup> Semester**  
**AAUATT2/ASUATT2: Introduction to Biological Anthropology**  
**(CORE-II)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUATT2/ ASUATT2</b>	3	1	-	4 hours	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.

**Syllabus Contents**

**Unit I:** Meaning and scope of anthropology, branches of anthropology; History and subject matter of physical/ biological Anthropology; Relationship of physical/biological anthropology with other disciplines: medical and health sciences, life sciences, earth sciences, and environmental sciences.

**Unit II:** Fundamentals of physical/biological anthropology: a. Human Evolution; b. Human Variation; c. Human Genetics; d. Human Growth and Development

**Unit III:** Theories of organic evolution (Lamarckian, Darwinian, and Synthetic).

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

**Unit V:** Concept of race, genetic basis of race, UNESCO Statement on Race; ethnic group, racial classification of human populations (H.H Risley and B.S Guha's classification)

## Suggested Readings:

1. Craig Stanford, John S. Allen and Susan C. Anton (2008). Biological Anthropology (2 nd 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, Mc Graw Hill.
- 7P.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, Mac Millan.
- 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

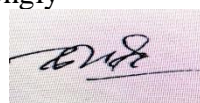
### The students will be able to

- 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

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**B.A./B.Sc. I<sup>st</sup> Semester (General Elective 1)**  
**AAUATG1/ASUATG1: Basics of Biological Anthropology**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUATG1/ ASUATG1</b>	3	1	-	4 hours	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**

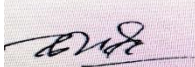
**UNIT-I:** Basic Concepts; Scope, Development of Biological Anthropology

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

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

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

  
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## Suggested Reading

1. Craig Stanford, John S. Allen and Susan C. Anton (2008) Biological Anthropology (2<sup>nd</sup> 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, Mc Graw 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, Mac Millan.
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.

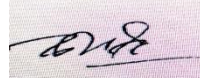
## Course Outcomes

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

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**B.A./B.Sc. I<sup>st</sup> Semester**  
**AAUATA1/ASUATA1: Demographic Anthropology**  
**(Ability Enhancement Compulsory Course- AECC 1)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUATA1/ ASUATA1</b>	3	1	-	4 hours	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.

**Syllabus Contents**

**Unit I: Demographic Anthropology**

1. Introduction, definition and basic concepts
2. Relationship between demography, population studies and anthropology

**Unit II: Population Theories**

1. John Graunt; 2. Thomas R. Malthus; 3. Biological theory of population

**Unit III: Tools of Demographic Data:**

Measures of population composition, distribution and growth

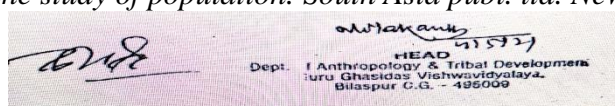
**Unit IV: Population of India: Sources of demographic data in India**

**Unit V: National policies**

**Suggested Readings**

1. Bhende A. and Kaniikar, T. (2006) *Principles of Population Studies*. Himalaya Publishing House. Mumbai (All Units, It covers most topics)
2. Caldwell J.C. (2006). *Demographic Transition Theory*. Springer.
3. Census of India (2001,2011), SRS bulletin (2013), NFHS (2006), CRS, NSSO (Can be seen from brows in gnet)
4. Gautam R.K., Kshatriya, G.K. and Kapoor A.K. (2010) *Population Ecology and Family Planning*. Serials publications. New Delhi.
5. Howell N. (1986) Demographic Anthropology. Ann. Rev. Anthropol. 15:219-246
6. Kshatriya G.K.(2000).Ecology and health with special reference to Indian tribes. *Human Ecology special volume 9*:229-245.
7. Kshatriya G.K., Rajesh, G. and Kapoor, A.K. (2010) Population Characteristics of Desert Ecology. VDMVerlag Dr. Muller Gmbh and Co., Germany.
8. Misra BD (1982). *An introduction to the study of population*. South Asia publ. ltd. New

Delhi.



9. National Population Policy <http://populationcommission.nic.in/npp.htm>
10. Park K. (2000) *Text book of Preventive and Social Medicine*. Banarsi das Bhanot, Jabalpur.
11. Patra P.K. and Kapoor, A.K. (2009) *Demography And Development Dynamics in a Primitive Tribe of Himalayas*. International Book Distributors, Dehradun
12. Riley N.E. and Mc Carthy, J. (2003) *Demography in the Age of the Postmodern*. Cambridge University press.UK. Pages1-13 and 32-98

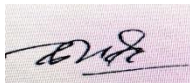
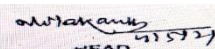
### Course Outcomes

- 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
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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

   
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**B.A./B.Sc. I<sup>st</sup> Semester**  
**AAUATS1/ ASUATS1: Statistical package for social science in Bio-social sciences**  
**(SEC 1)**

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

**Course Objectives**

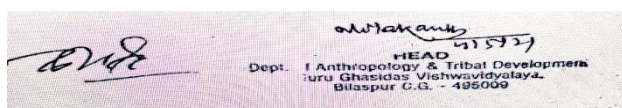
- C.O.1. The course is designed to provide the basic concept of SPSS software.
- C.O.2. To study the types of variables, data presentation & summarization.
- C.O.3. To understand descriptive statistics & solving statistical problems.
- C.O.4. The students will learn about major theories of population.
- 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 analyzing using SPSS. SAGE Response, New Delhi, India, 2009.



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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
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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**  
**AAUALT1/ASUALT1: Practical in Social Anthropology**  
**(CORE-1)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUALT1/ ASUALT1</b>	-	-	2	4 hours	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.

**Syllabus Contents**

Techniques and methods in collection of data in Social Anthropology

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

**Suggested Readings:**

1. Bernard H.R. (1940). Research Methods in Cultural Anthropology. Newbury Park: Sage Publications.
2. Karen O' Reilly. (2012). 'Practical Issues in Interviewing', Ethnographic Methods. Abingdon: Routledge.
3. Goode and Hatt (1952). Methods in Social Research, Mac- Graw Hill
3. O'reilly K. (2012). Ethnographic Methods. Abingdon: Routledge.

