

**FYUGP STRUCTURE  
AS PER UGC CREDIT FRAMEWORK OF DECEMBER-  
2022**

in

**ANTHROPOLOGY**

**In Dibrugarh University and its affiliated colleges  
(AS PER NEP-2020 GUIDELINES)**



*(Recommended by B.O.S. in Anthropology, D.U. in its meetings held on 23.11.2022, 24.02.2023 & 06.05.2024 and approved by UG Board in its meeting held on ..... and passed by the Academic Council meeting held on ..... and effective from the session .....)*

## FYUGP Course Structure in Anthropology

Year	Semester	Core	Minor	GEC	AEC	SEC	Internship/ Community Engagement / Project	VAC	Research/ Dissertation/	Total
1	I	Fundamentals of Anthropology I  4	Understanding Anthropology I  4	General Anthropology I  3	4	3		2		20
	II	Fundamentals of Anthropology II  4	Understanding Anthropology II  4	General Anthropology II  3	4	3		2		20
<b>UG Certificate</b>										<b>40</b>
2	III	<ul style="list-style-type: none"> <li>• Fundamentals of Anthropology III;</li> <li>• Introduction to Medical Anthropology</li> </ul>	Understanding Anthropology III	General Anthropology III		3		2		20

		4+4	4	3						
	<b>IV</b>	<ul style="list-style-type: none"> <li>• Anthropological Demography;</li> <li>• Tribes and Peasants in India;</li> <li>• Prehistory of Europe;</li> <li>• Fundamentals of Anthropology IV 4+4+4+4</li> </ul>	Understanding Anthropology IV  4							<b>20</b>
<b>UG Diploma</b>		• 32	16	09	08	09	04	06		<b>80</b>
<b>3</b>	<b>V</b>	<ul style="list-style-type: none"> <li>• Population Genetics</li> <li>• Social Organization and Religion in Anthropology</li> <li>• Prehistory of South and Southeast Asia 4+4+4</li> </ul>	Understanding Anthropology V  4				2 +2 (I + CE)  OR 4 (I) / 4 (CE)			<b>20</b>
	<b>VI</b>	<ul style="list-style-type: none"> <li>• Human Genetics</li> <li>• Urban Anthropology</li> <li>• Prehistoric Cultures of India</li> <li>• Fundamentals of Anthropology V 4+4+4+4</li> </ul>	Understanding Anthropology VI  4							<b>20</b>

<b>UG Degree</b>		<ul style="list-style-type: none"> <li>60</li> </ul>	24	-	-	-	-	-	-	<b>120</b>
4	<b>VII</b>	<ul style="list-style-type: none"> <li>Human Growth and Body Composition</li> <li>Visual Anthropology</li> <li>Chalcolithic and Later Cultures of India</li> </ul> 4+4+4	Understanding Anthropology VII  4						Research Ethics and Methodology  4 (RM)	<b>20</b>
	<b>VIII</b>	<ul style="list-style-type: none"> <li>Applied Anthropology</li> <li>Prehistoric Economic Patterns</li> </ul> 4+4	Understanding Anthropology VIII  4						Dissertation 8 (D)  or 2 DSE Courses 4+4 (DSE)  <ul style="list-style-type: none"> <li>Fundamentals of Anthropology VI</li> <li>Understanding Anthropology IX</li> </ul>	<b>20</b>

<b>Honours Degree</b>		80	32	-	-	-	-	-	12	<b>160</b>
5	IX	4+4+4	4						4(P)/ 4 (DSE)	20
	X	4+4	4						8/4+4 (DSE)	20
<b>PG Degree</b>		100	40	-	-	-	-	-	24	<b>200</b>

**(a) Preamble**

The purpose of the NEP FYUGP Curriculum Framework for Anthropology is to change the paradigm of higher education from teacher-centric to learner-centric. It is hoped that this will bring about a significant improvement in the quality of higher education and make the learners both competent and confident to face the challenges of the modern competitive world. The philosophy of this new curriculum framework is pragmatism, to realize that it is not enough for institutions/departments of higher learning to produce good and responsible citizens of the country but also to produce employable graduates and postgraduates. The NEP FYUGP Curriculum Framework for Anthropology is mandated to maintain quality in higher education and better employability of the learners.

**(b) Introduction**

Anthropology thrives itself on its insatiable curiosity about humans and population groups. The study of humanity aims to draw reliable generalizations about population groups and their behaviour in order to gain the most complete understanding of human variation and evolution. Among the many issues that anthropologists attempt to address is a wide range of human concern in the contemporary world. Anthropologists desire to know when and where people first appeared on the planet, how and why they evolved over time, and how and why current human populations differ in some physical characteristics in respect to others. They are also interested in how and why cultures from the past and present differ or resemble in terms of norms, values, rituals, beliefs, and behaviours. Anthropologists are interested in all human populations, not just tribes and peasants, contrary to popular belief. Anthropologists study all aspects of the human population. When describing a group of people, an anthropologist may discuss the history of the region in which they currently reside, the physical environment, the social organization, the general characteristics of their language, the group's settlement patterns, political and economic systems, religion, styles of art, and clothing. Some are more interested in biological or physical aspects of human groups, whereas others are more interested in cultural or linguistic characteristics. Studying prehistory helps to better understand the culture and society contemporary human cultural groups.

### **(c) Learning Outcomes (LOs)**

The learners will be able to

- Develop procedural knowledge that enables the formation of various professional roles related to the area of Anthropology.
- Utilize Anthropological knowledge in addressing and resolving various anthropogenic issues biological and cultural as well as prehistoric past using appropriate principles and methodologies.
- Analyze the biological diversity and the growing pathological conditions among the populations in India and North-east India and the causes for such diversity and public health conditions.
- Become aware of the approaches towards studying social life and cultural diversity in India that will enable the learners to contribute to nation building and social harmony.

### **(d) Programme Outcomes (POs)**

- **PO1:** A skillful group of students will be available to contribute in the human recourse development of the country with expertise in diverse specialized areas of Anthropology.
- **PO2:** The learners will be employable in various research and educational institutions and work as independent researcher in solving various anthropogenic issues including ethnic conflicts and public health concerns.
- **PO3:** The learners will be a part of various population studies institutes for policy making relating to disaster management, environmental issues, and sustainable development.
- **PO4:** The learners will be able to employ the anthropometric parameters and standard techniques to carry out population-based surveys.

### **(e) Programme Specific Outcomes (PSOs)**

- The learners will be able to develop a holistic understanding of social, cultural, and biological dimensions of past and present.
- The learners by then will be aware of different tools to analyze data and their presentation which would help them to be employed in various micro and macro surveys and research.
- The learners will be equipped with skills to appear in various competitive examinations.

**(f) Assessment Methods**

The Department of Anthropology after assessing the learning levels of the students through extempore questions, group discussions during the class hour and also by assessing the semester results of the students, identifies the slow and advanced learners. The slow learners are taken care of by conducting remedial classes. Assessment of progress towards the course/program Course Outcomes is done using a number of assessment methods that are suitable for the teaching-learning process. Formative evaluation is given priority. Assessment methods include time-constrained exams, closed-book and open-book tests (whenever required), problem-based assignments, laboratory reports, observations of practical skills, individual project reports (dissertation), team project reports, oral presentations, including seminar presentations, viva voce interviews as well as any other methods that may be used.

**(g) Attainment Strategy**

In attainment strategy, the process will start from defining course outcomes for different courses, then establishing co-relation between CO-PO and finally calculating the attained LOs and POs, the direct and indirect tools will be involved in calculating LO and PO attainments. In the direct tools various theory and practical courses, projects and placement will be included. The indirect tools will be consisted of survey and exit interviews of the learners and employers.

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**FYUGP STRUCTURE AS PER UGC CREDIT FRAMEWORK OF DECEMBER- 2022**  
**ANTHROPOLOGY**  
**DIBRUGARH UNIVERSITY, RAJABHETA, DIBRUGARH – 786004**

Year	Semester	Course	Title of the Course	Total Credit	
Year 01	1 <sup>st</sup> Semester	C - 1	<b>FUNDAMENTALS OF ANTHROPOLOGY I</b>	4	
		Minor 1	<b>UNDERSTANDING ANTHROPOLOGY I</b>	4	
		GEC - 1	<b>GENERAL ANTHROPOLOGY I</b>	3	
		AEC 1		4	
		VAC 1		2	
		SEC 1		3	
					<b>20</b>
	2 <sup>nd</sup> Semester	C - 2	<b>FUNDAMENTALS OF ANTHROPOLOGY II</b>	4	
		Minor 2	<b>UNDERSTANDING ANTHROPOLOGY II</b>	4	
		GEC 2	<b>GENERAL ANTHROPOLOGY II</b>	3	
		AEC 2		4	
		VAC 3		2	
		SEC 2		3	
				<b>20</b>	
<p><b>The students on exit shall be awarded Undergraduate Certificate (in the Field of Study/Discipline) after securing the requisite 40 Credits in Semester 1 and 2 provided they secure 4 credits in work based vocational courses offered during summer term or internship / Apprenticeship in addition to 6 credits from skill based courses earned during 1<sup>st</sup> and 2<sup>nd</sup> Semester</b></p>					
Year 02	3 <sup>rd</sup> Semester	C - 3	<b>FUNDAMENTALS OF ANTHROPOLOGY III</b>	4	
		C - 4	<b>INTRODUCTION TO MEDICAL ANTHROPOLOGY</b>	4	
		Minor 3	<b>UNDERSTANDING ANTHROPOLOGY III</b>	4	
		GEC – 3	<b>GENERAL ANTHROPOLOGY III</b>	3	
		VAC 3		2	
		SEC – 3		3	
					<b>20</b>
	4 <sup>th</sup> Semester	C - 5	<b>ANTHROPOLOGICAL DEMOGRAPHY</b>	4	
		C - 6	<b>TRIBES AND PEASANTS IN INDIA</b>	4	
		C - 7	<b>PREHISTORY OF EUROPE</b>	4	
C - 8		<b>FUNDAMENTALS OF ANTHROPOLOGY IV</b>	4		
Minor 4		<b>UNDERSTANDING ANTHROPOLOGY IV</b>	4		
		Community Engagement (NCC /NSS /Adult Education /Student mentoring / NGO /Govt. Institutions, etc)			

				<b>20</b>
<b>Grand Total (Semester I, II, III and IV)</b>				<b>80</b>
<b>The students on exit shall be awarded Undergraduate Diploma (in the Field of Study/Discipline) after securing the requisite 80 Credits on completion of Semester IV provided they secure additional 4 credit in skill based vocational courses offered during First Year or Second Year summer term</b>				
<b>Year 03</b>	5 <sup>th</sup> Semester	C – 9	<b>POPULATION GENETICS</b>	4
		C – 10	<b>SOCIAL ORGANIZATION AND RELIGION IN ANTHROPOLOGY</b>	4
		C – 11	<b>PREHISTORY OF SOUTH AND SOUTHEAST ASIA</b>	4
		Minor 5	<b>UNDERSTANDING ANTHROPOLOGY V</b>	4
			Internship (I) / Community Engagement (CE) 2+2 (I + CE) or 4 (I) / 4 (CE)	4
	6 <sup>th</sup> Semester	C – 12	<b>HUMAN GENETICS</b>	4
		C – 13	<b>URBAN ANTHROPOLOGY</b>	4
		C – 14	<b>PREHISTORIC CULTURES OF INDIA</b>	4
		C – 15	<b>FUNDAMENTALS OF ANTHROPOLOGY V</b>	4
		Minor 6	<b>UNDERSTANDING ANTHROPOLOGY VI</b>	4
		<b>Total</b>		
<b>Grand Total (Semester I, II, III and IV, V and VI)</b>				<b>120</b>
<b>The students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) Honours (3 years) after securing the requisite 120 Credits on completion of Semester 6</b>				
<b>Year 04</b>	7 <sup>th</sup> Semester	C – 16	<b>HUMAN GROWTH AND BODY COMPOSITION</b>	4
		C – 17	<b>VISUAL ANTHROPOLOGY</b>	4
		C – 18	<b>CHALCOLITHIC AND LATER CULTURES OF INDIA</b>	4
		Minor – 7	<b>UNDERSTANDING ANTHROPOLOGY VII</b>	4
		RM	Research Ethics and Methodology	4
	8 <sup>th</sup> Semester	C – 19	<b>APPLIED ANTHROPOLOGY</b>	4
		C – 20	<b>PREHISTORIC ECONOMIC PATTERNS</b>	4
		Minor – 8	<b>UNDERSTANDING ANTHROPOLOGY VIII</b>	4
		Dissertation or 2 DSE Courses	Dissertation – 8 Credits (Collection of Data, Analysis and Preparation of Report) / 2 DSE Courses of 4 credits each in lieu of Dissertation: DSE – 1 <b>FUNDAMENTALS OF ANTHROPOLOGY VI</b> DSE – 2 <b>UNDERSTANDING ANTHROPOLOGY IX</b>	8 / 4+4
	<b>Grand Total (Semester I, II, III and IV, V, VI, VII and VIII)</b>			
<b>The students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) (Honours with Research) (4 years) after securing the requisite 160 Credits on completion of Semester 8</b>				

**Abbreviations Used:**

- C = Major
- GEC = Generic Elective Course / Multi Disciplinary Course
- AEC = Ability Enhancement Course

- SEC = Skill Enhancement Course
- VAC = Value Added Course

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## FIRST SEMESTER

**Course Title** : **FUNDAMENTALS OF ANTHROPOLOGY I**  
**Course Code** : **ANTH C-1**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

### Course Objectives:

- To describe about the scope and development of Anthropology and its relation to other allied disciplines with special emphasis on socio-cultural Anthropology and its fundamental concepts
- To explain the aim, scope and emergence of Physical Anthropology with basic classification and anatomical comparison of primates in the line of evolution
- To provide a prelude to the basic concepts in relation to Archaeological Anthropology along with its aims, scope and development
- To have a preliminary knowledge on Osteology

UNITS	COURSE CONTENTS	L	T	P	LTP (75 hrs.)
<b>Unit – 1 15 Marks</b>	<b>INTRODUCTION TO ANTHROPOLOGY</b> 1.1. Definition and Scope, 1.2. Relations with other disciplines (Social Science, Physical Science, Natural Science) 1.3. Socio-Cultural Anthropology: Aim, Scope and Development <ul style="list-style-type: none"> <li>• Culture: Definition and Attributes of Culture, Civilization, Culture Trait, Culture Complex</li> <li>• Holism and Cultural Relativism</li> </ul>	12	03		15
<b>Unit – 2 15 Marks</b>	<b>INTRODUCTION TO PHYSICAL ANTHROPOLOGY</b> 2.1. Definition, aim, scope and development	12	03		15



## **Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Summarize the emergence and development of Anthropology and the basic concepts integral to Socio-cultural Anthropology
- CO2: Show the anatomical differences between humans and other primates and the salient features and distribution of living primates
- CO3: Conceptualize the basics in Archaeological Anthropology with regard to some key terms, artefacts, tools, pottery alongside the goal, extent and growth of the Archaeological Anthropology
- CO4: Illustrate, drawing, labeling and describing the bones of human skeleton

## **Suggested Readings:**

Alexander Alland (Jr). 1980. To be human : An Introduction to Anthropology. New York .

Beattie, John. 1976. Other Culture (Chapter I), London: Routledge & Kegan Paul.

Bhattacharyya, D. K. 1997. Prehistoric Archaeology. Hindustan Publishing Corporation.

Buettner-Janusch, J. 1966. Origin of Man. New Delhi : Wiley Eastern Private Ltd.

Butzer, K. W. 1971. Environmental and Archaeology: An ecological approach to prehistory. Aldine and Methuen. Chicago/London.

Carol R. Ember, Melvin R. Ember & Peter N. Peregrine. 2015. Anthropology, 14th Edition. Pearson.

Chester, S. Chard 1975. Man in Prehistory. McGraw Hill, New York.

Daniel, Glyn. 1962. The origin and growth of Archaeology, Penguin Book.

Das, B.M & Ranjan Deka. 1992. Physical Anthropology Practical, Allahabad: Kitab Mahal.

Das, B.M. 1997. Outlines of Physical Anthropology, Allahabad: Kitab Mahal.

Ember, C. R. & M. Ember. 1981. Cultural Anthropology, New Delhi: Oxford Univ. Press.

Evans-Pritchard, E.E. 1972. Social Anthropology (Chapter-II & IV). London: Routledge &

Gary Ferraro, Susan Andreatta. 1992. Cultural Anthropology: An Applied Perspective. Cengage Learning.

Greene Kevin 1996 Archaeology :An Introduction. University of Pennsylvania Press, USA

Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) Human Biology. Oxford

Haviland, William A. 1999. Cultural Anthropology. Harcourt Brace College Publishers.

Herskovits, M. J. 1969. Cultural Anthropology, New Delhi: Oxford.

Hole and Heizer 1966. An Introduction to Prehistoric Archaeology. Holt, Rinehart & Winston.

Hole and Heizer 1966. An Introduction to Prehistoric Archaeology. Holt, Rinehart & Winston,

Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA.

Keesing, F. M. 1958. Cultural Anthropology, Rinehart, New York. Kegan Paul Ltd.

Kroeber, A. L. 1952. The Nature of Culture. University of Chicago Press, Chicago.

Mair, Lucy, 1972. An Introduction to Social Anthropology. Oxford: Clarendon Press. New York.

- Napier, J.R. and Napier, P.H. 1967. A Handbook of Living Primates. New York. Academic Press.  
New York.
- Nystrom P. and Ashmore P. (2011). The Life of Primates. PHI Learning Private Limited, New Delhi.
- Oakley, K.P. 1961. Man the Tool Maker. University of Chicago Press, Chicago.
- Osman Hill, W. C. 1953-1957 Primates. Edinburg, Edinburgh University Press.
- Piddington R. 1950-57. An Introduction to Social Anthropology. Oliver, London
- Rami Reddy, V. 1988. Elements of Prehistory. South Asia Books.
- Sankalia, H. D. 1964. Stone Age Tools, their Techniques and Probable functions, Deccan College.
- Sarkar, R.M. 1994. Fundamentals of Physical Anthropology, Vidyodaya Library Private Limited.
- Schwartz, J H. 1984. Phylogeny of Humans and Orangutans. American Journal of Physical Anthropology 63: 217-220.
- Seth P. K. and Seth S. (1986). The Primates. Northern Book Centre, New Delhi, Allahabad.
- Simpson, G.G. 1945. The Principles of Classification and a Classification of Mammals. Bulletin of American Museum of Natural History, New York. Vol. 85.
- Singh I. P. and Bhasin M.K. (1989). Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Chawri Bazar, Delhi.
- Srivastava, R.P. 2009. Morphology of the Primates and Human Evolution. New Delhi, PHI Learning Pvt. Ltd.
- Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.
- Swindler D. R. (2009). Introduction to the Primates. Overseas Press India Pvt. Ltd., New Delhi.

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**Course Title** : UNDERSTANDING ANTHROPOLOGY I  
**Course Code** : ANTH Minor 1  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

- To define Anthropology in general and Physical Anthropology in particular, the basic terms and classification of mammals in animal kingdom
- To outline the different sub-fields of Social and Cultural Anthropology as a holistic endeavor

- To explain the meaning, aim, scope, development and relationship of Archaeological Anthropology with other cognate sciences
- To provide a basic knowledge on Osteology

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit – 1 15 Marks</b>	<b>UNDERSTANDING PHYSICAL ANTHROPOLOGY</b> 1.1 Introduction to Anthropology 1.2 Definition of Physical Anthropology <ul style="list-style-type: none"> <li>• Its objectives and scope,</li> <li>• Man’s place in animal kingdom,</li> <li>• Characteristics of mammal, its classification.</li> </ul>	12	03		15
<b>Unit – 2 15 Marks</b>	<b>SUB-FIELDS OF SOCIAL AND CULTURAL ANTHROPOLOGY</b> <ul style="list-style-type: none"> <li>• Anthropology of religion</li> <li>• Political anthropology</li> <li>• Economic anthropology</li> <li>• Ecological anthropology</li> <li>• Psychological anthropology</li> <li>• Urban anthropology</li> <li>• Linguistic anthropology</li> <li>• Visual anthropology</li> </ul>	12	03		15
<b>Unit – 3 15 Marks</b>	<b>INTRODUCING ARCHAEOLOGICAL ANTHROPOLOGY</b> <ul style="list-style-type: none"> <li>• Meaning and Scope</li> <li>• Aims and development</li> <li>• Relationship with other cognate sciences</li> </ul>	12	03		15
<b>Unit – 4 15 Marks</b>	<b>PRACTICAL</b> 4.1 Introduction to Osteology, drawing and labeling of the following bones: <ul style="list-style-type: none"> <li>• Frontal</li> <li>• Occipital</li> <li>• Parietal</li> <li>• Temporal</li> <li>• Mandible</li> <li>• Humerus</li> <li>• Scapula</li> <li>• Femur</li> <li>• Tibia</li> <li>• Fibula</li> </ul>		02	28	30

				<b>Total:</b>	36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>					

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-							30 marks
							10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

**Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Analyze the objectives of Physical Anthropology and man's place in animal kingdom
- CO2: Compare the different sub-fields of Social and Cultural Anthropology, and the significance towards the enrichment of the discipline
- CO3: Demonstrate Archaeological Anthropology, emphasizing its domain of interest, growth and relationship with other disciplines
- CO4: Illustrate the bones of human skeleton

**Suggested Readings:**

Ahuja, Ram. 2001. Research Methods. Jaipur: Rawat Publications.

Alexander Alland (Jr). 1980. To be human: An Introduction to Anthropology. New York.

Ashley-Montagu, M.E. 1961. An Introduction to Physical Anthropology. Illinois : Charles C. Thomas.

Barnard, Alan and Jonathan Spencer (eds.) 1996. Encyclopedia of Social and Cultural Anthropology. London: Routledge.

Beattie, John. 2004. Other Cultures: Aims, Methods and Achievements in Social Anthropology. London: Routledge.

Bernard, Russel H. 1995. Research Methods in Anthropology: Qualitative and Quantitative Approaches. California: Sage Publications.

Bhattacharyya, D. K. 1997. Prehistoric Archaeology. Hindustan Publishing Corporation, New Delhi.

Bordes, F. 1968. The Old Stone Age. Weidenfeld and Nicolson, London.

Braidwood, R. J. 1967. Prehistoric Man. Scott Foresman & Co. Chicago.

Brothwell, D. & Higgs, E. (Ed.) 1963. Science in Archaeology. A Comprehensive Survey of Progress and Research, Thames & Hudson. London.

Brown, D. E. (2010). Human Biological Diversity. Tylor & Francis

Buettner-Janusch, J. 1966. Origin of Man. New Delhi : Wiley Eastern Private Ltd.



