

**FOUR YEAR UNDER GRADUATE (FYUG) PROGRAMME UNDER
NATIONAL EDUCATION POLICY, 2020**

ANTHROPOLOGY



Date of approval by the Academic Council: 21/05/2025

FOUR-YEAR UNDERGRADUATE PROGRAM (7th AND 8th Semesters)

SECTION 1: FOUR-YEAR UNDERGRADUATE PROGRAMMES (FYUG)

SEMESTER 7

Course	Course Code	Course Title	Papers	Credits
Major	ANT-400	RESEARCH METHODOLOGY & PROPOSAL WRITING	1	4
Major	ANT-401	SOCIAL AND CULTURAL ANTHROPOLOGY	1	4
Major	ANT-402	BIOLOGICAL ANTHROPOLOGY	1	4
Major	ANT-403	ARCHAEOLOGICAL ANTHROPOLOGY	1	4
Minor	ANT-404	LINGUISTIC ANTHROPOLOGY	1	4
Total			5	20

SEMESTER 8

Course	Course Code	Course Title	Papers	Credits
Major	ANT-450	ANTHROPOLOGY IN INDIA (For both Honours and Honours with Research only)	1	4
Minor	ANT-451	MATERIAL CULTURE & MUSEUM METHOD (For both Honours and Honours with Research only)	1	4
	ANT-452	RESEARCH METHODOLOGY, PROPOSAL WRITING & REPORT WRITING (For Honours with Research only)	1	12
Major	ANT-453	THEORIES IN ANTHROPOLOGY (For Honours only)	1	4
Major	ANT-454	HUMAN ECOLOGY & ADAPTATION (For Honours only)	1	4
Major	ANT-455	PALAEOANTHROPOLOGY (For Honours only)	4	4
Total				20
ANT- 450, 451 & 452: Shall be a course for students choosing a 4 year - UG Degree (Honours with Research) - 20 Credits ANT- 450, 451, 453; 454 & 455: Shall be advanced courses for student choosing a 4 years UG Degree (Honours) - 20 Credits				

RESEARCH METHODOLOGY & PROPOSAL WRITING

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objective: To learn (i) Formulation of Research Topic (ii) Field Selection (iii) Fieldwork methods & techniques (iv) Proposal writing

Course Outcome: To familiarize students with the

- conducting research in the field &
- writing research proposals

Unit I: *Formulation of Research Topic*: How to develop a research topic; Literature review – types and process; formulation of research questions and hypothesis.

Unit II: *Field Selection* – process of field selection; factors which aid selection; pilot survey; initial observation; identifying informants; learning language.

Unit III: *Fieldwork methods & techniques* – major methods used in anthropological fieldwork, tools and techniques, ethical concerns and how to mitigate them.

Unit IV: *Proposal writing*: Purpose and types; preparation of proposal outline; using resources and illustrations; Steps to an anthropological research proposal.

Suggested Reading

Amit, V. 1999. *Constructing the Field*. London: Routledge.

Bechhofer, F. and L. Paterson. 2000. *Principles of Research Design in the Social Sciences*. London: Routledge.

Beteille, A. and T. N. Madan. 1975. *Encounter and Experience*. New Delhi: Vikas.

Burgess, R. G. 1984. *In the Field: An Introduction to Field Research*. London: Routledge.

Ellen, R. F. 1984. *Ethnographic Research: A Guide to General Conduct*. London: Academic Press.

Epstein, A.L. 1978. *Crafts in Social Anthropology*. Delhi: Hindustan Publishing Corp.

Foster, G. M. et al. 1979. *Long Term Field Research in Social Anthropology*. New York: Academic Press.

Frellich, M. 1970. *Marginal Natives: Anthropologists at Work*. New York: Harper & Sons.

Goode, W J and P K Hatt. 1981. *Methods in Social Research*. Singapore: McGraw-Hill Book Company.

