

**CURRICULUM FRAMEWORK FOR
POST GRADUATE PROGRAMME IN ANTHROPOLOGY**

AS PER NATIONAL EDUCATION POLICY (NEP)-2020



**DEPARTMENT OF ANTHROPOLOGY
RAJIV GANDHI UNIVERSITY (A CENTRAL UNIVERSITY)
RONO HILLS, DOIMUKH
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WITH EFFECT FROM ACADEMIC YEAR 2023-24

The Preamble

The Post Graduate Programme in Anthropology at the Department of Anthropology, Rajiv Gandhi University (RGU), Rono Hills is designed for students to grow as competent, self-reflective learners with relevant academic and professional skills who can contribute to the growing discipline of anthropology along with the necessary research skill set. Anthropology's academic significance is on the rise and so are its contributions to human welfare. Anthropology is the scientific study of humans, their behavior, cultures, and societies, both past and present. It encompasses various aspects of human life and examines how humans have evolved over time and how they interact with their environments and each other. Anthropology aims to provide a comprehensive understanding of human diversity and commonality, helping to promote cross-cultural awareness and address global challenges. PGP-ANT aims to train students in both qualitative and quantitative directions where they would learn to explore the learning principles and employ their growing expertise in real-life settings.

The PGP-ANT at RGU includes mandatory/major courses, elective courses, practicals, and tutorials. Its curriculum is meticulously crafted to address the demands and challenges of our diverse society. The program has a student-centered approach, focusing on individual students and trying to improve their knowledge, skills, and employability. Additionally, students will also be trained in research methodology and research ethics.

The PGP-ANT at RGU, as per National Education Policy-2020 (NEP-2020) currently consists of the 2-year programme, with the second year primarily dedicated to research, for any graduates of 3-year Bachelor's programs. Alternatively, for those completing the 4-year Bachelor's any programme with Honours/ Honours with Research would be considered for a 1-year Master's programme.

Credit Requirements and Eligibility for the Master's Programme

Sr. No.	Programme Name/ Qualifications	Level	Credits	CreditPoints
1	PG Diploma	6	40	240
2	1-Year PG after a 4-year UG	6.5	40	260
3	2-Year PG after a 3-year UG	6.5	40+40	260
4	2-Year PG after a 4-year UG such as B.E., B. Tech. etc.	7	40+40	280

Graduate Attributes of PG Programmes

Qualificationsthat signify completion of the postgraduate degree will be awarded to students who:

- i) Would demonstrate knowledge and understanding that is based upon opportunity for originality in

- developing and/or applying ideas, often within a research context;
- ii) can apply their knowledge understanding, and problem-solving abilities in new or unfamiliar environments within broader (or multidisciplinary) contexts related to their field of study;
 - iii) have the ability to integrate knowledge and handle complexity, and formulate judgments with incomplete or limited information, but that include reflecting on social and ethical responsibilities linked to the application of their knowledge and judgments;
 - iv) can communicate their conclusions, and the knowledge and rationale underpinning these, to specialist and non-specialist audiences clearly and unambiguously;
 - v) have the learning skills to allow them to continue to study in a manner that maybe largely self-directed or autonomous.

Curricular Components at Entry Level for a Post Graduate Programme

1-year PG Diploma in Anthropology: Students entering after 1-year of 2-year of PG with a min. credit earned equivalent to 40 will be awarded with PG Diploma in Anthropology.

1-year Master of Arts in Anthropology: Students entering 1-year Master of Arts in Anthropology after a 4-year UG programme can choose to do (i) only course work or (ii) research or (iii) course work and research.

2-year Master of Arts in Anthropology: Students entering 2-year Master of Arts in Anthropology after a 3-year UG programme can choose to do (i) only course work in the third and fourth semester or (ii) course work in the third semester and research in the fourth semester or (iii) only research in the third and fourth semester.

The programme is intended to sharpen the students’ analytical abilities to optimally solve problems, the curriculum, in general, comprises advanced skills and real-world experience and less of a research component.

Credit Distribution

a) For 1-year Master of Arts in Anthropology

Department of Anthropology shall follow Course work + Research Model for 1-year Master of Arts in Anthropology.

Curricular Components	One –Year Master of Arts in Anthropology Programme Minimum Credits			
	Course Level	Coursework	Research thesis/project/Patent	TotalCredits
Coursework+ Research	500	20	20	40

b) 2 Years Master of Arts in Anthropology

Curricular Components	Two-Year Master of Arts in Anthropology Programme Minimum Credits				
	Course Level	Coursework	Research Thesis/Project/Patent	Total Credits	
1 st Year (1 st & 2 nd Semester)	400 500	20 20	--	40	
Students who exit at the end of 1st year shall be awarded a Postgraduate Diploma in Anthropology					
2 nd Year (3 rd & 4 th Semester)	Course Work and Research	500	20	20	40

Exit Point

1. In case of M.A in Anthropology (1 Year) programme, there shall be no exit point. All enrolled students have to complete their post-graduation within 1-year duration/two semesters.
2. In case of M.A in Anthropology (2 Year) programme, there shall only be one exit point for those who join two-year PG programme. However, students who exit at the end of 1st year shall be awarded a Postgraduate Diploma in Education and they shall have to complete their PG within duration of 4 years.

Course Levels

400-499: Advanced courses which would include lecture courses with practicum, seminar-based course, term papers, research methodology, advanced laboratory experiments/software training, research projects, hands-on-training, internship/apprenticeship projects at the undergraduate level or First year Postgraduate theoretical and practical courses

500-599: For students who have graduated with a 4-year bachelor's degree. It provides an opportunity for original study or investigation in the major or field of specialization, on an individual and more autonomous basis at the postgraduate level.

Flexibility

- Flexibility is one of the hallmarks of NEP 2020. The benefit of pursuing M.A in Anthropology is that it offers great flexibility viz. enrolling in online programmes, pursuing two postgraduate programmes simultaneously, creditizing work experience, etc. Also, it is noticeable that postgraduate programmes which are entirely online, allow students to participate in the programme along with their current responsibilities. This makes earning a postgraduate degree while continuing to work easier and more accessible to individuals.

- Another opportunity for students is the facility to pursue two academic programmes simultaneously 1) in two full-time academic programmes in the physical mode provided that there is no over laping of class timings between the two programmes. 2) A student can pursue two academic programmes, one in full-time physical mode and another in Open and Distance Learning (ODL)/Online mode; or up to two ODL/Online programmes simultaneously. Degree or diploma programmes under ODL/Online mode shall be pursued with only such HEIs which are recognized by UGC/Statutory Council/Govt. of India for running such programmes.
- Creditization of relevant work experience is another initiative to make education more holistic. The UGC-NCrF enables the assignment of credits for the experience attained by a person after undergoing a particular educational programme. In case a learner through employment gains experience relevant to the PG programme he/she wants to pursue; the work experience can be creditized after assessment. Accordingly, the duration can be adjusted by the RGU. The maximum weightage provided for under this dimension is two (2) i.e. a candidate/ trained person can at best earn credits equal to the credits acquired for the base qualification/ skill, provided he has more than a certain number of years of work experience. The redemption of credits so earned, however, shall be based on the principle of assessment bands given in the National Curriculum Framework (NCrF).
- The credit points may be redeemed as per Academic Bank of Credit (ABC) guidelines for entry or admission in higher education at multiple levels enabling horizontal and vertical mobility with various lateral entry options.
- The principle of calculating credits acquired by a candidate by virtue of relevant experiential learning including relevant experience and professional levels acquired and attaining proficiency levels (post-completion of an academic grade/ skill-based program) gained by the learner/student in the industry is given in the Table 1.5.1 below.

Credit Assignment for Relevant Experience/Proficiency

Experience cum Proficiency Levels	Description of the relevant Experiential learning including relevant experience and professional levels acquired and attaining proficiency levels	Weight age/ multiplication Factor	No. of years of experience (Only indicative)
Trained/ Qualification Attained	Someone who has completed the coursework/ education/ training and has been taught the skills and knowledge needed for a particular job or activity.	1	Less than or equal to 1 year

Proficient	Proficient would mean having the level of advancement in a particular profession, skillset, or knowledge.	1.33	More than 1 less than or equal to 4
Expert	Expert means having high level of knowledge and experience in a trade or profession.	1.67	More than 4 less than or equal to 7
Master	Master is someone having exceptional skill or knowledge of a subject/domain.	2	More than 7

Assessment Strategy

The NEP-2020 emphasizes upon formative and continuous assessment rather than summative assessment. Therefore, the scheme of assessment will have components of these two types of assessments. Assessment have to have correlations with the learning outcomes that are to be achieved by a student after completion of the course. Therefore, the mode and system of assessments have to be guided by the learning outcomes.

Course Evaluation/Assessment

The evaluation system in the form of marks distribution for each course in Post Graduate Programme in Anthropology is depicted in the credit system.

Letter Grades and Grade Points

The Semester Grade Point Average (SGPA) is computed from the grades as a measure of the student's performance in a given semester. The SGPA is based on the grades of the current term, while the Cumulative GPA (CGPA) is based on the grades in all courses taken after joining the programme of study. The HEIs may also mention marks obtained in each course and a weighted average of marks based on marks obtained in all the semester taken for the benefits of students.

LetterGrade	GradePoint
O (Outstanding)	10
A+(Excellent)	9
A (Very Good)	8
B+(Good)	7
B (Above Average)	6
C (Average)	5
P (Pass)	4
F (Fail)	0
Ab (Absent)	0

Computation of SGPA and CGPA

UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

- i. The SGPA is the ratio of the sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e.

$$SGPA(S_i) = \frac{\sum(C_i \times G_i)}{\sum C_i}$$

-where C_i is the number of credits of the i^{th} course and G_i is the grade point scored by the student in the i^{th} course.

Example for Computation of SGPA is given below:

Semester	Course	Credit	Letter Grade	Grade Point	(Credit x Grade)
1	Course1	3	A	8	3x8=24
1	Course1	4	B+	7	4x7=28
1	Course1	3	B	6	3x6=18
1	Course1	3	O	10	3x10=30
1	Course1	3	C	5	3x5=15
1	Course1	4	B	6	4x6=24
		20			139
SGPA					139/20=6.95

- ii. The Cumulative Grade Point Average (CGPA) is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$CGPA = \frac{\sum(C_i \times S_i)}{\sum C_i}$$

-where S_i is the SGPA of the i^{th} semester and C_i is the total number of credits in that semester.

Example for Computation of CGPA

Semester1	Semester2	Semester3	Semester4
Credit20	Credit20	Credit20	Credit20
SGPA6.9	SGPA7.8	SGPA5.6	SGPA6.0
CGPA=(20x6.9+20 x7.8+20x 5.6+20x6.0)/80=6.6			

The SGPA and CGPA shall be rounded off to 2 decimal points and reported in the transcripts.

Nomenclature Used in the Syllabus as per NEP-2020

- **Programme Educational Objective (PEO)**
PEOs are broad statements that describe the career and professional accomplishments that graduates of a programme are expected to achieve within a few years of graduation.
- **Programme Outcome (PO)**
POs are specific statements that describe what students are expected to know and be able to do by the time they complete a programme.
- **Programme Specific Outcome (PSO)**
PSOs are similar to Pos but are more specific to a particular specialization or focus area within a programme.
- **Course Outcome (CO)**
Cos are statements that describe the specific learning objectives of individual courses within a programme.

2.1 PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

The Post Graduate in Anthropology aims to fulfill the following objectives:

PEO1: This programme aims to provide learning scopes by orienting the students towards scientific study of human mind and behaviour.

PEO2: Developing knowledge of basic psychological concepts and methods, and developing ability to appreciate the challenges in field settings.

PEO3: Promoting self-understanding, reflexivity and personal growth of the students.

PEO4: Developing a strong sense of ethical and moral aptness in general and in the context of learning and its assessment in particular.

PEO5: Developing respect for social diversity and increasing social and cultural relevance of learning.

2.2 PROGRAMME OUTCOMES (POs)

PO 1: Comprehensive understanding of Anthropological Theories: Post Graduate students will be able to demonstrate a deep understanding of the major theoretical frameworks within anthropology.

PO 2: Research Skills: Students will be proficient in various research methods used in anthropology, including qualitative and quantitative methods, ethnographic fieldwork, participant observation, interviews, surveys, and archival research.

PO 3: Critical Thinking and Analysis: Students will be able to critically evaluate anthropological literature, research findings, and theories, and apply critical thinking skills to complex social and cultural phenomena.

PO 4: Cultural Competence: Students will have a heightened awareness of cultural diversity and be able to engage respectfully and effectively with individuals and communities from different cultural backgrounds.

PO 5: Ethical Conduct: Students will adhere to the ethical principles of anthropological research, including obtaining informed consent, maintaining confidentiality, and respecting the rights and dignity of research participants.

PO 6: Communication Skills: Students will be able to effectively communicate the research findings, both orally and in writing, to academic and non-academic audiences.

PO 7: Interdisciplinary Perspective: Students will be able to integrate knowledge and insights transcending disciplinary boundaries while pursuing anthropological research.