- Chakrabarti, B.K.1999. India, An Archeological History: Palaeolithic Beginnings to Early Historic Foundations. New Delhi: Oxford University Press.
- Chester, S. Chard 1975. Man in Prehistory. McGraw Hill, New York.
- Clark W.E.L.G. 1959. The Antecedents of Man. Edinburg : Edinburg University Press.
- Clark, G. 1960. Archaeology and Society. W.ill.or. wrappers. London.
- Clark, L. G. 1961. The fossil evidence for human evolution. Chicago : University of Chicago Press.
- Daniel, Glyn.1962. The origin and growth of Archaeology, Penguin Book
- Daniel, Glyn.1971. The Idea of Prehistory, Penguin Book.
- Das, B.M. and R. Deka. Physical Anthropology Practical, Kitap Mahal, New Delhi.
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- Dhavalikar, M.K.(Ed.) 2013. A Comprehensive History of India, Vol.1, Part1. Prehistory of India. New India: Manohar Publishers and Distributors.
- Ember, Carol R. and Melvin R. Ember. 2014. Cultural Anthropology. New Delhi: Pearson.
- Eriksen, Thomas Hylland. 1995. Small Places, Large Issues: An Introduction to Social and Cultural Anthropology. London: Pluto Press.
- Greene Kevin 1996. Archaeology:An Introduction. University of Pennsylvania Press, USA
- Harrison, G.A.; J. M. Tanner; D.R. Pilbeam; and P.T. Baker. 1988. Human Biology. Oxford : Oxford Univ. Press.
- Herskovits, M.J. 1969. Cultural Anthropology. New Delhi: Oxford University Press.
- Hole and Heizer 1966. An Introduction to Prehistoric Archaeology. Holt, Rinehart & Winston, New york.
- Hootan, E.A. 1965. Up from the ape. New York : The Macmillan Co.
- Howells, W.W. 1967. Mankind in the Making. New York : Doubleday.
- Hulse, F.S. 1971. The Human Species. New York : Random House.
- Ingold, Tim (ed.) 1996. Key Debates in Anthropology. London: Berg.
- Katz, S.H. 1975. Biological Anthropology : Readings from Scientific American. San Francisco: W.H. Freeman and Company.
- Kothari, C.R. 2004 Research Methodology: Methods and Techniques. New Age International.
- Larsen, C. S. (Ed.). (2010). A Companion to Biological Anthropology (Vol. 20). John Wiley & Sons.
- Laskar, G.W. 1976. Physical Anthropology. Holt, Rinehart and Wiston.
- Lewis, R. (1980). Evolution: A System of Theories. Perspectives in Biology and Medicine, 23, 551-572.
- Mair, Lucy. 1972. An Introduction to Social Anthropology. Oxford: Clarendon Press.
- Marks, J. (1995). Human Biodiversity: Genes, Race, and History. Aldine de Gruyter, New York.
- Mazumdar, D.N. and T.N. Madan. 1967. An Introduction to Social Anthropology. New Delhi: Asia Publishing House.
- Mukherjee, D., Debaprasad Mukherjee, P. Bharati. 2009. Laboratory Manual for Biological Anthropology, Asian Books Pvt. Ltd, New Delhi.
- Nelson, H., &Jurmain, R. (1988). Introduction to physical anthropology. St. Paul, MN: West Publishing Company.

Oakley, K.P. 1961. Man the Tool Maker. University of Chicago Press, Chicago.

Piddington, Ralph. 1950. An Introduction to Social Anthropology. London: Oliver & Boyd.

Poirier, F.E.; W.A. Stini; and K.B. Wreden. 1994. In search of ourselves : An Introduction to Physical Anthropology. New Jersey: Prentice Hall.

Reddi, V Rami 1988. Elements of Prehistory, South Asia Books

Shankalia, H. D. Stone Age Tools, their Techniques and Probable functions, Deccan College Post-Graduate and Research Institute, Poona.

Shankalia, H. D/ 1974. Pre and Protohistory of India and Pakistan, Deccan College Post-Graduate and Research Institute. Poona.

Simpson, G. G. (1961). Principles of animal taxonomy. Columbia, University Press, New York

Zeuner, F. E. 1946. Dating the Past: An introduction to geochronology, Methuen & Co. London.

Zeuner, F. E. 1959. The Pleistocene period, its climate, chronology and faunal successions, Hutchinson Scientific. London.

**Course Title** : **GENERAL ANTHROPOLOGY - I**

**Course Code** : **ANTH GEC - 1**

**Nature of Course** : **Generic Elective**

**Total Credits** : 3 credits

**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

After the completion of this course, the learner will be able to:

- To recognize Anthropology and its cognate sciences with special emphasis on Physical Anthropology, basic knowledge on mammals and organic evolution
- To describe the key concepts of society and culture in social and cultural anthropology
- To explain the fundamentals of Archaeological Anthropology, Prehistoric Culture and chronology

UNITS	COURSE CONTENTS	L	T	P	LTP (45hrs.)
<b>Unit 1</b> 15 Marks	<b>EMERGENCE OF ANTHROPOLOGY</b> 1.1 Definition and its branches 1.2 Aim, scope and relationship with allied disciplines 1.3 Its history and development	09	02		11

<b>Unit 2</b> 15 Marks	<b>INTRODUCTION TO PHYSICAL ANTHROPOLOGY</b> 2.1 Definition and objectives of Physical Anthropology 2.2 Scope and relationship with allied disciplines 2.3 Man's place in animal kingdom. 2.4 Concept of organic evolution 2.5 Origin of Life	10	02		12
	<ul style="list-style-type: none"> <li>• Theory of Special Creation</li> <li>• Theory of Spontaneous Generation</li> <li>• Theory of Steady State</li> <li>• Theory of Cosmozoan Origin</li> <li>• Biochemical Origin</li> <li>• Urey and Miller's Experiments</li> </ul>				
<b>Unit 3</b> 15 Marks	<b>SOCIETY AND CULTURE</b> 3.1 Concept of Society and Culture 3.2 Status and role 3.3 Social institutions 3.4 Religion and magic 3.5 Simple economy	09	02		11
<b>Unit 4</b> 15 Marks	<b>BASICS OF ARCHAEOLOGICAL ANTHROPOLOGY</b> 4.1 Aim and scope 4.2 Relationship with allied disciplines. 4.3 Understanding Prehistoric Culture <ul style="list-style-type: none"> <li>• Tools and Artefacts</li> <li>• Tool Typology</li> </ul> 4.4 Concept of Chronology	09	02		11
<b>Total:</b>		37	08		45

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

Two Unit test - - - - -	<u>40 marks</u>
Any <u>one</u> of the following activities listed below - -	30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	10 marks

**Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Interpret the branches of Anthropology, its aim and scope and man's place in animal kingdom along with the theories of organic evolution

- CO2: Analyze the fundamental terms and their application in the thoughts of social and cultural anthropology
- CO3: Develop a clear understanding of the fundamental issues relating to Archaeological Anthropology; Prehistoric tool typology, cultural period and basics to chronology

### **Suggested Readings:**

- Beattie, John. 1976. *Other Culture*, London: Routledge & Kegan Paul.
- Bhattacharyya, D. K. 1997. *Prehistoric Archaeology*. Hindustan Publishing Corporation.
- Birdsell, J.B., 1975. *Human Evolution: An Introduction to the New Physical Anthropology* (2nd Edn.). Rand McNally College Publishing Co., Chicago, 29, 37.
- Brace, C.L. and Montagu, M.F.A. 1969. *Man's Evolution: An Introduction to Physical Anthropology*, Macmillan Buehner- Janusch, J. 1966. *Origins of Man*. New York: John Wiley
- Das, B.M. 1997. *Outlines of Physical Anthropology*, Allahabad: Kitab Mahal.
- Dube SC. (1992). *Indian Society*. National Book Trust, India : New Delhi.
- Ember, C. R. & M. Ember. 1981. *Cultural Anthropology*, New Delhi: Oxford Univ. Press.
- Evans-Pritchard, E.E. 1972. *Social Anthropology* (Chapter-II & IV). London: Routledge & Kegan Paul Ltd.
- Gary Ferraro, Susan Andreatta. 1992. *Cultural Anthropology: An Applied Perspective*. Cengage Learning.
- Gupta, Dipankar. 1992. *Social Stratification*. OUP India
- Haviland, William A. 1999. *Cultural Anthropology*. Harcourt Brace College Publishers.
- Herskovits, M. J. 1969. *Cultural Anthropology*, New Delhi: Oxford
- Hole and Heizer 1966. *An Introduction to Prehistoric Archaeology*. Holt, Rinehart & Winston,
- Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). *Introduction to Physical Anthropology*. Wadsworth Publ., USA.
- Keesing, F. M. 1958. *Cultural Anthropology*, Rinehart, New York.
- Kroeber, A. L. 1952. *The Nature of Culture*. University of Chicago Press, Chicago.
- Mair, Lucy, 1972. *An Introduction to Social Anthropology*. Oxford: Clarendon Press. New York. New York.
- Oakley, K.P. 1961. *Man the Tool Maker*. University of Chicago Press, Chicago.
- Piddington R. 1950-57. *An Introduction to Social Anthropology*. Oliver, London
- Rami Reddy, V. 1988. *Elements of Prehistory*. South Asia Books.
- Rastogi, V.B., 1994. *Organic Evolution*. Kedarnath Ramnath, India, 81-86.
- Sankalia, H. D. 1964. *Stone Age Tools, their Techniques and Probable functions*, Deccan College.
- Sarkar, R.M. 1994. *Fundamentals of Physical Anthropology*, Vidyodaya Library Private Limited.
- Zeuner, F. E. 1946. *Dating the Past: An introduction to geochronology*, Methuen & Co. London.

CO PO MAPPING

SEMESTER I : CO PO MAPPING					
Course	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
ANTH C - 1	CO1	✓	✓		
	CO2	✓	✓	✓	
	CO3	✓			
	CO4	✓	✓		✓
ANTH	CO1	✓			
	CO2	✓	✓		

MINOR 1	CO3	✓			
	CO4		✓		✓
ANTH	CO1	✓			
	CO2	✓	✓		
GEC - 1	CO3	✓			✓

### SECOND SEMESTER

**Course Title** : **FUNDAMENTALS OF ANTHROPOLOGY II**  
**Course Code** : **ANTH C-2**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

- Discuss the basic concepts of organic evolution in Physical Anthropology and the functional relevance of Evolutionary changes in human skeleton
- Explain the different sub-fields of Social and Cultural Anthropology as a holistic endeavor
- Identify the various methods of studying Archaeological Anthropology in addition to key concepts of glaciation, pluviation, tool making techniques, typology and cultural periods
- Describe different types of tools belonging to diverse cultural periods along with its major identifying characteristics by drawing some of the specimens

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	<b>BASIC THEORY OF CULTURE CHANGE</b> 1.1 Evolutionism 1.2 Neo-Evolutionism	12	03		15

	1.3 Diffusionism 1.4 Culture Area Approach 1.5 Acculturation 1.6 Assimilation 1.7 Innovation and Invention				
<b>Unit 2</b> 15 Marks	<b>EVOLUTION: CONCEPT AND THEORIES</b> 2.1 Traditional theories of origin of Life <ul style="list-style-type: none"> <li>• Theory of Special Creation</li> <li>• Theory of Spontaneous Generation</li> <li>• Theory of Steady State</li> <li>• Theory of Cosmozoan Origin</li> <li>• Biochemical Origin</li> <li>• Urey and Miller's Experiments</li> </ul> 2.2 Lamarckism 2.3 Darwinism 2.4 Modern Synthetic Theory 2.5 Evolutionary changes of primates emphasizing skull, dentition and limbs. 2.6 Functional relevance of Evolutionary changes in human skeleton.	12	03		15
<b>Unit 3</b> 15 Marks	<b>STUDIES ON ARCHAEOLOGICAL ANTHROPOLOGY</b> 3.1 Methods of studying Archaeological Anthropology 3.2 Geological time scale, 3.3 Geochronology of Pleistocene epoch <ul style="list-style-type: none"> <li>• Glacial and inter glacial</li> <li>• Pluvial and inter pluvial</li> </ul> 3.4 Techniques of tool manufacture 3.5 Tool typology and cultural nomenclature	12	03		15
<b>Unit 4</b> 15 Marks	<b>Practical:</b> 4.1 Tool typo-technology Students have to identify, draw and describe the following tools : <ul style="list-style-type: none"> <li>• Core tools (2)</li> <li>• Flake tools (2)</li> <li>• Blade tools (2)</li> <li>• Bone tools (2)</li> <li>• Microliths (3)</li> <li>• Ground and polished celts (2)</li> </ul>		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

### **Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below	-	-					30 marks
							10 marks

### **Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Demonstrate the different sub-fields of Social and Cultural Anthropology and significance towards the enrichment of the discipline.
- CO2: Summarize the concepts and theories of organic evolution and to analyze the functional relevance of evolutionary changes in human skeleton.
- CO3: Interpret different methods relating to the study of Archaeological Anthropology, the geological time and climate of prehistoric age along with the tool technology and typology of prehistoric cultural periods.
- CO4: Categorize different prehistoric tools and their significant characteristics.

### **Suggested Readings:**

Annemarie De Waal Malefijt. 1974. Images of Man: A History of Anthropological Thought.

Ashley-Montagu, M.E. 1961. An Introduction to Physical Anthropology. Illinois

Barnard, A. 2000. History and Theory in Anthropology. Cambridge: University Press.

Bhattacharya D.K. (1979). Old Stone Age Tools and Techniques. Calcutta, K.P. Bagchi Company.

Bhattacharyya, D. K. 1997. Prehistoric Archaeology. Hindustan Publishing.

Birdsell, J.B., 1975. Human Evolution: An Introduction to the New Physical Anthropology (2nd Edn.). Rand McNally College Publishing Co., Chicago, 29, 37.

Buettner-Janusch, J. (1966). Origins of Man: Physical Anthropology. John Wiley & Sons, Inc., New York, London, Sydney.

Carol R. Ember, Melvin R. Ember & Peter N. Peregrine. 2015. Anthropology, 14th Edition. Pearson.

Das, B.M. 1997. Outlines of Physical Anthropology, Allahabad: Kitab Mahal.

Das, B.M. 1997. Outlines of Physical Anthropology, Allahabad: Kitab Mahal.

Ember, C.R and M. Ember. 1981. Anthropology. 3rd ed. NJ: Prentice-hall.

Evans-Pritchard, E. 1981. History of Anthropological Thought. New York: Basic Books.

Gary Ferraro, Susan Andreatta. 1992. Cultural Anthropology: An Applied Perspective. Cengage Learning.

Harris, Marvin. 1968. Rise of Anthropological Theory. London: Routledge and Kegan Paul.



Harrison G.A., Tanner, J.M., Pilbeam, D.R., Baker, P.T. (1988) Human Biology. Oxford

Jha, Makhan. 1994. An Introduction to Anthropological Thought. Vikas Publishing House.

Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA.

Kaplan, D and R. Manners. 1968. Theory in Anthropology. London: Routledge & Kegan.

Moore, Jerry D. 1997. Visions of Culture: An Introduction to Anthropological Theories and Theorists. AltaMira Press.

Osman Hill, W. C. 1953-1957 Primates. Edinburg, Edinburgh University Press.

Rastogi, V.B., 1994. Organic Evolution. Kedernath Ramnath, India, 81-86.

Sankalia, H. D. Stone Age Tools, their Techniques and Probable functions, Deccan College.

Sarkar, R.M. 1994. Fundamentals of Physical Anthropology, Vidyodaya Library Private Limited.

Simpson, G.G. 1945. The Principles of Classification and a Classification of Mammals. Bulletin of American Museum of Natural History, New York. Vol. 85.

Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.

Vijay S. Upadhyay & . 1993. History of Anthropological Thought. Concept Publishing Company.

**Course Title** : **UNDERSTANDING ANTHROPOLOGY II**  
**Course Code** : **ANTH Minor 2**  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

- To describe the distinguishing features and classification of primates the classical and modern theories of evolution.
- To explain the basic terms and concepts integral to the study of human society in Social and cultural Anthropology
- To identify the various scientific methods of dating the past
- To outline the students with the use of Anthropological tools and Methods

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> <b>15 Marks</b>	<b>MAN AS A PRODUCT OF EVOLUTION</b> 1.1 Man as a primate <ul style="list-style-type: none"> <li>• Distinguishing features of primates</li> <li>• Classification of living primates according to</li> </ul>	12	03		15

	Simpson 1.2 Definition and meaning of organic evolution <ul style="list-style-type: none"> <li>• A brief introduction to classical and modern theories of evolution</li> </ul>				
<b>Unit 2 15 Marks</b>	<b>SOCIETY AND SOCIAL ORGANIZATION</b> <ul style="list-style-type: none"> <li>• Concept of Society</li> <li>• Social organization</li> <li>• Values</li> <li>• Taboos</li> <li>• Belief</li> <li>• Worldview</li> <li>• Social behavior</li> <li>• Social conventions</li> <li>• Social mores</li> <li>• Customs and traditions</li> </ul>	12	03		15
<b>Unit 3 15 Marks</b>	<b>CHRONOLOGICAL CONTROLS</b> <p>3.1 Relative Chronology</p> <ul style="list-style-type: none"> <li>• Stratigraphy</li> <li>• Associated finds</li> <li>• Seriation</li> </ul> <p>3.2 Absolute Chronology</p> <ul style="list-style-type: none"> <li>• Radio Carbon</li> <li>• Potassium Argon.</li> </ul>	12	03		15
<b>Unit 4 15 Marks</b>	<b>RESEARCH TOOLS AND METHODS</b> <p>4.1 Operation of Research tools and methods</p> <ul style="list-style-type: none"> <li>• Framing Research questions</li> <li>• Drawing genealogy</li> </ul> <p>*Students may choose a topic of his/her choice to execute the above mentioned tools and methods.</p>		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>							10 marks

### Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Analyze the distinguishing features, classification of primates and also the classical and modern theories of evolution
- CO2: Illustrate human societies, its concepts and the fundamentals of Social and Cultural Anthropology
- CO3: Justify the importance of chronological systems along with some key methods use in Archaeological Anthropology
- CO4: Design relevant research questions scientifically with genealogical charts

### **Suggested Readings:**

Ahuja, Ram. 2001. Research Methods. Jaipur: Rawat Publications.

Alexander Alland (Jr). 1980. To be human: An Introduction to Anthropology. New York.

Ashley-Montagu, M.E. 1961. An Introduction to Physical Anthropology. Illinois : Charles C. Thomas.

Barnard, Alan and Jonathan Spencer (eds.) 1996. Encyclopedia of Social and Cultural Anthropology. London: Routledge.

Beattie, John. 2004. Other Cultures: Aims, Methods and Achievements in Social Anthropology. London: Routledge.

Bernard, Russel H. 1995. Research Methods in Anthropology: Qualitative and Quantitative Approaches. California: Sage Publications.

Bhattacharyya, D. K. 1997. Prehistoric Archaeology. Hindustan Publishing Corporation, New Delhi.

Bordes, F. 1968. The Old Stone Age. Weidenfeld and Nicolson, London.

Braidwood, R. J. 1967. Prehistoric Man. Scott Foresman & Co. Chicago.

Brothwell, D. & Higgs, E. (Ed.) 1963. Science in Archaeology. A Comprehensive Survey of Progress and Research, Thames & Hudson. London.

Brown, D. E. (2010). Human Biological Diversity. Tylor & Francis

Buettner-Janusch, J. 1966. Origin of Man. New Delhi : Wiley Eastern Private Ltd.

Chakrabarti, B.K.1999. India, An Archeological History: Palaeolithic Beginnings to Early Historic Foundations. New Delhi: Oxford University Press.

Chester, S. Chard 1975. Man in Prehistory. McGraw Hill, New York.

Clark W.E.L.G. 1959. The Antecedents of Man. Edinburg : Edinburg University Press.

Clark, G. 1960. Archaeology and Society. W.ill.or. wrappers. London.

Clark, L. G. 1961. The fossil evidence for human evolution. Chicago : University of Chicago Press.

Daniel, Glyn.1962. The origin and growth of Archaeology, Penguin Book

Daniel, Glyn.1971. The Idea of Prehistory, Penguin Book.

Das, B.M. and R. Deka. Physical Anthropology Practical, Kitab Mahal, New Delhi.

Das, B.M.2013 (26<sup>th</sup> Edition). Outlines of Physical Anthropology. Kitab Mahal, New Delhi.

- Dhavalikar, M.K.(Ed.) 2013. A Comprehensive History of India, Vol.1, Part1. Prehistory of India. New India: Manohar Publishers and Distributors.
- Ember, Carol R. and Melvin R. Ember. 2014. Cultural Anthropology. New Delhi: Pearson.
- Eriksen, Thomas Hylland. 1995. Small Places, Large Issues: An Introduction to Social and Cultural Anthropology. London: Pluto Press.
- Greene Kevin 1996. Archaeology:An Introduction. University of Pennsylvania Press, USA
- Harrison, G.A.; J. M. Tanner; D.R. Pilbeam; and P.T. Baker. 1988. Human Biology. Oxford : Oxford Univ. Press.
- Herskovits, M.J. 1969. Cultural Anthropology. New Delhi: Oxford University Press.
- Hole and Heizer 1966. An Introduction to Prehistoric Archaeology. Holt, Rinehart & Winston, New York.
- Hootan, E.A. 1965. Up from the ape. New York : The Macmillan Co.
- Howells, W.W. 1967. Mankind in the Making. New York : Doubleday.
- Hulse, F.S. 1971. The Human Species. New York : Random House.
- Ingold, Tim (ed.) 1996. Key Debates in Anthropology. London: Berg.
- Katz, S.H. 1975. Biological Anthropology : Readings from Scientific American. San Francisco: W.H. Freeman and Company.
- Kothari, C.R. 2004 Research Methodology: Methods and Techniques. New Age International.
- Larsen, C. S. (Ed.). (2010). A Companion to Biological Anthropology (Vol. 20). John Wiley & Sons.
- Laskar, G.W. 1976. Physical Anthropology. Holt, Rinehart and Wiston.
- Lewis, R. (1980). Evolution: A System of Theories. Perspectives in Biology and Medicine, 23, 551-572.
- Mair, Lucy. 1972. An Introduction to Social Anthropology. Oxford: Clarendon Press.
- Marks, J. (1995). Human Biodiversity: Genes, Race, and History. Aldine de Gruyter, New York.
- Mazumdar, D.N. and T.N. Madan. 1967. An Introduction to Social Anthropology. New Delhi: Asia Publishing House.
- Mukherjee, D., Debaprasad Mukherjee, P. Bharati. 2009. Laboratory Manual for Biological Anthropology, Asian Books Pvt. Ltd, New Delhi.
- Nelson, H., &Jurmain, R. (1988). Introduction to physical anthropology. St. Paul, MN: West Publishing Company.
- Oakley, K.P. 1961. Man the Tool Maker. University of Chicago Press, Chicago.
- Piddington, Ralph. 1950. An Introduction to Social Anthropology. London: Oliver & Boyd.
- Poirier, F.E.; W.A. Stini; and K.B. Wreden. 1994. In search of ourselves : An Introduction to Physical Anthropology. New Jersey: Prentice Hall.
- Reddi, V Rami 1988. Elements of Prehistory, South Asia Books
- Shankalia, H. D. Stone Age Tools, their Techniques and Probable functions, Deccan College Post-Graduate and Research Institute, Poona.
- Shankalia, H. D/ 1974. Pre and Protohistory of India and Pakistan, Deccan College Post-Graduate and Research Institute. Poona.
- Simpson, G. G. (1961). Principles of animal taxonomy. Columbia, University Press, New York
- Zeuner, F. E. 1946. Dating the Past: An introduction to geochronology, Methuen & Co. London.