Herle, A. 1998. *Cambridge and the Torres Strait*. Cambridge: University Press.

Jongmans, D.G. and P.C.W. Gutkind. 1967. *Anthropologists in the Field*. Assen: Van Gorcum & Company.

Kumar, Somesh. 2002. *Methods for Community Participation*. New Delhi: Vistaar.

Levinson, D. and M Ember (eds), 1996. *Ency. of Cultural Anthropology*, Vol.2, New York: Henry, Holt & Co.

Russell, Bernard, H. 1995. *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Walnut Creek, CA: AltaMira Press.

Sarana, G. 1975. *The Methodology of Anthropology*. New York: The University of Arizona Press.

Srinivas, M.N. 1983. *The Observer and the Observed*. Faculty Lecture 1, Faculty of Arts and Social Sciences, University of Singapore.

Stocking, G.W. 1983. *Observers Observed: Essays on Ethnographic Fieldwork*. Madison: The University of Wisconsin Press.

Williams, T. R. 1967. *Field Methods in the Study of Culture*. London: Holt, Rinehart and Winston.

SOCIAL AND CULTURAL ANTHROPOLOGY

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objective: To learn basic concepts of social and cultural anthropology.

Course Outcome: The outcome of this paper is to familiarize students with the concepts spelled out in the four mentioned units.

- Unit I:** *Introduction:* Aim, scope and development of social and cultural anthropology; emerging sub branches of social and cultural anthropology; relationship with other branches of anthropology and with other disciplines-sociology history, psychology and linguistics.
- Unit II:** *Society and Culture:* Society, social structure, social institutions, social organization, role and status, function; culture- concept and characteristics of culture; ethno-centricism vs. cultural relativism and xenophobia; cultural revivalism and syncretism.
- Unit III:** *Marriage and Family:* definition of marriage, types and rules of marriage, marriage payment; definition and functions of family, types of family structure, marriage, residence and authority; recent changes in marriage and family- impact of urbanization, industrialization and feminist movement on marriage and family.
- Unit IV:** *Kinship and Descent:* principles of descent, forms of descent groups- lineage, clan, phratry, moiety and kindred; kinship terminology- classificatory/descriptive, terms of reference and address; kinship behavior; recent developments in kinship studies- Needham and Schnieder.

Suggested Reading:

- Auge, M. 1998. *A Sense of the Other*. Cambridge: University Press.
- Auge, M. 1999. *An Anthropology for Contemporary Worlds*. Cambridge: University Press.
- Beattie, J. 1966. *Other Cultures*. London: RKP.
- Doshi, S.L. 2001. *Social Anthropology*. New Delhi: Rawat.
- Dube, S.C. 1993. *Understanding Change: Anthropological and Sociological Perspectives*. New Delhi: Vikas.
- Ember, C.R. and M.Ember. 1981. *Cultural Anthropology*. New Jersey: Prentice-Hall.
- Fox, R. 1967. *Kinship and Marriage: An Anthropological Perspective*. Harmondsworth: Penguin Books.
- Gough, K. 1959. 'Nayars and the definition of Marriage,' in *Journal of Royal Anthropological Institute*, 89:23-24.
- Haviland, William A. *Cultural Anthropology*. Harcourt Brace College Publisher London, New York.
- Keessing, Felix. 1958. *Cultural Anthropology*. New York: Rinehart.
- Kuper, A. 1988. *Culture: The Invention of Primitive Society: Transformation of an Illusion*. London: Routledge.
- Kuper, A. 1999. *Culture: The Anthropologist's Account*. London: Harvard University Press.
- Leach, E.R. 1986. *Social Anthropology*. Glasgow: Fontana Press.
- Lewis, I.M. 1990. *Social Anthropology in Perspective*. Cambridge: University Press.
- Needham, R. 1962. *Structure and Sentiments*. Chicago: U Press.
- Parkin, R and L. Stone. 2004. *Kinship and Family: An Anthropological Reader*. Oxford: Blackwell Publishers.
- Rapport, Nigel and J. Overing. 2000. *Social and Cultural Anthropology: The Key Concepts*. London: Routledge. Press.
- Uberoi, P (ed). 1993. *Family, Kinship and Marriage in India*. Delhi: OUP.
- Williams, R. 1990. *Cultural Anthropology*. New Jersey: Prentice hall.