PO 8: Professional Development: Students will be prepared for various career paths, including academia, research institutions, government agencies, NGOs, and private sector organizations, and possess the necessary skills to succeed in their chosen field.

PO 9: Cultural Sensitivity and Advocacy: Students will be promoter for social justice and cultural diversity while respecting gender diversity and be able to apply anthropological knowledge to address contemporary social issues and promote positive change.

PO 10: Theoretical knowledge and practical abilities: Post Graduate in Anthropology aims to provide students with both theoretical knowledge and practical abilities for dealing with the intricacies of human society and culture.

2.3 PROGRAMME SPECIFIC OUTCOMES (PSOs)

The learners who complete four years would earn a Post Graduate Degree in Anthropology. The learning outcomes that a student should be able to demonstrate on completion of a degree level programme may involve academic, behavioural and social competencies as described below.

PSO 1: Graduate/ Post will be able to understand human adaptability in different geographical areas thereby understanding existing culture and practices and vice-versa.

PSO 2: Graduate/ Post graduate will be able to understand Human evolution and cultural diversity which throws light on the human origin and its reasons for variability.

PSO 3: Graduate/ Post Graduate will be able to apply Anthropological Knowledge in Contemporary

social issues such as health, education, development and human rights. Thereby participate in policy making and advocacy in influencing public policies and programs

PSO 4: Graduates/ Post Graduates will have critical and insightful understanding of existing anthropological methods and methodology to address social issues. Thereby, encourage students for personal growth and self reflection to develop as informed, responsible and engaged global citizens.

2.4 Structure of the PG Diploma/One/Two Year Post-graduate Programme in Anthropology

*1 credit for lecture = 15 hours in a semester

**1 credit for tutorial = 15 hours in a semester

***1 credit for practicum = 30 hours in a semester.

**Structure for Post Graduate Programme in Anthropology
(Choice Based Credit System)**

Semester I

Paper Code	Paper Title	Maximum Marks			Credit Distribution L:T:P	Total Credits	Contact Hours
		Internal marks	Semester Exam	Total			
ANT-CC-4110	Theories of Anthropology	20	80	100	3:1:0	4	75
ANT-CC-4120	Anthropological Methods	20	80	100	3:1:0	4	75
ANT-CC-4130	Human Growth and Development	20	80	100	3:0:1	4	75
ANT-CC-4140	Medical Anthropology	20	80	100	3:1:0	4	75
XXX-MC-4110	Research Methods	20	80	100	3:1:0	4	75
Total Credit of Semester I						20	

Semester II

Paper Code	Paper Title	Maximum Marks			Credit Distribution L:T:P	Total Credits	Contact Hours
		Internal marks	Semester Exam	Total			
ANT-CC-4210	Fieldwork and Report Writing	20	80	100	0:0:4	4	120
ANT-CC-4220	Physiological Anthropology	20	80	100	3:0:1	4	75
ANT-CC-4230	Demographic Anthropology	20	80	100	3:0:1	4	75
ANT-CC-4240	Forensic Anthropology	20	80	100	3:0:1	4	75
ANT-CC-4250	Development Anthropology	20	80	100	3:1:0	4	75
ANT-CC-4260	Food and Culture	20	80	100	3:0:1	4	75
ANT-CC-4270	Gender and Society	20	80	100	3:1:0	4	75
ANT-MC-4210	Research Publication Ethics	20	80	100	3:1:0	4	75
Total Credit of Semester II						20	

*ANT-CC-4210 is compulsory; student should select 3 from the remaining core courses. Students may opt either 4220, 4230 and 4240 or 4250, 4260 and 4270.

MODEL 1

Semester III & IV

Paper Code	Paper Title	Maximum Marks			Credit Distribution L:T:P	Credits	Contact Hours
		Internal marks	Semester Exam	Total			
ANT-CC-6110	Dissertation	20	80	100	0:0:40	40	1200
Total Credit of Semester VIII						40	

MODEL 2

Semester III

Paper Code	Paper Title	Maximum Marks			Credit Distribution	Total Credits	Contact Hours
		Internal marks	Semester Exam	Total	L:T:P		
ANT-CC-5110	Visual Anthropology	20	80	100	3:1:0	4	75
ANT-CC-5120	Borderland Anthropology	20	80	100	3:1:0	4	75
ANT-CC-5130	Human Population Genetics	20	80	100	3:0:1	4	75
ANT-CC-5140	Anthropology of Northeast India	20	80	100	3:1:0	4	75
ANT-CC-5150	Art and Anthropology	20	80	100	3:1:0	4	75
Total Credit of Semester III						20	

Semester IV

Paper Code	Paper Title	Maximum Marks			Credit Distribution	Credits	Contact Hours
		Internal marks	Semester Exam	Total	L:T:P		
ANT-CC-6110	Dissertation	20	80	100	0:0:20	20	600
Total Credit of Semester IV						20	

MODEL 3

Semester III

Paper Code	Paper Title	Maximum Marks			Credit Distribution	Total Credits	Contact Hours
		Internal marks	Semester Exam	Total	L:T:P		
ANT-CC-5110	Visual Anthropology	20	80	100	3:1:0	4	75
ANT-CC-5120	Borderland Anthropology	20	80	100	3:1:0	4	75
ANT-CC-5130	Human Population Genetics	20	80	100	3:0:1	4	75
ANT-CC-5140	Anthropology of Northeast India	20	80	100	3:1:0	4	75
ANT-CC-5150	Art and Anthropology	20	80	100	3:1:0	4	75
Total Credit of Semester III						20	

Semester IV

Paper Code	Paper Title	Maximum Marks			Credit Distribution	Credits	Contact Hours
		Internal marks	Semester Exam	Total	L:T:P		
ANT-CC-6110	Nutritional Anthropology	20	80	100	3:0:1	20	75
ANT-CC-6120	Cultural Resource management	20	80	100	3:0:1	20	75
ANT-CC-6130	Kinanthropometry and Ergonometry	20	80	100	3:0:1	20	75
ANT-CC-6140	Urban Anthropology	20	80	100	3:0:1	20	75
ANT-CC-6150	Psychological Anthropology	20	80	100	3:0:1	20	75
Total Credit of Semester IV						20	

SEMESTER PG-I

SI ANT-CC-4110: Theories of Anthropology

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 0]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective (LO)

This paper highlights on the development of different Anthropological theories in a chronological perspective.

Course Outcomes (CO)

CO1: Students will be able to demonstrate the theories of anthropology

CO2: Students will be able to conduct research works on the basis of the theories

CO3: Students will be able to understand the concept of culture, personality and materialism

CO4: Students will be able to understand the concept of symbolic interpretation and post modernism

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Rise of Anthropological theories Colonialism and Evolutionary approaches – contribution of E. B. Taylor, Herbert Spencer and L. H. Morgan; Diffusionism – British, German and American Schools; Neo-evolutionists – V G. Childe, J. Steward and L. White. Historical particularism (Franz Boas)	15	1
T2	The Nature and structure of Society Functionalism (Bronislaw Malinowski). Structural -Functionalism (Radcliffe Brown). Structuralism (Claude Levi Strauss, Edmund Leech).	15	2
T3	Culture, Personality and Materialism Culture and Personality -Contributions of Ruth Benedict, Margaret Mead, EE Evans Pritchard, Cultural Materialism - Marvin Harris, Edward Sapir	15	1, 3
T4	Symbolic Interpretation and Post modernism Symbolic Anthropology - Victor Turner, Mary Douglas; Clifford Geertz. Post modernism in Anthropology	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings:

1. Barnard, A. 2004. *History and Theory in Anthropology*. Cambridge University Press, Cambridge.
2. Bloch, M. 1985. *Marxism and Anthropology: The History of a Relationship*. Oxford University Press, New York.
3. Harris, M. 1968. *Rise of Anthropological Theory*. Thomas Y. Crowell Company, New York
4. Layton, R. 1997. *An Introduction to Theory in Anthropology*. Cambridge University Press, Cambridge.
5. Levi-Strauss, C. 1963. *Structural Anthropology*. Basic Book, New York.
6. Lowie, R. H. 1937. *The History of Ethnological Theory*. Rinehart and Winston, New York.
7. Moore, J. D. 1997. *Visions of Culture: An Introduction to Anthropological Theories and Theorists*. Walnut Creek, CA: Alta Mira Press.
8. Anderson, S. (ed.). 1971. *Herbert Spencer: Structure, Function and Evolution*. Thomas Nelson and Sons, London.
9. Denzin, N. K. 1997. *Interpretive Ethnography: Ethnographic Practices for the 21st Century*. Thousand Oaks, CA, Sage Publication.
10. Sahay, VS. 2024. Module IV: Symbolic Interpretation and Post modernism Symbolic Anthropology - Victor Turner, Mary Douglas; Clifford Geertz. Post modernism in Anthropology, Rawat Publications

SI ANT-CC4120: Anthropological Methods

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 0]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective (LO)*To orient the students about fieldwork tradition in Anthropology and teach them various research methods in the Anthropology.***Course Outcomes (CO)***CO1: The students will learn about the similarities and differences between technique, method and methodology.**CO2: They will learn about fieldwork traditions in Anthropology.**CO3: They will also learn about tools and techniques of data collection.**CO4: They will learn about how to analyze and present the research finding.***Course Content: Theory**

Module	Content	Contact Hours	CO
T1	Introduction i. Fieldwork tradition in Anthropology – British, American and Indian tradition; ii. History of fieldwork tradition in Anthropology; iii. Ethics of Anthropological Fieldwork	15	2
T2	Preparing for fieldwork/ research i. Types of research; research problem; statement of problem; hypothesis; formulation of research questions; review of literature; research design; pilot study; sampling	15	1, 3
T3	Methods, technique and tools: i. Observation, Interview, Schedule, Questionnaire, use of field guide, key informants, genealogical method; Case study, Biographical method (life history), Audio-visual, participatory methods.	15	1, 3
T4	Analysis of data and report writing: i. Classification and analysis of field data; tabulation, diagrammatic representation (histogram, frequency polygon, pie-chart, bar chart, column chart), measures of Central Tendency (Mean, Mode, Median), measures of dispersions (variation and standard deviation); references and bibliography; appendices	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings:

1. Bernard, R. 2011. *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. AltaMiraPress.
2. Lawrence, N.W. 2000. *Social Research Methods, Qualitative and Quantitative Approaches*.
3. O'reilly, K. 2005. *Ethnographic Methods*. London and New York: Routledge.
4. Bernard, H.R., 1988. Research methods in cultural anthropology (p. 117). Newbury Park, CA: Sage.
5. Ember, CR, & Ember M. 2009 '*Cross-cultural Research Methods*', Altamira Press, USA.
6. Fetterman, D. 1989 '*Ethnography Step by Step*', Sage Publication.
7. Fischer, M. 1994 '*Applications in Computing for Social Anthropologists*', Routledge. London.
8. Garson, J. G., & Read, C. H. (Eds.). (1899). *Notes and queries on anthropology*. Anthropological Institute.
9. Kothari, C.R., 2004. *Research methodology: Methods and techniques*. New Age International
10. Lorena, M. 1998. *Statistics for Anthropology*. Cambridge University Press.

SI ANT-CC4130: Human Growth and Development

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)*To introduce the students to the concept of human growth and development, methods of studying growth, and technique of somatotyping***Course Outcomes (CO)***CO 1: They will learn about the concepts and different stages of human growth and development.**CO 2: They will also learn about various bio-cultural factors that influence growth.**CO 3: They will learn about how to assess growth, obesity and nutritional status.**CO 4: They will also learn about the different techniques of somatotyping.***Course Content: Theory**

Module	Content	Contact Hours	CO
T1	Introduction i. Concept of human growth, difference between growth development ii. Stages of human growth - prenatal, infancy, childhood, adolescence, developmental age and maturity	15	1
T2	Growth Factors i. Role of endocrines and hormones, ethnic variation, nutrition and socioeconomic factors, secular trend, ii. Concept of balanced diet, impact of malnutrition (over and under) with special reference to obesity, Kwashiorkor and Marasmus	15	2
T3	Measurement of growth i. Growth curve (its variation and evolution), assessment of growth and nutritional status, catch up growth. ii. Methods and techniques of studying growth and development,	15	3
T4	Human physique and somatotype i. Viola, Kretschmer, Sheldon and Health-Carter ii. Techniques for estimating body composition - anthropometry, metabolic balance technique, energy balance and water displacement	15	4

Course Content: Practicum

Module	Content	Contact Hours	CO
P1	Obesity assessment: General (BMI, body fat%, Conicity index, body adiposity indices) and regional adiposity indices (WC, WHR).	15	3, 4
P2	Nutritional assessment through dietary pattern and anthropometric indices.	10	2, 3

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings

1. Bogin, B. 1999. *Patterns of human growth*. Cambridge University Press.
2. Cameron, N. and Bogin, B. 2012. *Human Growth and Development*. Second Edition. Academic Press.
3. Frisancho, R.1 993. *Human Adaptation and Accommodation*. University of Michigan Press.
4. Harrison, G.A.and Howard, M. 1998.*Human Adaptation*. Oxford University Press.
5. Harrison, G.A., Tanner, J.M., Pibeam, D.R., Baker, P.T. 1988. *Human Biology*. Oxford University Press.
6. Kathleen, K. 2008. *Encyclopedia of Obesity*. SAGE.