4. Royal Anthropological Institute of Great Britain and Ireland (1971). Methods', In Notes and Queries on Anthropology. London: Routledge & Kegan Paul Ltd.

### 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.

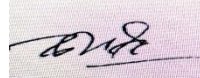
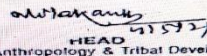
C.O.4. The students will have the knowledge of applying the observation and interview techniques.

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

### 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

   
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**B.A./B.Sc. I<sup>st</sup> Semester**  
**AAUALT2/ASUALT2: Practical in Biological Anthropology**  
**(CORE-II)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUALT2/ ASUALT2</b>	-	-	2	4 hours	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. Maximum head length
2. Physiognomic facial height
3. Maximum head breadth
4. Morphological facial height
5. Minimum frontal breadth
6. Physiognomic upper facial height
7. Maximum bizygomatic breadth
8. Morphological upper facial height
9. Bigonial breadth
10. Head circumference
11. Nasal height
12. Stature
13. Nasal length
14. Sitting height
15. Nasal breadth
16. Body weight

## Somatoscopy

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

## Suggested Readings

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

## 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: Practical in Basics of Biological Anthropology**  
(GE- 1)

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUALG1/ ASUALG1</b>	-	-	2	4 hours	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. Maximum head length
2. Physiognomic facial height
3. Maximum head breadth
4. Morphological facial height
5. Minimum frontal breadth
6. Physiognomic upper facial height
7. Maximum bizygomatic breadth
8. Morphological upper facial height
9. Bigonial breadth
10. Head circumference
11. Nasal height
12. Stature
13. Nasal length
14. Sitting height
15. Nasal breadth
16. Body weight

**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).

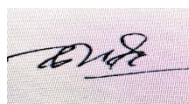
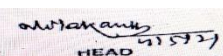
### Course Outcomes

- 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

   
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**B.A./B.Sc. II<sup>nd</sup> Semester**  
**AAUBTT3/ASUBTT3: Introduction to Archaeological Anthropology**  
**(CORE-III)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTT3/ ASUBTT3</b>	3	1	-	4 hours	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 Inter Pluviation 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:

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

#### Suggested Readings

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

#### Course outcome

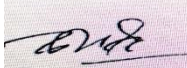
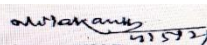
- C.O.1. This subject will be ensured and stimulated the basic understanding of archaeological anthropology
- C.O. Will also make aware about the academic prospective of this subject.
- C.O.3. The subject will boost the knowledge of the present and past culture
- C.O.4. Help to understand human being and about the civilization.
- C.O.5. Help to get insight of evolution of archaeological things word wide.

#### 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


  
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**B.A./B.Sc. II<sup>nd</sup> Semester**  
**AAUBLT3/ASUBLT3: Practical in Archaeological Anthropology**  
**(CORE-III)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBLT3/ ASUBLT3</b>	-	-	2	4 hours	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.

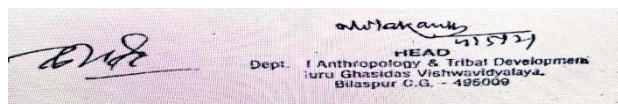
**Syllabus Contents**

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

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

**Suggested Readings**

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



### 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.

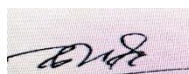
C.O.4. This paper is basically designed for the under graduate students, they will be taught various techniques of tool manufacturing and

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-Sightly; 2-Moderately; 3-Strongly

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

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTT4/ ASUBTT4</b>	3	1	-	4 hours	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**

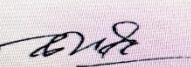
Unit I: Primate Evolution; Parapithecus, Ramapithecus, Dryopithecus, Sivapithecus and their distribution, features with their phylogenetic relationships

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

  
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## **Suggested Readings**

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

## **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-Sightly; 2-Moderately; 3-Strongly

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

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

**(CORE- IV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBLT4/ ASUBLT4</b>	-	-	2	4 hours	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 (Alsoin 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-Sightly; 2-Moderately; 3-Strongly

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

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

#### **(GE-II)**

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

#### **Course Objectives:**

C.O.1.To provide basic concept 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**

**(GE II)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUBLT4/ ASUBLT4	-	-	2	4 hours	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 Hous

### 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- II)**

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. *Encyclopedia 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 organizations

**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**

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

#### **(CORE –V)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUCTT5/ ASUCTT5</b>	3	1	-	4 hours	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 safe guards 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 of 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 organization.

#### **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 system of Indian.

C.O.2. This paper will be strengthening 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-Sightly; 2-Moderately; 3-Strongly

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

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

**(CORE- V)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT5/ ASUCLT5	-	-	2	4 hours	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 the or ethical scheme of field work 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 concept used in the text.

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

**Suggested Reading**

1. Walker A. (1986). *The Todas*. Delhi: Hindustan Publishing Corporation
2. Elwin, Verrier (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**  
**(CORE VI)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUCTT 6/ASUCT T6</b>	3	1	-	4 hours	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 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 Irvén De Vore. 1969. Man the hunter. 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 urbanization and industrialization on 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-Sightly; 2-Moderately; 3-Strongly

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

**AAUCLT6/ASUCLT6: Practical in Human Ecology**

**(CORE VI)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT 6/ASUCL T6	-	-	2	4 hours	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                      | 5.Total Lower Extremity Length |
| 2. Sitting Height               | 6.Nasal Breadth                |
| 3. Body Weight                  | 7. Nasal Height                |
| 4. Total Upper Extremity Length |                                |

*Size and Shape Indices*

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

**Cultural Dimensions**

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

### **Suggested Reading**

1. Human ecology: bio-cultural adaptation in human communities. (2006) Schutkowski, H. Berlin. Springer Verlag.
2. Human ecology and cognitive style: comparative studies in cultural and physical adaptation. (1976). Berry, J.B. New York: John Wiley.