BIOLOGICAL ANTHROPOLOGY

1 Credit = 15 contact hours (Theory)

2 Credits = 30 contact hours

1 Credit = 30 contact hours (Practical)

2 Credits = 60 contact hours

Total 4 Credits = 90 contact hours

Learning Objective: To introduce the basic concepts of evolution, processes of evolution, basic characters and classification of living primates, understanding of ecology and adaptation, basic structure and function of human bones.

Course Outcome: Student should be able to gain knowledge about evolution, ecology and adaptation, living primates, human skeleton and its component bones and their functions.

Theory = 2 Credits

Unit I: *Introduction:* Aim and Scope of Biological Anthropology; Theories of evolution: Larmarckism, Darwinism, Synthethic theory; Evolution: Microevolution (Mutation, Natural selection, Genetic drift and Gene flow); Macroevolution (Speciation, Adaptive radiation, Extinction). Evidences for human evolution: Evidences from Embryology, Von Baer's Law; Evidence from Comparative Anatomy, Homology and Analogy.

(1 Credit;
15 contact
hours)

Unit II: *Primate Biology:* Definition, Characteristics and Classification of primates, Characteristics and Distribution of living Prosimii and Anthropeoidea, Comparison of New world and Old world Monkeys, Comparative anatomy of human with higher primates like Gibbon, Orangutan, Chimpanzee and Gorilla. Primate Behaviour: Social behaviour, Sexual behaviour, Dominance, Communication and Learning. Concepts in Ecology: Definition, ecosensitivity adaptation, acclimation, acclimatization, biotic and abiotic component.

(1 Credit;
15 contact
hours)

Practical = 2 Credits

Unit III: *Osteology:* Introduction and scope. Shape and functions of bones. Identification, drawing and description of bones of human skeleton – Skull: Norma Verticalis, Occipitalis, Frontalis, Lateralis and Basalis. Long bones: Femur, Tibia, Fibula, Humerus, Radius, Ulna. Pectoral girdle: Scapula and Clavicle. Pelvic girdle: Hip bone. Vertebral Column: Atlas, Axis, Cervical, Thoracic, Lumber and Sacrum.

(1 credit;
30 Contact
hours)

Unit IV: *Anthropometry:* Introduction and scope, anthropometric instruments.

(1 credit;
30 Contact
hours)

Somatometric measurements - Height, Sitting Height, Head Length, Head Breadth, Nasal Height, Nasal Breadth, and Body Weight.

Somatometric indices – Body Mass Index, Relative Sitting Height (Cormic) Index, Cephalic Index, and Nasal Index.

Suggested Readings:

Buettner-Janusch, J. 1966. *Origins of Man*. New Delhi: Wiley Eastern Pvt. Ltd.