SI ANT-CC4140: Medical Anthropology

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 0]
 Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
 Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

LO1: To explore various dimensions of health and issues related to illness and disease.
 LO2: To familiarize the students with various demographic measuring methods and their applications.
 LO3: Aims to provide knowledge about the cultural dimensions of illness, disease, and health in Indian context.

Course Outcomes

CO 1: Students will learn to recognize and explain how health and illness are perceived and experienced differently across various cultures. Development, concept and theoretical understanding of medical anthropology.

CO 2: Students will be able to analyze how factors such as socio-cultural dimensions, socioeconomic status, gender, ethnicity, and environment influence health outcomes and access to healthcare.

CO 3: Students will gain proficiency in using anthropological research methods, such as ethnographic fieldwork, participant observation, and qualitative interviewing, to study health-related issues.

CO 4: Students will develop the ability to critically assess global health initiatives, policies, and practices. They will learn to evaluate the impact of these policies on different populations and consider ethical implications and cultural appropriateness in diverse settings.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Anthropology and health; Medical Anthropology and its scope; Approaches, Development of Medical Anthropology; Concept and Definition of Health and its relation with culture; Theoretical Approaches in Medical Anthropology	15	1
T2	Concept of disease and illness; socio-cultural dimensions of health; ethno-psychiatry; cultural concept of normalcy and abnormalcy; culture-bound syndromes; occupational and life-style ailments	15	2
T3	Culture and Mental Health, Concept of wellbeing and quality of life; Happiness Life Index. Personalistic and naturalistic approaches of disease etiology; Health care system: Popular, Folk, and Professional sectors; medical pluralism; Shamanistic healing practices; faith healing	15	2, 3
T4	Anthropology in Public Health Policy making; Anthropology of infectious diseases; Endemics, Epidemics, and Outbreaks; Pandemics and Communicable diseases; Health and Environment; Doctor-Patient relation; Health Care Programmes in India, Programs and objectives.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	3	-	-	1	-	-	1	-	3	3	1
CO2	-	-	2	2	-	-	3	2	-	1	-	2	2	3
CO3	2	2	2	2	3	3	-	2	2	3	-	1	2	3
CO4	1	1	2	2	3	2	-	1	2	3	1	-	3	3
Average	1.25	1	2	2.25	1.5	1.25	1	1.25	1	2	0.25	1.5	2.5	2.5

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Suggested Readings:

1. Farmer, Paul, Jim Yong Kim, Arthur Kleinman and Matthew Basilio (2013) *Reimagining Global Health*, University of California Press
2. Gaur, Mokshika and Soumendra. Patnaik (2011). "Who is healthy among the Korwa?" *Liminality in the experiential health of the displaced Korwa of Central India*, *Medical Anthropology Quarterly*, Mar; 25(1):85-102.
3. Hahn, Robert A. 1999. *Anthropology in Public Health. Bridging Differences in Culture and Society*. New York: Oxford University Press.
4. Helman, Cecil G. 1994. *Culture, Health, and Illness*. 3rd ed. Oxford.
5. Inhorn, Marcia C; Wentzell, Emily A (2012). *Medical Anthropology at the Intersections: Histories, Activisms and Futures*. Duke University Press Books
6. Mehrotra, Nilika & Mahima Nayar (2015). *Isliye dard hota hai: Women's Mental Health Issues in Poor Households of India*, *Psychology and Developing Societies*, vol. 27 no. 1 104- 124.
7. Tsui, Amy O., Judith N. Wasserheit, and John G. Haaga (eds.) (1997). *Reproductive Health in Developing Countries*. Washington, D.C.: National Academy Press.
8. Winkelmann M (2008). *Culture and Health: Applying Medical Anthropology*. Jossey-Bass

SI ANT-MC-4110: Research Methods

Credit: [Lecture = 3, Tutorial = 0, Practical = 00]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Course objectives:

1. To introduce the students about fieldwork tradition in Anthropology discipline as it's hallmark
2. To teach students the various methods in the discipline of Anthropology in order to prepare them to carry forward independent research as an academic pursuit in due course of time

Learning Outcomes*The learning outcomes of this paper are:*

1. The students will learn about the similarities and differences between technique, method and methodology.
2. They will learn about fieldwork traditions in Anthropology.
3. They will also learn about tools and techniques of data collection.
4. From the practical component they will learn about how to construct tables, make observations and conduct interviews.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Fieldwork and Anthropology Introduction: Fieldwork tradition in Anthropology – British, American and Indian tradition, History of fieldwork tradition in Anthropology. Ethics of Anthropological Fieldwork.	15	1
T2	Preparing for the field/ research Research and its objectives, types and significance of the research, importance of scientific methods, formulation and selection of a research problem; Different Components of Research Design. Approaches of Anthropological Research: Comparative Method, Cross-cultural Comparison, Historical Method, Ethnographic Method, Biographical methods, Types of Data: Primary, Secondary.	15	1
T3	Tools and Techniques in Anthropological Research Sources of data: Primary and secondary data, Methods of data collection: Observation, Case-study, Genealogical, Survey: Tools and Techniques: Questionnaire, Interview, Schedule; Techniques for Analysis of Data, Interpretation and Report Writing.	15	2
T4	Analysis and Presentation of Data Organization, classification and analysis of field data (Qualitative and Quantitative Data). Descriptive Statistics: Measures of Central Tendency and Measures of Variability or variance. Correlation: Simple and Multiple Correlations; Test of significance: Chi-square test, t-test, ANOVA; Pedigree method, Estimation of gene frequencies from pedigrees, concept of Mendelian population. Computer Application: MS Office (Excel, Power Point), SPSS.	15	3

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	3	-	-	1	-	-	1	-	3	3	1
CO2	-	-	2	2	-	-	3	2	-	1	-	2	2	3
CO3	2	2	2	2	3	3	-	2	2	3	-	1	2	3
CO4	1	1	2	2	3	2	-	1	2	3	1	-	3	3
Average	1.25	1	2	2.25	1.5	1.25	1	1.25	1	2	0.25	1.5	2.5	2.5

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Suggested Readings:

1. Bernard, R. 2011. *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. AltaMira Press.
2. Emerson, R.M., Fretz, R.I. and Shaw, L. 1995. *Writing Ethnographic Fieldnotes*. Chicago: University of Chicago Press.
3. Lawrence, N.W. 2000. *Social Research Methods, Qualitative and Quantitative Approaches*.
4. Madrigal, L. 2012. *Statistics for Anthropology*. Cambridge: Cambridge University Press.
5. O'reilly, K. 2005. *Ethnographic Methods*. London and New York: Routledge.
6. Berdie, D. R., and Anderson, J. F., 1974. *Questionnaires: Design and Use*, Metuchen N.J.: The Scarecrow Press, Inc.
7. Bernard, H.R., 1988. *Research methods in cultural anthropology* (p. 117). Newbury Park, CA: Sage.
8. Ember, CR, & Ember M. 2009 'Cross-cultural Research Methods', Altamira Press, USA.
9. Edwards, Allen, 1967. *Statistical Methods*, 2nd ed., New York: Holt, Rinehart & Winston.
10. Fetterman, D. 1989 'Ethnography Step by Step', Sage Publication.
11. Fischer, M. 1994 'Applications in Computing for Social Anthropologists', Routledge. London.
12. Garson, J. G., & Read, C. H. (Eds.). (1899). *Notes and queries on anthropology*. Anthropological Institute.
13. Handwecker, W.P. 2001 'Quick Ethnography', Altamira Press, USA.
14. Kothari, C.R., 2004. *Research methodology: Methods and techniques*. New Age International
15. Lorena, M. 1998. *Statistics for Anthropology*. Cambridge University Press.

SEMESTER PG-II

S2 ANT-CC-4210 Fieldwork and Report Writing

Credit: 4 [Lecture = 0, Tutorial = 0, Practical = 4]

Credit Hour: Lecture = 00, Tutorial = 00, Practical = 120, Total = 120

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective (LO)*To orient students how to conceptualise, conduct, analyse and present an anthropological field studies.***Course Outcomes (CO)***CO1: The students will be able to conceptualise research problem and research design.**CO2: They will be familiar with various techniques of datacollection.**CO3: They will be able to classify, interpret and present data.**CO4: They will be able to write a compile and write a systematic report combining qualitative and quantitative data.***Guideline**

Students will be taken for fieldwork in different parts of India for a minimum of 18 days and for that students will be accompanied by faculty member(s) as a field supervisor. They will carry out an ethnography study with a special topic. After the completion of fieldwork, each student will have to prepare a field report under the supervision of field supervisor. Finally, the field report will be examined by the external expert and accordingly mark will be credited.

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3	1	3	-	-	-	3	3	3	2	3
CO2	3	3	3	2	1	2	-	1	2	2	3	2	2	3
CO3	1	3	3	2	2	2	1	2	1	1	3	2	3	2
CO4	3	2	3	2	2	1	1	3	1	2	3	1	1	1
Avg	1.75	2.75	3.0	2.25	1.5	2.0	0.5	1.5	1.0	2.0	3	2.0	2.0	2.25

Suggested Readings

1. Srivastav VK. 2004. Methodology and Fieldwork Oxford University Press.
2. Sarantakos S. 2005. Social Research. Palgrave Macmillan
3. Watson CW. 1999. Being There: Fieldwork in Anthropology. Pluto Press

S2 ANT-CC-4220: Physiological Anthropology

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)*To learn about the basics of body physiology, how body adjusted at different stresses and how to measure basic physiological functions***Course Outcomes (CO)***CO 1: The students will learn about the fundamentals of work physiology.**CO 2: They will learn about physiological adjustments to various environmental stresses.**CO3: They will also learn about the influence of factors on physiological performance.**CO 4: They will learn about how to measure cardiovascular function, respiratory function, etc.***Course Content: Theory**

Module	Content	Contact Hours	CO
T1	Fundamentals of physiology Homeostasis, Metabolism and energy and Systems, exercise, respiratory system and haemo dynamics (blood pressure, pulse rate, heart rate and oxygen-transporting system, blood flow, Hb, heamatocrit, etc.).	15	1
T2	Homeostasis Acute physiological adjustments during transition from resting homeostasis to sub- maximal and maximal exercise, Chronic physiological adaptations to exercise training, age, sex and population variation in the physiological characteristics.	15	1
T3	Exercise Physiology Cardio-vascular and respiratory endurance, physical working capacity and physical fitness, evaluation of response and assessment, relationship of body measurements with cardio-vascular and respiratory functions, aerobic and anaerobic exercise training, health related fitness in gender and ethnic group.	15	2
T4	Substance abuse and physical performance Impact of smoking, alcohol, drug, pollution and occupation on cardio-respiratory Functions, physical performance and environmental stress, chronic diseases, malnutrition, lifestyle disease.	15	3

Course Content: Practicum

Module	Content	Contact Hours	CO
P1	Cardiovascular function (Blood pressure, heart rate, pulse rate)	5	4
P2	Respiratory function (Tidal volume, vital capacity, forced vital capacity, minute ventilation etc.); Step-test; Treadmill test	20	4
P3	Haemoglobin estimation	5	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings

1. Case, R.M. 1985. *Variations in Human Physiology*. Manchester University Press.
2. Hale, T. 2003. *Exercise Physiology*. John Wiley & Sons Inc.
3. McArdle, W.D., Katch, F.I. and Katch, V.L. 2010. *Exercise Physiology: Nutrition, Energy, and Human Performance*. Lippincott Williams & Wilkins.
4. Nageswari, K.S. and Sharma, S. 2006. *Practical workbook of Human Physiology*. Jaypee Brothers.
5. Powers, S.K. and Howley, E.T. 2007. *Exercise Physiology: Theory and Application to Fitness and Performance*. McGraw-Hill.
6. Sherwood, L. 2008. *Human Physiology: From Cells to Systems*. Brooks Cole.
7. Vander, A.J, Sherman, J.H. and Dorothys, L. 1978. *Human Physiology: The Mechanisms of Body Functions*. McGraw-Hill Education.
8. Wildmaier, E.P., Raff, H, Strang, K.T. 2014. *Vander's Human Physiology: The Mechanisms of Body*. McGraw-Hill Education.