3. Human ecology. (1964) Stapledon. Faber & Faber.
4. Studies in Human Ecology. (1961) Theodorson, G.A. Row, Peterson & Company Elmsford, New York.
5. Human ecology: (1973) Problems and Solutions. Paul R. Ehrlich, Anne H. Ehrlich and John P. Holdress. W. H. Freeman & Company, San Francisco.
6. Cohen, Yehudi A. 1968. Man in adaptation; the cultural present. Chicago: Aldine Pub. Co.
7. Redfield, Robert. (1965). Peasant society and culture an anthropological approach to civilization. Chicago [u.a.]: Univ. of Chicago Press.
8. Symposium on Man the Hunter, Richard B. Lee, and Irven De Vore. 1969. Manthehunter. Chicago: Aldine Pub. 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**  
**(CORE VII)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUCTT 7/ASUCT T7</b>	3	1	-	4 hours	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:** Acritical 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*. 2<sup>nd</sup> 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*. Mc Grand 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 Lynnkilgore 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*. 3<sup>rd</sup> 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-Sightly; 2-Moderately; 3-Strongly

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

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT 7/ASUCL T7	-	-	2	4 hours	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-Rhsera) blood groups of ten subjects.
4. Analysis and interpretation of fingerball 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*. 2<sup>nd</sup> 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*. Mc Grand 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 Lynnkilgore 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*. 3<sup>rd</sup> 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**

**AAUETD1/ASUETD1: Biological Diversity in Human Populations**

**(CORE-**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUETD 1/0ASUE TD1</b>	3	1	-	4 hours	30	70	100	4

**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. Evolution of Human diet, biological perspectives of ageing process among different populations.

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

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

**Unit V:** Genetic diversity among Indian Population.

**Suggested readings:**

1. Baker P.T. and J.S. Weiner (ed.) (1996) *The Biology of Human Adaptability*. Oxford &

New York, Oxford University Press.

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

## Course Outcomes

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

CO	PO	PSO
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	PO 1	P O 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**  
**AAUELD1/ASUELD1: Practical in Biological Diversity in**  
**Human Populations**

(CORE-

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

**Syllabus**

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

**Suggested readings:**

1. Baker P.T. and J.S. Weiner (ed.) (1996) *The Biology of Human Adaptability*. Oxford & New York, Oxford University Press.
2. Bhende A. and T. Kantikar (2006) *Principles of Population Studies*. Himalayan Publishing House, Mumbai
3. Bogin B. (1999). *Pattern of Human Growth*. 2nd edition CUP.
4. Cameron Noel and Barry Bogin (2012) *Human Growth and development*. Second edition, Academic Press Elsevier.
5. Eckhardt R.B.(1979) *The Study of Human Evolution*. McGrand Hill Book Company,

USA.

6. Frisancho R. (1993) *Human Adaptation and Accommodation*. University of Michigan press
7. Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) *Human Biology*. Oxford University Press.
8. Jurmain Robert Lynn kilgore Wenda Trevathan and Ciochon (2010). *Introduction to Physical Anthropology*. Wadsworth Publishing, USA.
9. Kapoor A.K. and Satwanti Kapoor (ed) (1995). *Biology of Highlanders*. Jammu, Vinod Publisher & Distributor.
10. Kapoor A.K. and Satwanti Kapoor (eds) (2004) *India's Elderly-A Multidisciplinary Dimension*. Mittal Publication, New Delhi.
11. Klepinger L.L. (2006). *Fundamentals of Forensic Anthropology*. John 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 Outcome

### 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**  
**(GE- III)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTG2/ ASUBTG2</b>	3	1	-	4 hours	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 De Vore. 1969. Manthehunter. 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-Sightly; 2-Moderately; 3-Strongly

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

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUCLG 3/ASUCL G3</b>	-	-	2	4 hours	30	70	100	2

**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 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 Dimensions of Adaptation:

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

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

**Unit-4:** Cultural dimensions 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 Irvén De Vore. 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-Sightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. III Semester**  
**AAUCTS3/ ASUCTS3: Museum Anthropology**  
**(SEC III)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUBTG2/ ASUBTG2</b>	3	1	-	4 hours	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 Museums.
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-Sightly; 2-Moderately; 3-Strongly

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

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

#### **(CORE VIII)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTT8/ ASUDTT8</b>	3	1	-	4 hours	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 field work 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. Mc Gee 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 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.

**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-Sightly; 2-Moderately; 3-Strongly

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

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT7/ ASUCLT7	-	-	2	4 hours	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 employs 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**

**(CORE IX)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTT9/ ASUDTT9</b>	3	1	-	4 hours	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 task 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 influence 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**

**(CORE IX)**

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

**Couse 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, bodyweight, 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 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	3	3	3	3	3							3	3	3	2

5															
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☐ Weightage: 1-Sightly; 2-Moderately; 3-Strongly

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

**AAUDTT10/ASUDTT10: Research Methods**

**(CORE X)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTT10/ASUDTT10</b>	3	1	-	4 hours	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*. Alta Mira Press. 2011.
5. Emerson RM, Fretz RI and Shaw L. *Writing Ethnographic Field notes*. 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-Sightly; 2-Moderately; 3-Strongly

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

**AAUDLT10/ASUDLT10: Practical in Research Methods**

**(CORE X)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUDLT10/ASUDLT10	-	-	2	4 hours	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, Focused 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 PJ and Pelto GH. 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-Sightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. IV Semester**  
**AAUDTG4/ASUDTG4: Research Methodology**  
**(GE- IV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTG 4/ASUDT G4</b>	3	1	-	4 hours	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 cosset 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, Pedigree Analysis

**Suggested Reading**

1. Garrard E and Dawson A. What is the role of the research ethics committee?

- Paternalism, inducements, and harm in research ethics. *Journal of Medical Ethics* 2005; 31:419-23.
2. Bernard H.R. *Research Methods in Anthropology, Qualitative and Quantitative Approaches*. Jaipur: Rawat Publications. 2006.
  3. Madrigal L. *Statistics for Anthropology*. Cambridge: Cambridge University Press. 2012. Zar JH. *Biostatistical Analysis*. Prentice Hall. 2010.
  4. Bernard R. *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Alta Mira Press. 2011.
  5. Emerson RM, Fretz R I and Shaw L. *Writing Ethnographic Field notes*. 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. Peltó PJ and Peltó 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: prepare 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 Research Methodology**  
**(GE IV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUDLG4/A SUDLG4	-	-	2	4 hours	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 Field notes. 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-Sightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. IV Semester**  
**AAUDTS4/ASUDTS4: Tourism anthropology**  
**(SEC IV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTG 4/ASUDT G4</b>	3	1	-	4 hours	30	70	100	4