Zeuner, F. E. 1959. The Pleistocene period, its climate, chronology and faunal successions, Hutchinson Scientific. London.

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**Course Title** : **GENERAL ANTHROPOLOGY II**  
**Course Code** : **ANTH GEC 2**  
**Nature of Course** : **Generic Elective**  
**Total Credits** : 3 credits  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To describe the basic concepts, characteristics and classification of Indian Society focusing on tribe, caste, class and village
- To recognize evolutionary changes in human skeleton in comparison to ape
- To explain an idea about theories of organic evolution.
- To outline Palaeolithic cultures and their industries in time and space

UNITS	COURSE CONTENTS	L	T	P	LTP (45hrs.)
<b>Unit 1 15 Marks</b>	<b>INDIAN SOCIETY</b> 1.1 Definition and characteristics of tribe 1.2 Classification of tribe 1.3 Indian village and its characteristics 1.4 Social stratification <ul style="list-style-type: none"> <li>• Caste and class</li> </ul>	10	02		12
<b>Unit 2 15 Marks</b>	<b>ANATOMY OF HUMAN AND APE</b> 2.1 Comparative anatomy of man and apes 2.2 Evolutionary changes in human skeleton 2.3 Non- human primate behaviour	09	02		11
<b>Unit 3 15 Marks</b>	<b>THEORIES OF ORGANIC EVOLUTION</b> <ul style="list-style-type: none"> <li>• Lamarckism</li> <li>• Darwinism and Neo-Darwinism</li> <li>• De Vries Theory</li> <li>• Modern Synthetic Theory of Evolution</li> </ul>	09	02		11
<b>Unit 4 15 Marks</b>	<b>PALAEOLITHIC CULTURE</b> Palaeolithic Culture of <ul style="list-style-type: none"> <li>• Europe</li> </ul>	09	02		11

	<ul style="list-style-type: none"> <li>• Africa</li> <li>• India</li> </ul> (Abbevilian and Acheulian, Oldowan and Soanian)				
<b>Total:</b>		37	08		45

**Where,                      L: Lectures                      T: Tutorials                      P: Practicals**

**Modes of In-Semester assessment:**

	<u>40 marks</u>
Two Unit test - - - - -	30 marks
Any <u>one</u> of the following activities listed below- -	10 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	

**Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Interpret the social stratification that exists in the Indian society and the diversity within.
- CO2: Compare the anatomy of man and apes and the evolutionary changes in human and non-human primate behaviour.
- CO3: Develop an idea about theories of organic evolution.
- CO4: Analyze the different Palaeolithic cultures emerged in prehistoric time along with the corresponding industries.

**Suggested Readings:**

Behera, Deepak Kumar & Georg Pfeffer. 2008. Contemporary Society: Tribal Studies Volume-4 (Social Realities. Concept Publishing Company Pvt. Ltd.

Dube S.C. (1955). Indian Village. London: Routledge and Kegan Paul Ltd.

Dube SC. (1992). Indian Society. National Book Trust, India : New Delhi.

Gupta, Dipankar. 1992. Social Stratification. OUP India.

Majumdar D. N. (1950). Affairs of tribes. Lucknow: Universal Publishers Ltd.

Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay

Nystrom P. and Ashmore P. (2011). The Life of Primates. PHI Learning Private Limited, New Delhi.

Seth P. K. and Seth S. (1986). The Primates. Northern Book Centre, New Delhi, Allahabad.

Singh I. P. and Bhasin M.K. (1989). Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Chawri Bazar, Delhi.

Swindler D. R. (2009). Introduction to the Primates. Overseas Press India Pvt. Ltd., New Delhi.

Vidyarthi L.P. and Rai B.K. (1985) Tribal Culture in India, New Delhi, Concept Publishing Company.

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### CO PO MAPPING

SEMESTER II : CO PO MAPPING					
Course	Program Outcome: PO				
Course Outcome: CO	PO1	PO2	PO3	PO4	
CO1	✓	✓	✓		

ANTH C-2	CO2	✓	✓		✓
	CO3	✓		✓	✓
	CO4	✓			✓
ANTH MINOR 2	CO1	✓	✓		
	CO2	✓		✓	
	CO3		✓		✓
	CO4	✓	✓		✓
ANTH GEC - 2	CO1	✓	✓	✓	✓
	CO2	✓	✓	✓	✓
	CO3	✓	✓		
	CO4	✓			✓

### THIRD SEMESTER

**Course Title** : **FUNDAMENTALS OF ANTHROPOLOGY III**  
**Course Code** : **ANTH C - 3**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To identify the basic ethics of empirical tradition in Anthropology focusing on the established ethnographic methods and techniques of data collection



- To explain the emergence and evolutionary aspect of primates as well as modern human and the biological concept of Race
- To illustrate the different dating methods that assists the study of Archaeological Anthropology and the cultures that flourished in prehistoric timelines
- To apply the technique of cartography, survey schedules, demographic analysis and the skills of preparing research project

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	<p><b>EMPIRICAL TRADITION IN ANTHROPOLOGY</b></p> <p>1.1 Pre-requisites of Anthropological Fieldwork</p> <ul style="list-style-type: none"> <li>• Rapport establishment</li> <li>• Impression management</li> </ul> <p>1.2 Field methods and techniques</p> <ul style="list-style-type: none"> <li>• Observation method</li> <li>• Survey method</li> <li>• Questionnaire and Schedule method</li> <li>• Interview method</li> <li>• Genealogical method</li> <li>• Case study method</li> <li>• Life history method</li> <li>• Photographic and cartographic method</li> </ul>	12	03		15
Unit 2 15 Marks	<p><b>PRIMATE</b></p> <p>2.1 Emergence and Evolution</p> <ul style="list-style-type: none"> <li>• Adapedie</li> <li>• Anaptomorphidae</li> <li>• Parapithecus</li> <li>• Propliopithecus</li> </ul> <p>2.2 Human Evolution</p> <ul style="list-style-type: none"> <li>• Dryopithecine</li> <li>• Australopithecine</li> <li>• Homo erectus</li> <li>• Homo Neanderthals</li> <li>• Homo Sapiens (Grimaldi, Chancelade, Cro-Magnon)</li> </ul> <p>2.3 Concept of Race</p> <ul style="list-style-type: none"> <li>• Racial criteria</li> <li>• UNESCO statement on Race</li> </ul>	12	03		15
Unit 3 15 Marks	<p><b>CHRONOLOGY AND PREHISTORIC TIMELINES</b></p> <p>3.1 Methods of estimation of time</p> <ul style="list-style-type: none"> <li>• Relative dating (Stratigraphy, Palynology, Fluorine</li> </ul>	12	03		15

	analysis, Associated finds) • Absolute dating (C14, Potassium Argon, Dendrochronology, Thermoluminescence) 3.2 Cultures in Pleistocene and Holocene Epoch • Paleolithic • Mesolithic • Neolithic (Olduvai Gorge, St. Acheul, Bhimbetka, Daojali Hading)				
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> • Mapping of the micro field • Household survey (20 Households) and analysis • A Project on a Social issue or Prospects of Tourism		02	28	30
<b>Total:</b>		36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>		

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
							10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

**Course Outcomes:**

On completion of this Course, a student will be able to:

1. CO1: Apply the various methods and techniques of data collection in ethnographic fieldwork
2. CO2: Compare the evolutionary stages of primates including modern human and biological concept of race
3. CO3: Analyze the relative and absolute dating methods with their divisions and prehistoric timelines
4. CO4: Prepare a project report on a Social issue or Prospects of Tourism

**Suggested Readings**

Ashley-Montagu, M.E. 1961. An Introduction to Physical Anthropology. Illinois.

- Bernard H.R. (1940). *Research Methods in Cultural Anthropology*. Newbury Park: Sage Publications.
- Bernard H.R. *Research Methods in Anthropology, Qualitative and Quantitative Approaches*. Jaipur: Rawat Publications. 2006.
- Boyd, W. C. 1958. *Genetics and the Races of Man*. Boston: Boston University Press.
- Brace, C. L. 1964. On the Race Concept. *Current Anthropology* 5: 313-320.
- Buettner-Janusch, J. 1969. *Origins of Man*. New Delhi: Wiley Eastern Private Limited.
- Butzer, K. W. 1971. *Environmental and Archaeology: An ecological approach to prehistory*.
- Cameron, D. W. (2004). *Hominid Adaptations and Extinctions*. Australia: University of New South Wales Press Ltd.
- Carol R. Ember, Melvin R. Ember & Peter N. Peregrine. 2015. *Anthropology*, 14th Edition. Pearson.
- Conroy, G. C. (1990). *Primate Evolution*. Norton, London.
- Coon, C. S. 1962. *The Origin of Races*. New York: Alfred A Knopf.
- Danda, Ajit. *Research Methodology in Anthropology*. Inter-India, New Delhi.
- Das, B.M. 1997. *Outlines of Physical Anthropology*, Allahabad: Kitab Mahal.
- Evanch Pritchard, E.E. 1972. *Social Anthropology*. Routledge and Kegan Paul. London.
- Gary Ferraro, Susan Andreatta. 1992. *Cultural Anthropology: An Applied Perspective*. Cengage Learning.
- Goode, W. J. and P.J. Hatt. 1952. *Methods in Social Research*. McGraw Hill Book Company, Auckland.
- Hooton, E.A. (1946). *Up from the Ape*. Mcmillan, New York.
- Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). *Introduction to Physical Anthropology*. Wadsworth Publ., USA.
- Livingstone, F. B. 1962. On the non-Existence of Human Race. *Current Anthropology* 3: 279-281.
- Murdock G.P, *Outlines of Cultural Materials*. Human Relations Area Files, New Haven. CT.
- O'reilly K. (2012). *Ethnographic Methods*. Abingdon: Routledge.
- Pandey, G. (2010). *Bio-Cultural Evolution*. Concept Publishing Company Pvt. Ltd., New Delhi.
- Pelto, P. J. and Grefel H. Pelto. 1970. *Anthropological Research : The Structure of Inquiry*. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods' In *Notes and Queries on Anthropology*. London: Routledge & Kegan Paul Ltd.
- Shukla, B. R. K., & Rastogi, S. (1991). *An Introduction to Physical Anthropology and Human Genetics*. PalakaPrakashan, Delhi.
- Statement on Race: Annotated Elaboration and Exposition of the Four Statements on Race (1972). Issued by UNESCO. Oxford University Press.
- Tattersall, I. (1999). *The last Neanderthal: The rise, success, and mysterious extinction of our closest human relatives*. Basic Books.
- Trinkaus, E. (1986). The Neandertals and modern human origins. *Annual Review of Anthropology*, 15(1), 193-218.

Young, P.V. 1966. Scientific Social Survey and Research. Prentice Hall. Englewood Cliffs.  
 Zeuner, F. E. 1946. Dating the Past: An introduction to geochronology, Methuen & Co. London.

**Course Title** : **INTRODUCTION TO MEDICAL ANTHROPOLOGY**  
**Course Code** : **ANTH C 4**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To outline the concept, aim and scope of Medical Anthropology
- To describe the concept of Nutritional status and epidemiology focusing on maternal and child health and illnesses.
- To explain the concept, aim and scope of Ethnomedicine and Medical Pluralism in India
- To discuss the traditional healing practices and its practitioners in different communities

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>MEDICAL ANTHROPOLOGY</b> 1.1 Concept, Aim & Scope 1.2 Concept of Health, Illness and Disease 1.3 Bio-cultural approach to Medical Anthropology.	12	03		15
<b>Unit 2</b> 15 Marks	<b>MATERNAL AND CHILD HEALTH</b> 2.1 Meaning and definition 2.2 Nutritional status and Nutritional deficiency diseases 2.3 Epidemiology	12	03		15
<b>Unit 3</b> 15 Marks	<b>ETHNOMEDICINE</b> 3.1 Concept, Aim and Scope 3.2 Medical Pluralism in India <ul style="list-style-type: none"> <li>• Ayurveda</li> <li>• Siddha</li> <li>• Unani</li> <li>• Naturopathy</li> <li>• Homeopathy</li> <li>• Allopathy</li> </ul>	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> *Students may be asked to collect two case studies on	02		28	30

	Traditional Healers / practitioners of Ethnomedicine				
		<b>Total:</b>	38	09	28
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>		

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	-	-	-	-	-	-	10 marks

Course Outcomes:

On completion of this Course, a student will be able to:

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**Suggested Readings:**

Basu, S. 1994. Tribal Health in India. Delhi: Manak Publications. Budd, Susan and Ursula

Chaudhuri, B. 1986. Tribal Health: Socio-Cultural Dimensions. New Delhi: Inter-India Publication.

Foster, G.M. 1978. Medical Anthropology. New York: John Wiley.

Freund, P.E.S and M. McGuire. 1995. Health, Illness and the Social Body. NJ: Prentice-Hall.

Good, Byron J. 1993. Medicine, Rationality and Experience: An Anthropological Perspective. Cambridge: Univ. Press.

Harrison, G.A., 1990. Diet and Disease in Traditional and Developing Societies, Cambridge University Press.

Jerome, N; W.Rande, F. Kandel and G.H.Pelto, 1980, Nutritional Anthropology: Contemporary Approach to Diet and Culture. New York : Redgrave Publishing Co.

Jose, Boban K. 1998. Tribal Ethnomedicine: Continuity and Change. New Delhi: APH Publishing.

Kleinman, A., 1980. Patients and healers in the context of culture: An exploration of the borderland between Anthropology, Medicine and Psychiatry. University of California Press, Berkeley.

Landy, D. 1977. Culture, Disease and Healing. New York: Macmillan. Leslie, C. 1976. Asian Medical Systems. Berkeley: University of California Press.

- Mahadevan, K and others, 1999, Reproductive Health of Humankind in Asia and Africa. Delhi: B.R. Publications.
- Ohtsuka, R. and S.J. Ulijaszek (eds.). 2007. Health Change in Asia-Pacific Region. Cambridge: Cambridge University Press.
- Paul, B.D. 1955. Culture, Health and Community. New York: Russel Sage Foundation.
- Paul, B.D., 1965. Health, Culture and Community, New York: Russell Sage Foundation.
- Polgar, S., 1963, Health action in Cross-cultural Perspectives. In Hand Book of Medical
- Read, M. 1966. Culture, Health and Disease. London: Tavistock Publications.
- Sharma. 1994. The Healing Bond: The Patient-Practitioner Relationship and Therapeutic Responsibility. London: Routledge. Caudill,
- Singh, B. and N. Mahanti. 1995. Tribal Health in India. New Delhi: Inter-India.
- Sociology. H.E. Freeman et.al. (Eds). Prentice-Hall, Englewood Cliffs, New Jersey. Read, M., 2003. Culture, Health and Disease. Tabiscope Press.
- W. 1953. Applied Anthropology in Medicine. Chicago: University of Chicago Press.
- Worsley, P. 1982. 'Non-Western Medical Systems'. Annual Review of Anthropology, 11.
- Young, A. 1982. 'The Anthropology of Illness and Sickness'. Annual Review of Anthropology, 11.

**Course Title** : **UNDERSTANDING ANTHROPOLOGY III**  
**Course Code** : **ANTH Minor 3**  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

1. To explain the basic concepts of human genetics with reference to Mendel's law of inheritance and Race concepts
2. To describe the fundamental concepts, thoughts and theories in the study of culture and civilization

3. To outline the basic understanding on the concept of tool, tool types, and major techniques of tool making in prehistory
4. To identify the different tool types by showing their significant identifying characteristics

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>HUMAN GENETICS AND RACE</b> 1.1 Introduction to human genetics 1.2 Mendel's Laws of Inheritance 1.3 Definition of Race <ul style="list-style-type: none"> <li>• Racial Criteria</li> <li>• UNESCO's statement on Race</li> <li>• Racial Prejudice</li> </ul>	12	03		15
<b>Unit 2</b> 15 Marks	<b>CULTURE AND CIVILIZATION</b> 2.1 Concept of culture and civilization 2.2 cultural continuity and change <ul style="list-style-type: none"> <li>• Acculturation</li> <li>• Enculturation</li> <li>• Cultural adaptation</li> </ul> 2.3 Division of labour <ul style="list-style-type: none"> <li>• Social and economic classes</li> </ul> 2.4 Urbanization.	12	03		15
<b>Unit 3</b> 15 Marks	<b>PREHISTORIC TECHNOLOGY</b> 3.1 Basic concept of tool 3.2 Tool typology 3.3 Tool making techniques	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Tool typo-technology: *Students have to identify, systematically draw and describe the following tools: <ul style="list-style-type: none"> <li>• Core tools (2)</li> <li>• Flake tools (2)</li> <li>• Blade tools (2)</li> <li>• Bone tools (2)</li> </ul>		02	28	30
<b>Total:</b>		36	11	28	75

**Modes of In-Semester assessment:**

40 marks

Two Unit test - - - - - 30 marks

Any one of the following activities listed below- - 10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Predict the mode of Mendelian inheritance of human traits and the modern concept of Race with special reference to UNESCO's statement
- CO2: Distinguish between the various concepts integral to the understanding of Human cultures and Civilization
- CO3: Analyze the importance of tool, its various type and manufacturing techniques
- CO4: Illustrate the tool types along with their identification and technological development

**Suggested Readings:**

Alexander Alland (Jr). 1980. To be human: An Introduction to Anthropology. New York.

Ashley-Montagu, M.E. 1961. An Introduction to Physical Anthropology. Illinois : Charles C. Thomas.

Beattie, John. 2004. Other Cultures: Aims, Methods and Achievements in Social Anthropology. London: Routledge.

Bernard, Russel H. 1995. Research Methods in Anthropology: Qualitative and Quantitative Approaches. California: Sage Publications.

Bhattacharyya, D. K. 1997. Prehistoric Archaeology. Hindustan Publishing Corporation, New Delhi.

Bordes, F. 1968. The Old Stone Age. Weidenfeld and Nicolson, London.

Braidwood, R. J. 1967. Prehistoric Man. Scott Foresman & Co. Chicago.

Brothwell, D. & Higgs, E. (Ed.) 1963. Science in Archaeology. A Comprehensive Survey of Progress and Research, Thames & Hudson. London.

Brown, D. E. (2010). Human Biological Diversity. Tylor & Francis

Buettner-Janusch, J. 1966. Origin of Man. New Delhi : Wiley Eastern Private Ltd.

Chakrabarti, B.K.1999. India, An Archeological History: Palaeolithic Beginnings to Early Historic Foundations. New Delhi: Oxford University Press.

Chester, S. Chard 1975. Man in Prehistory. McGraw Hill, New York.

Clark W.E.L.G. 1959. The Antecedents of Man. Edinburg : Edinburg University Press.

Clark, G. 1960. Archaeology and Society. W.ill.or. wrappers. London.

Clark, L. G. 1961. The fossil evidence for human evolution. Chicago : University of Chicago Press.

Daniel, Glyn.1962. The origin and growth of Archaeology, Penguin Book

Daniel, Glyn.1971. The Idea of Prehistory, Penguin Book.

Das, B.M. and R. DeKa. Physical Anthropology Practical, Kitap Mahal, New Delhi.

Das, B.M.2013 (26<sup>th</sup> Edition). Outlines of Physical Anthropology. Kitap Mahal, New Delhi.



- Dhavalikar, M.K.(Ed.) 2013. A Comprehensive History of India, Vol.1, Part1. Prehistory of India. New India: Manohar Publishers and Distributors.
- Ember, Carol R. and Melvin R. Ember. 2014. Cultural Anthropology. New Delhi: Pearson.
- Eriksen, Thomas Hylland. 1995. Small Places, Large Issues: An Introduction to Social and Cultural Anthropology. London: Pluto Press.
- Greene Kevin 1996. Archaeology:An Introduction. University of Pennsylvania Press, USA
- Harrison, G.A.; J. M. Tanner; D.R. Pilbeam; and P.T. Baker. 1988. Human Biology. Oxford : Oxford Univ. Press.
- Herskovits, M.J. 1969. Cultural Anthropology. New Delhi: Oxford University Press.
- Hole and Heizer 1966. An Introduction to Prehistoric Archaeology. Holt, Rinehart & Winston, New York.
- Hootan, E.A. 1965. Up from the ape. New York : The Macmillan Co.
- Howells, W.W. 1967. Mankind in the Making. New York : Doubleday.
- Hulse, F.S. 1971. The Human Species. New York : Random House.
- Ingold, Tim (ed.) 1996. Key Debates in Anthropology. London: Berg.
- Katz, S.H. 1975. Biological Anthropology : Readings from Scientific American. San Francisco: W.H. Freeman and Company.
- Kothari, C.R. 2004 Research Methodology: Methods and Techniques. New Age International.
- Larsen, C. S. (Ed.). (2010). A Companion to Biological Anthropology (Vol. 20). John Wiley & Sons.
- Laskar, G.W. 1976. Physical Anthropology. Holt, Rinehart and Wiston.
- Lewis, R. (1980). Evolution: A System of Theories. Perspectives in Biology and Medicine, 23, 551-572.
- Mair, Lucy. 1972. An Introduction to Social Anthropology. Oxford: Clarendon Press.
- Marks, J. (1995). Human Biodiversity: Genes, Race, and History. Aldine de Gruyter, New York.
- Mazumdar, D.N. and T.N. Madan. 1967. An Introduction to Social Anthropology. New Delhi: Asia Publishing House.
- Mukherjee, D., Debaprasad Mukherjee, P. Bharati. 2009. Laboratory Manual for Biological Anthropology, Asian Books Pvt. Ltd, New Delhi.
- Nelson, H., &Jurmain, R. (1988). Introduction to physical anthropology. St. Paul, MN: West Publishing Company.
- Oakley, K.P. 1961. Man the Tool Maker. University of Chicago Press, Chicago.
- Piddington, Ralph. 1950. An Introduction to Social Anthropology. London: Oliver & Boyd.
- Poirier, F.E.; W.A. Stini; and K.B. Wreden. 1994. In search of ourselves : An Introduction to Physical Anthropology. New Jersey: Prentice Hall.
- Reddi, V Rami 1988. Elements of Prehistory, South Asia Books
- Shankalia, H. D. Stone Age Tools, their Techniques and Probable functions, Deccan College Post-Graduate and Research Institute, Poona.
- Shankalia, H. D/ 1974. Pre and Protohistory of India and Pakistan, Deccan College Post-Graduate and Research Institute. Poona.
- Simpson, G. G. (1961). Principles of animal taxonomy. Columbia, University Press, New York
- Zeuner, F. E. 1946. Dating the Past: An introduction to geochronology, Methuen & Co. London.