S2 ANT-CC-4230: Demographic Anthropology

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)*To introduce anthropological demography and its importance to the students, make them aware about various demographic theory, source of data and methods of data collection in demography***Course Outcomes (CO)***CO 1: The students will learn about demographic anthropology and its importance in anthropology.**CO 2: They will learn about major theories of population.**CO 3: They will also learn about the various sources of data in population studies.**CO 4: They will learn about how to collect demographic data from various.15***Course Content: Theory**

Module	Content	Contact Hours	CO
T1	Introduction Demographic Anthropology: Introduction, definition and basic concepts, relationship between demography, population studies and anthropology, Importance of population studies in Anthropology.	15	1
T2	Population Theories Contributions of John Graunt, Thomas R. Malthus, Biological theory of population, Theory of demographic transition.	15	2
T3	Tools of Demographic Data Measures of Population Composition, Distribution and Growth, measures of Fertility, measures of Mortality, measures of Migration.	15	3, 4
T4	Population of India Sources of demographic data in India, Growth of Indian population, demography of Indian tribal and non-tribal groups, Anthropological determinants of population growth, Impact of urbanization on the migration of tribal groups.	15	4

Course Content: Practical

Module	Content	Contact Hours	CO
P1	A student will collect and compile demographic data from different secondary sources on any given topic and a project report will be submitted for evaluation against two credits.	30	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings:

1. Abela, Roth Eric. 2004. *Culture, Biology and Anthropological Demography*. Cambridge: Cambridge University Press.
2. Bhande, A. and Kaniikar, T. (2006) *Principles of Population Studies*. Himalaya Publishing House. Mumbai.
3. Caldwell, J.C. 2006. *Demographic Transition Theory*. Springer.
4. Misra, B.D. 1982. *An introduction to the study of population*. New Delhi: South Asia Publ.Ltd.
5. Riley, N.E. and Mc Carthy, J. 2003. *Demography in the Age of the Postmodern*. Cambridge University Press, 1-13 and 32-98.
6. Srivastava, O.S. 1996. *Demographic and Population Studies*. New Delhi: Vikas Publishing House.

S2 ANT-CC-4240: Forensic Anthropology

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)

To learn the basic concepts and development of forensic anthropology, identification of living persons from different sources and identification of human skeletal remains.

Course Outcomes (CO)

CO 1: The students will learn about the aims and scope of forensic anthropology and Criminology.

CO 2: They will learn about identification of skeletal and non-skeletal human remains.

CO 3: They will also learn about various methods of identifying living persons.

CO 4: They will learn about identification of individuals on the basis of bones, blood, urine, semen, saliva, fingerprint and handwriting.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction to Forensic Anthropology Definition, brief history, scope, applications and integration of Forensic Anthropology. Criminology and theories of crime, concept of evidence and jurisprudence, community forensics.	15	1
T2	Basic Human Skeletal Biology Identification of human and non-human skeletal remains; Ancestry, age, sex and stature estimation from bones; Discovery and techniques for recovering skeletonized human remains.	15	2
T3	Personal identification Complete and partial identification, methods of identification in living persons: bite marks, tattoo marks, fingerprints, lip prints, nails, handwriting, deformities and others.	15	3, 4
T4	Serology Identification and individualization of bloodstain, urine, semen and saliva.	15	4

Course Content: Practical

Module	Content	Contact Hours	CO
P1	Study of human long bones: estimation of age, sex and stature from bones.	10	2, 4
P2	Identification of bloodstain, urine, semen and saliva.	10	4
P3	Examination of fingerprints and handwriting.	10	3, 4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	3	-	2	3	2	-	1	2	3	2	3	3	1
CO2	2	2	2	3	3	1	2	1	3	2	3	3	2	2
CO3	1	1	1	-	-	3	2	3	1	1	2	1	2	3
CO4	1	1	3	-	-	-	2	2	-	-	2	2	2	3
Avg	1.5	1.75	1.5	1.25	1.5	1.5	1.5	1.75	1.5	1.5	2.25	2.25	2.25	2.25

Suggested Readings

1. Bass, W.M. 1971. *Human Osteology: A Laboratory and Field manual of the Human Skeleton*. Columbia: Missouri Archaeological Society.
2. Byers, S.N. 2008. *Forensic Anthropology*. Boston: Pearson Education Ltd.
3. Gunn A. 2009. *Essential Forensic Biology* (2nded). Chichester: Wiley-Blackwell.
4. Modi, R.B.J.P. 2013. *A Text book of Medical Jurisprudence and Toxicology*. Elsevier.
5. Reddy, V.R. 1985. *Dental Anthropology*. New Delhi: Inter-India Publication.
6. Spencer, C. 2004. *Genetic Testimony: A Guide to Forensic DNA Profiling*. New Delhi: Pearson.
7. Wilkinson, C. 2004. *Forensic facial reconstruction*. Cambridge University Press.

S2 ANT-DE-4250: Development Anthropology

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 0]
 Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
 Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

LO1: Learn to analyze development from a critical understanding.

LO2: Understanding developmental implications on local communities, culture and environment.

LO3: Learn the importance of incorporating local knowledge and community participation in development initiatives

Course Outcomes

CO 1: Students will gain a comprehensive understanding of the fundamental concepts, definitions, and indices of growth and development. They will explore the history and growth of development anthropology, and learn about the role of anthropology in the development process.

CO 2: Students will be able to critically analyze major theories of development. They will explore the relationship between culture and development, and engage with critical perspectives on development. Students will understand the debates and implications of different development paradigms.

CO 3: Students will develop an understanding of the approaches to development planning in India, including the Five Year Plans, Tribal Sub Plan, community development, and Panchayati Raj. They will explore the government's vision for development, such as the idea of *Viksit Bharat@2047*.

CO 4: Students will be able to evaluate the issues of sustainability in development, understanding the concept of sustainable development and its importance. They will learn about key frameworks and explore participatory approaches in development.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction Definition, meaning and concept of growth and development: History and Growth of Development Anthropology; Indices of Development; Role of anthropology in development process.	15	1
T2	Theories of Development Modernization, Dependency and World System theory: Culture and development. Development as colonization (Escobar), Anthropological critic of development (Robert Chambers and Majiid Rahnema, Post development reader)	15	2
T3	Development planning in India Approaches to development in India; Five year plans, development planning in India; Tribal Sub Plan, Community development and Panchayati Raj; Idea of <i>Viksit Bharat@ 2047</i> .	15	3
T4	Development and sustainability Issues of sustainability in development, concept of sustainable development, Brundtland Commission, Rio convention, participatory approaches in development, recent advances in anthropology of development.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	3	-	-	1	-	-	1	-	3	3	1
CO2	-	-	2	2	-	-	3	2	-	1	-	2	2	3
CO3	2	2	2	2	3	3	-	2	2	3	-	1	2	3
CO4	1	1	2	2	3	2	-	1	2	3	1	-	3	3
Average	1.25	1	2	2.25	1.5	1.25	1	1.25	1	2	0.25	1.5	2.5	2.5

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Suggested Readings

1. Chaudhuri, S.K. 2004. Constraints of Tribal Development. New Delhi. Mittal Publications.
2. Chaudhuri, B. 1990. Tribal development in India; Problems and Prospects, Inter-India, New Delhi.
3. Cochrane, G. 1971. Development Anthropology, OUP, New York.
4. Dubey, S.C. 1988. Modernisation and Development. The search for alternative paradigms. Moduleed Nations University, London
5. Halbar, B.G and C.G. Ussain Khan. 1991. Relevant of Anthropology, the Indian scenario, Rawat Publications, Jaipur.
6. Lewis, D and K. Gardner. 1996. Anthropology, Development and Postmodern Challenge. London: Pluto Press
7. Mair, L. 1984. Anthropology and Development, Macmillan Press, London.
8. Malhotra, R. 1992. Anthropology of Development, Mittal, New. Delhi.
9. Mathur, H.M. 1977. Anthropology in Development Process, Vikas, New. Delhi.
10. Mathur, H.M: 1990. The Human dimension of development: Perspectives from Anthropology. Concept Publishers, New Delhi
11. Pathy, J. 1987. Anthropology of Development. Gyan Publication, Delhi.
12. Pitt-David, C. 1976. Development from below: Anthropologists and development situation, Monton, The Hague.

S2 ANT-CC-4250: Food and Culture

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total =75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Course Objective

The objective of the paper is to introduce the concept of food as part of culture and society from an Anthropological perspective.

Learning Outcomes

By studying the paper, the students will be able to:

- 1. Able to analyze the concept of food in terms of culture.*
- 2. Able to rationalize concepts behind the concept of taboo foods.*
- 3. Able to incorporate local knowledge of food and nutrition from anthropological perspectives.*
- 4. Able to understand the change of food habit among the people at present.*

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction Meaning, approach and evolution of food in the context of society and culture: Food, culture, environment and society.	15	1
T2	Food and Identity Concept of food culture and beverages; Food, folklore and identity; Concept of food taboo in different societies: Reasons, rationalization, and changing scenario in relation to India, world and North East India.	15	2
T3	Food and Practices Food and health, Food and class, food and gender, food and labor, food and social structure, food security and Government policies	15	3
T4	Change in Food Habit Changing scenario in traditional food, impact of modernization and globalization at present, impact of religion on food.	15	4

Practical

Module	Content	Contact Hours	CO
P1	Prepare a project on food habit of the people of state.	10	4
P2	Prepare a report on 3 specific recipes of a particular community in relation to culture.	10	
P3	Prepare a report on food and folklore.	10	

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings:

1. Chaudhuri, S.K. and D. Sarma. 2024. Food Cultures of India. Manohar, New Delhi
2. Mukherjee, K. 2022. Food Power: Expressions of Food Politics in South Asia. Sage Publications, New Delhi
3. Swaminathan, M. 2015. Advanced Textbook on Food and Nutrition. The Bangalore Press
4. Rengarajan, A. 2021. The Washington Manual of Medical Therapeutics. University of St Louis.
5. Srilakshmi, B. 2021. Nutrition Science. New Age International Publishers.
6. Srilakshmi, B. 2018. Food Science. New Age International Publishers.
7. Ramaswami, A. 2010. Food Preservation. Oxford University Press.
8. Ghosh, Suniti. 2007. Fast Food Cooking. Oxford University Press

S2 ANT-CC-4270: Gender and Society

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 00]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives:

This course will expose the students to a fundamental understanding of gender and the related phenomena in historical and contemporary context. Using anthropological lens, the students will explore, interpret, analyze and deal with gender concerns in everyday life.

Course Outcomes

CO 1: Elucidate the theories on the social construction of gender categories.

CO 2: Comprehend gender rights, gender justice in Indian and beyond

CO 3: Describe the contemporary gender issues in its various manifestation

CO 4: Understand gender and gender relation acts as structuring element in human societies

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Understanding concepts Basic understanding on Sex and Gender; Cultural Construction of gender in time and space; Gender identity and expression; Subordination model (Nature Vs Culture and Private Vs Public dichotomy)	15	1, 4
T2	Gender in different societies Dynamics of Gender in matrilineal and patrilineal societies; gender in foraging societies; gender in pastoral and agricultural societies.	15	2, 4
T3	State, Development and Gender Feminist movements and Feminist Anthropology; Mainstreaming of Gender in development; Gender Development Index (GDI); Gender Empowerment (GEM); Women in Development (WID); Women and Development (WAD)	15	2, 3
T4	Emerging issues in Gender Study Deconstruction in Gender studies; Voices of different gender and their concern, Gender Issues in Field Research; Tribal women and Feminism/Representation of tribal women in text and visual.	15	3, 4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	3	3	3	2	2	3	2	2	2	2	2	3	2
CO2	2	2	2	3	2	2	3	2	2	2	2	2	3	2
CO3	2	2	2	3	2	2	3	2	2	2	2	2	3	2
CO4	2	2	2	3	2	2	2	2	2	2	3	3	3	2
Avg	2.25	2.25	2.25	3	2	2	2.75	2	2	2	2.25	2.25	3	2

Suggested Readings:

1. Aneja, Anu. (2019). *Women's and Gender Studies in India: Crossings*. Routledge
2. Channa, Subhadra Mitra. (2013). *Gender in South Asia: Social Imagination and Constructed Realities*. Cambridge University Press.
3. Connell, R.W. (2002). *Gender*. Polity Press, Cambridge
4. Cormack, C. M and M. Strathern. (1998). *Nature, culture and Gender*. University Press, Cambridge.
5. Dube, Leela. 1997. *Women and Kinship: Comparative Perspective on gender in South and South-East Asia*. United Nation University Press, Tokyo.
6. Dube, Leela (Ed.) (2001). *Anthropological explorations in gender: Intersecting Fields*. New Delhi: Sage Publications.
7. Gupta, A.K.1986. *Women and Society: The development Perspective*. Criterion Publication, New Delhi.
8. Kelkar, G and D. Nathan. 1991. *Gender and Tribe*. Zed Books, New Delhi.
9. McGee, R. J and R.L. Warms. 1996. *Anthropological Theories*. Mayfield Publishing, London.
10. McCormack, C. P and Marilyn Strathern. 1980. *Nature, Culture and Gender*. Cambridge University Press, Cambridge.
11. Moore, H.L. 1988. *Feminism and Anthropology*. Polity Press, UK
12. Ortner, Sherry B. (1996). *Making Gender: The Politics and Erotics of Culture*. Boston: Beacon
13. Orthner, S. B and H. Whitehead. 1956. *Sexual Meanings: The Cultural Context of Gender and Sexuality*. Cambridge University Press, Cambridge
14. Rao, A. (2000). *Autonomy: Life Cycle, Gender and Status among Himalayan Pastoralists*. Berghahn Books, Herndon

S2 ANT-MC-4210: Research Publication Ethics

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)

This course aims in introducing the students to basic concept on philosophy, ethics, scientific conduct, aids and tools for research, databases and metrics

Course Outcomes (CO)

CO 1: Students will understand the foundation of philosophy and ethics.