**Objectives:**

- C.O.1. To provide knowledge briefly on the basic concept of Anthropology of Tourism.
- C.O.2. Students will be taught on the purposes of tourism and tourism regulations of India.
- C.O.3. Students will be taught about the tourism services and operations and their importance in tourism prospects.
- C.O.4. Students will be provided knowledge on various Tourism Policies and their implications on tourism development,
- C.O.5. To appraise the students on the tourism prospects 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, Ethnic- tourism/ tribal 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 have an idea about the concept and meaning of tourism. .

P.O.2. They understand the purposes of tourism and tourism regulations of India.

P.O.3. Students have the understanding of the Tourism Services and their Operation.

P.O.4. Students are acquainted with various Tourism Policy and development,

P.O.5. They 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	PO1 2	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**  
**(AEC III)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUDTA 4/ASUDT A4</b>	3	1	-	4 hours	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 apprised 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 organizations.

### **Syllabus Contents**

**Unit. 1.** Basics of Disasters: Introduction to the Anthropology of Disasters Hazard, Risk, Vulnerability, Disaster Management, Meaning, Nature and 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
- Other diseases 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 organizations in Evacuation, Relief, Rehabilitation and Resettlement and other activities. 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: Pergamon 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 Costs*. Surat: Centre for Social Studies.
9. Ghosh, G. K. 2011. *Disaster Management*. New Delhi: A.P.H. Publishing Corporation
11. Goel S.L., 2006. *Encyclopedia of Disaster Management*. New Delhi: Deep and Deep 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 have a clear understanding on the concept and meaning of Disaster Management.

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

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

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

C.O.5. The students 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. V Semester**

#### **AAUETT11/ASUETT11: Human Genetics**

#### **(CORE XI)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUETT11/ASUETT11</b>	3	1	-	4 hours	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, chromosome mapping, genetic imprinting, Epistasis, pleiotrophy.
4. To help students 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 chromosome mapping, genetic imprinting. Epistasis, Pleiotrophy.
Unit IV	Modes of inheritance: Mendels Law, Autosomal (dominant, recessive, codominance), sex linked, sex influenced, sex limited, modifying genes, suppressor genes, selfish gene,
Unit V	Multiple allelic inheritance, multifactorial inheritance (stature and skin Colour).

### Suggested readings:

1. Brooker R.J. (2012). Genetics: analysis & principles. The Mc Graw-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 DN and Kehrer-Sawatzki H. (2008). Handbook of Human Molecular Evolution. John Wiley & Sons, volume-2.
4. Crawford MH (2007). *Anthropological Genetics Theory, Methods and Applications*. Cambridge University Press
5. Cummings M.R. (2011). Human Heredity: Principles and Issues. Ninth Edition. Brooks/ Cole, Cengage Learning
6. Jobling, M.A. Hurlb 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 Health care*. 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-Sightly; 2-Moderately; 3-Strongly

**B.A./B.Sc. V Semester**  
**AAUCLT11/ASUCLT11:PracticalonHumanGenetics**  
**(CORE XI)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUCLT11 / ASUCLT11	-	-	2	4 hours	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**

Unit I: Blood group typing-A1, A2, B, O, MN and Rh (D) blood groups

Unit II: Color Blindness

Unit III: Glucose-6-phosphate dehydrogenase deficiency (G6PD)

Unit IV: PTC tasting ability

Unit V: Biochemical markers- DNA isolation and polymerase chain reaction (PCR)

**Suggested Readings**

1. Brooker R.J. (2012). Genetics: analysis & principles. The McGraw-Hill Companies, Inc 4<sup>th</sup> ed.
2. Cavalli-Sforza, L.L. and Bodmer, W.F (1971). The Genetics of Human Population. San Francisco: Free man
3. Cooper DN and Kehrler-Sawatzki H. (2008). Handbook of Human Molecular Evolution. John Wiley & Sons, volume-2.
4. Crawford MH (2007). *Anthropological Genetics Theory, Methods and Applications*. Cambridge University Press
5. Cummings M.R. (2011). Human Heredity: Principles and Issues. Ninth Edition. Brooks/Cole, Cengage Learning
6. Jobling, M.A. Hurler M. and Tyler-Smith C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. GS. NY
7. Lewis R. (2009). *Human Genetics: Concepts and Applications* 9<sup>th</sup> Edition. The McGraw-Hill Companies, Inc.

8. Patch C. (2005). *Applied Genetics in Health care*. 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 Outcomes:**

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

#### **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**  
**AAUETT12/ASUETT12: Anthropology in Practice**  
**(CORE XII)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUETT12/ASUETT12</b>	3	1	-	4 hours	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 utilise 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. 329pp. 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. 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 Practise, Boston, MA: Allyn and Bacon.