- Das ,B.M. and R. Deka. 2001. *Physical Anthropology: Practicals*. Allahabad: Kitab Mahal.
- Das, B.M. 1997. *Outline of Physical Anthropology*. Allahabad: Kitab Mahal.
- Harrison, G.A. et al. 1988. *Human Biology*. Oxford: Clarendon Press.
- Ingold, T. and Palsson, G. eds., 2013. *Biosocial becomings: integrating social and biological anthropology*. Cambridge University Press.
- Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. 2012. *Introduction to Physical Anthropology*. Wadsworth Publ., USA
- Lasker, G.W., Harrison, G.A., Jablonski, N., Little, M., Strier, K. and Weiss, K.M., 1995. *Human variability and plasticity* (No. 15). Cambridge University Press.
- Lewin, R. 1999. *Human Evolution*. New York: Blackwell Science Ltd.
- Mukherji, D., Mukherjee, D.P. and Bharati, P. 2009. *Laboratory manual for Biological Anthropology*. Kolkata: Asian Books Pvt. Ltd.
- Nystrom, P. and Ashmore P. 2011. *The Life of Primates*. New Delhi: PHI Learning Pvt. Ltd.
- Park, M. A. 1996. *Biological Anthropology*. California: Mayfield Publishing Company.
- Poirier, F.E., W.A.Stini and K.B.Wreden. 1990. *In Search of Ourselves: An Introduction to Physical Anthropology*, 4th edition. New Jersey: Prentice Hall.
- Singh, I.P. and M.K. Bhasin. 1989. *Anthropometry*. New Delhi: Kamla Raj Enterprises.
- Srivastava, R.P. 2011. *Morphology of the Primates and Human Evolution*. New Delhi: PHI Learning Pvt. Ltd.
- Stanford, C., Allen, J.S. and Antón, S.C., 2011. *Biological anthropology: the natural history of humankind*. Pearson Education.
- Stanford C., Allen J.S. and Anton S.C. 2010. *Exploring Biological Anthropology. The Essentials*. Prentice Hall Publ, USA.
- Ulijaszek, S. J., & Ulijaszek, S. J. 1995. *Human energetics in biological anthropology* (Vol. 16). Cambridge University Press.
- Weiner, J. S. and J.A. Lourie. 1981. *Practicals in Human Biology*. London: Academic Press.

ARCHAEOLOGICAL ANTHROPOLOGY

1 Credit = 15 contact hours	(Theory)	2 Credits = 30 contact hours
1 Credit = 30 contact hours	(Practical)	2 Credits = 60 contact hours

Total 4 Credits = 90 contact hours

Learning Objective: To understand the basics of archaeological anthropology, including concept, types, advances, methods used etc.

Course Outcome: The student is expected to be able to understand how the human cultural past can be studied.

Theory = 2 Credit

Unit I: *Introduction:* Definition, scope and aims, Importance of studying archaeological anthropology, Ownership of the past, Crisis in archaeology, Major branches, Recent advances: salvage archaeology, ethno-archaeology, experimental archaeology, settlement archaeology, public archaeology.

Unit II: *Archaeological Methods:* Site, Types of site, Archaeological record (data, matrix, provenance and context), Finding and assessing archaeological sites, Archaeological excavation, Classifying artifacts, Technologies of the past, Dating methods, Interpretation of archaeological materials (subsistence pattern, economy, diet, settlement pattern, demography, social organization, religion).

Practical = 2 Credits

Unit III: *Stone tool:* Systematic representative drawings of Lower Palaeolithic (chopper, handaxe, cleaver), Middle Palaeolithic (scraper, point), Upper Palaeolithic (blade, knife, burin, borer, bone tools), Mesolithic (geometric and non-geometric microliths, Hoabinhian), and Neolithic (chipped axe, celt – axe and adze).

Contact hours 30

Unit IV: *Analysis of tools:* Identification of minerals and rock types; Classifying the tools into types; Identification of technique of manufacture; Identification of function (edge angle measurements and unit distributions).

Contact hours 30

Suggested Reading:

- Bhattacharya, D. K. 1989. *Prehistoric archaeology*. Delhi: Palaka Prakashan.
- David, N. & C. Kramer. 2001. *Ethnoarchaeology in Action*. Cambridge: University Press.
- Fagan, B.M. 2020. *In the Beginning*. New York: Routledge.
- Hodder, I. & S. Hutson. 2003. *Reading the Past*. Cambridge: University Press.
- Hodges, H. 1971. *Artefacts: An Introduction to Early Materials and Technology*. London: John Baker.
- Hole, F. & R.F.Heizer. 1973. *An Introduction to Prehistoric Archaeology*. New York: Holt, Rinehart and Winston.
- Hunt, A. M. W. 2017. *The Oxford handbook of archaeological ceramic analysis*. Oxford: OUP.
- Millson, D. C. E. 2011. *Experimentation and Interpretation: The use of experimental archaeology in the study of the past*. Oxford: Oxbow books.
- Oakley, K.P. 1975. *Man as Toolmaker*. London: British Museum.
- Sankalia, H.D. 1964. *Stone Age Tools: Their Techniques, Names, Probable Functions*. Pune: DCPRI.