CO 2: Students can understand scientific conduct.

CO 3: Students can access modern research technology tools for research and publication.

CO 4: Students will be able to understand research databases and metrics

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Philosophy and Ethics Introduction to Philosophy: definition, nature, scope, concept, branches. Ethics: definition, moral philosophy, nature of moral judgements and reactions.	15	1
T2	Scientific Conduct Ethics with respect to science and research. Intellectual honesty and research integrity. Scientific misconducts: falsification, fabrication and plagiarism (FFP). Redundant publications: duplicate and overlapping publications, salami slicing. Selective reporting and misrepresentation of data.	15	2
T3	Publication Ethics <ol style="list-style-type: none"> Publication ethics. definition, introduction and importance. Best practices and setting initiatives and guidelines: COPE, WAME. Conflicts of interest. Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa, types. Violation of publication ethics, authorship and contributorship. Identification of publication misconduct, complaints and appeals. Predatory publishers and journals. 	15	2, 3
T4	Databases and Research Metrics <ol style="list-style-type: none"> Databases: Indexing databases; Citation databases - Web of Science, Scopus Research metrics: Impact factor of journals as per journal citation report, SNIP, SJR, IPP, Cite score, h index, g index, i10 index, Almetrics 	15	4

Course Content: Practical

Module	Content	Contact Hours	CO
P1	Module 4: Open Access Publishing <ol style="list-style-type: none"> Open access publications and initiatives SHERPA/ RoMEO online resource to check publisher copyright and self-archiving policies Software tools to identify predatory publications developed by SPPU Journal finder/ journal suggestion tools viz. JANE, Elsevier Journal Finder, Springer journal suggester 	15	3, 4

P2	Module 5: Publication Misconduct 1. Group discussions a. Subject specific ethical issues, FFP, authorship b. Conflicts of interest c. Complaints and appeals: examples of fraud from India and abroad 2. Software tools a. Use of plagiarism software like Turnitin, iThenticate and other open source software tools	15	1, 2, 3
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Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	3	-	2	3	2	-	1	2	3	2	3	3	1
CO2	2	2	2	3	3	1	2	1	3	2	3	3	2	2
CO3	1	1	1	-	-	3	2	3	1	1	2	1	2	3
CO4	1	1	3	-	-	-	2	2	-	-	2	2	2	3
Avg	1.5	1.75	1.5	1.25	1.5	1.5	1.5	1.75	1.5	1.5	2.25	2.25	2.25	2.25

Suggested Readings

Basu D., Chakraborty S, and Sinha A. 2022. Research and Publication Ethics: A Textbook. Concept Publishing Company, Delhi.

MODEL1
SEMESTER PG-III & IV

S 3 & 4 ANT-CC-6110: Dissertation

Credit: 12 [Lecture = 0, Tutorial = 0, Practical = 12]
Credit Hour: Lecture = 00, Tutorial = 00, Practical = 00, Total = 360
Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective (LO)

To train the application of research methodology, tools, and techniques and report writing.

Course Outcomes (CO)

CO 1: Students will learn how to conceptualise research problem.

CO 2: They will also learn about research design.

CO 3: They will also learn to apply research tools and techniques

CO 4: They will also learn how to analyse and write research report

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	3	-	2	3	2	-	1	2	3	2	3	3	1
CO2	2	2	2	3	3	1	2	1	3	2	3	3	2	2
CO3	1	1	1	-	-	3	2	3	1	1	2	1	2	3
CO4	1	1	3	-	-	-	2	2	-	-	2	2	2	3
Avg	1.5	1.75	1.5	1.25	1.5	1.5	1.5	1.75	1.5	1.5	2.25	2.25	2.25	2.25

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Guideline

Under this course each student shall carry out the research work under an assigned faculty member as supervisor based on area of interest and specialization. Student shall finalize their topic and research methodology in consultation with their respective supervisor. The present course shall comprise of four components:

I. Preparation of Research Proposal/ Synopsis:

Student will finalize their topic for research after consultation with their respective supervisor. During the process student will remain engage in book review based on area of interest. Student shall consult their supervisor regularly through group conference (GC) and individual conference (IC) during the preparation of research proposal. Accordingly, students will have to place the synopsis for approval in the 'synopsis approval seminar' (first seminar) conducted by the department.

II. Fieldwork/ Collection of Data:

During the process of synopsis approval student shall be made to visit their chosen field site for pilot survey. So that accordingly student can modify their synopsis to consider the feasibility of study. Student will also be asked to test their Questionnaire/ Schedule during pilot survey before finalization of the same. Once the synopsis is approved by the department board, student will conduct their fieldwork for the collection of data for the stipulated period

as decided by the department.

III. Preparation of Project report/ Dissertation:

After the completion of fieldwork student shall remain engage in data transcription, tabulation and analysis part. During this period too, student shall consult their supervisor regularly through group conference (GC) and individual conference (IC). The minutes of each conference should be incorporated in the dissertation as annexure (format attached). Minimum of one GC and five IC of not less than one hour are mandatory for final submission of dissertation. Student need to present their work progress in the 'work-in-progress seminar' (2nd Seminar) conducted by the department. At the end part, 'pre-submission seminar' (3rd Seminar) shall be conducted by the department for which each student shall be credited mark as a part of internal assessment for this course.

IV. Assessment of Final Project Report/ Dissertation:

For the final assessment of dissertation, viva voce shall be conducted by the external examiner and for the same date will be notified by the department. Each student needs to submit a hard copy of their dissertation to the department at least three days before the viva voce date. It is also to be ensured by the students that dissertation is free from plagiarism (max of 10% similarity acceptable). Plagiarism check should be done using standard/ RGU approved software/ website. The certificate of plagiarism duly signed by the student and respective supervisor should be included in the dissertation. Student need to make two/ three copies of their dissertation: one for self, one for submission to the department for examination, one for supervisor (optional). The dissertation should be printed on both sides. It should be hard/ paper back bound but not spiral binding.

Suggested Readings

1. Srivastav VK. 2004. Methodology and Fieldwork Oxford University Press.
2. Sarantakos S. 2005. Social Research. Palgrave Macmillan
3. Watson CW. 1999. Being There: Fieldwork in Anthropology. Pluto Press

MODEL 2
SEMESTER PG-III

S3 ANT-CC-5110: Visual Anthropology

Credit: 4 [Lecture = 3, Tutorial = 00, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

This course is designed to help students understand how anthropologists have used visual methods to produce anthropological knowledge; it will also help students learn to critically analyze visual media and produce visual images and films that are anthropologically informed.

Course Outcomes

*CO 1: Demonstrate understanding of the inter-disciplinary nature of studying
Visual in Anthropology*

CO 2: Understand social theories of representation and Politics

CO 3: Analyze visual and textual ethnographic representation in different theoretical traditions.

CO 4: Make anthropologically informed documentary films.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Situating Visual Anthropology Historical and Contemporary Trajectories; Interdisciplinarity; Visual Anthropology and the Senses	15	1
T2	Theory and Representation Social Theory of Communication and Ethnographic Semiotic; Theories of Representation; Politics and Poetics of Representation; Indigenous Filmmaking and Self Expression	15	2, 3
T3	Ethnographic Photography and Pictorial Media Relationship between Anthropology and Photography; Photography as tool of ethnographic observation; Photographic analyses; Images as writing; Found Images; Indigenous Media	15	3, 4
T4	Ethnographic Films: Techniques and Ethics Ethnographic film as sensory experience; Case study of ethnographic film making; techniques of Ethnographic Filmmaking; Ethical Issue	15	4

Course Content: Practicum

Module	Content	Contact Hours	CO
P1			

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	2	2	1	2	3	1	2	2	2	2	2
CO2	2	2	2	3	2	2	2	3	2	2	2	2	2	3
CO3	2	2	2	2	2	2	3	2	2	2	2	2	2	3
CO4	2	2	2	3	3	3	3	2	2	2	2	2	3	3
Avg	2	2	2	2.5	2.25	2	2.5	2.5	1.75	2	2	2	2.25	2.75

Suggested Readings:

1. Banks, M and J. Ruby. (eds). (2011). *Made To Be Seen: Perspectives on the History of visual anthropology*. Chicago: University of Chicago Press.
2. Banks, M. (2001). *Visual Methods in Social Research*. London: Sage Press
3. El Guindi, Fadwa. (2015). 'Visual Anthropology: Essential Method and Theory'. In H. Russell Bernard and Clarence C. Gravlee (eds) *Handbooks of Methods in Cultural Anthropology*. Lanham: Rowman and Littlefield.
4. Hockings, Paul. (2003). *Principles of Visual Anthropology*. Berlin: Mouton de Gruyter.
5. Lawrence, Andy. (2020). *Filmmaking for fieldwork: A practical handbook*. Manchester University Press
6. Pink, Sarah. (2010). *Doing Sensory Ethnography*. Sage Publications.
7. Worth, Sol and Larry P Gross. (1981). *Studying Visual Communication*. Philadelphia: University of Pennsylvania Press.

S3 ANT-CC-5120: Borderland Anthropology

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 00]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective

This paper aims to introduce the conceptual and theoretical aspects of borders and borderlands in the discipline of anthropology. It will highlight how anthropology of borders and borderland comes into being and how do territorial borders influence human behaviour and thinking, and how, in turn, do citizens manage and manipulate such borders. It will also highlight on the ongoing contemporary researches and empirical significance of the Anthropology of borders and borderlands.

Course Outcomes

CO1: Understand the concept of border from the perspective of cultural history approach.

CO2: Understand the difference between ethnic groups on the basis of border difference.

CO3: Understand to find out the actual people of the land and the foreigners.

CO4: Understand the current trends of research in borderland anthropology.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction History and development of Anthropology of Borderlands; Borderland Research in other Social Sciences; Concept of Borders, Boundaries, Corridor, Frontier and Borderlands in anthropology, Socio-cultural dynamics of borders and borderlands.	15	1
T2	Nation, State and Borders National Identity, Spatial Boundaries, Nation Building, Migration and displacement across borders and Deterritorialization in the context of globalization; Borderland livelihood strategies, cross-border cultural identities, Borderland Network, trades and Linkage.	15	2
T3	Nationalism, Ethnonationalism, Identity State formation, Territorial Politics in Northeast India; Borderland societies, Displaced Communities, Trans-border cultures and communities in contemporary Northeast India.	15	1, 2
T4	Current Trend of Research in Borderland India's North East Borderlands and its transnational neighborhood, Current trends of borderland ethnography.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings:

1. Alvarez, R. R., 1995; *The Mexican-US Border: The Making of an Anthropology of Borderlands*. Annual Review of Anthropology, 24: 447-470.
2. Bhabha, Homi K., 1994; *The Location of Culture*, Routledge, London
3. Daphne, Berdahl, 1999; *Where the World Ended: Re-Unification and Identity in the German Borderland*, University of California Press, London.
4. Donnan, Hastings and Thomas M. Wilson, 1999; *Borders: Frontiers of Identity, Nation and State*. Oxford: Berg Publishers.
5. Kearney, Micheal, 2004; *Changing Fields of Anthropology from Local to Global*, Rowman and Littlefield, Lanham
6. Mishra, Sanghamitra, 2011; *Becoming a Borderland: The Politics of Space and Identity and in Colonial Northeastern India*, Routledge, New Delhi
7. Schendel, Willem Van, 2005; *The Bengal Borderland; Beyond State and Nation in South Asia*, Anthem South Asian Studies, London.
8. Wilson, Thomas M. & Hastings Donnan, (Ed), 1998; *Border Identities: Nation and State at International Frontiers*, Cambridge University Press, Cambridge.
9. Wilson, Thomas, and Hasting Donnan, 2012, *A Companion to Border Studies*, Wiley-Blackwell Publishing, Oxford, UK

S3 ANT-CC-5130: Human Population Genetics

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)

This paper aims in introducing the students how genetics can be study in population. It will also make understand the forces of human variation

Course Outcomes (CO)

CO 1: Understand the implication of Hardy-Weinberg Equilibrium in population

CO 2: Understand the different force of human variation and its inter-relation

CO 3: Understand the tools for phylogenetic analysis.

CO 4: Understand genetic polymorphism and its relation to certain diseases

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction Concept and application of population; Mendelian population; gene pool; Allele frequency and genotype frequency; Hardy-Weinberg Equilibrium; testing equilibrium and measuring departure from it; application of Hardy-Weinberg law in human	15	1
T2	Force of Variation Causes of genetic variation – selection, genetic drift, mutation; genetic isolation and gene flow.	15	2
T3	Genetic polymorphism Basic concept of transient and balanced polymorphism. Consanguinity and inbreeding; Genetic load; Tools for phylogenetic analysis	15	3
T4	Models explaining the maintenance of genetic polymorphism Relationship between sickle cell and malaria, other polymorphism and adaptation to malaria, X-linked polymorphism, selection due to infectious diseases and its association with blood groups and other polymorphism; Haemoglobin polymorphism, thalassaemia and abnormalities of polypeptide chains.	15	2, 3, 4

Course Content: Practical

Module	Content	Contact Hours	CO
P1	Student will conduct a survey/ lab analysis for a morphological feature/ genotype of a polymorphism and calculate Hardy-Weinberg Equilibrium and Chi-Square	30	1, 3

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings

1. Barua, S. 2002. Human Genetics. Kolkata: Classique Books.
2. Boyce, A. J. and C. G. N. Mascie-Taylor. 1996. Molecular Biology and Human Diversity. Cambridge: Cambridge University Press.
3. Cavalli-Sforza L.L., et al. 1994. The History and Geography of Human Genes. Princeton: Princeton University Press.
4. Cavalli-Sforza, L. L. and Bodmer, W.F. 1971. The Genetics of Human Population. San Francisco: WH Freeman & Co.