7. Erwin A. (2004). Applied Anthropology Tools and Practice, Allyn and Bacon.
8. Gupta S and Kapoor AK. (2009). Human Rights among Indian Populations: Knowledge, Awareness and Practice. Gyan Publishing House, New Delhi.
9. Willen SS. (2012). Anthropology and Human Rights: Theoretical Reconsiderations and Phenomenological Explorations. *Journal of Human Rights*. 11:150–159.
10. Goodale M. (2009). *Human Rights: An Anthropological Reader*. Wiley Blackwell.
11. Gupta S and Kapoor AK. (2007). Human Rights, Development and Tribe. In: Genes, Environment and Health—Anthropological Perspectives. K. Sharma, R.K. Pathak, S. Mehra and Talwar I (eds.). Serials Publications, New Delhi.
12. Margaret AG. (2003). Applied Anthropology: A Career-Oriented Approach, Boston, MA: Allyn and Bacon.
13. Halbar BG and Khan CGH. (1991). Relevance of Anthropology—The Indian Scenario. Rawat Publications, Jaipur.
14. Kapoor AK (1998). Role of NGO's in Human Development: A Domain of Anthropology. *J Ind Anthropol Soc*; 33:283-300.
15. Kapoor AK and Singh D (1997). Rural Development through NGO's. Rawat publications, Jaipur.
16. Klepinger LL (2006). Fundamentals of Forensic Anthropology. Wiley-Liss Publications
17. Kumar RK and Kapoor AK. (2009). Management of a Primitive Tribe: Role of Development Dynamics. Academic Excellence, Delhi.
18. Mehrotra N and Patnaik SM. (2008). Culture versus Coercion: The Other Side of Nirmal Gram Yojna, Economic and Political weekly. pp25-27.
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 Reinner.
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 BN Sahay (2001). Applied Anthropology and Development in India, National Publishing House, New Delhi.
25. Vidyarthi LP. (1990). Applied Anthropology in India—Principles, Problems and Case Studies. Kitab Mahal, U.P.
26. Vidyarthi V (1981). Tribal Development and its Administration. Concept Publishing Company, New Delhi.

### **Course Outcome:**

Students will be able to:

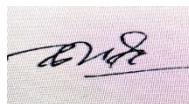
1. Apply the anthropological knowledge to resolve day to day life problems of humans in different ecological setup.
2. Student can apply their knowledge in different projects and NGOs
3. Able to understand Constitutional provisions and Human Rights and apply that

4. They will be able to explore them in tourism and visual anthropology.
5. They will apply bio-social elements of human development.

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


  
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**B.A./B.Sc. V Semester**  
**AAUEL12/ASUEL12: Practical on Anthropology in Practice**  
**(CORE XII)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUEL12/ ASUEL12	-	-	2	4 hours	30	70	100	2

**Course Objectives:**

**Objective of the courses to make Students will able:**

1. Students will learn to develop rapport establishment practically in nearby village.
2. Students will learn how to prepare report based on primary data
3. To develop the understanding how to prepare project proposal
4. To develop basic idea of demographic study proposal
5. Students will learn how to prepare report based on secondary data

**Syllabus**

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

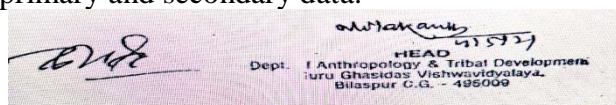
**Suggested Readings**

7. Arya A and Kapoor A K. (2012). Gender and Health Management in Afro-Indian Global Vision Publishing House, New Delhi.
8. Kertzer DI and Fricke T. (1997). Anthropological Demography. University of Chicago Press.
9. Basu, A. and P. Aaby (1998). The Methods and the Uses of Anthropological Demography. 329pp. Oxford, Clarendon Press
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11. Census of India (2001, 2011) and National Family Health Survey (2006, 2010).
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23. Goodale M. (2009). Human Rights: An Anthropological Reader. Wiley Blackwell.
24. Gupta S and Kapoor AK. (2007). Human Rights, Development and Tribe. In: Genes, Environment and Health–Anthropological Perspectives. K. Sharma, R.K. Pathak, S. Mehra and Talwar I (eds.). Serials Publications, New Delhi.
25. Margaret AG. (2003). Applied Anthropology: A Career-Oriented Approach, Boston, MA: Allyn and Bacon.
26. Halbar BG and Khan CGH. (1991). Relevance of Anthropology–The Indian Scenario. Rawat Publications, Jaipur.
27. Kapoor AK (1998). Role of NGO's in Human Development: A Domain of Anthropology. J Ind Anthropol Soc; 33:283-300.
28. Kapoor AK and Singh D (1997). Rural Development through NGO's. Rawat publications, Jaipur.
29. Klepinger LL (2006). Fundamentals of Forensic Anthropology. Wiley-Liss Publications
30. Kumar RK and Kapoor AK. (2009). Management of a Primitive Tribe: Role of Development Dynamics. Academic Excellence, Delhi.
31. Mehrotra N and Patnaik SM. (2008). Culture versus Coercion: The Other Side of Nirmal Gram Yojna, Economic and Political weekly. pp25-27.
32. Mishra RC (2005). Human Rights in a Developing Society, Mittal Publications, Delhi.
20. Noaln RW. (2002). Anthropology in Practice: Building a Career outside the Academy. Publishing Lynne Reinner.
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28. Patnaik SM (2007). Anthropology of Tourism: Insights from Nagaland. The Eastern Anthropologist. 60(3&4):455-470
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30. Vidyarthi LP and BN Sahay (2001). Applied Anthropology and Development in India, National Publishing House, New Delhi.
31. Vidyarthi LP. (1990). Applied Anthropology in India–Principles, Problems and Case Studies .Kitab Mahal, U.P.
32. 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.

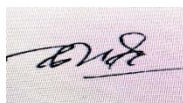




### Course Outcomes and their mapping with Programme Outcomes:

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-Sightly; 2-Moderately; 3-Strongly

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

**AADSET1/ASDSET1: Anthropology of religion politics and economics**

**(CORE XIII)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AADSET1/ ASDSET1</b>	3	1	-	4hours	30	70	100	4

**Course Objectives:**

Objective of the courses to make Students able:

1. To summarize and analyze the concepts of Religion
2. To introduce the concept of economy and economic institutions.
3. To develop the understanding of various forms of economy
4. To develop basic idea of political institutions in different societies.
5. To Understand the interrelationship between religion, politics and economy in various societies

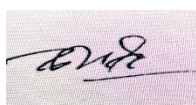
**Unit I: Anthropological approach to the study of religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics; Overview of Anthropological Theories of Religion.**