- Semenov, S.A. 1976. *Prehistoric Technology*. Wiltshire: Moonraker Press.
- Skibo, J. M., M. W. Graves & M. T. Stark. 2007. *Archaeological Anthropology: Perspectives on Method and Theory*. Arizona: University of Arizona Press.
- Trigger, B. G. 1990. *A History of Archaeological Thought*. Cambridge: University Press.
- Yellen, J. E. 1977. *Archaeological Approaches to the Present: Models for Reconstructing the Past*. New York: Academic Press.

ANT- 403 (Minor Course)

4 Credits

LINGUISTIC ANTHROPOLOGY

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objective: To understand the co-relation between communication, culture and language; how language is used in day to day living and; the language related issues of cohesion and conflict.

Course Outcome: The student is expected to understand the close connection between human life and language.

- Unit I:** *Introduction:* Linguistic Anthropology – Definition and Scope; Nature, characteristics and functions of language; human and nonhuman communication; verbal and non-verbal communication; place of language in Anthropology.
- Unit II:** *Linguistic Terms and Concepts:* Phonemes and phonology, morphemes and morphology, syntax and semantics, pragmatics; Lexical relations: synonymy, antonymy, homophony, homonymy.
- Unit III:** *Social context of language use:* Sociolinguistics; linguistic and social inequalities; linguistic prejudices and stereotypes; power and solidarity relations in language; language and ethnicity.
- Unit IV:** *Language Issues:* Multilingualism; Ethnic minorities and tribal languages; endangered languages and revitalization

.Suggested Readings:

- Ahearn, Laura M. 2012. *Living Language*. Malden: Wiley-Blackwell.
- Bauman Richard. 2018. Others' Words, Others' Voices: The Making of a Linguistic Anthropologist. *Annu. Rev. Anthropol.* 2018. 47:1–16.
- Ball Christopher. 2018. Language of Kin Relations and Relationlessness. *Annu. Rev. Anthropol.* 2018. 47:47–60.
- Duranti, A. 2009. *Linguistic Anthropology*. Cambridge: University Press.
- Duranti, A. 2004. *A Companion to Linguistic Anthropology*. Malden: Blackwell.
- Goodenough, W.H. 1971. *Culture, Language and Society*. Mass: Addison Wesley.
- Hickerson, N.P. 1980. *Linguistic Anthropology*. New York: Holt, Rinehart and Winston.
- Hymes, D.H. 1964. *Language in Culture and Society*. New York: Harper & Row.
- Kottack, Conrad P. et al. eds, 1997. *The Teaching of Anthropology*, London: Mayfield Pub. Co.
- Kramarae, Cheris et al (eds), 1984. *Language and Power*. Beverly Hills: Sage.
- Lyons, J. 1982. *Language & Linguistics: An Introduction*. Cambridge: University Press.
- Misra, K.K. 2000. *Textbook of Anthropological Linguistics*. New Delhi: Concept.

- Ottenheimer, H. 2006. *Anthropology of Language*. Belmont: Thomson, Wadsworth.
- Nuyts, Jan and Eric Pederson. 2000. *Language and Conceptualization*. Cambridge: University Press.
- Pride, J.B. 1970. *The Social Meaning of Language*. London: OUP.
- Stanlaw James, N. Adachi and Zdenek Salzmänn. 2017. *Language, Culture and Society- An Introduction to Linguistic Anthropology*. New York: Routledge.
- Thomas, Linda et al. 1999. *Language, Society and Power: An Introduction*. London: Routledge.