Zeuner, F. E. 1959. The Pleistocene period, its climate, chronology and faunal successions, Hutchinson Scientific. London.

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**Course Title** : GENERAL ANTHROPOLOGY - III  
**Course Code** : ANTH GEC 3  
**Nature of Course** : Generic Elective  
**Total Credits** : 3 credits  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

1. To describe the emergence and development of Indian Anthropology focusing on the key concepts of studying Indian Society and Social systems
2. To define the concept of race and racial studies in the Indian context
3. To recognize the contribution of eminent anthropologists towards the growth of Indian Anthropology

UNITS	COURSE CONTENTS	L	T	P	LTP (45hrs.)
Unit 1 15 Marks	<b>INTRODUCTION TO INDIAN ANTHROPOLOGY</b> 1.1 Growth of Indian Anthropology <ul style="list-style-type: none"> <li>• Formative Period</li> <li>• Constructive Period</li> <li>• Analytical Period</li> </ul> 1.2 Indian Social System <ul style="list-style-type: none"> <li>• Varnas - their duties and responsibilities</li> <li>• Ashramas - meaning and types</li> </ul>	10	02		12
Unit 2 15 Marks	<b>INTRODUCTION TO INDIAN SOCIETY</b> 2.1 Basic concepts to study Indian Society <ul style="list-style-type: none"> <li>• Sanskritization</li> <li>• Westernization</li> <li>• Urbanization</li> <li>• Modernization</li> </ul>	09	02		11
Unit 3 15 Marks	<b>RACIAL STUDIES IN THE INDIAN CONTEXT</b> 3.1 Concept of race and racial criteria 3.2 Racial classification of Indian Population <ul style="list-style-type: none"> <li>• Riskey</li> </ul>	09	02		11

	<ul style="list-style-type: none"> <li>• Guha</li> <li>• Sarkar</li> </ul>				
<b>Unit 4</b> 15 Marks	<b>INDIAN ANTHROPOLOGISTS</b> 4.1 Contribution of eminent scholars: <ul style="list-style-type: none"> <li>• S.C. Roy</li> <li>• H.D. Sankalia</li> <li>• L.P. Vidyarthi</li> </ul>	09	02		11
<b>Total:</b>		37	08		45

Where,

**L: Lectures**

**T: Tutorials**

**P: Practicals**

**Modes of In-Semester assessment:**

Two Unit test	- - - - -	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>		10 marks

Course Outcomes: On completion of this Course, a student will be able to:

CO1: Discover on the growth of Indian Anthropology and explain the various processes in the formation of the Indian social system

CO2: Summarize the concept of race, racial criteria and racial classification of Indian population as given by Risley, Guha and Sarkar

CO3: Appraise the contribution of eminent anthropologists - S.C. Roy, H.D. Sankalia and L.P. Vidyarthi towards the development of Indian Anthropology

**Suggested Readings**

Bansal, I.J.S. 1984. Anthropology in Indian Context. New Delhi: Today & Tomorrow.  
 Boyd, W. C. 1958. Genetics and the Races of Man. Boston; Boston University Press.  
 Buettner-Janusch, J. 1969. Origins of Man. New Delhi; Wiley Eastern Private Limited.  
 Carol R. Ember, Melvin R. Ember & Peter N. Peregrine. 2015. Anthropology, 14th Edition. Pearson.  
 Coon, C. S. 1962. The Origin of Races. New York; Alfred A Knopf.  
 Danda, A.K. 1995. Foundations of Anthropology in India. New Delhi: Inter-India.  
 Danda, A.K. 1996. 'Anthropology in India: In Retrospect and Prospect'. Journal of Indian  
 Das, B.M. 1997. Outlines of Physical Anthropology, Allahabad: Kitab Mahal.  
 Garn, S. M. 1961. Human Races. Springfield Illinois; Charles C Thomas.  
 Gupta, Dipankar. 1992. Social Stratification. OUP India

Harris, Marvin. 1968. Rise of Anthropological Theory. London: Routledge and Kegan Paul.  
Hooton, E.A. (1946). Up from the Ape. Mcmillan, New York.  
Jha, Makhan. 1994. An Introduction to Anthropological Thought. Vikas Publishing House.  
Majumdar DN. (1901). Races and Culture of India. Asia Publishing House, Bombay  
Mandelbaum, D.G. 1972. Society in India, 2 Vols. Bombay: Popular.  
Montagu, A. 1942. Man's Most Dangerous Myth: The Fallacy of Race. New York; Columbia University Press.  
Singer, Milton. 1955. 'The Cultural Pattern of Indian Civilization'. The Far Eastern Quarterly,  
Singh, Yogendra. 1986. Modernization of Indian Tradition: A Systemic Study of Social Change. Rawat Publications.  
Srinivas, M.N. 1987. Dominant Caste and Other Essays. Delhi: OUP.  
Vijay S. Upadhyay & . 1993. History of Anthropological Thought. Concept Publishing Company.

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CO PO MAPPING

SEMESTER III : CO PO MAPPING					
Course	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
ANTH C -3	CO1	✓			✓
	CO2		✓		
	CO3			✓	✓
	CO4		✓		✓
ANTH C-4	CO1		✓		
	CO2		✓		
	CO3	✓	✓	✓	
	CO4	✓	✓		
ANTH Minor 3	CO1	✓	✓		✓
	CO2	✓			
	CO3				✓
	CO4		✓		✓
ANTH GEC - 3	CO1	✓			
	CO2			✓	✓
	CO3	✓			

## FOURTH SEMESTER

<b>Course Title</b>	: <b>ANTHROPOLOGICAL DEMOGRAPHY</b>
<b>Course Code</b>	: <b>ANTH C 5</b>
<b>Nature of Course</b>	: Major
<b>Total Credits</b>	: 4 credits (3+1 = 4)
<b>Distribution of Marks</b>	: 60 (End-Sem.) + 40 (In-Sem.)

### Course Objective:

The instructional objectives of this Course are:

- To explain the basic concepts of anthropological Demography and its relationship with other allied disciplines
- To outline the knowledge on the nature and sources of demographic data
- To discuss on different measures and application of Anthropological Demography
- To use demographic data from secondary sources

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>INTRODUCTION TO ANTHROPOLOGICAL DEMOGRAPHY</b>  1.1 Definition of Anthropological Demography and concept of Population, Population composition – Population size, structure and characteristics 1.2 Interrelationship with demography, population studies and Anthropology 1.3 Importance of population studies in Anthropology	12	03		15
<b>Unit 2</b> 15 Marks	<b>NATURE AND SOURCES OF POPULATION DATA</b>  2.1 Population census 2.2 Vital registration/ Vital statistics 2.3 Sample survey 2.4 Population registers and International publications	12	03		15
<b>Unit 3</b> 15 Marks	<b>MEASURES OF DEMOGRAPHIC DATA</b>  3.1 Concepts of fertility, mortality and migration 3.2 Measures of fertility 3.3 Measures of mortality 3.4 Measures of migration	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b>		02	28	30

	<ul style="list-style-type: none"> <li>Each student will collect and compile demographic data from different secondary sources on any given topic by the concerned teacher and a project report will be submitted for its evaluation</li> </ul>					
		<b>Total:</b>	36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>			

### **Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	30 marks
						10 marks
<ul style="list-style-type: none"> <li>Group Discussion</li> <li>Seminar presentation on any of the relevant topics</li> <li>Home Assignment</li> </ul>						

### **Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Interpret the basic concepts of anthropological Demography and its relationship with other allied disciplines
- CO2: Identify the nature and sources of demographic data.
- CO3: Apply different measures for demographic data evaluation.
- CO4: Interpret demographic data from different secondary sources.

### **Suggested Readings**

- Bhende A. and Kaniikar, T. (2006) Principles of Population Studies. Himalaya Publishing House. Mumbai (All Units, It covers most topics)
- Caldwell J.C. (2006). Demographic Transition Theory. Springer.
- Census of India (2001,2011), SRS bulletin (2013), NFHS (2006 ), CRS, NSSO
- Gautam R.K., Kshatriya, G.K. and Kapoor A.K. (2010) Population Ecology and Family Planning. Serials publications. New Delhi.
- Howell N. (1986) Demographic Anthropology. Ann. Rev. Anthropol. 15: 219-246
- Kshatriya G.K. (2000). Ecology and health with special reference to Indian tribes. Human Ecology special volume 9:229-245
- Kshatriya G.K., Rajesh,G. and Kapoor , A.K. (2010) Population Characteristics of Desert Ecology.VDM Verlag Dr. Muller Gmbh and Co., Germany.
- Majumdar P.K. (2010). Fundamentals of Demography. Rawat Publications India
- Misra BD (1982). An introduction to the study of population. South Asia publ. ltd. New Delhi.
- National Population Policy <http://populationcommission.nic.in/npp.htm>
- Park K. (2000) Text book of Preventive and Social Medicine. Banarsidas Bhanot, Jabalpur.
- Patra P.K. and Kapoor, A.K. (2009) Demography And Development Dynamics in a Primitive Tribe of Himalayas. International Book Distributors, Dehradun

Riley N.E. and Mc Carthy, J. (2003) Demography in the Age of the Postmodern. Cambridge University press. UK. Pages 1-13 and 32-98  
 Sharma A.K. (1979) Demographic transition: A Determinant of Urbanization. Social Change 9: 13-17.  
 Srivastava O.S. (1996) Demographic and Population Studies. Vikas Publishing House, India  
 Zubrow E.B.W. (1976) Demographic anthropology. Quantitative approaches. University of New Mexico Press, Albuquerque.

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**Course Title** : **TRIBES AND PEASANTS IN INDIA**  
**Course Code** : **ANTH C 6**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To describe the concept of tribe, features, administrative and constitutional safeguards.
- To explain the concept of peasantry with special reference to economic, political and cultural dimensions.
- To discuss the Indian Village scenario focusing village caste system and its changing trends
- To prepare the students the habit of reading ethnographic material and the research questions used, methodology and major findings.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>ANTHROPOLOGICAL CONCEPT OF TRIBE</b>  1.1 Problems of nomenclature, definition and classification. 1.2 Features of tribes in India. 1.3 History of tribal administration; Constitutional safeguards.	12	03		15
<b>Unit 2</b> 15 Marks	<b>ANTHROPOLOGICAL CONCEPT OF PEASANTS</b>	12	03		15



	2.1 The concept of peasantry. 2.2 Approaches to the study of peasants – economic, political and cultural. 2.3 Changing trends in Peasant society.				
<b>Unit 3</b> 15 Marks	<b>ANTHROPOLOGICAL CONCEPT OF VILLAGE</b>  3.1 Characteristics of Indian village: social organization; economy and changes. 3.2 Changing trends in Indian Village – Impact of culture contact, urbanization, industrialization. 3.3 Caste system and changes.	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Reading of Ethnography: Students are required to read and analyze any one of the ethnographies (as listed below) and prepare a report based upon it. The report should clearly link up the study with the concept of tribe and peasantry and delineate clearly the concept used in the text. 1. Research questions/objectives of the study and their relevance. 2. Methods and techniques used in the study. 3. Key findings and their significance in the context of the objectives of the study. 4. Critical analysis of the finding on the basis of contemporary available resources. <b>List of Ethnographies:</b> <ul style="list-style-type: none"> <li>• Dube S.C. (1955). Indian Village. London: Routledge and Kegan Paul Ltd.</li> <li>• Furer-Haimendorf C.V. (1939). The Naked Nagas. London: Methuen and Co.</li> <li>• Majumdar D.N. (1980). A Study of Culture Change in Two Garo Villages of Meghalaya. Guwahati: Gauhati University.</li> </ul>		02	28	30
<b>Total:</b>		36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>		<b>P: Practicals</b>	

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	30 marks
						10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Summarize the basic concept of tribe, features, administrative and constitutional safeguards.
- CO2: Interpret the concept of peasantry with special reference to economic, political and cultural dimensions.
- CO3: To relate Indian Village scenario focusing on the village caste system and its changing trends
- CO4: Develop the habit of reading ethnographic material and the research questions used, methodology and major findings.

**Suggested Readings**

Dube S.C. (1955). Indian Village. London: Routledge and Kegan Paul Ltd.  
 Furer-Haimendorf C.V. (1939). The Naked Nagas. London: Methuen and Co.  
 Gupta D. (1991). Social Stratification. Oxford University Press: Delhi.  
 Madan V. (2002). The Village in India. Oxford University Press: Delhi.  
 Majumdar D.N. (1980). A Study of Culture Change in Two Garo Villages of Meghalaya. Guwahati: Gauhati University.  
 Nathan D. (1998). Tribe-Caste Question. Simla: IIAS.  
 National Tribal Policy (draft). (2006). Ministry of Tribal Affairs. Government of India.  
 Patnaik S.M. (1996). Displacement, Rehabilitation and Social change. Inter India Publication, Delhi.  
 Shah G. (2002). Social Movement and the State. Delhi: Sage.  
 Shanin T. (1987). Peasants and Peasantry. New York, Blackwell.  
 Singh Y. (1973). Modernization of Indian Tradition: A Systemic Study of Social Change, Rawat Publication.  
 Srinivas M.N. (1976). The Remembered Village. London: University of California Press.  
 Vidyarthi L.P. and Rai B.K. (1985). Tribal Culture in India, New Delhi, Concept Publishing Company.  
 Wolf E. (1966). Peasants. NJ, Prentice Hall.

**Course Title** : **PREHISTORY OF EUROPE**  
**Course Code** : **ANTH C 7**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)

**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To describe Palaeolithic cultures of Europe emphasizing Abbevillian – Acheulean, Mousterian.
- To explain the distribution of Upper Palaeolithic cultures of Europe, Upper Palaeolithic Revolution and Art.
- To identify the distribution of Mesolithic cultures in Europe emphasizing climatic changes, Typo-technology and Economic activity.
- To identify the Lower Palaeolithic stone tools.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>PALAEOLITHIC CULTURAL DEVELOPMENT</b>  1.1 Abbevillian – Acheulean Cultures in Western Europe. 1.2 Mousterian Cultures - Typo-Technology, People and distribution, Social organization	12	03		15
<b>Unit 2</b> 15 Marks	<b>UPPER PALAEOLITHIC CULTURAL DEVELOPMENT</b>  2.1 Perigordian, Chattleperonian, Gravettian, Aurignacian, Solutrean, Magdalenian 2.2 Upper Palaeolithic Revolution 2.3 Upper Palaeolithic Art	12	03		15
<b>Unit 3</b> 15 Marks	<b>HOLOCENE EUROPE</b>  3.1 Azilian, Tardenoisian, Maglemosian, Kitchen – Midden, Ertebolle 3.2 Climatic changes, Typo-technology, Economic activity from foraging to farming 3.3 Megalithic cultures of Europe	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Identification, Drawing and Description of Tools (at least two tools from each category): a. Chopper and Chopping Tools b. Handaxe varieties		02	28	30

	c. Cleaver varieties					
		<b>Total:</b>	36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>			

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Generate knowledge of the European Prehistory.
- CO2: Develop the key concept of European Prehistoric cultures, its distribution and Typo-technological changes.
- CO3: Demonstrate the Prehistoric Holocene Cultures and Climatic Changes.
- CO4: Recognize the Lower Palaeolithic tools and their varieties.

**Suggested Readings**

Bordes, F. 1972. The Old Stone Age, New York: McGraw Hills.

Chester, S. Chard. 1975. Man in Prehistory, McGraw Hill, New York.

Clarke, Graham 1980 Mesolithic Prelude. Edinburgh University Press, Edinburgh.

Ember, Carol R. Ember, Melvin and Peregrine, Peter, N. Anthropology. Pearson Edition. (Singapore) Pvt. Ltd. Indian Branch, New Delhi, Patparganj.

Fagan, Brain M. 2002. World Prehistory – A Brief Introduction. Fifth Edition. New Jersey: Prentice Hall.

Gabel, W.C. 1958. ‘Mesolithic Continuum in Western Europe’, American Anthropologist, New Series, Vol. 60 (4): 658-667

Gamble, Clive. 1986. The Palaeolithic Settlement of Europe.

Palacio-Pérez, E. (2013). The Origins of the Concept of “Palaeolithic Art”: Theoretical Roots of an Idea. Journal of Archaeological Method and Theory, 20(4), 682–714.

Powell, T.G.E. 1966. Prehistoric Art, London: Ehmaes Hudson.

Price, T. D. (1983). The European Mesolithic. American Antiquity, 48(4), 761–778.

Ramireddy, V. 1991. Neolithic and Post-Neolithic Cultures, New Delhi: Mittal Publication.

Shackley, M.I. 1980. Neanderthal Man, Handen : Archon Books.

Washburn, S. L. (ed.) 2004. Social Life of Early Man, New York: Viking.

**Course Title** : **FUNDAMENTALS OF ANTHROPOLOGY IV**  
**Course Code** : **ANTH C 8**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To explain the major classical Anthropological theories focusing on their significant characteristics, similarities and differences.
- Describe the emerging trends of Physical Anthropology, modern genetic theories of human origin and dispersal.
- To discuss the history of Archaeological Research and to grasp knowledge on formulation of Research problem.
- To outline the art of preparing Research Questions.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>CLASSICAL ANTHROPOLOGICAL THEORIES</b>  1.1 Historical Particularism: Franz Boas 1.2 Functionalism: Malinowski, Structural – Functionalism : A.R. Radcliffe Brown, S.F. Nadel 1.3 Culture and Personality School: Margaret Mead, Ruth Benedict, Cora Du Bois, Abram Kardiner	12	03		15
<b>Unit 2</b> 15 Marks	<b>EMERGING TRENDS AND MODERN THEORIES OF HUMAN ORIGIN</b>  2.1 Emerging trends of Physical Anthropology 2.2 Modern Scientific theories of evolution and modern human dispersal: Single origin hypothesis and Mitochondrial DNA theory, Multi regional hypothesis, Replacement and	12	03		15

	intermediate hypothesis, Punctuated equilibrium theory. 2.3 Introduction to Human genetic variation: Mutation, Natural Selection, Genetic Drift and Gene Flow				
<b>Unit 3</b> 15 Marks	<b>ARCHAEOLOGICAL RESEARCH</b>  3.1 History of Archaeological Research: Culture History, New Archaeology, Post Processual Archaeology 3.2 Archaeological Research : Problem, Scope and limitation, Research Design, Model Building, Hypothesis 3.3 Systematic documentation / Recording, Analysis, Interpretation, Report preparation	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Students will be required to frame ten (10) Research Questions on a problem of his/her choice.		02	28	30
<b>Total:</b>		36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>		

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-						30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>							10 marks

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Summarize the characteristic features of the classical Anthropological theories and their role in studying human society and culture.
- CO2: Interpret the emerging trends of Physical Anthropology, modern genetic theories of human origin and dispersal.
- CO3: Discover the development of Archaeological Research and formulate Archaeological research problem.
- CO4: Construct to frame Research Questions.

**Suggested Readings**

Barnard, A. 2000. History and Theory in Anthropology. Cambridge: University Press.

Buettner-Janusch J. 1969. The nature and future of Physical Anthropology. Trans N Y Acad Sci. 1969 Feb.31(2):128-38.

Buettner-Janusch, J. 1966. Origin of Man. New Delhi : Wiley Eastern Private Ltd.

Chester, S. Chard .1975. Man in Prehistory, McGraw Hill, NewYork.

Crawford, O.G.S. 1954. Archaeology in the Field, Phoenix House, London.

Ember, C.R and M. Ember. 1981. Anthropology. 3<sup>rd</sup> Ed. NJ: Prentice-hall.

Evans-Pritchard, E. 1981. History of Anthropological Thought. New York: Basic Books.

Fagan, Brian M. 1988. In the Beginning - An Introduction to Archaeology, Scott, Foresman and Company, Glenview, Illinois Boston, London.

Gary P. Ferraro. 2003. Cultural Anthropology: An Applied Perspective. 5<sup>th</sup> Edition. Wadsworth Publishing Co.

Harris, Marvin. 1968. Rise of Anthropological Theory. London: Routledge and Kegan Paul.

Harrison, G.A.; J. M. Tanner; D.R. Pilbeam; and P.T. Baker. 1988. Human Biology. Oxford : Hole and Heizer Robert F. 1966. An Introduction to Prehistoric Archaeology, Holt, Rinehart & Winston, New York.

Jerry D. Moore. 2008. Visions of Culture - An Introduction to Anthropological Theories and Theorists. Altamira Press.

Kaplan, D and R. Manners. 1968. Theory in Anthropology. London: Routledge & Kegan. Kegan.

King, Thomas F. 1978. The Archaeological Survey: Methods and uses, U.S. Department of the Interior, Washington, D.C.

Kuper, A. 1975. Anthropologist and Anthropology. Middlesex: Penguin.

Layton, Robert. 1998. An Introduction to Theory in Anthropology. Cambridge: University Press. London.

Mann, R.S. 1984. Anthropological and Sociological Theory. Jaipur: Rawat.

McGee, R.J and R.L. Warms. 1996. Anthropological Theory. London: Mayfield Pub.

Poirier, F.E.; W.A. Stini; and K.B. Wreden. 1994. In search of ourselves : An Introduction to Radcliffe-Brown, A.R. 1952. Structure and Function of Primitive Society. London: Routledge & Stringer, Christopher. (2016). The origin and evolution of Homo sapiens. Philosophical Transactions of the Royal Society B: Biological Sciences. 371. 20150237.

Upadhyay V.S and Pandey G. 1993. History of Anthropological Thought. Concept Publishing House.