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

**Unit III: Various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative.**

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

**Unit V: Interrelationship between religion, politics and economy; caste in Indian Politics.**

  
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### **Suggested Readings:**

1. Durkheim E. (1986). *The elementary forms of the religious life, a study in religious sociology*. New York: Macmillan
2. Benedict A. (2006). *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. Verso
3. Gledhill J. (2000). *Power and Its Disguises: Anthropological Perspectives on Politics*. 2nd ed. London: Pluto Press.
4. Ellis F. (2000). *A framework for livelihood analysis*. In *Rural Livelihoods and Diversity in Developing Countries*. Oxford: Oxford University Press.
5. Henrich J, Boyd R, Bowles S, Camerer C, Fehr E, Gintis H, McElreath R, Alvard M et al. (2005). 'Economic Man' in cross-cultural perspective: Behavioral experiments in 15 small-scale societies. *Behavior and Brain Science*. 28(6):795-815;
6. Henrich J. (2002). *Decision-making, cultural transmission, and adaptation in economic anthropology*. In: J. Ensminger (Ed.), *Theory in Economic Anthropology* (pp 251-295) Walnut Creek, CA Altamira Pres
7. Lambek M. (2008) *A Reader in the Anthropology of Religion*
8. Eller JD. (2007). *Introducing Anthropology of Religion* New York: Routledge.
9. Glazier SD. (1997) *Anthropology of Religion A Handbook*. Westport, CT: Greenwood Press
10. Frick GD and Langer R. (2010). *Transfer and Spaces*. Harrassowitz (Germany).
11. Evans-Pritchard EE. (1937), *Witchcraft, Oracles and Magic among the Azande*. Oxford: Clarendon Press
12. Frazer JG. (1978). *The Illustrated Golden Bough*, London: Macmillan.
13. Barbara M. (2011) *Cultural Anthropology*. New Jersey: Pearson Education. 14. Ember CR. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
15. Herskovits MJ. (1952). *Economic Anthropology: A Study in Comparative Economics*. New York: Alfred A Knopf Inc.
16. Malinowski B. (1922) *Argonauts of the Western Pacific*. London: Routledge.
17. Polanyi K. et al (1957), *Trade and Market in the Early Empires*. Chicago: Henry Regnery Company.
18. Balandier G. (1972). *Political Anthropology*, Middlesex: Penguin.

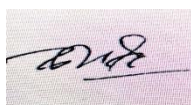
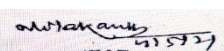
### **Course Outcome:**

1. The students understood the concepts of Religion in different societies
2. Concept of economy and economic institutions have been clarified.
3. Came to know various forms of economy
4. Got the concept of political institutions in different societies.
5. Understood the interrelationship between religion, politics and economy in various societies

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


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

**AADSEL1/ASDSEL1: Practical based on anthropology of religion politics and economics**

**(CORE XII I)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AADSEL1/A SDSEL1	-	-	2	4 hours	30	70	100	2

**Course Objective:**

1. The students will understand practically the concept of religion, economy and politics
2. They will prepare report on a topic related to the religion, politics and economics

**Unit 1: Case study of any of the social institute (religion, economic, political) with respect to culture perspective**

**Unit II: Prepare a review report on Anthropology of religion**

**Suggested Readings:**

1. Durkheim E. (1986). The elementary forms of the religious life, a study in religious sociology. New York: Macmillan
2. Benedict A. (2006). Imagined Communities: Reflections on the Origin and Spread of Nationalism. Verso
3. Gledhill J. (2000). Power and Its Disguises: Anthropological Perspectives on Politics. 2nd ed. London: Pluto Press.
4. Ellis F. (2000). A framework for livelihood analysis. In Rural Livelihoods and Diversity in Developing Countries. Oxford: Oxford University Press.
5. Henrich J, Boyd R, Bowles S, Camerer C, Fehr E, Gintis H, McElreath R, Alvard M et al. (2005). 'Economic Man' in cross-cultural perspective: Behavioral experiments in 15 small-scale societies. Behavior and Brain Science. 28(6):795-815;
6. Henrich J. (2002). Decision-making, cultural transmission, and adaptation in economic anthropology. In: J. Ensminger (Ed.), Theory in Economic Anthropology (pp 251-295) Walnut Creek, CA Altamira Pres
7. Lambek M. (2008) A Reader in the Anthropology of Religion
8. Eller JD. (2007). Introducing Anthropology of Religion New York: Routledge.
9. Glazier SD. (1997) Anthropology of Religion A Handbook. Westport, CT: Greenwood Press

10. Frick GD and Langer R. (2010). Transfer and Spaces. Harrassowitz (Germany).
11. Evans-Pritchard EE. (1937), Witchcraft, Oracles and Magic among the Azande. Oxford: Clarendon Press
12. Frazer JG. (1978). The Illustrated Golden Bough, London: Macmillan.
13. Barbara M. (2011) Cultural Anthropology. New Jersey: Pearson Education.
14. Ember CR. (2011). Anthropology. New Delhi: Dorling Kindersley.
15. Herskovits MJ. (1952). Economic Anthropology: A Study in Comparative Economics. New York: Alfred A Knopf Inc.
16. Malinowski B. (1922) Argonauts of the Western Pacific. London: Routledge.
17. Polyani K. et al (1957), Trade and Market in the Early Empires. Chicago: Henry Regnery Company.
18. Balandier G. (1972). Political Anthropology, Middlesex: Penguin.

#### Course Outcome:

1. Students made projects on a topic of religion, politics 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

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**B.A./B.Sc. V Semester**  
**AADSET2/ASDSET2:Sports Anthropology**  
**(CORE XIV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AADSET2/ ASDSET2</b>	3	1	-	4 hours	30	70	100	4

**Course Objectives:**

The students will understand:

1. Concept of basics of sports in Anthropology
2. Understand physical conditioning and training
3. Know the effects of outside environmental effects on human body
4. Understand the measurements and monitoring the athletes in different games and sports
5. Know how the human body works and how it varies from one person to another

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

**Unit 11: Physical conditioning, training-techniques and physiological effects, environmental effects on physical performance.**

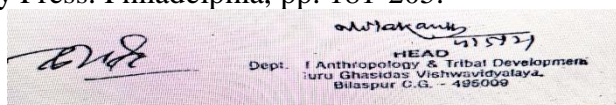
**Unit III: Effect of heat, stress, cold stress and high altitude on physiological response and performance.**

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

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

**Suggested Readings**

1. Stinson S. (1992). Nutritional Adaptation. Annual Review of Anthropology 21:143- 170.
2. Brughart R. (1990). The Cultural Context of Diet, Disease and the Body. In Diet and Disease in Traditional and Developing Societies, GA Harrison and JC Waterlow, eds. P. 307- 325. Cambridge University Press, Cambridge.
3. Rozin P. (1987). Psychobiological Perspectives on Food Preferences. In Food and Evolution: Toward a Theory of Food Habits. M. Harris and EB Ross (eds.). Temple University Press. Philadelphia, pp. 181-205.