ANT- 450 (Major Course)

4 Credits

ANTHROPOLOGY IN INDIA

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objective: To understand the culture, society and civilization of India from the perspective of holism, cross-cultural comparison and empiricism and to understand its unique characteristics.

Course Outcome: The student will understand the diversity and unique features of India holistically.

- Unit I:** *Introducing Anthropology of India:* Approaches to the study of Indian society, culture and civilization - indological, historical, and anthropological.
- Unit II:** *Caste - varna and jati;* Caste among non-Hindus (Muslims and Christians and Sikhs); Dominant caste; Caste mobility: Sanskritization, Westernization.
- Unit III:** *Tribes and Castes in India:* regional, economic and linguistic classification of tribes in India; Scheduled Caste, Scheduled Tribe, Other Backward Classes; Constitutional safeguards for the protection and development of Scheduled Castes and Scheduled Tribes.
- Unit IV:** *Contribution of some selected Indian Anthropologists:* L. A. Krishna Iyer, D. N. Majumdar, Iravati Karve, N. K. Bose, L. P. Vidyarthi, and Verrier Elwin.

Suggested Readings:

- Bayly, S. 2001. *Caste, Society and Politics in India from the 18th Century to the Modern Age*. Cambridge: University Press.
- Berger, Peter & Frank Heidemann. 2013. *The Modern Anthropology of India: Ethnography, Themes and Theory*. New York: Routledge.
- Beteille, A. 1991. *Society and Politics in India*. Delhi: OUP.
- Channa, Subhadra. 2020. *Anthropological Perspectives on Indian Tribes*. New Delhi: Orient-Blackswan.
- Cohn, B. 1971. *India: The Social Anthropology of a Civilization*. London: Prentice-Hall.
- Danda, A.K. 1995. *Foundations of Anthropology in India*. New Delhi: Inter-India.
- Dirks, N.B. 2001. *Castes of Mind: Colonialism and the Making of Modern India*. Princeton: Princeton University Press
- Dumont, L. 1976. *Homo Hierarchicus*. Delhi: Vikas.
- Heesterman, Jan. 1985. *The Inner Conflict of Tradition*. Chicago: University Press.
- Inden, R. 1980. *Imagining India*. Oxford: Basil Blackwell.

- Jodhka, Surinder.S. 2004. Sikhism and the Caste Question: Dalits and their Politics in Contemporary Punjab. *Contributions to Indian Sociology*. 38(1-2) 165-192.
- Kavoori,Purnendu.S. 2002. The Varna Trophic System: An Ecological Theory of Caste Formation. *Economic and Political Weekly*, 37(12).
- Nadkarni,M.V. 2003. Is Caste System Intrinsic to Hinduism? Demolishing a Myth. *Economic and Political Weekly*,38(45) 4783-4793.
- Ranjan, Geetika.2016. *Approaches to the Study of Indian Culture and Society*. New Delhi: Pragun Publications
- Rudolph, L. and S. Rudolph. 1970. *The Tradition of Modernity*. London: Chicago University Press.
- Saksena,H.S.et.al.(ed).2010. *Anthropology in India*. Delhi: Serials Publications.
- Singer, M. 1955. The Cultural Pattern of Indian Civilization. *The Far Eastern Quarterly*, 15(1).
- Srinivas, M.N. 1987. *Dominant Caste and Other Essays*. Delhi: OUP.
- Mosse, D. 1994. Idioms of Subordination and Styles of Protest among Christian and Hindu Harijan Castes in Tamil Nadu. *Contrib. Ind. Sociol.* 28, 67-106.