Webster, Graham. 1974. Practical Archaeology: An Introduction to Archaeological Field-Work and Excavation, (2nd edition), Adam and Charles Black,

William S.D. 1985. Archaeological Field Methods: An Introduction, Surjeet Publications, Delhi – 110007

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**Course Title** : **UNDERSTANDING ANTHROPOLOGY IV**  
**Course Code** : **ANTH Minor 4**  
**Nature of Course** : **Minor**  
**Total Credits** : **4 credits (3+1 = 4)**

**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

The instructional objectives of this Course are:

- To explain the basic concepts and biological basis of human genetics and variation.
- To explain the basic understanding of the concept of Family, Marriage and Kinship.
- To describe the Palaeolithic cultures and their industries
- To identify Colour Vision Deficiency by Ishihara's Colour Charts.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit – 1 15 Marks	<b>HUMAN BIOLOGICAL DIVERSITY</b> 1.1 Basic concepts and Terminologies in Human Genetics – from cells to molecules 1.2 Biological basis of Human variation: Mutation, Natural Selection, Genetic Drift and Gene Flow	12	03		15
Unit – 2 15 Marks	<b>HUMAN SOCIAL INSTITUTION</b> 2.1 Marriage and Family: Definition and features, Types 2.2 Kinship: Definition, Degrees of Kinship	12	03		15
Unit – 3 15 Marks	<b>PALAEOLITHIC CULTURE</b> 3.1 Palaeolithic Culture of Europe: Abbevillian and Acheulian 3.2 Palaeolithic Culture of Africa: Oldowan	12	03		15
Unit – 4 15 Marks	<b>PRACTICAL</b> Detection of Colour Vision Deficiency: General Considerations, Genetics and Method by Ishihara's Colour Charts.		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	40 marks
Any one of the following activities listed below-							30 marks
							10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

After the completion of this course, the learner will be able to:

- CO1: Analyze the basic concepts and biological basis of human genetics and variation.
- CO2: Distinguish the features of Family, Marriage and Kinship.
- CO3: Analyze the different Palaeolithic cultures emerged in Prehistoric times.
- CO4: Predict Colour Vision Deficiency by Ishihara's Colour Charts.



## **Suggested Readings:**

- Alimen, H. 1957. *The Prehistory of Africa*, London: Hutchinson.
- Beattie, John. 1976. *Other Culture (Chapter I)*, London: Routledge & Kegan Paul. Bombay. Books.
- Bordes, F. 1972. *The Old Stone Age*, New York: McGraw Hills.
- Chester, S. Chard. 1975. *Man in Prehistory*, McGraw Hill, New York.
- Clark, J.D. 1954. *The Prehistoric Cultures of the Horn of Africa*, Cambridge: Cambridge
- Clarke, Graham 1980 *Mesolithic Prelude*. Edinburgh University Press, Edinburgh.
- Cole, S. 1954. *The Prehistory of East Africa*, London: Penguin Books.
- Coles, J.M. and Higgs, S.S. 1975. *The Archaeology of Early Man*, Middlesex, London: Penguin
- Craig Britton Stanford, John Scott Allen, Susan C. Antón. 2017. *Exploring Biological Anthropology*. Pearson.
- Ember, C. R. & M. Ember. 1981. *Cultural Anthropology*, New Delhi: Oxford Univ. Press.
- Ember, Carol R. Ember, Melvin and Peregrine, Peter, N. *Anthropology*. Pearson Edition. (Singapore) Pvt. Ltd. Indian Branch, New Delhi, Patparganj.
- Evans-Pritchard, E.E. 1972. *Social Anthropology (Chapter-II & IV)*. London: Routledge
- Fagan, Brain M. 2002. *World Prehistory – A Brief Introduction*. Fifth Edition. New Jersey: Prentice Hall.
- Fox, R. 1967. *Kinship and Marriage : An Anthropological Perspective*. Penguin Books,
- Gabel, W.C. 1958. 'Mesolithic Continuum in Western Europe', *American Anthropologist*, New Series, Vol. 60 (4): 658-667
- Gamble, Clive. 1986. *The Palaeolithic Settlement of Europe*.
- Herskovits, M. J. 1969. *Cultural Anthropology*, New Delhi: Oxford.
- Howell, F.C. 2004. *African Ecology and Human Evolution*, Routledge Library Edition.
- Howells, W. 1967. *Mankind in the Making*, New York: Double Day and Co.
- Kapadia, K. M. 1958. *Marriage and Family in India*. Oxford University Press, Indian Branch,
- Keesing, F. M. 1958. *Cultural Anthropology*, Rinchart, New York. Kegan Paul Ltd.
- Leach, E.R. 1986. *Social Anthropology*, Fontana Press, Glassgow.
- Maire Lucy, 1972. *An Introduction to Social Anthropology*. Oxford: Clarendon Press.
- Mc Burney, C. B. M. 1960. *The Stone Age of Northern Africa*, Penguin Books, London.
- Murdock, George P. 1967. *Social Structure (Chapter-I, II, III, VI, VII, X)*. The Mcmillan Co.,
- Pfeiffer, J. 1969. *The Emergence of Man*, Harper, New York.
- Piddington R. 1950-57. *An Introduction to Social Anthropology*. Oliver, London

Robert Jurmain, Lynn Kilgore, Wenda Trevathan, Russell Ciochon, 2017. Introduction to Physical Anthropology. Cengage Learning.

Shackley, M.I. 1980. Neanderthal Man, Handen : Archon Books.

Shah, A. M. 1962. Family in India. Orient Longman, Delhi.

Stephen Molnar, 2006. Human Variation: Races, Types, and Ethnic Groups. Pearson Prentice Hall.

Patricia Uberoi, 1993. Family, Kinship and Marriage in India. Oxford University Press.

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### CO PO MAPPING

SEMESTER IV : CO PO MAPPING					
Course	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
ANTH C-5	CO1	✓			✓
	CO2			✓	✓
	CO3				✓
	CO4	✓	✓		✓
ANTH C-6	CO1	✓	✓		
	CO2	✓	✓	✓	
	CO3	✓			✓
	CO4				✓
ANTH C-7	CO1	✓			
	CO2	✓			
	CO3			✓	
	CO4		✓		✓
	CO1	✓	✓		

ANTH C-8	CO2		✓	✓	
	CO3		✓		✓
	CO4				✓
ANTH Minor 4	CO1		✓	✓	
	CO2	✓			
	CO3	✓			
	CO4				✓

### FIFTH SEMESTER

**Course Title** : **POPULATION GENETICS**  
**Course Code** : **ANTH C 9**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To outline the students with the concept of Population genetics.
- To recognize the Human Blood Group System.
- To describe the Bio Chemical variation in Human.
- To operate on Blood Group type and Rh Factor.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>INTRODUCTION TO POPULATION GENETICS</b> 1.1 Definition, Aim and Scope 1.2 Hardy-Weinberg Law 1.3 Mating Patterns	12	03		15
<b>Unit 2</b> 15 Marks	<b>HUMAN BLOOD GROUP SYSTEM AND DERMATOGlyphics</b> 2.1 ABO Blood Group and Rh Factor 2.2 MNS Blood Group 2.3 Hemoglobin	12	03		15

	2.4 Dermatoglyphics				
<b>Unit 3</b> 15 Marks	<b>BIO CHEMICAL VARIATION IN MAN</b> 3.1 Genetic Polymorphism 3.2 Bio Chemical variation in Man with reference to Hemoglobin, Thalassemia, Haptoglobins and G6PD	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Each student will have to: 1. Estimate the Blood Group type and Rh Factor of five (5) individuals through direct/indirect method. 2. Take finger and palm print of five (5) individuals and identify the finger pattern and mainline formula.		02	28	30
<b>Total:</b>		36	11	28	75
<b>Where,</b>		<b>L: Lectures</b>		<b>T: Tutorials</b>	
				<b>P: Practicals</b>	

### Modes of In-Semester assessment:

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-							30 marks
							10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

### Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Develop the concept of Population genetics with its principles.
- CO2: Analyze Human Blood Group System and its distribution.
- CO3: Determine the Bio Chemical variation in Human and genetic polymorphism.
- CO4: Estimate the Blood Group type and Rh Factor.

### **Suggested Readings**

- Cavalli Sforza, L.T. and W.F. Bodmer 1971. The Genetics of Human Populations. San Francisco:
- Crow J.F. and M. Kinura 1970. An Introduction to population genetic theory. New York : Harper and Row.
- Das, B.M. and R. Dea. 1992. Physical Anthropology Practicals. Allahabad : Kitab Mahal.
- Livingstone, F.B. 1967. Abnormal haemoglobins in Human Populations. Chichago : Aldine.

Mettler, L.E. and T.G. Gregg 1969. Population Genetics and Evolution. New Jersey: Prentice Hall Inc.

Mukherji, D. et.al. 2018. Laboratory Manual for Biological Anthropology. Scholar Book Sellers and Publisher

Race, R.R. and R. Sanger 1959. Blood groups in Man. Springfield : Charles C. Thomas.

Rothwell N.V. 1978. Human Genetics. New Delhi Prentice Hall Pvt. Ltd.

Shukla, B. R. K. and Rastogi S. (1990). Physical Anthropology and Human Genetics An Introduction. Palaka Prakashan, Delhi.

Stern, C. 1973. Principles of Human Genetics. San Francisco : W.H. Freeman and Co.



**Course Title** : **SOCIAL ORGANIZATION AND RELIGION IN ANTHROPOLOGY**

**Course Code** : **ANTH C 10**

**Nature of Course** : Major

**Total Credits** : 4 credits (3+1 = 4)

**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To describe the idea of Family, Marriage and Kinship in Anthropology.
- To explain the basic Anthropological concepts and theories of Religion.
- To demonstrate the various categories of Magico-Religious Functionaries.
- To outline empirical experiences with Magico-Religious Functionaries.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	<b>INTRODUCTION TO SOCIAL ORGANIZATION</b> 1.1 Family: Definition, Type, Function and recent changes 1.2 Marriage: Definition, Type, Function and recent changes 1.3 Kinship: Definition, Kinship Terminology, Degrees of Kinship, Kinship usage and behaviour	12	03		15
Unit 2	<b>ANTHROPOLOGICAL STUDY OF RELIGION</b>	12	03		15

15 Marks	2.1 Definition, Concept, Characteristics and Functions of Religion 2.2 Theories of origin of Religion: Animism, Animatism, Naturism and Functional Theory				
<b>Unit 3</b> 15 Marks	<b>MAGICO-RELIGIOUS FUNCTIONARIES</b> 3.1 Shaman, Priests, Sorcerer, Diviners, Witch and Mystics 3.2: Taboo, Sacred and Profane, Magic	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Students are required to collect case study on any one Magico-Religious Functionaries.		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

### **Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	30 marks
						10 marks
• Group Discussion						
• Seminar presentation on any of the relevant topics						
• Home Assignment						

### **Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Interpret the Anthropological concept of Family, Marriage and Kinship.
- CO2: Develop the basic concepts and theories of Anthropology of Religion.
- CO3: Analyze the significance of the different Magico-Religious Functionaries.
- CO4: Use empirical experiences with Magico-Religious Functionaries.

### **Suggested Readings**

De Waal Malefijt. 1989. Religion and Culture: An Introduction to Anthropology of Religion. Waveland Pr Inc.

Eller, J.D. 2007. Introducing Anthropology of Religion. New York: Routledge.

Ember, C. R. & M. Ember. 1981. Cultural Anthropology, New Delhi: Oxford Univ. Press.

Ember, C.R and M. Ember. 1981. Cultural Anthropology. 3<sup>rd</sup> Ed. NJ: Prentice-hall.

Ember, Carol R. Ember, Melvin and Peregrine, Peter, N. Anthropology. Pearson Edition. (Singapore) Pvt. Ltd. Indian Branch, New Delhi, Patparganj.

Evans-Pritchard, E.E. 1937. Witchcraft, Oracles and Magic among the Azande. Oxford Clarendon Press.

Evans-Pritchard, E.E. 1965. Theories of Primitive Religion. Oxford Clarendon Press.

Evans-Pritchard, E.E. 1972. Social Anthropology (Chapter-II & IV). London: Routledge  
 Gary P. Ferraro. 2003. Cultural Anthropology: An Applied Perspective. 5<sup>th</sup> Edition. Wadsworth Publishing Co.

Haviland. W.A. 2002. Cultural Anthropology. Thompson Learning.

Henry H. Presler. 1971. Primitive Religions in India. University of California.

Herskovits, M. J. 1969. Cultural Anthropology, New Delhi: Oxford.

Lambek. M. 2008. A Reader in the Anthropology of Religion. Wiley –Blackwell.

Lowie, R.H. 1936. Primitive Religion. George Routledge and Sons

Stephen Fuchs. 1975. Origin of Religion: Introduction to History of Religion. Pontifical Institute of Theology and Philosophy.



**Course Title** : **PREHISTORY OF SOUTH AND SOUTHEAST ASIA**  
**Course Code** : **ANTH C 11**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To illustrate the Palaeolithic Cultural Developments in South and Southeast Asia emphasizing China, Burma, Java, Malaya and India.
- To explain the lithic techno complex of South and Southeast Asia from Pleistocene to Holocene.
- To describe the evolution of Food Producing Cultures in Southeast Asia including India and Northeast India.
- To identify the Middle and Upper Palaeolithic tools

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	<b>PALAEOLITHIC CULTURAL DEVELOPMENTS</b> 1.1 Choukoutien of China	12	03		15

	1.2 Anyathian of Burma, Patjitanian of Java, Tampanian of Malaya 1.3 Soanian and Madrasian Cultural Developments				
<b>Unit 2</b> 15 Marks	<b>HOABINHIAN AND EARLY HOLOCENE CULTURES</b> 2.1 Hoabinhian Cultural Development in Southeast Asia 2.2 Early Holocene Cultures in India	12	03		15
<b>Unit 3</b> 15 Marks	<b>EVOLUTION OF FOOD PRODUCTION</b> 3.1 Evolution of Food Producing Cultures in Southeast Asia 3.2 Early Food Producing Cultural Patterns in India with special reference to Northeast India	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Identification, Drawing and Description of Tools (any 7 tools): a. Scrapper varieties, Points b. Blades, Knife, Burin, Borer, Bone tools		02	28	30
<b>Total:</b>		36	11	28	75

Where,                      **L: Lectures**                      **T: Tutorials**                      **P: Practicals**

**Modes of In-Semester assessment:**

	<u>40 marks</u>
Two Unit test - - - - -	30 marks
Any <u>one</u> of the following activities listed below-	10 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	

**Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Analyze the Palaeolithic Cultural Developments in South and Southeast Asia emphasizing China, Burma, Java, Malaya and India.
- CO2: Assess the lithic techno complex of South and Southeast Asia from Pleistocene to Holocene.
- CO3: Explain the evolution of Food Producing Cultures in Southeast Asia including India and Northeast India.
- CO4: Sketch the Middle and Upper Palaeolithic tools.

**Suggested Readings**



Das, P. 2007. History and Archaeology of North-East India. 5<sup>th</sup> Century to 1826 A.D. Agam Kala Prakashan.

Fagan, B. M. 1991b. Archaeology : A Brief Introduction. (4th ed) New York: Harper Collins.

Fagan, B. M. 1992. People of the Earth: An Introduction to World Prehistory. New York: Harper Collins.

Hazarika, M. 2017. Prehistory and Archaeology of Northeast India: Multidisciplinary Investigation in an Archaeological Terra Incognita. New Delhi: Oxford University Press.

Johanson, D. Lenora, Johanson, & Blake Edgar. 1994. Ancestors: In Search of Human Origins. New York: Villard Books.

Nitecki, M.H & V. Nitecki. 1994(ed). Origins of Anatomically Modern Humans. New York: Peter Bellwood and Dr Ian Glover (Ed.) 2006. Southeast Asia - From Prehistory to History. Routledge

Piggot, S. 1962. Prehistoric India to 1000 B.C: London, Cassell Publication

Piper, P. J., Matsumura, H., & Bulbeck, D. (Eds.). (2017). New Perspectives in Southeast Asian and Pacific Prehistory (Vol. 45). ANU Press.

Sankalia, H.D. 1977, Prehistory of India, Munshiram Manoharlal Publishers

Schrire, C. 1984. Past and Present in Hunter-Gatherer Studies. New York: Academic Press.

Stringer, Christopher & Paul Mellars. 1989-1990. The Human Evolution, 2 Vols. Edinburgh:

Tattersall, Ian. 1996. The fossil Trail: How We Know What We Think We Know About Human

White, Randall. 1986. Dark Caves and Bright Visions. New York: American Museum of Natural

Wilson, D. 1976. Prehistoric Man: Research into the Origins of Civilization in the Old World and the New World. 3rd ed. London: Macmillan.



**Course Title** : **UNDERSTANDING ANTHROPOLOGY V**  
**Course Code** : **ANTH Minor 5**  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

The instructional objectives of this Course are:

- To outline the inheritance pattern of Human.
- To explain the concept of Anthropology in Practice.
- To describe about Indian Archaeology.
- To identify Mesolithic and Neolithic Stone Tools.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit – 1 15 Marks</b>	<b>INHERITANCE PATTERN</b> 1.1 Concept of Mendelian and Non Mendelian inheritance in Man	12	03		15

	1.2 Mendelian Traits: Simple Mendelian Traits, Dominant and Recessive Traits, Multiple Alleles 1.3 Non Mendelian Traits: Sex Linked Traits, Sex Limited and Sex Influenced Traits, Polygenic Traits				
<b>Unit – 2 15 Marks</b>	<b>ANTHROPOLOGY IN PRACTICE</b> 2.1 Business Anthropology and Educational Anthropology 2.2 Anthropology in Disaster Management 2.3 Anthropology in Public Policy and Administration	12	03		15
<b>Unit – 3 15 Marks</b>	<b>INDIAN ARCHAEOLOGY</b> 3.1 Hominid Fossil Finds: Hathnora, Nadas, Odai 3.2 Earliest Stone tools in India: Sanghao cave, Soan valley, Bhimbetka, Baghor, Nagar Junakonda, Daojali Hading	12	03		15
<b>Unit – 4 15 Marks</b>	<b>PRACTICAL</b> Students have to identify, systematically draw and describe the following tools: 1. Mesolithic Tool (3) 2. Neolithic (2)		02	28	30
<b>Total:</b>		<b>36</b>	<b>11</b>	<b>28</b>	<b>75</b>
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>		

### Modes of In-Semester assessment:

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
							10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

### Course Outcomes:

After the completion of this course, the learner will be able to:

- CO1: Distinguish between Mendelian and Non Mendelian inheritance, different traits and their mode of inheritance.
- CO2: Evaluate the Practical applications of Anthropological knowledge in different spheres of the society.
- CO3: Illustrate Indian Archaeology in the light of Hominid Fossil finds and earliest Stone tools discovered from different sites of India.
- CO4: Recognize Mesolithic and Neolithic Stone Tools.

## Suggested Readings:

- Chakrabarti, B.K.1999. An Archaeological History (Palaeolithic Beginnings to Early Historic Foundations). New Delhi: Oxford University.
- Das. P. 2007. History and Archaeology of North-East India. 5<sup>th</sup> Century to 1826 A.D. Agam Kala Prakashan.
- Dasgupta, R. 2007. Disaster Management and Rehabilitation. Mittal Publications. Delhi.
- Dhavalikar, M.K.(Ed.) 2013. A Comprehensive History of India, Vol.1, Part1. Prehistory of India. Educational, Scientific and Cultural Organization & The Centre for East Asian Cultural Studies.
- Ember, C.R and M. Ember. 1981. Cultural Anthropology. 3<sup>rd</sup> Ed. NJ: Prentice-hall.
- Foster, G.M. Traditional Cultures : Impact of technological changes. Foundations. New Delhi: Oxford University Press.
- Gary P. Ferraro. 2003. Cultural Anthropology: An Applied Perspective. 5<sup>th</sup> Edition. Wadsworth Publishing Co.
- Gordon, D.H.1958. The Pre-Historic Background of Indian Cultures. Eastern Book Corporation.
- Habib, I. 2001. People's History of India: Prehistory. New Delhi: Tulika Books.
- Hazarika, M. 2017. Prehistory and Archaeology of Northeast India: Multidisciplinary Investigation in an Archaeological Terra Incognita. New Delhi: Oxford University Press.
- Hoffman, Susanne, M., and Anthony Oliver Smith, 2001, Catastrophe and Culture- The Kedia, Satish and John Van Willingen. 2005. Applied Anthropology- Domains of Application. Greenwood Publishing Group.
- Kroeber, A.L. 1954. Anthropology Today. Chicago : Univ. of Chicago Press.
- Mathur H.M. 1977. Anthropology in the Development process. Vikash Publishing House, New Nahm Sheena and Cortney Hughes Rinker. 2016. Applied Anthropology – Unexpected saces, Topics and Methods. Newyork: Routledge.
- Narayan, S. 2000. Anthropology of Disaster Management. Gyan Publishing House. New India: Manohar Publishers and Distributors.
- Piggot S. 1950. Prehistoric India to 1000 B.C. New Delhi: Oxford IBH.
- Rothwell N.V. 1978. Human Genetics. New Delhi Prentice Hall Pvt. Ltd.
- Sankalia, H.D. 1974. Pre- and Protohistory of India and Pakistan. Pune: Deccan College Post
- Sankalia, H.D. 1977. Prehistory of India. New Delhi: Munshiram Manoharlal Publishers Pvt. Ltd.
- Sankalia, H.D. 1991. An Outline of Indian Prehistory. Delhi: Palaka Prakashan.
- Shukla, B. R. K. and Rastogi S. (1990). Physical Anthropology and Human Genetics An Introduction. Palaka Prakashan, Delhi.
- Stern, C. 1973. Principles of Human Genetics. San Fransisco : W.H. Freeman and Co.
- Thapar, B.K.1985. Recent Archeological Discoveries in India. France and Japan. The United Nations
- Vidyarthi, L.P. 1968. Applied Anthropology in India. Allahabad : Kitab Mahal.
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**Course Title** : **Internship (I) / Community Engagement (CE)**  
**Course Code** :  
**Nature of Course** : **Internship (I) / Community Engagement (CE)**  
**Total Credits** : 4 credits: **2+2 (I + CE) or 4 (I) / 4 (CE)**  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

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### CO PO MAPPING

SEMESTER V : CO PO MAPPING					
Course	Program Outcome: PO				
Course Outcome: CO	PO1	PO2	PO3	PO4	
ANTH C-9	CO1	✓		✓	
	CO2	✓			
	CO3	✓	✓		
	CO4		✓		✓

ANTH C-10	CO1	✓			
	CO2	✓	✓		
	CO3		✓	✓	
	CO4		✓		✓
ANTH C-11	CO1	✓			
	CO2	✓		✓	
	CO3	✓			
	CO4		✓		✓
ANTH Minor 5	CO1	✓	✓		
	CO2		✓		
	CO3	✓			✓
	CO4			✓	✓

### SIXTH SEMESTER

**Course Title** : HUMAN GENETICS  
**Course Code** : ANTH C 12  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are to:

- Explain the basic principles of human genetics.