  
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4. Quandt SA. (1987). Methods for Determining Dietary Intake. In Nutritional Anthropology. FE Johnston, ed. Pp. 67-84. Liss, NY.

5. Ulijasek SJ and Strickland SS. (1993). Introduction. In Nutritional Anthropology: Prospects and Perspectives. Pp. 1-5. Smith Gordon. London

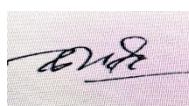
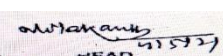
### Course Outcome:

1. Students have understood the basics of sports in Anthropology
2. Got the understanding of physical conditioning and training
3. Got the knowledge of the effects of outside environmental effects on human body
4. Understood the effects of measurements and monitoring the athletes in different games and sports
5. Understood how the human body works and how it varies from one person to another

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
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CO5	3	3	3	3	3							3	3	3	2

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

   
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**B.A./B.Sc. V Semester**  
**AADSEL2/ASDSEL2: Practical on sports anthropology**  
**(CORE XIV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AADSEL2/A SDSEL2</b>	-	-	2	4 hours	30	70	100	2

**Course Objective:**

The students will:

1. Practically assess the daily nutrition intake with standard technique
2. Practically assess the nutritional status with standard techniques
3. They will also evaluate physical performance practically
4. Understand the cultural perspectives from anthropological point of view.

**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 food of a population**

**Suggested Readings**

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

**Course Outcome:**

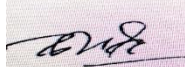
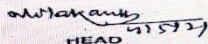
5. Students assessed the daily nutrition intake with standard technique
6. They also assessed the nutritional status with standard techniques
7. They have evaluated physical performance practically

8. Understood the cultural perspectives from anthropological point of view.

**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

   
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**B.A./B.Sc. VI Semester**  
**AAUFTT13/ASUFTT13: Applied Biological Anthropology**  
**(CORE XV)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUFTT13/ ASUFTT13</b>	3	1	-	4 hours	30	70	100	4

**Course Objectives**

1. The course deals with the study of meaning, scope and theories of Medical Anthropology,
2. To know 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.
3. To understand about the health & nutrition and its bio-cultural aspects.
4. To know about the concept of Nutritional policies in India
5. To focus on the evaluation of Malnutrition and nutritional adaptation in Man.

**Syllabus**

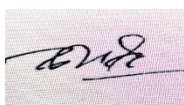
UNIT-1: Medical Anthropology: Meaning and Scope, Theories of Medical Anthropology: Socio- Cultural perspective, Bio-cultural perspective, Critical Medical Anthropology.

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 ethnomedicine.

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


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

### **Course Outcome**

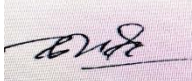
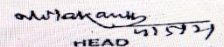
1. The course helps the students to know about the health status of a person as well as community.
2. It helps the students to know about the modern health care system as well as traditional medicine as e medicine how the community has knowledge to survive themselves.
3. It also helps to know about the diversity of food and the nutritional status of a community.
4. It helps to understand the extent of Malnutrition in India
5. It also helps to know about the various nutritional adaptations in Man.

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

CO	PO	PSO
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	PO 1	P O 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

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

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

**Course Objectives**

1. To get practical knowledge of taking body measurements such as Height, Weight, Waist circumference and Hip circumference.
2. To know about the various nutritional indices and the classification of obesity.
3. To acquaint the students about the techniques of taking skinfold measurements.
4. To estimate the PBF, BMAI and BAI of various subjects.
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 Abdominal Index (BMAI), Body Adiposity Index (BAI);
- Unit V:** Subcutaneous Fat; Visceral Fat; Skeletal Muscle Percentage

**Suggested Readings**

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

5. Das, B.M. Outlines of Physical Anthropology. New Delhi.
6. Galton F. (1884) Anthropometric Laboratory. London (Also in J. Anthropol. Inst., (Lond.)1884, 14,205).

### Course Outcome

1. This course will provide the knowledge on techniques of taking basic somatometric measurements.
2. Students will be able to calculate various nutritional indices.
3. This paper will enhance the knowledge of taking skinfold measurements.
4. Through this paper, students will be able to calculate various body composition indices.
5. The students will 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

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**B.A./B.Sc. VI Semester**  
**AAUFTT14/ASUFTT14: Indian Anthropology**  
**(CORE XVI)**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AAUFTT14/ ASUFTT14</b>	3	1	-	4 hours	30	70	100	4

**Course Objectives**

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.
2. To provide comprehensive knowledge about village system in India and explain the different social organizations.
3. To provide the brief introduction about rise of anthropology in India and knowledge about tribe, caste continuum and Janajati identity issues.
4. To boost the knowledge on Indian society.
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:

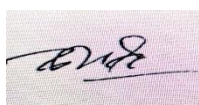
- Problems of exploitation and deprivation of scheduled caste/ tribe and Other Backward Classes.
- Constitutional safeguards for the Scheduled caste and scheduled tribes.