S3 ANT-CC-5140: Anthropology of Northeast India

Credit: Lecture = 3, Tutorial = 01, Practical = 00,
Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

To explore the anthropological academic works conducted in North East India from Colonial days to modern days.

This paper will also make students aware of the role of academic institutes and research institutes in the growth and development of Anthropology in North East India.

Course Outcomes

On completion, students will be able to:

1. *Demonstrate the understanding of the anthropological history of the communities.*
2. *To learn and understand the society of culture of the North Eastern communities.*
3. *To understand the demographic patterns of the people of North East India.*
4. *To understand the contemporary issues of North East India, in relation to the culture, politics and change.*

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Growth of Anthropology in Northeast India Contribution of Hutton, Mills and Haimendorf in North East India. Contribution of the Universities and the Research Institutes. Ethnographies of North East India: Understanding Ethnographic Research in North East India with special reference to Arunachal Pradesh.	15	1
T2	Physical Anthropology in North East India Growth and development of Physical Anthropology in North East India: Physical Anthropological research in North East India: Human growth and nutrition, serology, population genetics, genetics and disease, dermatoglyphics etc.	15	2
T3	Archeological anthropology in North East India: Rock art of North East India. Beads culture of North East India. Ethnoarcheological research in North East India. Megalithic Traditions in North East India. Contributions of the archeologists of North East India.	15	1, 2
T4	Contemporary Issues of North East India Relevant Constitutional Provisions, Politics of Identity, Migration, Insurgency, Movements, Indignity, Inner Line Permits, Look East Policy and Act East Policy.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings:

1. Arun Kumar, MC, SY Meitei and SK Chaudhuri. (2020). *Cultural Heritage of Manipur*. Routledge, London.
2. Bhattacharya, Mini and SK Chaudhuri. (2016). *Cultural Heritage of Assam*. Routledge, London.
3. Chaudhuri, SK, SS Chaudhuri. (2018). *Beads of Arunachal Pradesh: Emerging Cultural Contexts*. Nyogi Books, New Delhi.
4. Hazarika, Manjil. 2017. *Prehistory and Archaeology of Northeast India: Multidisciplinary Investigation in an Archaeological Terra Incognita*. New Delhi: Oxford University Press.
5. Marak, Q. (2019). *Megalithic Traditions of Northeast India*. New Delhi: Concept.
6. Marak, Q. and S. Chaudhuri. (2020). *The Cultural Heritage of Meghalaya*. New Delhi: IGRMS & Manohar.
7. Marak, Q., G. Bhuyan, A. M. Meitei & T. D. Sangma. (2017). *Misimagre: A Prehistoric factory Site from Garo Hills*. New Delhi: Research India Publication.
8. Marwah, I.S. and V.K. Srivastava. (1987). Khel gate and social structure: a study of their relationship and a note on the place of material culture in anthropology. *Indian Anthropologist*, 17 (2): 63-99

S3 ANT-CC-5150: Art and Anthropology

Credit: Lecture = 3, Tutorial = 0, Practical = 1,

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80,

Learning Objectives

This paper deals with basic aspects of tribal art and craft, its technological as well as social implication in general with a special emphasis on the art heritage of the North Eastern tribes.

Course Outcomes

CO1: Understand various dimensions of culture from anthropological perspectives.

CO2: Understand the concept of art and society from anthropological perspectives.

CO3: Demonstrate the importance of art in relation to social science.

CO4: Understand the concept of globalization and its impact on tribal art at present.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Art and Anthropology Origin and development of Art in Human life and culture. Definition, aims and objectives of art in anthropology. Different forms of art: verbal, visual; musical and performing arts. Functions of art and Interpretation from anthropological perspectives.	15	1
T2	Art and society Interpretation and analysis of society through art. Impact of the art on society.	15	2
T3	Ethnomusicology Concept, aims and objectives. Anthropological and musicological approaches. Interpretation and analysis. Ethnomusicology of Northeast India.	15	3
T4	Art and modernity Impact of modernization/ globalization on the art and craft, art and gender, art and identity, art and development. Art and Intellectual Property Rights.	15	4

Course Content: Theory

Module	Content	Contact Hours	CO
P1	Students have to prepare a report on Indigenous art and craft of any tribe.	15	1
P2	Students have to contribute 2 artistic artefacts from their community (musical instruments, basket or any other craft works)	15	2

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings

1. Bhattacharya, R.K. and S.B. Chakrabarti. 2000. *Indian Artisans: Social Institutions and Cultural Values*. Anthropological Survey of India: Kolkata.
2. Choudhury, R.D. 2011. *Art and Archeology of the Brahmaputra Valley of Assam*. Spectrum Publications, Guwahati.
3. Cordwell, Justine M. 1979. *The Visual Art: Plastic and Graphic*. Mouton Publishers, The Hague
4. Datta, Birendranath. 2012. *Cultural Contours of Northeast India*. Oxford University Press, New Delhi.
5. Elwin, Verrier. 1951. *Tribal Art of Middle India*. London.
6. Elwin, Verrier. 1959. *The Art of Northeast Frontier of India*. Shillong.
7. Forge, Anthony. (Ed). 1973. *Primitive Art and Society*. Oxford University Press, London.
8. Ganguli, Milada. 1986. *Naga Art*. Oxford and IBH Pub Co. Pvt. Ltd, Calcutta.
9. James, Josef. 1989. *Art and Life in India: The Last Four Decades*. IAS, Shimla.

S4 ANT-CC-6110: Dissertation

Credit: 12 [Lecture = 0, Tutorial = 0, Practical = 12]

Credit Hour: Lecture = 00, Tutorial = 00, Practical = 00, Total = 360

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective (LO)

To train the application of research methodology, tools, and techniques and report writing.

Course Outcomes (CO)

CO 1: Students will learn how to conceptualise research problem.

CO 2: They will also learn about research design.

CO 3: They will also learn to apply research tools and techniques

CO 4: They will also learn how to analyse and write research report

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	3	-	2	3	2	-	1	2	3	2	3	3	1
CO2	2	2	2	3	3	1	2	1	3	2	3	3	2	2
CO3	1	1	1	-	-	3	2	3	1	1	2	1	2	3
CO4	1	1	3	-	-	-	2	2	-	-	2	2	2	3
Avg	1.5	1.75	1.5	1.25	1.5	1.5	1.5	1.75	1.5	1.5	2.25	2.25	2.25	2.25

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Guideline

Under this course each student shall carry out the research work under an assigned faculty member as supervisor based on area of interest and specialization. Student shall finalize their topic and research methodology in consultation with their respective supervisor. The present course shall comprise of four components:

I. Preparation of Research Proposal/ Synopsis:

Student will finalize their topic for research after consultation with their respective supervisor. During the process student will remain engage in book review based on area of interest. Student shall consult their supervisor regularly through group conference (GC) and individual conference (IC) during the preparation of research proposal. Accordingly, students will have to place the synopsis for approval in the 'synopsis approval seminar' (first seminar) conducted by the department.

II. Fieldwork/ Collection of Data:

During the process of synopsis approval student shall be made to visit their chosen field site for pilot survey. So that accordingly student can modify their synopsis to consider the feasibility of study. Student will also be asked to test their Questionnaire/ Schedule during pilot survey before finalization of the same. Once the synopsis is approved by the department board, student will conduct their fieldwork for the collection of data for the stipulated period as decided by the department.

III. Preparation of Project report/ Dissertation:

After the completion of fieldwork student shall remain engage in data transcription, tabulation and analysis part. During this period too, student shall consult their supervisor regularly through group conference (GC) and individual conference (IC). The minutes of each conference should be incorporated in the dissertation as annexure (format attached). Minimum of one GC and five IC of not less than one hour are mandatory for final submission of dissertation. Student need to present their work progress in the 'work-in-progress seminar' (2nd Seminar) conducted by the department. At the end part, 'pre-submission seminar' (3rd Seminar) shall be conducted by the department for which each student shall be credited mark as a part of internal assessment for this course.

IV. Assessment of Final Project Report/ Dissertation:

For the final assessment of dissertation, viva voce shall be conducted by the external examiner and for the same date will be notified by the department. Each student needs to submit a hard copy of their dissertation to the department at least three days before the viva voce date. It is also to be ensured by the students that dissertation is free from plagiarism (max of 10% similarity acceptable). Plagiarism check should be done using standard/ RGU approved software/ website. The certificate of plagiarism duly signed by the student and respective supervisor should be included in the dissertation. Student need to make two/ three copies of their dissertation: one for self, one for submission to the department for examination, one for supervisor (optional). The dissertation should be printed on both sides. It should be hard/ paper back bound but not spiral binding.

Suggested Readings

1. Srivastav VK. 2004. Methodology and Fieldwork Oxford University Press.
2. Sarantakos S. 2005. Social Research. Palgrave Macmillan
3. Watson CW. 1999. Being There: Fieldwork in Anthropology. Pluto Press

MODEL3
SEMESTER PG-III

S3 ANT-CC-5110: Visual Anthropology

Credit: 4 [Lecture = 3, Tutorial = 00, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

This course is designed to help students understand how anthropologists have used visual methods to produce anthropological knowledge; it will also help students learn to critically analyze visual media and produce visual images and films that are anthropologically informed.

Course Outcomes

*CO 1: Demonstrate understanding of the inter-disciplinary nature of studying
Visual in Anthropology*

CO 2: Understand social theories of representation and Politics

CO 3: Analyze visual and textual ethnographic representation in different theoretical traditions.

CO 4: Make anthropologically informed documentary films.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Situating Visual Anthropology Historical and Contemporary Trajectories; Interdisciplinarity; Visual Anthropology and the Senses	15	1
T2	Theory and Representation Social Theory of Communication and Ethnographic Semiotic; Theories of Representation; Politics and Poetics of Representation; Indigenous Filmmaking and Self Expression	15	2, 3
T3	Ethnographic Photography and Pictorial Media Relationship between Anthropology and Photography; Photography as tool of ethnographic observation; Photographic analyses; Images as writing; Found Images; Indigenous Media	15	3, 4
T4	Ethnographic Films: Techniques and Ethics Ethnographic film as sensory experience; Case study of ethnographic film making; techniques of Ethnographic Filmmaking; Ethical Issue	15	4

Course Content: Practicum

Module	Content	Contact Hours	CO
P1			

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	2	2	2	2	1	2	3	1	2	2	2	2	2
CO2	2	2	2	3	2	2	2	3	2	2	2	2	2	3
CO3	2	2	2	2	2	2	3	2	2	2	2	2	2	3
CO4	2	2	2	3	3	3	3	2	2	2	2	2	3	3
Avg	2	2	2	2.5	2.25	2	2.5	2.5	1.75	2	2	2	2.25	2.75

Suggested Readings:

8. Banks, M and J. Ruby. (eds). (2011). *Made To Be Seen: Perspectives on the History of visual anthropology*. Chicago: University of Chicago Press.
9. Banks, M. (2001). *Visual Methods in Social Research*. London: Sage Press
10. El Guindi, Fadwa. (2015). 'Visual Anthropology: Essential Method and Theory'. In H. Russell Bernard and Clarence C. Gravlee (eds) *Handbooks of Methods in Cultural Anthropology*. Lanham: Rowman and Littlefield.
11. Hockings, Paul. (2003). *Principles of Visual Anthropology*. Berlin: Mouton de Gruyter.
12. Lawrence, Andy. (2020). *Filmmaking for fieldwork: A practical handbook*. Manchester University Press
13. Pink, Sarah. (2010). *Doing Sensory Ethnography*. Sage Publications.
14. Worth, Sol and Larry P Gross. (1981). *Studying Visual Communication*. Philadelphia: University of Pennsylvania Press.

S3 ANT-CC-5120: Borderland Anthropology

Credit: 4 [Lecture = 3, Tutorial = 1, Practical = 00]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective

This paper aims to introduce the conceptual and theoretical aspects of borders and borderlands in the discipline of anthropology. It will highlight how anthropology of borders and borderland comes into being and how do territorial borders influence human behaviour and thinking, and how, in turn, do citizens manage and manipulate such borders. It will also highlight on the ongoing contemporary researches and empirical significance of the Anthropology of borders and borderlands.

Course Outcomes

CO1: Understand the concept of border from the perspective of cultural history approach.

CO2: Understand the difference between ethnic groups on the basis of border difference.