- Describe the methods used in genetic research.
- Outline the pattern of inheritance of genetic disorders, genetic abnormalities, and the importance of genetic counseling.
- Discuss the methods and techniques used in human genetics and the importance of genetic counseling.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	<b>INTRODUCTION TO GENETICS</b> 1.1 History of Human genetics 1.2 Gene, Genome and Chromosomes, Chromosomal structure and abnormalities (Down's Syndrome, Patau Syndrome, Edward Syndrome, Klinefelter's Syndrome and Turner Syndrome) 1.3 Cytogenetics, and Human Genome Project	12	03		15
Unit 2 15 Marks	<b>STRUCTURE AND FUNCTION</b> 2.1 DNA Structure and Function, DNA Replication, coding, and non-coding regions 2.2 Expression of genetic information: from Transcription to Translation	12	03		15
Unit 3 15 Marks	<b>PATTERNS OF INHERITANCE AND METHODS IN HUMAN GENETICS</b> 3.1 Mendelian Traits: Simple Mendelian Traits, Dominant and Recessive Traits, Multiple Alleles Non Mendelian Traits: Sex Linked Traits, Sex Limited and Sex Influenced Traits, Polygenic Traits 3.2 Methods of studying Human Heredity: Sib-pair and Twin studies, Pedigree analysis 3.3 Genetic counseling, Genetic Screening and Eugenics	12	03		15
Unit 4 15 Marks	<b>PRACTICALS</b> Each student will collect data on any genetic trait/disorder using pedigree method/twin method of human genetics focusing on mode of inheritance and prepare a brief report.		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

40 marks

Two Unit test - - - - - 30 marks

Any one of the following activities listed below- - 10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Appraise the history of human genetics and basic concepts.
- CO2: Illustrate the structure and function of DNA.
- CO3: Predict the inheritance pattern of human traits and types of chromosomal abnormalities.
- CO4: Apply the methods and techniques used in human genetics and the importance of genetic counseling.

**Suggested Readings**

Brown TA. (2007). Genomes. Garland Science.  
 Cummings MR (2011). Human Heredity: Principles and Issues. Brooks/Cole, Cengage Learning  
 Klug WS (2012). Concepts of Genetics. Pearson.  
 Lewis R. (2009). Human Genetics: Concepts and Application. The McGraw–Hill Companies, Inc.  
 Vogel F. and Motulsky A.G. (1996). Human Genetics: Problems and Approaches. Springer, 3rd revised edition.

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**Course Title** : **URBAN ANTHROPOLOGY**  
**Course Code** : **ANTH C 13**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (**3+1 = 4**)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are:

- To describe the idea of emergence of Urban Anthropology.

- To explain the basic theoretical premises of Urban Anthropology.
- To discuss with the structures and processes in Urban Anthropology.
- To outline the city life among a specific community.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>EMERGENCE OF URBAN ANTHROPOLOGY</b> 1.1 Introduction: Meaning, Aim, Scope 1.2 Folk Urban Continuum, Extension of the Anthropological interest in Peasant studies 1.3 Origin of cities, Urban Planning and Designing	12	03		15
<b>Unit 2</b> 15 Marks	<b>THEORETICAL PERSPECTIVES</b> 2.1 The Chicago School 2.2 The Manchester School 2.3 Culture of Poverty and the Underclass Approach	12	03		15
<b>Unit 3</b> 15 Marks	<b>STRUCTURE AND PROCESSES IN URBAN ANTHROPOLOGY</b> 3.1 Rural-Urban migration and its impact on Family, Marriage and Kinship 3.2 Contemporary Urban issues and challenges : Poverty, Social Stratification, Unemployment, Health and hygiene	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Students will visit a specific community in an urban area/semi urban area and critically examine and prepare a brief report on their pattern of life relating to: <ul style="list-style-type: none"> <li>• Housing Facilities</li> <li>• Sanitation</li> <li>• Water Supply</li> <li>• Recreational Facilities</li> <li>• Health Care Facilities</li> <li>• Waste Management</li> </ul>		02	28	30
<b>Total:</b>		36	11	28	75

Where,

**L: Lectures**

**T: Tutorials**

**P: Practicals**

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	40 marks
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	30 marks
• Group Discussion						10 marks



- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Summarize the rise and development of Urban Anthropology.
- CO2: To apply the basic conceptual frameworks applied in Urban Anthropology to study cities.
- CO3: To identify the significance of various structures and processes for studying urban society and its issues.
- CO4: To assess urban life, issues and challenges.

**Suggested Readings**

Chaudhuri, Sumita (2015) Facets of Urbanisation: Views from Anthropology(ed.), UK, Cambridge Scholar Publishing.

Patel, Sujata and Deb, Kushal. (Ed.) 2006. Urban Studies. New Delhi: Oxford University Press.

Donald M Nonini (2014). A Companion to Urban Anthropology. New York: Wiley Blackwell.

Eames, E. & Goode, J. E. (1977). Anthropology of the City: An Introduction to Urban Anthropology. New Jersey: Prentice Hall.

Fox, R. G. (1977). Urban Anthropology: Cities in their Cultural Settings. Englewood Cliffs: Prentice Hall.

Ahluwalia, Isher Judge, Ravi Kanbur and P. K. Mohanty. (Eds.). 2014. Urbanization in India: Challenges, Opportunities and the Way Forward. New Delhi: SAGE.

Sivaramkrishnan K., Kundu, A., & Singh, B. N. (2005). Handbook of Urbanization in India. Delhi: Oxford University Press.

Pardo, I., & Prato, G. B. (Eds.). (2016). Anthropology in the city: methodology and theory. London: Routledge. Chpt. 1& 2.

Foster, G. M. & Kemper, R. V. (2010). Anthropological Fieldwork in Cities. In Gmelch, G., Kemper, R. V., & Zenner. W. P. (eds.). Urban Life: Readings in the anthropology of City, 5th ed. Long Grove: Waveland Press. Pp. 5-15.

Tyagi, Darshna (2006) Urban Anthropology: Encyclopedia of Anthropology series, New Delhi, Anmol Publications Pvt. Limited.

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<b>Course Title</b>	<b>: PREHISTORIC CULTURES OF INDIA</b>
<b>Course Code</b>	<b>: ANTH C 14</b>
<b>Nature of Course</b>	<b>: Major</b>
<b>Total Credits</b>	<b>: 4 credits (3+1 = 4)</b>
<b>Distribution of Marks</b>	<b>: 60 (End-Sem.) + 40 (In-Sem.)</b>

Course Objective:

The instructional objectives of this Course are:

- To describe Lower Palaeolithic tools and its development through time in the context of Prehistory in India.
- Identify the Middle Palaeolithic culture and its tools.
- Recognize major Upper Palaeolithic sites in India.
- Outline the tool making technology of few tools of Lower and Middle Palaeolithic cultural period.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>LOWER PALAEOOLITHIC PERIOD</b> 1.1 Types and Typological variations, Lithic Raw materials and Technology of production 1.2 Authors of Acheulian and Hominid fossil ancestors in India. 1.3 Potwar Plateau (de Terra and T.T. Paterson's work), Kashmir and Rajasthan, Central India with special reference to Bhimbetka and Adamgarh, Attirampakkam (South India), Chota Nagpur Plateau.	12	03		15
<b>Unit 2</b> 15 Marks	<b>MIDDLE PALAEOOLITHIC PERIOD</b> 2.1 Nevasa and Middle Palaeolithic Culture, Tools and Typological variation, Raw materials for tools and technology of production. 2.2 Middle Palaeolithic sites in India, Primary and Secondary context sites.	12	03		15
<b>Unit 3</b> 15 Marks	<b>UPPER PALAEOOLITHIC PERIOD</b> 3.1 Tools and Typological variation, Lithic Raw materials and Technology of production 3.2 Major Upper Palaeolithic sites in India: Patne, Kurnool caves, Bagor and Tilwara, Langhnaj, Birbhanpur, Teri sites, Adamgarh, Bhimbetka, Sarai Nahar Rai.	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Identify the tool and describe the tool making technology of the following specimens: 1. Handaxe (2) 2. Cleaver (2) 3. Chopper-Chopping (2) 4. Scraper (2) 5. Points (2)		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	40 marks
	-	-	-	-	-	-	30 marks
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	10 marks
<ul style="list-style-type: none"><li>• Group Discussion</li><li>• Seminar presentation on any of the relevant topics</li><li>• Home Assignment</li></ul>							

**Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Assess Prehistoric cultures through Archaeological remains by sequential development of Prehistoric Stone Age cultures and their geographical distribution in India.
- CO2: Recognize Middle Palaeolithic culture, typological variations, raw material and its tools.
- CO3: Recognize major Upper Palaeolithic sites in India along with its lithic raw materials, typological variations and technology of productions.
- CO4: Categorize the tool making technology of few tools of Lower and Middle Palaeolithic cultural period.

**Suggested Readings**

Chakrabarti, B.K.1999. India, An Archeological History: Palaeolithic Beginnings to Early Historic Foundations. New Delhi: Oxford University Press.  
Dhavalikar, M.K.(Ed.) 2013. A Comprehensive History of India, Vol.1, Part1. Prehistory of India. New India: Manohar Publishers and Distributors.  
Gordon, D.H.1958. The Pre-Historic Background of Indian Cultures. Eastern Book Corporation.  
Habib, I. 2001. People’s History of India: Prehistory. New Delhi: Tulika Books.  
Piggot S. 1950. Prehistoric India to 1000 B.C. New Delhi: Oxford IBH.  
Sankalia, H.D. 1977. Prehistory of India. New Delhi: Munshiram Manoharlal Publishers Pvt. Ltd.  
Sankalia, H.D. 1991. An Outline of Indian Prehistory. Delhi: Palaka Prakashan.  
Sankalia, H.D. 1974. Pre- and Protohistory of India and Pakistan. Pune: Deccan College Post Graduate and Research Institute.  
Thapar, B.K.1985. Recent Archeological Discoveries in India. France and Japan. The United Nations Educational, Scientific and Cultural Organization & The Centre for East Asian Cultural Studies.

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<b>Course Title</b>	<b>: FUNDAMENTALS OF ANTHROPOLOGY - V</b>
<b>Course Code</b>	<b>: ANTH C 15</b>
<b>Nature of Course</b>	<b>: Major</b>
<b>Total Credits</b>	<b>: 4 credits (3+1 = 4)</b>
<b>Distribution of Marks</b>	<b>: 60 (End-Sem.) + 40 (In-Sem.)</b>

Course Objective:

The instructional objectives of this Course are:

- To describe the approaches to the study of Human Ecology and Adaptation.
- To illustrate the major advanced Anthropological theories focusing on their characteristic features, utility and relevance.
- To demonstrate the Quaternary Environmental changes and the evidences.
- To have a practice on blood pressure and pulse rate.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>HUMAN ECOLOGY AND ADAPTATION</b> 1.1 Definition, Objectives, Approaches to the study of Human Ecology, Various Human Eco Systems 1.2 Concept of Adaptation, Homeostasis and Acclimatization, Bio-cultural approach to Adaptation	12	03		15
<b>Unit 2</b> 15 Marks	<b>ADVANCED ANTHROPOLOGICAL THEORIES</b> 2.1 Structuralism: Levi-Strauss, E.R Leach, 2.2 Cognitivism: Ward Goodenough 2.3 Symbolism and Interpretive Approach: Victor Turner, Clifford Geertz 2.4 Post Modernism in Anthropology: James Clifford, Marcus and Stephen A. Tyler	12	03		15
<b>Unit 3</b> 15 Marks	<b>QUATERNARY ENVIRONMENT</b> 3.1 Nature of Environmental Changes – Climatic, Geomorphic, Faunal and Floral 3.2 Palaeoenvironmental conditions during Pliestocene and Holocene 3.3 Evidence for Reconstruction of Palaeoclimate and Palaeienviroment: Geomorphological, Sedimentological, Palaeontological, Palaeobotanical	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Each student will have to estimate the blood pressure and pulse rate of ten (10) individuals and classify them in terms of different Hypertension and Pulse Rate categories.		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

### **Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-							30 marks
							10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

### **Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Analyze different approaches to the study of Human Ecology and Adaptation.
- CO2: Evaluate the role of the advanced Anthropological theories in studying Human Society and Culture.
- CO3: Illustrate the Quaternary Environmental changes and evidences for reconstruction of Palaeoenvironment.
- CO4: Estimate the blood pressure and pulse rate.

### **Suggested Readings**

- Aggarwal, D.P & M.G Yadav. 1977. Dating the Human Past. (ISGS) Delhi.
- Bahn, Paul & Colin Renfrew. 1996. Archaeology 2nd ed. Thames and Hudson, New York.
- Baker, P.T. and J.S.Weiner. 1966. The Biology of Human Adaptability. Oxford: Clarendon Press.
- Barnard, A. 2000. History and Theory in Anthropology. Cambridge: University Press.
- Binford, Lewis R. 1983. In pursuit of the Past. Thames and Hudson, New York.
- Butzer, K.W. 1964a. Environment and Archaeology: An Introduction to Pleistocene Geography.
- Butzer, K.W. 1971a. Environment and Archaeology: An Ecological Approach to Prehistory. Aldine, Chicago.
- Butzer, K.W. et al. 1976. Geomorphology from Earth. Harper and Row, New York.
- Chapman, J.L. and M.J.Reiss. 1994. Ecology: Principles and Applications. Cambridge: Cambridge University Press.
- Ember, C.R and M. Ember. 1981. Anthropology. 3<sup>rd</sup> Ed. NJ: Prentice-hall.
- Embleton, C and J. Thornes. 1979. Process in Geomorphology. E. Arnold, London.
- Evans-Pritchard, E. 1981. History of Anthropological Thought. New York: Basic Books.
- Fagan, Brian M. 1997. Archaeology: A Brief Introduction..6th ed. Addison Wesley
- Friscancho, A.R. 1981. Human Adaptation. Ann Arbor: University of Michigan Press.
- Gary P. Ferraro. 2003. Cultural Anthropology: An Applied Perspective. 5<sup>th</sup> Edition. Wadsworth Publishing Co.
- Geertz, C. 1974. Myth, Symbol and Culture. New York:W. W. Norton.
- Geertz, C. 1993. The Interpretation of Culture. New York: Fontana Press.
- Harris, Marvin. 1968. Rise of Anthropological Theory. London: Routledge and Kegan Paul.

Harrison, G.A. and H.Morphy. 1998. Human Adaptation. Oxford: Oxford University Press  
 Jerry D. Moore. 2008. Visions of Culture - An Introduction to Anthropological Theories and Theorists. Altamira Press.  
 Kaplan, D and R. Manners. 1968. Theory in Anthropology. London: Routledge & Kegan.  
 Kuper, A. 1975. Anthropologist and Anthropology. Middlesex: Penguin.  
 Layton, Robert. 1998. An Introduction to Theory in Anthropology. Cambridge: University Press.  
 Levis-Strauss, C. 1963. Structural Anthropology. New York: Basic Books.  
 Mann, R.S. 1984. Anthropological and Sociological Theory. Jaipur: Rawat.  
 McGee, R.J and R.L.Warms. 1996. Anthropological Theory: An Introductory History. London: Mayfield Pub.  
 Poirier, F.E.; W.A. Stini; and K.B. Wreden. 1994. In search of ourselves : An Introduction  
 Upadhyay V.S and Pandey G. 1993. History of Anthropological Thought. Concept Publishing House.

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**Course Title** : **UNDERSTANDING ANTHROPOLOGY VI**  
**Course Code** : **ANTH Minor 6**  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

The instructional objectives of this Course are:

- To explain various methods of studying Human Genetics.
- To describe the idea of Cultural Ecology in Anthropology.
- To identify the Mesolithic sites of India, its Industry and Art.
- To outline practical knowledge on Culture, Ecology and Technology.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit – 1 15 Marks</b>	<b>METHODS OF STUDYING HUMAN GENETICS</b> 1.1 Chromosomal abnormalities: Down’s syndrome, Turner’s syndrome, Klinefelter’s syndrome 1.2 Karyotyping method of assessing chromosomal abnormalities 1.3 Method of studying Human Heredity: Pedigree and Twin Method	12	03		15
<b>Unit – 2</b>	<b>ECOLOGICAL ANTHROPOLOGY: CULTURAL</b>	12	03		15

<b>15 Marks</b>	<b>DIMENSIONS</b> 2.1 Ecological Anthropology: Definition, Aim and Scope 2.2 Relationship between culture and Ecology 2.3 Method of Cultural Ecology: Approach of Julian Steward				
<b>Unit – 3 15 Marks</b>	<b>MESOLITHIC CULTURE OF INDIA</b> 3.1 Mesolithic evidence of India: Mesolithic sites of Bagor, Adamgarh, Baghor II, Chopani Mando, Sarai Nahar Rai, Mahadaha, Damdama 3.2 Microlithic industry of India 3.3 Mesolithic Art of India	12	03		15
<b>Unit – 4 15 Marks</b>	<b>PRACTICAL</b> Students are required to prepare a report highlighting the relationship between Culture, Ecology and Technology of any one of the following groups based on secondary sources: <ul style="list-style-type: none"> <li>• Forest Dwellers</li> <li>• Riverine Groups</li> <li>• Hill Dwellers</li> </ul>		02	28	30
<b>Total:</b>		<b>36</b>	<b>11</b>	<b>28</b>	<b>75</b>

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

	<u>40 marks</u>
Two Unit test - - - - -	30 marks
Any <u>one</u> of the following activities listed below- -	10 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	

**Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Summarize various methods of studying Human Genetics and assessment of Chromosomal abnormalities.
- CO2: Interpret integral association between Culture and Ecology to study Human socio-cultural diversity.
- CO3: Appraise the Mesolithic cultural sites of India along with Microlithic Industry and Art.
- CO4: Synthesize Culture, Ecology and Technology from Cultural Ecological point of view.

**Suggested Readings:**

Bhasin V. and M.K. Bhasin. 2007. Anthropology Today. New Delhi: Kamla Raj Enterprise.

Chakrabarti, B.K.1999. India, An Archeological History: Palaeolithic Beginnings to Early Historic Foundations. New Delhi: Oxford University Press.

Chapman, J.L. and M.J.Reiss. 1994. Ecology: Principles and Applications. Cambridge: Cambridge University Press.

Chapman, J.L. and M.J.Reiss. 1994. Ecology: Principles and Applications. Cambridge: Cambridge University Press.

Dhavalikar, M.K.(Ed.) 2013. A Comprehensive History of India, Vol.1, Part1. Prehistory of India.

Gordon, D.H.1958. The Pre-Historic Background of Indian Cultures. Eastern Book Corporation. Graduate and Research Institute.

Habib, I. 2001. People’s History of India: Prehistory. New Delhi: Tulika Books.

Malik, S. L. and D. K. Bhattacharya. 1986. Aspects of Human Ecology. New Delhi: Northern Book Centre.

Malik, S. L. and D. K. Bhattacharya. 1986. Aspects of Human Ecology. New Delhi: Northern

Marten, G. G. 2001. Human Ecology. London: Stylus Publishing.

Marten, G. G. 2001. Human Ecology. London: Stylus Publishing.

Moran, E.F. (ed.) 1990. The Ecosystem Approach in Anthropology. Michigan: University Press

Moran, E.F. (ed.) 1990. The Ecosystem Approach in Anthropology. Michigan: University Press

New India: Manohar Publishers and Distributors.

Piggot S. 1950. Prehistoric India to 1000 B.C. New Delhi: Oxford IBH.

Sankalia, H.D. 1974. Pre- and Protohistory of India and Pakistan. Pune: Deccan College Post

Sankalia, H.D. 1977. Prehistory of India. New Delhi: Munshiram Manoharlal Publishers Pvt. Ltd.

Sankalia, H.D. 1991. An Outline of Indian Prehistory. Delhi: Palaka Prakashan.

Shukla, B. R. K., & Rastogi, S. (1991). An Introduction to Physical Anthropology and Human Genetics. PalakaPrakashan, Delhi.

Steward, J. 1955. Theory of Culture Change - The Methodology of Multilinear Evolution

Surendra M. Bhatnagar, Manu L. Kothari, Lopa A. Mehta, 1986. Essentials of Human Genetics, Orient Longman

Sutton, Mark Q. and E. N. 2004. Anderson Introduction to Cultural Ecology. Altamira Press.

Thapar, B.K.1985. Recent Archeological Discoveries in India. France and Japan. The United Nations Educational, Scientific and Cultural Organization & The Centre for East Asian Cultural Studies.

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### CO PO MAPPING

	SEMESTER VI : CO PO MAPPING
Course	Program Outcome: PO



	Course Outcome: CO	PO1	PO2	PO3	PO4
ANTH C-12	CO1	✓		✓	
	CO2	✓	✓		
	CO3		✓		✓
	CO4		✓		✓
ANTH C-13	CO1	✓			
	CO2		✓	✓	
	CO3		✓	✓	
	CO4		✓		✓
ANTH C-14	CO1	✓			
	CO2		✓	✓	
	CO3	✓	✓		
	CO4		✓		✓
ANTH C-15	CO1	✓			
	CO2	✓			
	CO3		✓	✓	
	CO4		✓		✓
ANTH Minor 6	CO1	✓		✓	
	CO2	✓	✓		
	CO3	✓	✓		
	CO4			✓	✓

## SEVENTH SEMESTER

<b>Course Title</b>	<b>: HUMAN GROWTH AND BODY COMPOSITION</b>
<b>Course Code</b>	<b>: ANTH C 16</b>
<b>Nature of Course</b>	<b>: Major</b>
<b>Total Credits</b>	<b>: 4 credits (3+1 = 4)</b>
<b>Distribution of Marks</b>	<b>: 60 (End-Sem.) + 40 (In-Sem.)</b>

### Course Objective:

The instructional objectives of this Course are to:

- To outline the students with the concept of growth and development, stages of growth and factors affecting growth.
- To discuss the knowledge of human physique and body composition and nutritional status.
- To describe the relationship between Body composition and Sports
- To demonstrate the somatometric measurements and different indices.