#### Suggested Reading

1. Nicholas D. (2001). Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.
2. Bernard 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). Religions of India in Practice. Princeton University Press
5. Gupta D. Social Stratification. Delhi: Oxford University Press.
6. Karve I. (1961). Hindu Society: An Interpretation. Poona: Deccan College
7. Guha BS. (1931). The racial attributes of people of India. In: Census of India, 1931, voll, Part III (BPO, Simla)
8. Trautmann TR (2011). India: Brief history of Civilization. Oxford University Press :Delhi
9. Vidyarthi LP and Rai BK. (1976). The tribal culture of India. Concept Publishing Co, Delhi.
10. Haddon AC. (1929). Races of man. Cambridge University, London.
11. Kapoor A.K. (1992). Genetic Diversity among Himalayan Human Populations. M/S Vinod Publishers, Jammu
12. Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay
13. Dube SC. (1992). Indian Society. National Book Trust, India: New Delhi.
14. Dumont L. (1980). Homo Hierachicus. University of Chicagon Press.
15. Guha B.S. (1931). The racial attributes of people of India. In: Census of India, 1931, voll, Part III (BPO, Simla)
16. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

#### Course Outcomes

1. This paper will strengthen the subject matter and will enhance the basic knowledge about the Indian anthropology to the undergraduate students.

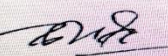
  
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2. The paper will be given the knowledge of society and culture and will be rendered the knowledge of various social and cultural norms and values of the society.
3. It will provide knowledge to make theoretical understanding to undergraduate students regarding origin, history and development of the Indian Anthropology.
4. This paper will be increased the basic knowledge of social institutions and importance of culture.
5. The students will be 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-Sightly; 2-Moderately; 3-Strongly

  
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**B.A./B.Sc. VI Semester**  
**AAUFLT14/ASUFLT14: Practical on Indian Anthropology**  
**(CORE XVI)**

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

**Course Objectives**

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

**Syllabus**

This paper will be ensured the knowledge of caste, religion and tribes of rural population.

1. Identify various traits/ variables which can be used in racial classification and comment on its relevance.
2. Review a book/ edited volume on Indian social structure such as caste, religion, tribe or rural population and give its salient features.
3. Explore the biological diversity of any population group considering a minimum of five genetic traits.
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). Religions of India in Practice. Princeton University Press
5. Gupta D. Social Stratification. Delhi: Oxford University Press.
6. Karve I. (1961). Hindu Society: An Interpretation. Poona: Deccan College
7. Guha BS. (1931). The racial attributes of people of India. In: Census of India, 1931, vol I ,Part III (BPO, Simla)
8. Trautmann TR (2011). India: Brief history of Civilization. Oxford University Press: Delhi
9. Vidyarthi LP and Rai BK. (1976). The tribal culture of India. Concept Publishing Co, Delhi.
10. Haddon AC. (1929). Races of man. Cambridge University, London.
11. Kapoor A.K. (1992). Genetic Diversity among Himalayan Human Populations. M/S Vinod Publishers, Jammu
12. Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay
13. Dube SC. (1992). Indian Society. National Book Trust, India: New Delhi.
14. Guha B.S. (1931). The racial attributes of people of India. In: Census of India, 1931, vol I, Part III (BPO, Simla)
15. Malhotra K.C. (1978). Morphological Composition of people of India. J. Human Evolution.

### Course Outcomes

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

### 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

*M. Lakshmi*  
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**B.A./B.Sc. VI**

**Semester AADSET3/ASDSET3: Tribal culture  
of India (DSE- )**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AADSET3/A SDSET3	3	1	-	4hours	30	70	100	4

**Course Objectives:**

From the paper the students will:

1. Understand the concept of tribes and their characteristics
2. Study the constitutional safeguards for tribes
3. Read the classification of tribes
4. Know about different tribal movements in India and their reasons
5. Understand different policies for tribal people.

**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 Particularly Vulnerable Tribal Group (PVTG).**

**Unit II: Tribe-caste continuum, Constitutional safeguard/provisions.**

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

**Unit IV: Tribal movements, Types Causes and Consequences. Problems of tribal development**

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

**Suggested Readings:**

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

**Course Outcomes:**

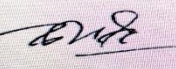
1. Understood the concept of tribes and their characteristics
2. Studied the constitutional safeguards for tribes
3. Came to know the classification of tribes
4. Got the knowledge different tribal movements in India and their reasons

## 5. Studied different policies for tribal people.

### 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

  
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**B.A./B.Sc. VI Semester**  
**AADSEL3/ASDSEL3: Practical On tribal culture of India**  
**(DSE- )**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
<b>AADSEL3/A SDSEL3</b>	-	-	2	4 hours	30	70	100	2

**Course Objectives:**

The students will:

1. Make Projects on Distribution of Indian tribes
2. Understand practically the location of different Indian tribes
3. Make a project on PVTG and Denotified tribes on Indian map
4. Understand practically how to write bibliography
5. Make a project on social structure of any tribe in India

**Unit I Distribution of Indian Tribes: PVTGs, STs,**

**Unit II Location of different tribes,**

**Unit III PVTGs & denotified tribes on the map of India.**

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

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

**Suggested Readings:**

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

**Course Outcome:**

1. The students have made different projects on Indian tribes and their distributions

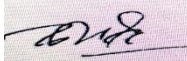
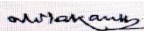
**Course Outcomes and their mapping with Programme Outcomes:**

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

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

**AAUFLF1/ASUFLF1: Fieldwork or Project work**

**followed by presentation/ viva- voice**

Sub Code	L	T	P	Duration	IA	ESE	Total	Credits
AAUFLF1/ ASUFLF1	3	1	-	6 hours	30	70	100	6

**Course Objectives**

The students will visit nearby village (Tribal or non-tribal) for the training of fieldwork under the supervision of respected supervisors and submit their project report after analysis and report writing.

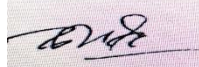
**Syllabus**

All the students are required to undertake field work in rural/ tribal/ urban area for a period of 21 days for preparation of dissertation under the guidance of teacher/ teachers.

The topic of the Field Work will be allotted by the concerned teacher.

**Course Outcomes**

This has made students aware how the fieldwork in Anthropology has to be done on a specific topic with report writing and through presentation.

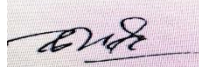
  
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**Course Outcomes and their mapping with Programme Outcomes:**

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

  
HEAD  
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