CO3: Understand to find out the actual people of the land and the foreigners.

CO4: Understand the current trends of research in borderland anthropology.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction History and development of Anthropology of Borderlands; Borderland Research in other Social Sciences; Concept of Borders, Boundaries, Corridor, Frontier and Borderlands in anthropology, Socio-cultural dynamics of borders and borderlands.	15	1
T2	Nation, State and Borders National Identity, Spatial Boundaries, Nation Building, Migration and displacement across borders and Deterritorialization in the context of globalization; Borderland livelihood strategies, cross-border cultural identities, Borderland Network, trades and Linkage.	15	2
T3	Nationalism, Ethnonationalism, Identity State formation, Territorial Politics in Northeast India; Borderland societies, Displaced Communities, Trans-border cultures and communities in contemporary Northeast India.	15	1, 2
T4	Current Trend of Research in Borderland India's North East Borderlands and its transnational neighborhood, Current trends of borderland ethnography.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings:

10. Alvarez, R. R., 1995; *The Mexican-US Border: The Making of an Anthropology of Borderlands*. Annual Review of Anthropology, 24: 447-470.
11. Bhabha, Homi K., 1994; *The Location of Culture*, Routledge, London
12. Daphne, Berdahl, 1999; *Where the World Ended: Re-Unification and Identity in the German Borderland*, University of California Press, London.
13. Donnan, Hastings and Thomas M. Wilson, 1999; *Borders: Frontiers of Identity, Nation and State*. Oxford: Berg Publishers.
14. Kearney, Micheal, 2004; *Changing Fields of Anthropology from Local to Global*, Rowman and Littlefield, Lanham
15. Mishra, Sanghamitra, 2011; *Becoming a Borderland: The Politics of Space and Identity and in Colonial Northeastern India*, Routledge, New Delhi
16. Schendel, Willem Van, 2005; *The Bengal Borderland; Beyond State and Nation in South Asia*, Anthem South Asian Studies, London.
17. Wilson, Thomas M. & Hastings Donnan, (Ed), 1998; *Border Identities: Nation and State at International Frontiers*, Cambridge University Press, Cambridge.
18. Wilson, Thomas, and Hasting Donnan, 2012, *A Companion to Border Studies*, Wiley-Blackwell Publishing, Oxford, UK

S3 ANT-CC-5130: Human Population Genetics

Credit: 4 [Lecture = 3, Tutorial = 0, Practical = 1]

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 30, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80, Practical Exam = 20

Learning Objective (LO)

This paper aims in introducing the students how genetics can be study in population. It will also make understand the forces of human variation

Course Outcomes (CO)

CO 1: Understand the implication of Hardy-Weinberg Equilibrium in population

CO 2: Understand the different force of human variation and its inter-relation

CO 3: Understand the tools for phylogenetic analysis.

CO 4: Understand genetic polymorphism and its relation to certain diseases

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction Concept and application of population; Mendelian population; gene pool; Allele frequency and genotype frequency; Hardy-Weinberg Equilibrium; testing equilibrium and measuring departure from it; application of Hardy-Weinberg law in human	15	1
T2	Force of Variation Causes of genetic variation – selection, genetic drift, mutation; genetic isolation and gene flow.	15	2
T3	Genetic polymorphism Basic concept of transient and balanced polymorphism. Consanguinity and inbreeding; Genetic load; Tools for phylogenetic analysis	15	3
T4	Models explaining the maintenance of genetic polymorphism Relationship between sickle cell and malaria, other polymorphism and adaptation to malaria, X-linked polymorphism, selection due to infectious diseases and its association with blood groups and other polymorphism; Haemoglobin polymorphism, thalassaemia and abnormalities of polypeptide chains.	15	2, 3, 4

Course Content: Practical

Module	Content	Contact Hours	CO
P1	Student will conduct a survey/ lab analysis for a morphological feature/ genotype of a polymorphism and calculate Hardy-Weinberg Equilibrium and Chi-Square	30	1, 3

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings

5. Barua, S. 2002. Human Genetics. Kolkata: Classique Books.
6. Boyce, A. J. and C. G. N. Mascie-Taylor. 1996. Molecular Biology and Human Diversity. Cambridge: Cambridge University Press.
7. Cavalli-Sforza L.L., et al. 1994. The History and Geography of Human Genes. Princeton: Princeton University Press.
8. Cavalli-Sforza, L. L. and Bodmer, W.F. 1971. The Genetics of Human Population. San Francisco: WH Freeman & Co.

S3 ANT-CC-5140: Anthropology of Northeast India

Credit: Lecture = 3, Tutorial = 01, Practical = 00,
Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

To explore the anthropological academic works conducted in North East India from Colonial days to modern days.

This paper will also make students aware of the role of academic institutes and research institutes in the growth and development of Anthropology in North East India.

Course Outcomes

On completion, students will be able to:

5. *Demonstrate the understanding of the anthropological history of the communities.*
6. *To learn and understand the society of culture of the North Eastern communities.*
7. *To understand the demographic patterns of the people of North East India.*
8. *To understand the contemporary issues of North East India, in relation to the culture, politics and change.*

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Growth of Anthropology in Northeast India Contribution of Hutton, Mills and Haimendorf in North East India. Contribution of the Universities and the Research Institutes. Ethnographies of North East India: Understanding Ethnographic Research in North East India with special reference to Arunachal Pradesh.	15	1
T2	Physical Anthropology in North East India Growth and development of Physical Anthropology in North East India: Physical Anthropological research in North East India: Human growth and nutrition, serology, population genetics, genetics and disease, dermatoglyphics etc.	15	2
T3	Archeological anthropology in North East India: Rock art of North East India. Beads culture of North East India. Ethnoarcheological research in North East India. Megalithic Traditions in North East India. Contributions of the archeologists of North East India.	15	1, 2
T4	Contemporary Issues of North East India Relevant Constitutional Provisions, Politics of Identity, Migration, Insurgency, Movements, Indignity, Inner Line Permits, Look East Policy and Act East Policy.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings:

9. Arun Kumar, MC, SY Meitei and SK Chaudhuri. (2020). *Cultural Heritage of Manipur*. Routledge, London.
10. Bhattacharya, Mini and SK Chaudhuri. (2016). *Cultural Heritage of Assam*. Routledge, London.
11. Chaudhuri, SK, SS Chaudhuri. (2018). *Beads of Arunachal Pradesh: Emerging Cultural Contexts*. Nyogi Books, New Delhi.
12. Hazarika, Manjil. 2017. *Prehistory and Archaeology of Northeast India: Multidisciplinary Investigation in an Archaeological Terra Incognita*. New Delhi: Oxford University Press.
13. Marak, Q. (2019). *Megalithic Traditions of Northeast India*. New Delhi: Concept.
14. Marak, Q. and S. Chaudhuri. (2020). *The Cultural Heritage of Meghalaya*. New Delhi: IGRMS & Manohar.
15. Marak, Q., G. Bhuyan, A. M. Meitei & T. D. Sangma. (2017). *Misimagre: A Prehistoric factory Site from Garo Hills*. New Delhi: Research India Publication.
16. Marwah, I.S. and V.K. Srivastava. (1987). Khel gate and social structure: a study of their relationship and a note on the place of material culture in anthropology. *Indian Anthropologist*, 17 (2): 63-99

S3 ANT-CC-5150: Art and Anthropology

Credit: Lecture = 3, Tutorial = 1, Practical = 0,

Credit Hour: Lecture = 45, Tutorial = 00, Practical = 00, Total = 75

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80,

Learning Objectives

This paper deals with basic aspects of tribal art and craft, its technological as well as social implication in general with a special emphasis on the art heritage of the North Eastern tribes.

Course Outcomes

CO1: Understand various dimensions of culture from anthropological perspectives.

CO2: Understand the concept of art and society from anthropological perspectives.

CO3: Demonstrate the importance of art in relation to social science.

CO4: Understand the concept of globalization and its impact on tribal art at present.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Art and Anthropology Origin and development of Art in Human life and culture. Definition, aims and objectives of art in anthropology. Different forms of art: verbal, visual; musical and performing arts. Functions of art and Interpretation from anthropological perspectives.	15	1
T2	Art and society Interpretation and analysis of society through art. Impact of the art on society.	15	2
T3	Ethnomusicology Concept, aims and objectives. Anthropological and musicological approaches. Interpretation and analysis. Ethnomusicology of Northeast India.	15	3
T4	Art and modernity Impact of modernization/ globalization on the art and craft, art and gender, art and identity, art and development. Art and Intellectual Property Rights.	15	4

Course Content: Theory

Module	Content	Contact Hours	CO
P1	Students have to prepare a report on Indigenous art and craft of any tribe.	15	1
P2	Students have to contribute 2 artistic artefacts from their community (musical instruments, basket or any other craft works)	15	2

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	4	3	2	1	1	1	2	3	3	1	2	2	2	2
CO2	3	2	2	2	2	1	2	2	2	2	2	2	2	2
CO3	2	2	1	2	2	2	2	2	1	3	2	2	2	2
CO4	1	2	1	2	3	2	2	2	1	2	2	2	2	2
Avg	2.5	2.25	1.5	1.75	2	1.5	2	2.25	1.75	2	2	2	2	2

Suggested Readings

10. Bhattacharya, R.K. and S.B. Chakrabarti. 2000. *Indian Artisans: Social Institutions and Cultural Values*. Anthropological Survey of India: Kolkata.
11. Choudhury, R.D. 2011. *Art and Archeology of the Brahmaputra Valley of Assam*. Spectrum Publications, Guwahati.
12. Cordwell, Justine M. 1979. *The Visual Art: Plastic and Graphic*. Mouton Publishers, The Hague
13. Datta, Birendranath. 2012. *Cultural Contours of Northeast India*. Oxford University Press, New Delhi.
14. Elwin, Verrier. 1951. *Tribal Art of Middle India*. London.
15. Elwin, Verrier. 1959. *The Art of Northeast Frontier of India*. Shillong.
16. Forge, Anthony. (Ed). 1973. *Primitive Art and Society*. Oxford University Press, London.
17. Ganguli, Milada. 1986. *Naga Art*. Oxford and IBH Pub Co. Pvt. Ltd, Calcutta.
18. James, Josef. 1989. *Art and Life in India: The Last Four Decades*. IAS, Shimla.

SEMESTER PG-IV

S4**ANT-CC-6110: Nutritional Anthropology**

Credit: 4 [Lecture = 3, Tutorial = 01, Practical = 00]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

To understand the basic concepts of nutritional anthropology, its theoretical orientation, methods and application.

Course Outcomes

CO 1: Students will learn about the concepts and growth of nutritional anthropology

CO 2: They will also learn about the theoretical orientation in nutritional anthropology

CO 3: They will also learn the research methods in nutritional anthropology.

CO 4: They will understand the application of nutritional anthropology.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Introduction: Definition, aim and scope, Bio-cultural perspectives of nutritional anthropology, Development of nutritional anthropology- Historical overview, Relationship with other nutritional sciences	15	1
T2	Theoretical Orientation: Ecological model of food and nutrition, Universals in human food use, Materialist Approaches, Ideology, Symbolism, and Social Power in nutritional anthropology, People, Food and Adaptability, Cultural ecology and infant feeding, Food as Medicine, Religion and Food	15	2
T3	Research Methods in Nutritional Anthropology: Ethno-scientific approach, Dietsurvey (weighing method, 24 hours recall method, food frequency questionnaire), Nutritional Anthropometry, Nutritional deficiency signs and symptoms (macro and micro nutrients), Recommended Dietary Allowances (RDAs), Measuring energy expenditure, Statistical methods in nutritional anthropology.	15	3
T4	Applied Nutritional Anthropology: Community studies of infant and young child feeding practices, Nutrition and health education, Qualitative ethnographic evaluation of nutrition and health intervention, Human behaviour related to food and nutrition, Nutrition in the contemporary world- Undernutrition, Dietary transition and globalization, Overnutrition.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings

1. Darna L. Dufour, Alan H. Goodman, Gretel H. Pelto. 2013. Nutritional Anthropology: Biocultural Perspectives on Food and Nutrition. 2nd edition, Oxford University Press, New York.
2. B. Jensen. 2014. Nutritional Anthropology. Global Vision Publishing House; 2nd edition, New Delhi, India.
3. S. Ulijaszek, N. Mann, S. Elton. 2012. Evolving Human Nutrition. Implications for Public Health, Cambridge University Press, Cambridge.
4. Gretel H. Pelto, Pertti J. Pelto, Ellen Messer. 1989. Research Methods in Nutritional Anthropology. United Nation University Press, USA.
5. Michael J. Gibney, Barrie M. Margetts, John M. Kearney, Lenore Arab. 2004. Public Health Nutrition (The Nutrition Society Textbook), Wiley-Blackwell, India.
6. Rao K.V. 2007. Biostatistics: a manual of statistical methods for use in health, nutrition and anthropology. Jaypee Brothers Medical Publishers (P) Ltd, New Delhi, India.
7. C.E. Norman. 2012. Food and Religion. The Oxford Hand Book of Food History, Oxford Handbooks Online.