<b>UNITS</b>	<b>COURSE CONTENTS</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>LTP (75hrs.)</b>
<b>Unit 1</b> 15 Marks	<b>GROWTH AND DEVELOPMENT</b> 1.1 Concept of growth and development, Stages of human growth and development 1.2 Methods of studying human growth and development 1.3 Factors affecting growth (genetic and environment), Canalization, catch-up growth, catch-down growth, secular trends	12	03		15
<b>Unit 2</b> 15 Marks	<b>HUMAN PHYSIC AND BODY COMPOSITION</b> 2.1 Analysis of human physique and body composition – Somatotyping with reference to Parnell's, Sheldon's, Heath and Carter's Classification 2.2 Nutritional status: its assessment and significance, malnutrition and physical fitness	12	03		15

<b>Unit 3</b> 15 Marks	<b>BODY COMPOSITION AND SPORTS</b>  3.1 Concept and importance of Body composition in Sports  3.2 Ethnic differences in Body composition and its relation to Sports  3.3 Nutrition in Sports	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> <b>Somatometric measurements:</b>  Height vertex, Sitting Height vertex, Height Acromion, Minimum Frontal Breadth, Total Facial Height, Horizontal circumference of Head, Head Breadth, Head Length, Bizygomatic Breadth, Bigonial Breadth, Nasal Length, Nasal Breadth, Biacromial Diameter, Chest Circumference, Waist Circumference, Hip Circumference, MUAC, Skin fold thicknesses, and Body Weight  <b>Somatometric indices:</b>  Body Mass Index, WHR, Estimation of Body composition (Fat percentage and Muscle Mass), Cephalic Index, Morphological Facial Index  <b>Total number of subject to be measured by each student is five.</b>		02	28	30
<b>Total:</b>		36	11	28	75
Where,	L: Lectures	T: Tutorials	P: Practicals		

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
							10 marks
• Group Discussion							
• Seminar presentation on any of the relevant topics							
• Home Assignment							

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Interpret the concept of growth and development, stages of growth along different factors affecting growth.
- CO2: Discover knowledge on different human physique and body composition, nutritional status along different methods of assessment.
- CO3: Summarize importance of Body composition in Sports with ethnic differences and Nutritional importance.
- CO4: Choose Somatometric measurements along with the equipments and different indices.

**Suggested Readings**

Bogin, B. (1999) Patterns of Human Growth. 2nd edition CUP. Frisancho, R. (1993) Human Adaptation and Accommodation. University of Michigan Press.

Noel Cameron (2002) Human Growth and Development. Amerstadam, Academic Press.

G. A. Harrison et al. (1988) Human Biology. Oxford University Press.

W. A. Marshall (1977) Human Growth and its Disorders. London, Academic Press.

J. M. Tanner (1978) Foetus into Man. London, Open Books.

P.T Baker and J.S Weiner(ed.) (1966) The Biology of Human Adaptability. Oxford & New York, Oxford University Press.

A.K Kapoor and Satwanti Kapoor(ed.)(1995) Biology of Highlanders. Jammu, Vinod Publisher & Distributor.

Inder P. Singh and M.K. Bhasin (1989) Anthropology. Delhi, Kamla Raj Enterprises.

M.K. Bhasin and S.M.S. Chahal (1996) A Laboratory Manual for Human Blood Analysis Delhi, Kamla Raj Enterprises.

K. Boorman and B. Dodd (1988) Blood Group Serology. London, Churchill Living stone.

R.R. Race and R. Sanger (1975) Blood Groups in Man. 6 edn. Oxford, Black Well Scientific Publication.

J.S. Weiner and J.A. Lourie (1969) Human Biology: A Guide to Field Methods IBP Hand Book No. 9. Oxford, Black Well Scientific Publication.

Sodhi, H.S. (1991). Sports Anthropometry. Mohali: Anova Publishers.

Sudha Rastogi and B.R.K. Shukla (2003) Laboratory Manual of Physical Anthropology. Lucknow.

S. Nath (1991) Anthropology: A Study of Body Sizes, Shape & Form. Delhi, Friends Publication.

S. Nath (1984) Finger Print Identification. Delhi, SAP.

Inder P. Singh and M.K. Bhasin (2004) A Manual of Biological Anthropology.

Indera P. Singh and M.K. Bhasin: (1989) Anthropometry. Delhi, Kamla Raj Enterprises

White, Tim D (1991) Human Osteology. San Diego: Academic Press, Inc.

Bass, William (1987) Human Osteology: A laboratory and field manual. Special publication No. 2 of the Missouri Archaeological Society, Inc

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**Course Title** : VISUAL ANTHROPOLOGY  
**Course Code** : ANTH C 17  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are to:

- Define the concept of Visual Anthropology.
- Illustrate the classification of Visual Anthropology.
- Recognize the applied perspective of Visual Anthropology.
- Demonstrate the preparation of a Photo-ethnographic report.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	<b>INTRODUCTION TO VISUAL ANTHROPOLOGY</b> 1.1 Definition and Meaning, Aim and Scope 1.2 Emergence and Historical Development 1.3 Visual Culture, Photographic and Digital Media: Still, Interactive and Moving	12	03		15
Unit 2 15 Marks	<b>CLASSIFICATION OF VISUAL ANTHROPOLOGY</b> 2.1 Documentary and Ethnographic Films 2.2 Video Tapes and Feature Films 2.3 Issues and Ethical Concerns	12	03		15
Unit 3 15 Marks	<b>APPLIED CONTEXT OF VISUAL ANTHROPOLOGY</b> 3.1 Recording and Documenting Human Societies and Cultures 3.2 Preservation and Enrichment of Cultural Heritage	12	03		15
Unit 4 15 Marks	<b>PRACTICALS</b> Students are required to collect, analyze and prepare a report based on photo-ethnographic data of any cultural aspects of an indigenous community.		02	28	30
<b>Total:</b>		36	11	28	75

Where, L: Lectures T: Tutorials P: Practicals

Modes of In-Semester assessment:

Two Unit test - - - - - 40 marks  
 - - - - - 30 marks

Any one of the following activities listed below- - 10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Summarize the conceptual framework of Visual Anthropology.
- CO2: Relate the different categories and utility of Anthropological Films.
- CO3: Assess the role of Visual Anthropology in interpretation and enrichment of Culture through visual media.
- CO4: Develop an insight on the preparation of Photo-ethnographic report.

**Suggested Readings**

Arnheim, R. 1969 Visual Thinking, University of California Press  
Asch, T. 1971 Ethnographic Film Production, Film Comment 7(1):40-53  
Asch, T. 1972 Making Ethnographic film for Teaching and Research, PIEF Newsletter, 3(2):6-10  
Asch, T. et al. 1973 Ethnographic film: Structure and function, Ann. Reviews of Anthropology, 2:179-187  
Barndt, D. 1974 Toward a Visual study of Society, Michigan State University, College of Social Sciences  
Barnouw, E. 1974 Documentary: A History of Non-fiction film, Oxford University Press, New York  
Becker, 1981. Exploring society photographically, University of Chicago Press  
Bogaart, N.C.R., and H.W.E.R. Ketelaar, eds. 1983. Methodology in Anthropological Filmmaking. Gottingen: Edition Herodot.  
  
Breen, R. (Ed) 1977 Ethnographic Film, Cambridge University Press  
Hockings, P. (Ed) 1975 Principles of Visual Anthropology, Mouton, The Hague  
Collier, J. and Visual Anthropology: Photography as a Research Method,  
Collier, M. 1986. University of New Mexico Press  
Thorn, R. 1987 Visual anthropology as Teaching Method, CVA Newsletter.  
Mahendrakumar, M.S. 2013. Audio-Visual Anthropology. Concept Publishing House/  
Mead, M. and 1982 The study of culture at a distance, Chicago University Press  
Jeffrey, I. 1981. Photography : A Concise History, Oxford University Press, New York

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<b>Course Title</b>	<b>: CHALCOLITHIC AND LATER CULTURES OF INDIA</b>
<b>Course Code</b>	<b>: ANTH C 18</b>
<b>Nature of Course</b>	<b>: Major</b>
<b>Total Credits</b>	<b>: 4 credits (3+1 = 4)</b>
<b>Distribution of Marks</b>	<b>: 60 (End-Sem.) + 40 (In-Sem.)</b>

Course Objective:

The instructional objectives of this Course are to:

- Describe the beginning of Agriculture in India and diffusion of Village farming way of life.
- Illustrate the chronology and important characteristics of the sites of Harappan – Indus Valley Civilization.
- Explain the theories related to the decline of the Indus Civilization and beginning of the Iron Age
- Demonstrate the knowledge on identification, systematic drawing and description of Mesolithic and Neolithic Tools.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>BEGINNING OF AGRICULTURE AND VILLAGE FARMING WAY OF LIFE</b> 1.1 Beginning of Agriculture in India: Mehrgarh, Koldihawa 1.2 Diffusion of Village farming way of life: Killi Ghul Mohammad, Rana Ghundai	12	03		15
<b>Unit 2</b> 15 Marks	<b>HARAPPAN CULTURE</b> 2.1 Chronology 2.2 Harappan Sites: Kalibangan, Mohenjodaro, Harappa, Chanhudaro, Lothal 2.3 Town Planning, Architecture, Metal Technology, Art of Harappan Culture	12	03		15
<b>Unit 3</b> 15 Marks	<b>DECLINE OF THE INDUS CIVILIZATION AND BEGINNING OF THE IRON AGE</b> 3.1 Theories related to the decline of the Indus Civilization 3.2 OCP Copper Hoards, Black and Red Ware cultures, Painted Grey Ware cultures (PGW), Northern Black Polished Ware cultures (NBP),	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Identification, Systematic Drawing and Description of Tools: 1. Mesolithic Tools (5) 2. Neolithic Tools (5)		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

40 marks

Two Unit test - - - - - 30 marks

Any one of the following activities listed below- - 10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

### Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Discover the beginning of Agriculture and diffusion of Village farming way of life in the Indian sub continent.
- CO2: Interpret the idea of chronology and important characteristics of the sites of Harappan – Indus Valley Civilization.
- CO3: Analyze the theories related to the decline of the Indus Civilization and beginning of the Iron Age.
- CO4: Identify, systematically draw and describe the Mesolithic and Neolithic Tools.

### **Suggested Readings**

Agrawal, D. P. 1982. The Archaeology of India. Akar Books.

Agrawal, D. P. and Dilip K. Chakrabarti (ed) 1978. Essays in Indian Protohistory. New Delhi: D. K. Publisher.

Agarwal, D.P. and Chakraborty, D.K. (Ed.) 1979. Essays in Indian Protohistory. Delhi.

Agarwal D.P. and Kusumgar, Sheela. 1974. Prehistoric Chronology and Radiocarbon dating, India. Delhi: Munshiram Manoharlal.

Allchin Bridget, F. R. Allchin 1982. The Rise of Indian Civilization, Cambridge: Cambridge University Press.

Allchin, B. and Allchin, R. 1982. Rise of Civilization in India and Pakistan, Cambridge: University Press.

Alur, K.R. 1973. Significance of faunal remains in Archaeological studies. In : Radiocarbon and Indian Archaeology. Ed. D.P. Agrawal & A. Ghosh . Bombay p.111-117.

Badam, G.L. 1984. Pleistocene faunal succession of India. In : R.O. Whyte (Ed). The evolution of the east Asian Environment Centre of Asian Studies. University of Hong Kong. V. 2.

Pp 746-775.

Bose, N. K. , Sen, D. & Ray, G. S. 1958. Geological and cultural evidence at the stone age in Mayurbhanj. Man in India . 38(1) : 49-55.

Bose, H.K., Sen, D. and Ray, G. 1958. Geological and cultural evidences of the stone age in Mayurbhanj. Man in India. Vol. XXXVIII No. 1 p. 53-54.

Bhattacharya, D.K. 1972. Prehistoric Archaeology : A comparative study of human succession. Delhi: Hindusthan Publishing Corporation. 196 p.

Chottopadhaya, P.K. 1991. Ancient iron smelting technology of West Bengal . In : Studies in Archaeology. Ed. A. Datta. Books & Books. P. 67-76.

Chattopadhaya, R K. 1992. Palaeolithic West Bengal. Pratna Samiksha. Vol. 1. Directorate of Archaeology, Govt. of W.B. : 27-60.

Chakrabarti, D.K. 1993. Archaeology of Eastern India: Chhotonagpur Plateau and West Bengal. Delhi: Munshiram Manoharlal.

Chakraborty, D.K. 1988. Theoretical issues in Indian Archaeology. Delhi: Munshiram



Manoharlal.

Dani, A.H. 1960. Pre and Protohistory of Eastern India, Calcutta: Firma K.L. Mukhopadhyaya.

Datta, A. K. 1982. The palaeohistory of man and his culture, Delhi: Agam Kala Prakashan.

Datta, A.K. , Ray, D. K. and Samanta, B. 1984. Chamargora : the microlithic site of Tarafeni basin , Dist. Midnapur. In A. Roy et al (Ed.), Indian studies: Essays presented in memory of Prof. N. R. Ray , 15-19. Delhi: Caxton Publication. P. 21-30.

Davalikar, M. K. Cultural Imperialism in Indus Civilization in Western India. New Delhi: Books & Books.

Gordon, D.H. 1958. The Pre-historic Background of Indian Cultures, Eastern Book Cooperation.

Joshi Jagat Pati, 2008 Harappan Architecture and Civil Engineering. New Delhi: Rupa & Co. 7/16 Ansari Road.

Piggot Stuart, 1950. Prehistoric India to 1000 BC. New Delhi: Oxford IBH.

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**Course Title** : **UNDERSTANDING ANTHROPOLOGY VII**  
**Course Code** : **ANTH Minor 7**  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

The instructional objectives of this Course are:

- To outline the concept of Nutritional Anthropology along with bio-cultural perspectives and nutritional assessments.
- To describe the conceptual framework of Urban Anthropology.
- To state the beginning of Agriculture and development of Neolithic culture in their regional setting in India.
- To discuss Anthropometric measurements and assess the Nutritional status.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit – 1 15 Marks</b>	<b>INTRODUCTION TO NUTRITIONAL ANTHROPOLOGY</b> 1.1 Definition, Aim and objectives, Essential nutrients in human diet 1.2 Bio-cultural perspectives on food and nutrition 1.3 Malnutrition and anthropometric assessment of nutritional status	12	03		15
<b>Unit – 2 15 Marks</b>	<b>URBAN ANTHROPOLOGY</b> 2.1 Introduction: Meaning, Aim, Scope 2.2 Emergence and Historical development, Concept of Folk-Urban Continuum and Culture of Poverty 2.3 Rural-Urban migration, problems arising from Urbanism	12	03		15

<b>Unit – 3 15 Marks</b>	<b>NEOLITHIC CULTURE IN INDIA</b> 3.1 Early Farming communities of North Western region: Mehrgarh. Neolithic culture in Kashmir: Burzahom, Gufkral 3.2 Neolithic Culture in the central Ganga and Vindhyan region: Koldihawa, Mahagara. Eastern Neolithic sites: Chirand, Birbhanpur 3.3 Neolithic Culture of Southern Peninsular India: Sanganakallu, Nagarjunakonda. Neolithic Cultural development in Northeast India.	12	03		15
<b>Unit – 4 15 Marks</b>	<b>PRACTICAL</b> Each student will have to take Anthropometric measurements on ten (10) individuals and assess the Nutritional status using height, Weight and MUAC of the individual.		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

### **Modes of In-Semester assessment:**

	<u>40 marks</u>
Two Unit test - - - - -	30 marks
Any <u>one</u> of the following activities listed below- -	10 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	

### **Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Analyze the concept of Nutritional Anthropology and will learn about different nutritional problems along with its assessment.
- CO2: Interpret the significance of Urban Anthropology and its application for studying Urban societies and issues.
- CO3: Summarize the idea of beginning of Agriculture in different parts of Indian Subcontinent, significance of the site of Mehrgarh and Neolithic cultural development in their regional setting in India.
- CO4: Use Anthropometric measurements and assess the Nutritional status.

### **Suggested Readings:**

- Ahluwalia, Isher Judge, Ravi Kanbur and P. K. Mohanty. (Eds.). 2014. Urbanization in India: Challenges, Opportunities and the Way Forward. New Delhi: SAGE.
- Allchin Bridget, F. R. Allchin 1982. The Rise of Indian Civilization, Cambridge: Cambridge University Press.
- Allchin, B. and Allchin, R. 1982. Rise of Civilization in India and Pakistan, Cambridge:

Chaudhuri, Sumita (2015) Facets of Urbanisation: Views from Anthropology(ed.), UK, Cambridge Scholar Publishing.

Donald M Nonini (2014). A Companion to Urban Anthropology. New York: Wiley Blackwell.

Eames, E. & Goode, J. E. (1977). Anthropology of the City: An Introduction to Urban Anthropology. New Jersey: Prentice Hall.

Fox, R. G. (1977). Urban Anthropology: Cities in their Cultural Settings. Englewood Cliffs: Prentice Hall.

Foster, G. M. & Kemper, R. V. (2010). Anthropological Fieldwork in Cities. In Gmelch, G., Kemper, R. V., & Zenner. W. P. (eds.). Urban Life: Readings in the anthropology of City, 5th ed. Long Grove: Waveland Press. Pp. 5-15.

Graduate and Research Institute.

Paddayya, K. 1973. Investigations into the Neolithic Culture of the Shorapur Doab, South India. Leiden: E.J. Brill.

Pardo, I., & Prato, G. B. (Eds.). (2016). Anthropology in the city: methodology and theory. London: Routledge. Chpt. 1& 2.

Patel, Sujata and Deb, Kushal. (Ed.) 2006. Urban Studies. New Delhi: Oxford University Press.

Sankalia, H.D. 1974. Pre- and Protohistory of India and Pakistan. Pune: Deccan College Post

Sivaramkrishnan K., Kundu, A., & Singh, B. N. (2005). Handbook of Urbanization in India. Delhi: Oxford University Press.

Tyagi, Darshna (2006) Urban Anthropology: Encyclopedia of anthropology series, New Delhi, Anmol Publications Pvt. Limited.

University Press.

W. A. Marshall (1977) Human Growth and its Disorders. London, Academic Press

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**Course Title** : **RESEARCH ETHICS AND METHODOLOGY**  
**Course Code** :  
**Nature of Course** : **RM**  
**Total Credits** : 4 credits  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are to:

- Outline the concept of ethics in Research.
- Explain the various facets of Publication Ethics.
- Demonstrate the knowledge on empirical Fieldwork.
- State the knowledge and application of different Research Methods including of Bio-Statistics.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit – 1 15 Marks</b>	<b>ETHICS IN RESEARCH</b> 1.1 Definition, moral philosophy, nature of moral judgments and	12	03		15

	reactions 1.2 Intellectual honesty and research integrity 1.3 Scientific misconducts: Falsification, Fabrication, and Plagiarism (FFP) 1.4 Selective reporting and misrepresentation of data				
<b>Unit – 2 15 Marks</b>	<b>PUBLICATION ETHICS</b>  2.1 Definition, introduction and importance 2.2 Best practices / standards setting initiatives and guidelines: COPE, WAME, etc. 2.3 Conflicts of interest 2.4 Publication misconduct: definition, concept, problems that lead to unethical behavior and vice versa	12	03		15
<b>Unit – 3 15 Marks</b>	<b>FIELD WORK</b> 3.1 Aims and objectives of field tradition, formation of hypothesis, research questions, research design 3.2 Sources of data : primary and secondary data	12	03		15
<b>Unit – 4 15 Marks</b>	<b>METHODS AND TECHNIQUES</b> 4.1 Ethnographic method, Comparative method, Genealogical method, Case study method and Survey method 4.2 Statistical tools: Sampling, Classification and Tabulation of data, Variables, Frequency distribution, Histogram and Polygon 4.3 Report Writing		02	28	30
<b>Total:</b>		<b>36</b>	<b>11</b>	<b>28</b>	<b>75</b>

**Where,                      L: Lectures                      T: Tutorials                      P: Practicals**

**Modes of In-Semester assessment:**

	<u>40 marks</u>
Two Unit test    -    -    -    -    -    -	30 marks
Any <u>one</u> of the following activities listed below-    -	10 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	

**Course Outcomes:**

After the completion of this course, the learner will be able to:

- CO1: Apply the concept of ethics in Research.
- CO2: Use the various facets of Publication Ethics.
- CO3: Discover knowledge on empirical Fieldwork.
- CO4: Choose different Research Methods and Bio-Statistics.

**Suggested Readings:**

Bird, A. (2006). Philosophy of Science. Routledge.  
 Kothari, C.R. 2014. Research Methodology 2<sup>nd</sup> revised edition. New Age International Publisher.  
 MacIntyre, Alasdair (1967). A Short History of Ethics. London.  
 Ray, P.P. 2022. A Guide to Research and Publication Ethics. New Delhi Publishers.  
 Sarma, S.K. 2016. Research Methodology and Bio Statistics. Elsevier, India.  
 Singh, U.P. et.al. 2023. Research and Publication Ethics. Sultan Chand & Sons.

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**CO PO MAPPING**

SEMESTER VII : CO PO MAPPING					
Course	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
ANTH C-16	CO1	✓		✓	
	CO2		✓		✓
	CO3		✓		✓
	CO4	✓		✓	✓
ANTH C-17	CO1	✓			
	CO2		✓		✓
	CO3	✓	✓		
	CO4		✓	✓	✓
ANTH C-18	CO1	✓			
	CO2	✓	✓		
	CO3	✓		✓	
	CO4		✓		✓
ANTH Minor 7	CO1	✓	✓		
	CO2	✓		✓	
	CO3	✓		✓	
	CO4		✓		✓

ANTH RM	CO1	✓	✓		
	CO2	✓	✓		
	CO3	✓			
	CO4		✓	✓	✓

### **EIGHTH SEMESTER**

**Course Title** : **APPLIED ANTHROPOLOGY**  
**Course Code** : **ANTH C 19**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are to:

- Summarize the concepts of Applied, Action and Development Anthropology.
- Identify the domains of Applied and Action Anthropology.
- Explain different domains of Applied Physical Anthropology.
- Prepare a brief report from an Applied or Action Anthropology Perspective.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>INTRODUCTION TO APPLIED AND ACTION ANTHROPOLOGY</b> 1.1 Conceptual definition, Aim, Scope and Historical development 1.2 Differences between Applied, Action and Development Anthropology	12	03		15
<b>Unit 2</b> 15 Marks	<b>DOMAINS OF APPLICATION</b> 2.1 Business and Anthropology 2.2 Education and Anthropology 2.3 Agriculture and Anthropology	12	03		15

	2.4 Tourism and Anthropology 2.5 Fashion and Anthropology 2.6 Human Genetics and Public Health				
<b>Unit 3</b> 15 Marks	<b>INTRODUCTION TO APPLIED PHYSICAL ANTHROPOLOGY</b> 3.1 Nature, Aim and Scope 3.2 Application of Anthropometry: Designing clothing, Furniture, Automobile, Defense Equipments; Selecting Defense personnel, Games and Sports 3.3 Forensic Anthropology: Definition, Aim and Scope 3.4 Skeletal Biology and its importance in Forensic Anthropology	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> The students are required to visit a Sacred Place/ Tourist Spot/ Corporate or Business Sector/ Educational Institution and prepare a brief report from the Applied Anthropological Perspective.		02	28	30
<b>Total:</b>		36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>		

Modes of In-Semester assessment:

Two Unit test	-	-	-	-	-	40 marks
Any one of the following activities listed below	-	-				30 marks
						10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Summarize the concepts of Applied, Action and Development Anthropology.
- CO2: Assess the role of Applied and Action Anthropology in different realms of Human Society.
- CO3: Evaluate how Applied Physical Anthropology assists in improving Population Health.
- CO4: Interpret the application of Applied and Action Anthropology.