ANT- 451 (Minor Course)

4 Credits

MATERIAL CULTURE AND MUSEUM METHOD

(1 Credit Theory = 15 contact hours; 3 Credits Practical = 90 contact hours)

Learning Objectives: To learn the interrelationship between material culture and museum, and to apply the theoretical aspects in practice.

Course Outcome: The student is expected to develop the skills of managing material culture items (visually and physically).

Theory = 1 Credit

Unit I: Introduction: Definition, scope, and importance of studying material culture; Material culture and anthropology; Techniques of studying material culture; Functions and role of museums in anthropology; History of ethnographic museums; Types of museum; New museum movement; Practices of object display.

Practical = 3 Credits (All units are of 1 credit)

Unit II: Studying material culture: Systematic study of 10 artifacts of Northeast India with special reference to hunting, fishing, horticultural/agricultural, storing and carrying activities; Systematic visual documentation of 4 artifacts through photography and creation of metadata; Systematic audio-visual documentation of 1 artifact with narrative (based on research).

Unit III: Museum method: Cleaning, treatment and preservation of wood/bamboo artifacts (with Shellac solution); Cataloguing of artifacts; Creation of metadata; Visual storage; Thematic display of museum artifacts; Systematic curation of 1 exhibit.

Unit IV: Learning on the job: 14 days internship in a museum, where each student will undergo different curatorial assignments – such as handling of artifacts, conducting research, curating exhibits, leading tours and others.

Suggested Reading:

Anderson. G. 2004. *Reinventing the Museum*. CA: Altamira Press.

- Basa, K. K. 2016. Anthropology and Museums in India. In R. Schug & S. R. Walimbe (Eds.), *A Companion to South Asia in the Past*. Wiley Blackwell, 465-481.
- Basu, M. N. 1975. *Study on Material Culture*. Calcutta: World Press.
- Bouquet, M. 2012. *Museums: A Visual Anthropology*. London: Bloomsbury.
- Buchli, V. 2002. *The Material Culture Reader*. Oxford: Berg Publishers.
- Caple, C. 2003. *Conservation Skills: Judgement, Method and Decision Making*. NY: Routledge.
- Edwards, E. 2021. *Raw Histories: Photographs, Anthropology and Museums*. Oxon: Routledge.
- Hodder, I. 1982. *Symbols in Action: Ethnoarchaeology Studies of Material Culture*. Cambridge: CUP.
- Hodder, I. 1989. *The Meanings of Things: Material Culture and Symbolic Expression*. London: Harper Collins.
- Kreps, C. 2019. *Museums and Anthropology in the Age of Engagement*. New York: Routledge.
- Miller, D. 1998. *Material Cultures: Why Some Things Matter*. Chicago: University of Chicago Press.
- Pinney, C. 2012. *Photography and Anthropology*. London: Reaktion Books.
- Pinniger, D. 2001. *Pest Management in Museums, Archives, and Historic Houses*. London: Archetype Pub.
- Prown, J. D. 1982. Mind in Matter: An Introduction to Material Culture Theory and Method. *Winterthur Portfolio*, 17(1): 1-19.
- Stocking, G. W. 1985. *Objects and Others: Essays on Museums and Material Culture*. Madison: University of Wisconsin Press.
- Thomas, N. 2010. The Museum as Method. *Museum Anthropology*, 33(1); 6-10.
- Tilley, C., W. Keane, S. Kuchler, M. Rowlands & P. Spyer. 2006. *Handbook of Material Culture*. London: Sage.
- Woodward, I. 2007. *Understanding Material Culture*. London: Sage.

ANT- 452

12 Credits

RESEARCH METHODOLOGY, PROPOSAL WRITING & REPORT WRITING

Learning Objective: This project is about how to do conduct research in order to understand the concepts spelled out in the mentioned domains of research methodology, proposal writing and report writing.

Course Outcome: The students shall be familiarized with the methods and techniques of doing fieldwork and collecting data, as well as how to analyse the data collected.