S4 ANT-CC-6120: Cultural Resource Management

Credit: 4 [Lecture = 3, Tutorial = 01, Practical = 00]

Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60

Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objective (LO)

To introduce the students to the concept, significant, methods and approaches in CRM

Course Outcomes (CO)

CO 1: Students will learn about the concept and development of CRM.

CO 2: Students will learn different methods of preservation.

CO 3: They will also learn about application of CRM.

CO 4: They will learn about the different interdisciplinary approaches of CRM.

Course Content: Theory

Module	Content	Contact Hours	CO
T1	Cultural Resource Management The concept of culture as a resource and its management; Emergence and development CRM: Meaning, nature and scope of CRM	15	1
T2	Application of Cultural Resource Management Cultural Resource Management- the applied field of archeology, CRM in heritage studies. Registration of cultural resources	15	2
T3	Heritage Heritage management and museum methods and its effect on archeology, Heritage: curation, interpretation, preservation and restoration	15	3
T4	Interdisciplinary approach in Cultural Resource Management Cultural Anthropology, history, ethnoarcheology and CRM. Historical approach; Career opportunities in CRM	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	3	2	-	3	3	-	3	2	3	-	3	3	1	1
CO2	3	2	-	2	2	3	2	2	1	-	3	2	2	1
CO3	3	1	3	1	1	2	1	1	2	3	3	3	2	3
CO4	3	1	1	-	1	1	-	1	-	3	3	2	3	3
Avg	3.0	1.5	1.0	1.5	1.75	1.5	1.5	1.5	1.5	1.5	3.0	2.5	2.0	2.0

Suggested Readings

1. Chaudhuri, Sarit Kumar and Mini Bhattacharya. 2017. Cultural Heritage of Assam. Gyan Books, New Delhi
2. Chaudhuri, Sarit Kumar and QueenbalaMarak. 2020. Cultural Heritage of Meghalaya. Routledge, London.
3. Chaudhuri, Sarit Kumar, Sameera Maiti and Charisma K Lepcha. 2017. Cultural Heritage of Sikkim. Barnes and Noble.
4. Chaudhuri, Sarit Kumar, SY Meitei, MC Arun Kumar. 2020. Cultural heritage of Manipur. Manohar Publisher. New Delhi
5. Majumdar, D. N. and T.N. Madan. 1997. *An Introduction to Social Anthropology*. Asia Publishing House, New Delhi.

6. Miller, B. 2011. *Cultural Anthropology* (6thed). PHI Learning Private Limited, New Delhi.
7. Monaghan, J and Just, P. 2000 *Social and Cultural Anthropology: A very Short Introduction*. Oxford University Press, New Delhi.
8. Neumann, Thomas W. and Robert M. Sanford. 2010. *Practicing Archaeology: A Training Manual for Cultural Resources Archaeology*(2nd Edition). Rowman and Littlefield.

S4 ANT-CC-6130: Kinanthropometry and Ergonomics

Credit: 4 [Lecture = 4, Tutorial = 01, Practical = 00]
 Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
 Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

LO1: The students will understand and focus on the assessment and importance of growth and development, nutrition, physical fitness and sports science.

LO2: The ergonomics studies will also help the students to understand the role of anthropometry in the design of various products and equipments.

LO3: The students will be able to understand the concept of Kinanthropometry, the idea of somatotyping, body composition in sports performance.

Course Outcomes

CO 1: CO 2: Study the specific practices and expectations during infancy, childhood, and puberty across cultures. Learn how socialization processes in different cultural contexts shape personality development and behavioral outcomes.

CO 3: Understand how culture influences the development of personality traits and behaviors. Study the concept of modal personality and its application in understanding the dominant personality traits within a culture. Gain knowledge of various methods for assessing personality.

CO 4: Understand the concept of altered states of consciousness and the cultural practices that induce them. Study the role of rituals and possession in different cultures and their psychological and social significance. Stay updated with the latest research and trends in psychological anthropology, including new methodologies and theoretical approaches.

Course Content: Theory

Module	Content	Contact Hours	CO
1	Introduction Introduction to Kinanthropometry, Somatotyping, Body Composition. Role of Kinanthropometry, Somatotyping, Body Composition in Sports Performance.	15	1
2	Man-Machine relationship Man-Machine relationship and operational designing; and its relationship with human factors. Applied ergonomics: Designing and safety, Ergonomics, work and health	15	2
3	Anthropology of sports Anthropology of sports; Physical conditioning, Training-Techniques and Physiological effects, Body composition and Athletes, Nutrition, doping and performance.	15	3
4	Environmental effects on physical performance Environmental effects on physical performance: Effect of heat stress, cold stress and high altitude on physiological response and performance. Physical performance tests, Disability ageing and inclusive design, Physical Activity and Health.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	-	-	3	2	1	2	1	-	1	-	1	3	2
CO2	2	-	-	3	2	1	3	2	-	1	1	3	3	3
CO3	3	-	1	3	-	1	3	-	-	-	3	2	2	3
CO4	3	-	-	3	-	-	3	1	-	1	1	3	3	3
Average	2.5	00	0.25	3	1	0.75	2.75	1	00	0.75	1.25	2.25	2.75	2.75

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Suggested Readings:

1. Applied Bio-mechanics concepts & connections (2008) John Mclester; Peter St. Pierre. Wadsworth Publishing Co.
2. Ergonomics man in his working environment by Murrell, KFH (1965) London; Chapman & Hall.
3. Ergonomics Glossary: Terms Commonly used in Ergonomics by North, K; Stepheton, C; Vogt, Chantal (1982). Published for the Bureau of information and co-ordination of community ergonomics action of the European Coal and Steel Community by Bohn, Scheltema & Holkema (Utrecht).

S4 ANT-CC-6140: Urban Anthropology

Credit: 4 [Lecture = 3, Tutorial = 01, Practical = 0]
 Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
 Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

LO1: Demonstrate understanding of the concept of urbanization.

LO2: The concept and idea of how urban societies are formed.

LO3: How urban anthropology helps in planning and designing of a city and the methodology of studying contemporary urban issues.

Course Outcomes

CO 1: Understand the characteristics of cities and civilizations before industrialization, learn about the internal factors contributing to the development of cities. Study the external influences on urban growth.

CO 2: Grasp the concept of the folk-urban continuum and its relevance to Indian society. Identify the distinguishing features of rural and urban communities and understand how they interact and influence each other.

CO 3: Comprehend the stages and factors driving the urbanization process in India, study the lifestyle and cultural changes associated with living in urban areas. Students will analyze the relationship between urban environments and their inhabitants, covering topics such as resource management, pollution, and sustainable development.

CO 4: Students will be able to analyze how urbanization affects traditional kinship and family structures. Understand the transformation of the caste system in urban settings. Study the role of religion in urban life. Learn about the coexistence of multiple ethnic groups in cities, including the challenges and opportunities for cultural exchange and integration. Examine the processes and policies promoting cultural integration in urban areas.

Course Content: Theory

Module	Content	Contact Hours	CO
1	Rise of City and Civilization in India Rise of City and Civilization in India - Pre-industrial, Orthogenetic and Heterogenetic; Folk-Urban Continuum of India	15	1
2	Process of Urbanisation Processes of Urbanisation, Urbanism, Urban Structures and Urban Ecology	15	2
3	Basic Features of Urban Social Structure Basic Features of Urban Social Structure- Heterogeneity, Neighbourhood, Slums, Ethnic, Cultural, Linguistic Affiliation of an Indian city	15	3
4	Continuity and Change in Indian Urban Society Continuity and Change in Indian Urban Society- Kinship and Family, Caste, Religion. Secularism, Multi-ethnicity, Cultural Integration	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	1	2	3	-	-	1	-	-	1	-	3	3	1
CO2	-	-	2	2	-	-	3	2	-	1	-	2	2	3
CO3	2	2	2	2	3	3	-	2	2	3	-	1	2	3
CO4	1	1	2	2	3	2	-	1	2	3	1	-	3	3
Average	1.25	1	2	2.25	1.5	1.25	1	1.25	1	2	0.25	1.5	2.5	2.5

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Suggested Readings:

1. Exploring the city inquires towards an urban anthropology. U.Hannertz (1983). Columbia University Press.
2. Urban Anthropology: Cities and their Cultural Setting. R. G. Fox. (1977) Prentice Hall
3. Urban anthropology: Cross-Cultural Studies of Urban Citites. A.W. Southall. (1973). Oxford University Press.
4. Peasant in City. W. Mangin. (1970) Houghon Mifflin
5. Urban anthropology: A Southhall & A.W. Southall (1973). Oxford University Press.
6. Anthropology of the city. E. Eames & J. G. Good. (1977).Prentice Hall.
7. Urban Life. G. GMelch & W.P. Zanner. (1996). Waveland Press
8. Urban Anthropology. J.D. Uzzell & R. Provencher. (1976). W.C. Brown Co. Dubuque.

S4 ANT-CC-6150: Psychological Anthropology

Credit: 4 [Lecture = 3, Tutorial = 01, Practical = 0]
 Credit Hour: Lecture = 45, Tutorial = 15, Practical = 00, Total = 60
 Mark Allotment: Internal Assessment = 20, End Semester Exam = 80

Learning Objectives

LO1: The students will understand and explore the similarities and differences in human cognition, perception, personality, mental health and culture across societies.

LO2: The students will understand the basis of human behavior Cultural, psychological and biological.

LO3: The students will be able to understand the core of psychological anthropology and its relationships with other disciplines and understand the relationship of culture and personality.

Course Outcomes

CO 1: Understand how cultural norms, values, and practices shape human behavior. Comprehend the psychological mechanisms underlying behavior. Grasp the interconnectedness of anthropology, psychology, psychoanalysis, and psychological anthropology, and how they contribute to a holistic understanding of human behavior.

CO 2: Study the specific practices and expectations during infancy, childhood, and puberty across cultures. Learn how socialization processes in different cultural contexts shape personality development and behavioral outcomes.

CO 3: Understand how culture influences the development of personality traits and behaviors. Study the concept of modal personality and its application in understanding the dominant personality traits within a culture. Gain knowledge of various methods for assessing personality.

CO 4: Understand the concept of altered states of consciousness and the cultural practices that induce them. Study the role of rituals and possession in different cultures and their psychological and social significance. Stay updated with the latest research and trends in psychological anthropology, including new methodologies and theoretical approaches.

Course Content: Theory

Module	Content	Contact Hours	CO
1	The basis of human behavior The basis of human behaviour- Cultural, psychological and biological. The relationships of anthropology, psychology, psychoanalysis and psychological anthropology	15	1
2	Culture and child-rearing practices Culture and child-rearing practices- infancy, childhood and puberty (comparative and cross cultural). Socialization and personality formation	15	2
3	Culture and personality Culture and personality; Modal personality, Psychopathology, Adult personality; Assessment, inferential and direct	15	3
4	Culturally stimulated altered state of consciousness Culturally stimulated altered state of consciousness; Ritual, Possession, Trance, Mythology, Recent trends in psychological anthropology. National character studies.	15	4

Mapping of POs/PSOs with COs

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PSO1	PSO2	PSO3	PSO4
CO1	2	-	-	3	2	1	2	1	-	1	-	1	3	2
CO2	2	-	-	3	2	1	3	2	-	1	1	3	3	3
CO3	3	-	1	3	-	1	3	-	-	-	3	2	2	3
CO4	3	-	-	3	-	-	3	1	-	1	1	3	3	3
Average	2.5	00	0.25	3	1	0.75	2.75	1	00	0.75	1.25	2.25	2.75	2.75

The Mapping Level Contribution between COs-POs/PSOs are Categorized as [3: High; 2: Medium; 1: Low; -: No Correlation]

Suggested Readings:

1. Psychological anthropology Benedict, Ruth.(1946) *The Chrysanthemum and the Sword: Patterns of Japanese Culture*. New York: New American Library.
2. Erika Bourguignon (1979) *Psychological Anthropology: An Introduction to Human Nature and Cultural Differences*. New York : Holt, Rinehart and Winston.
3. Imgham J. M. (1996) *Psychological Anthropology Reconsidered*. Cambridge: Cambridge University Press
4. Schwartz, Theodore, Geoffrey M. White and Catherine A. Lutz, eds.(1992) *New Directions in Psychological Anthropology*. Cambridge: Cambridge University Press.
5. Shweder, Richard A. and Robert A. LeVine, eds. (1984) *Culture Theory: Essays on Mind, Self and Emotion*. Cambridge: Cambridge University
6. Spiro, Melford E. (1987) *Culture and Human Nature: Theoretical Papers of Melford E. Spiro*. Benjamin Kilborne and L.L. Langness, eds. Chicago: University of Chicago Press.
7. Strauss, Claudia and Naomi Quinn (1997) *A Cognitive Theory of Cultural Meaning*. Cambridge: Cambridge University Press.
8. Sudhir kakar 2001 *The Essential Writings of Sudhir Kakar* Delhi: Oxford University Press
9. *Rethinking Psychological Anthropology*. P. K. Bock. (1974) Wave Land Press
10. *Human Motives & Cultural Models*. R. G. Andrade & C. Stress, (1992). Cambridge University Press.