**Suggested Readings**

Burns, Peter. 1999. An Introduction to Tourism and Anthropology. Routledge.  
Byers, Steven. (2010). Introduction to Forensic Anthropology, 4th edition. Routledge.

Christensen, Angi, Passalacqua, Nicholas and Eric Bartelink. (2014). Forensic Anthropology: Current Methods and Practice. Academic Press. Delhi.

Ember, C. R. & M. Ember. 1981. Cultural Anthropology, New Delhi: Oxford Univ. Press.

Gary Ferraro, Susan Andreatta. 1992. Cultural Anthropology: An Applied Perspective. Cengage Learning.

Jordan, A.T. 2003. Business Anthropology. Waveland Pr Inc.

Klepinger, Linda L. (2006). Fundamentals of Forensic Anthropology. Wiley-Liss.

Komar, D.A. and Jane Buikstra. (2007). Forensic Anthropology: Contemporary Theory and Practice. Oxford: Oxford University Press.

Kroeber, A.L. 1954. Anthropology Today. Chicago : Univ. of Chicago Press.

Krogman, W.M. (1962). The Human Skeleton in Forensic Medicine. Illinois: Charles C.

Mair, Lucy. 1984. Anthropology and Development. Macmillan.

Mathur H.M. 1977. Anthropology in the Development process. Vikash Publishing House, New Nath, S. (1996). An Introduction to Forensic Anthropology. New Delhi: GyanPublications.

Sharma, V. and Sudesh Bhandari. 2022. Tourism Anthropology. Global Vision Publishing House. Thomas.

Vidyarthi, L.P. 1968. Applied Anthropology in India. Allahabad : Kitab Mahal.

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**Course Title** : **PREHISTORIC ECONOMIC PATTERNS**  
**Course Code** : **ANTH C 20**  
**Nature of Course** : Major  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objective:

The instructional objectives of this Course are to:

- Explain the social and economic approach in Archaeological studies.
- Outline the sociological interpretation of Archaeological data.
- Describe the various aspects of reconstruction of Prehistoric lifeways.
- Illustrate Prehistoric Pottery, its chronology, function and cultural aspects.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit 1 15 Marks	SOCIAL AND ECONOMIC APPROACH IN ARCHAEOLOGICAL STUDIES	12	03		15



	1.1 Sources of food: Botanical and Zoological evidences 1.2 Natural and Domesticated Food 1.3 Storage and Preservation 1.4 Pattern of Prehistoric trade: Trade goods and standard of exchange				
<b>Unit 2</b> 15 Marks	<b>SOCIO-ARCHAEOLOGY</b> 2.1 Social evolution in Prehistory – from savagery to civilization 2.2 Settlement Archaeology 2.3 Action Archaeology	12	03		15
<b>Unit 3</b> 15 Marks	<b>RECONSTRUCTION OF PREHISTORIC LIFEWAYS</b> 3.1 Demography in Prehistoric times 3.2 Determination of Prehistoric population size 3.3 Size and number of houses, size of settlements, number of burials, ceramic inventories, ecological consideration 3.4 Demonstrating changes in population	12	03		15
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Laboratory study of Prehistoric Pottery:  1. Study of pottery techniques 2. Chronological, cultural and functional classification of pottery as prescribed below – <ul style="list-style-type: none"> <li>• Neolithic pottery</li> <li>• Chalcolithic pottery</li> <li>• Harappan pottery</li> </ul> 3. Systematic representation on pottery types with the help of drawings – <ul style="list-style-type: none"> <li>• Full pot (2)</li> <li>• Body sherds (3)</li> </ul>		02	28	30
<b>Total:</b>		36	11	28	75

Where,

L: Lectures

T: Tutorials

P: Practicals

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
							10 marks

- Group Discussion
- Seminar presentation on any of the relevant topics
- Home Assignment

### Course Outcomes:

On completion of this Course, a student will be able to:

- CO1: Analyze the social and economic approach in Archaeological studies through various Archaeological evidences.
- CO2: Interpret sociological meaning of Archaeological data.
- CO3: Assess the varied aspects of reconstruction of Prehistoric culture and society.
- CO4: Summarize Prehistoric Pottery and able to identify its chronology, function and cultural aspects.

## **Suggested Readings**

Allchin, Raymond. 1995. The archaeology of Historic South Asia. Cambridge University Press, Cambridge, England.

Binford, L, R. 1972. An Archaeological Perspective. Academic Press, New York.

Brain, C.K.1981. The Hunters or the Hunted? An Introduction to African Cave Taphonomy. University of Chicago Press, Chicago.

Bramwell, M. 1973. Atlas of world Wildlife. Rand MacNally, New York.

Butzer, K.W.et al. 1975. After the Australopithecines: Stratigraphy, Ecology and Cultural Change in the Middle Pleistocene. Aldine, Chicago.

Carter, G.F. 1975. Man and the Land: A Cultural Geography. Holt, Rinehart and Winston, New York.

Casteel, R.W. 1976. Fish remains in Archaeology and Palaeoenvironmental studies. Academic Press, New York.

Chakrabarti, D.K. 2006. The Oxford Companion to INDIAN ARCHAEOLOGY. The Archaeological Foundations of Ancient India Stone Age to A.D 13th Century. Oxford University Press, YMCA Lib. Building, Jai Singh Road, New Delhi.

Chaplin, R.E. 1971. The Study of Animal bones from Archaeological sites. Seminar Press, London.

Childe, V. Gordon. 1956. Man Makes Himself. Watts, London.

----- 1939. The Dawn of European Civilization. 3rd ed. London, Kegan Paul.

----- 1951. Social Evolution. Schuman, New York.

Cohen, Mark 1988. Health and the Rise of Civilization. Yale University Press, New York, CT.

Cunliffe, Barry 1996. The Oxford Illustrated Prehistory of Europe. Oxford University Press, Oxford.

Gabel, Greighton. 1967. Analysis of Prehistoric economic Patterns. Holt, Rinehart and Winston, London.

Haris, David and Gordon Hillman 1989. Farming and Foraging. Oxford: Clarendon press.

Hodder I, Theories in Archaeology

Keightley, David 1983. The Origins of Chinese civilization. University of California Press, Berkeley and Los Angeles.

Leakey, M. 1984. Disclosing the Past. Doubleday, New York.

Lubbock, J. (Lord Avebury) 1865. Prehistoric Times, as Illustrated by Ancient Remains and the

Manners and Customs of Modern savages. Williams and Norgate, London.  
 ----- 1869. Prehistoric Times. 2nd ed. Williams and Norgate, London.  
 ----- 1870. The Origin of Civilization and the Primitive Condition of Man. Longmans, Green, London.  
 MacNeish, R.S. 1978. The Science of Archaeology ? Duxbury Press, North Scituate, Massachusetts.  
 Martin, Paul and Richard Klein. 1984. A Pleistocene revolution. University of Arizona Press, Tucson.  
 Price, Douglas and James Brown. 1985. Complexity Among Prehistoric Hunter-Gatherers. Academic Press, Orlando, FL.  
 Renfrew, A.C. 1973a. Before Civilization: The Radiocarbon Revolution and Prehistoric Europe. Cape, London.  
 Renfrew, A.C, M.J. Rowlands and B.A Seagraves (ed). 1982b. Theory and Explanation in Archaeology .Academic Press, New York.  
 Sahlin, Marshall. 1977. Stone Age Economics. Aldine, Chicago.  
 Smith, R. B and W, Watson. 1979(ed). Early South East Asia. Oxford University Press, Oxford, England.  
 Struever, Stuart. 1971. Prehistoric Agriculture. Natural History Press, Garden City, New York.

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**Course Title** : UNDERSTANDING ANTHROPOLOGY VIII  
**Course Code** : ANTH Minor 8  
**Nature of Course** : Minor  
**Total Credits** : 4 credits (3+1 = 4)  
**Distribution of Marks** : 60 (End-Sem.) + 40 (In-Sem.)

Course Objectives:

The instructional objectives of this Course are:

- Identify the idea about Epidemiology of communicable and non-communicable diseases.
- Describe the conceptual framework on the Indus Valley Civilization along with its major sites.
- Outline the conceptual framework of Visual Anthropology.
- To recognize diseases, symptoms along with their preventive and curative measures.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit – 1 15 Marks</b>	<b>MORBIDITY AND EPIDEMIOLOGY</b> 1.1 Meaning and Concept 1.2 Methods of studying Morbidity: Incidence and prevalence 1.3 Epidemiology of communicable and non-communicable diseases: Malaria, Tuberculosis, Leprosy, Diabetes, Cardiovascular diseases and Sexually transmitted diseases (STD)	12	03		15
<b>Unit – 2 15 Marks</b>	<b>VISUAL ANTHROPOLOGY</b> 2.1 Definition, Aim, Scope 2.2 Emergence and Historical Development	12	03		15

	2.3 Ethnographic and Documentary Films				
<b>Unit – 3 15 Marks</b>	<b>CHALCOLITHIC CULTURE OF INDIA</b> 3.1 Harappan – Indus Valley Civilization: Chronology 3.2 Important Harappan Sites: Kalibangan, Mohenjodaro, Harappa, Chanhudaro, Lothal	12	03		15
<b>Unit – 4 15 Marks</b>	<b>PRACTICAL</b> Each student has to prepare a report including the following components: 1. Mapping of Major diseases in India 2. Listing of symptoms of all the major diseases 3. Prevention and treatment of the same		02	28	30
<b>Total:</b>		36	11	28	75
	<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>	

### Modes of In-Semester assessment:

Two Unit test	-	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	-	30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	-	-	-	-	-	-	10 marks

### Course Outcomes:

After the completion of this course, the learner will be able to:

- CO1: Develop an idea about Epidemiology of communicable and non-communicable diseases.
- CO2: Appraise the role and application of Visual Anthropology in studying Human Culture and Society.
- CO3: Evaluate the Indus Valley Civilization and the importance of its major sites.
- CO4: Demonstrate the diseases, focusing on their symptoms, preventive and curative measures.

### **Suggested Readings:**

Das, Mithun and Subir Biswas (Eds.). 2019. Anthropology in Public Health. Concept Publishing Company.  
Chaudhuri, Buddhadeb and Subir Biswas (Eds.). 2018. Anthropology & Health Issues. Rawat Publication.  
Agrawal, D. P. 1982. The Archaeology of India. Akar Books.

Agrawal, D. P. and Dilip K. Chakrabarti (ed) 1978. Essays in Indian Protohistory. New Delhi: D. K. Publisher.

Agarwal, D.P. and Chakraborty, D.K. (Ed.) 1979. Essays in Indian Protohistory. Delhi.

Agarwal D.P. and Kusumgar, Sheela. 1974. Prehistoric Chronology and Radiocarbon dating, India. Delhi: Munshiram Manoharlal.

Allchin Bridget, F. R. Allchin 1982. The Rise of Indian Civilization, Cambridge: Cambridge University Press.

Allchin, B. and Allchin, R. 1982. Rise of Civilization in India and Pakistan, Cambridge: University Press.

Asch, T. 1971. Ethnographic Film Production, Film Comment 7(1):40-53

Asch, T. 1972. Making Ethnographic film for Teaching and Research, PIEF Newsletter, 3(2):6-10

Asch, T. et al. 1973 Ethnographic film: Structure and function, Ann. Reviews of Anthropology, 2:179-187

Barndt, D. 1974 Toward a Visual study of Society, Michigan State University, College of Social Sciences

Barnouw, E. 1974 Documentary: A History of Non-fiction film, Oxford University Press, New York

Becker, 1981 Exploring society photographically, University of Chicago Press

Bogaart, N.C.R., and H.W.E.R. Ketelaar, eds. 1983. Methodology in Anthropological Filmmaking. Gottingen: Edition Herodot.

Breen, R. (Ed) 1977 Ethnographic Film, Cambridge University Press

Hockings, P. (Ed) 1975 Principles of Visual Anthropology, Mouton, The Hague

Collier, J. and Visual Anthropology: Photography as a Research Method,

Collier, M. 1986. University of New Mexico Press

Mahendrakumar, M.S. 2013. Audio-Visual Anthropology. Concept Publishing House.

Jeffrey, I. 1981. Photography : A Concise History, Oxford University Press, New York

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**Dissertation – 8 Credits**  
**(Collection of Data, Analysis and Preparation of Report)**  
**or**  
**2 DSE Courses of 4 credits each in lieu of Dissertation:**  
**DSE – 1 Fundamentals of Anthropology VI**  
**DSE – 2 Understanding Anthropology IX**

**Course Title** : **DISSERTATION**  
**Course Code** :  
**Nature of Course** : Dissertation  
**Total Credits** : 8 credits  
**Distribution of Marks** :  
Course Objectives:

- Students will apply the knowledge of Fieldwork and Field methods by undertaking an empirical study on any topic as suggested by the respective supervisors. Two typed copies of Dissertations dully forwarded by the concerned supervisors are to be submitted one month before the examination.

Course Outcomes:

After the completion of this course, the learner will be able to:

- CO1: Apply the various techniques of data collection.
  - CO2: Analyze the collected empirical data.
  - CO3: Prepare a dissertation with chapter headings and references, footnotes, end notes etc.
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**Course Title** : **FUNDAMENTALS OF ANTHROPOLOGY VI**  
**Course Code** : **ANTH DSE - 1**  
**Nature of Course** : **DSE**  
**Total Credits** : **4 credits (3+1 = 4)**  
**Distribution of Marks** : **60 (End-Sem.) + 40 (In-Sem.)**

Course Objective:

The instructional objectives of this Course are:

- To explain the concept of Nutritional Anthropology.
- To outline Ethnomedicinal Practices.
- To describe how Ethnoarchaeology involves the investigations of contemporary behavior and Material Culture from an Archaeological Perspective.
- To illustrate the House type of a particular community.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
<b>Unit 1</b> 15 Marks	<b>NUTRITIONAL ANTHROPOLOGY</b> 1.1 Nutritional Anthropology: Aims and Objectives, Micro and Macro Nutrients 1.2 Bio-Cultural approach to the study of diet and nutrition 1.3 Nutritional Problems and Anthropometric Assessment of Nutritional status	12	03		15
<b>Unit 2</b> 15 Marks	<b>ETHNOMEDICINAL PRACTICES</b> 2.1 Concept of Ethnomedicine in Anthropology 2.2 Personalistic and Naturalistic Medical System 2.3 Diagnosis and Healing in Folk societies, Traditional Healers, Culture specific Psychological disorders	12	03		15
<b>Unit 3</b> 15 Marks	<b>ETHNOARCHAEOLOGY</b> 3.1 Definition, Nature, Scope and Methods of	12	03		15

	Ethnoarchaeology 3.2 Ethnoarchaeological researches in India with special reference to Northeast India. 3.3 Ethnoarchaeology and reconstruction of past Material Culture: Settlement Pattern, Technology, Ceramics and Food processing				
<b>Unit 4</b> 15 Marks	<b>PRACTICALS</b> Students are required to prepare a field based report on the House type of a particular community highlighting the following points: <ul style="list-style-type: none"> <li>• Site Selection</li> <li>• Structure</li> <li>• Raw Materials</li> <li>• Aesthetics</li> <li>• Division of Labour</li> <li>• House Warming Rituals</li> </ul>		02	28	30
<b>Total:</b>		36	11	28	75
<b>Where,</b>	<b>L: Lectures</b>	<b>T: Tutorials</b>	<b>P: Practicals</b>		

**Modes of In-Semester assessment:**

Two Unit test	-	-	-	-	-	<u>40 marks</u>
Any <u>one</u> of the following activities listed below-	-	-	-	-	-	30 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>						10 marks

**Course Outcomes:**

On completion of this Course, a student will be able to:

- CO1: Demonstrate the concept of Nutritional Anthropology along with the different methods to assess the nutritional problems.
- CO2: Examine the existence of distinctive notions of Health, Medicine and Healing Practices in different traditional societies.
- CO3: Evaluate the importance of ethnographic data and its importance in ethnoarchaeology.
- CO4: Develop practical knowledge on the cultural dimensions of House type of a community.

**Suggested Readings**

Allchin, B. 1994. Living Traditions: Studies in the Ethnoarchaeology of South Asia. New Delhi: Oxford & IBN Co Pvt Ltd.

Ansari, S. 2005. Ethnoarchaeology of Prehistoric Settlement Pattern of South-central Ganga Valley, Indian Society for Prehistoric and Quaternary Studies. Monograph series No.4. Pune: Indian Society for Prehistoric and Quaternary Studies

Basu, S. 1994. Tribal Health in India. Delhi: Manak Publications.

Burton, B.J. (1976) Human Nutrition. McGraw Hill, New York.

Chaudhuri, B. 1986. Tribal Health: Socio-Cultural Dimensions. New Delhi: Inter-India Publication.

Fleck. H. (1981) Introduction to Nutrition. Macmillan, New York.

Foster, G.M. 1978. Medical Anthropology. New York: John Wiley.

Gibney, M.J., Lanham-New, S.A., Cassidy, A., Vorster, H.H. (2009). Introduction to Human Nutrition. (2nd edition). A John Wiley & Sons, Ltd, Publication, United Kingdom.

Gopalan, C. and K. Vijayraghavan (1971) Nutrition Atlas of India. National Institute of Nutrition, Hyderabad.

Jensen, B. (2008). Nutritional Anthropology. New Delhi: Global Vision Publishing.

Kleinman, A., 1980. Patients and healers in the context of culture: An exploration of the borderland between Anthropology, Medicine and Psychiatry. University of California Press, Berkeley.

Landy, D. 1977. Culture, Disease and Healing. New York: Macmillan.

Nagar, M. 1975. Role of ethnographic evidence in the reconstruction of archaeological data. Eastern Anthropologist 28(1): 13-22.

Nutrition, (2nd edition). A John Wiley & Sons, Ltd, Publication, United Kingdom.

Nutrition, Hyderabad.

Read, M., 2003. Culture, Health and Disease. Tabiscope Press.

Schiffer, M. 1978. Methodological issues in ethnoarchaeology. P 229-47. Albuquerque: University of New Mexico Press.

Singh, B. and N. Mahanti. 1995. Tribal Health in India. New Delhi: Inter-India.

Worsley, P. 1982. 'Non-Western Medical Systems'. Annual Review of Anthropology, 11.

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**Course Title : UNDERSTANDING ANTHROPOLOGY IX**  
**Course Code : ANTH DSE - 2**  
**Nature of Course : DSE**  
**Total Credits : 4 credits (3+1 = 4)**  
**Distribution of Marks : 60 (End-Sem.) + 40 (In-Sem.)**

Course Objectives:

The instructional objectives of this Course are:

- Discuss the concept and Basic measures of Epidemiology.
- Describe the conceptual framework of the Indus Valley Civilization, its important characteristics along with its major sites.
- Outline the conceptual framework of Visual Anthropology along with its application.
- To recognize diseases, symptoms along with their preventive and curative measures.

UNITS	COURSE CONTENTS	L	T	P	LTP (75hrs.)
Unit – 1	EPIDEMIOLOGY IN ANTHROPOLOGY	12	03		15



<b>15 Marks</b>	1.1 Meaning and Basic Concepts 1.2 Population perspective of Epidemiology 1.3 Different measures: Incidence, Prevalence, Risk and Odds 1.4 Epidemiology of communicable and non-communicable diseases: Malaria, Tuberculosis, Leprosy, Diabetes, Cardiovascular diseases and Sexually transmitted diseases (STD)				
<b>Unit – 2 15 Marks</b>	<b>VISUAL ANTHROPOLOGY</b> 2.1 Definition, Aim, Scope 2.2 Emergence and Historical Development 2.3 Ethnographic and Documentary Films 2.4 Visual Anthropology in Cultural Preservation	12	03		15
<b>Unit – 3 15 Marks</b>	<b>CHALCOLITHIC CULTURE OF INDIA</b> 3.1 Harappan – Indus Valley Civilization: Chronology, Town Planning, Architecture, Seals, Sculptures, Script 3.2 Important Harappan Sites: Kalibangan, Mohenjodaro, Harappa, Chanhudaro, Lothal	12	03		15
<b>Unit – 4 15 Marks</b>	<b>PRACTICAL</b> Each student has to prepare a report including the following components: 1. Mapping of Major diseases in India 2. Listing of symptoms of all the major diseases 3. Prevention and treatment of the same		02	28	30
<b>Total:</b>		<b>36</b>	<b>11</b>	<b>28</b>	<b>75</b>

Where,

L: Lectures

T: Tutorials

P: Practicals

### Modes of In-Semester assessment:

	<u>40 marks</u>
Two Unit test - - - - -	30 marks
Any <u>one</u> of the following activities listed below- -	10 marks
<ul style="list-style-type: none"> <li>• Group Discussion</li> <li>• Seminar presentation on any of the relevant topics</li> <li>• Home Assignment</li> </ul>	

### Course Outcomes:

After the completion of this course, the learner will be able to:

- CO1: Develop an idea about Epidemiology of communicable and non-communicable diseases.
- CO2: Appraise the role and application of Visual Anthropology in studying Human Culture and Society.
- CO3: Evaluate the Indus Valley Civilization and the importance of its major sites.

- CO4: Demonstrate the diseases, focusing on their symptoms, preventive and curative measures.

### **Suggested Readings:**

- Das, Mithun and Subir Biswas (Eds.). 2019. Anthropology in Public Health. Concept Publishing Company.
- Chaudhuri, Buddhadeb and Subir Biswas (Eds.). 2018. Anthropology & Health Issues. Rawat Publication.
- Agrawal, D. P. 1982. The Archaeology of India. Akar Books.
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### CO PO MAPPING

SEMESTER VIII : CO PO MAPPING					
Course	Program Outcome: PO				
	Course Outcome: CO	PO1	PO2	PO3	PO4
ANTH C-19	CO1	✓	✓	✓	✓
	CO2	✓	✓	✓	✓
	CO3	✓	✓		
	CO4	✓	✓		
ANTH C-20	CO1	✓			
	CO2	✓			
	CO3	✓			✓

	CO4				✓
ANTH Minor 8	CO1		✓		
	CO2		✓	✓	
	CO3	✓			
	CO4		✓		
ANTH Dissertation	CO1	✓		✓	✓
	CO2		✓	✓	✓
	CO3	✓		✓	✓
ANTH DSE 1	CO1	✓		✓	
	CO2	✓	✓		
	CO3		✓		✓
	CO4		✓		✓
ANTH DSE 2	CO1	✓	✓		
	CO2	✓	✓		
	CO3			✓	
	CO4		✓		✓

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