The student will undertake fieldwork on a selected topic after due preparation, and submit a dissertation on the given topic. The distribution of credits is given as under:

1. Theoretical orientation (4 credits; each unit is of 1 credit)

Unit I Preparation for fieldwork – Selection of topic and locale; review of literature on selected topic; preparation of village census and interview schedules.

Unit II Field methods – using observation, interview, genealogy, case study and focus group; analysis of data using above methods; use of visual methods

Unit III Analysis of data – types of data; presentation and analysis of data; basic descriptive statistics

Unit IV Report writing – introduction, background and organisation of report; key elements to include in report; citations, bibliography and references

2. Dissertation 8 credits

ANT- 453 (Major Course)

4 Credits

ANTHROPOLOGICAL THOUGHT

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objectives: To understand how Anthropology emerged as an empirical discipline and to understand anthropological thought through the writings of most important thinkers and the perspectives of the well-known Schools of thought.

Course Outcome: Students shall understand the different concepts and theories regarding culture.

Unit-I: Introduction: Definition and importance of theory; Theory and model, theory and concept, theory and hypothesis, theory and law; Theories in Anthropology- an overview.

Unit-II: Classical Evolutionism – E.B.Tylor, J.G.Frazer and L.H.Morgan; Historical Particularism – Franz Boas; Diffusionism – British School, German-Austrian School and American School; Functionalism – B.Malinowski; Culture and Personality – Ruth Benedict, Margaret Mead, Abram Kardiner and Cora Du-Bois.

Unit-III: Neo-Evolutionism –V.G.Childe, J.Steward and L.A.White; Structural-functionalism – A.R.Radcliffe-Brown, R.Firth and S.F.Nadel; Structuralism – C.Levi-Strauss and Edmund Leach.

Unit-IV: Cognitivism – Ward Goodenough; Symbolism and Interpretivism-D.M.Schneider, Victor Turner, Mary Douglas and Clifford Geertz; Post-modernism – James Clifford, George Marcus and Stephen A.Tyler.

Suggested Reading:

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

Black, T. R. 1999. *Doing Qualitative Research in the Social Sciences*. London: Sage.

Bloch, M. 1991. *Language, Anthropology and Cognitive Science*. Man. 26 (2): 183-98.

Bolles, A. L. et.al (ed.). 2022. *Anthropological Theory for the Twenty-First Century: A Critical Approach*. Toronto: University of Toronto Press.

Charon, J. 1992. *Symbolic Interactionism*. New Jersey: Prentice hall.

Clifford, J. and G. Nancus. 1986. *Writing Culture: the Poetics and Politics of Ethnography*. Berkeley: Univ. of California Press.

Ember, C.R and M. Ember. 1981. *Anthropology*. IIIrd ed. NJ: Prentice-hall.

- Evans-Pritchard, E. 1981. *History of Anthropological Thought*. New York: Basic Books.
- Geertz, C. 1993. *The Interpretation of Culture*. New York: Fontana Press.
- Harris, M. 1968. *Rise of Anthropological Theory*. London: Routledge and Kegan Paul.
- Hastrup, K. 1995. *A Passage to Anthropology: Between Experience and Theory*. London: Routledge.
- Herzfeld, M. 2001. *Anthropology: Theoretical Practice in Culture and Society*. Oxford: Blackwell.
- Kaplan, D and R. Manners. 1968. *Theory in Anthropology*. London: Routledge & Kegan.
- Kuper, A. 1975. *Anthropologist and Anthropology*. Middlesex: Penguin.
- Layton, R. 1998. *An Introduction to Theory in Anthropology*. Cambridge: University Press.
- McGee, R.J and R.L.Warms. 1996. *Anthropological Theory*. London: Mayfield Pub.
- McNeil, P. 1990. *Research Methods*. London: Routledge.
- Moore, H and T. Sanders (ed). 2006. *Anthropology in Theory: Issues in Epistemology*. Malden: Blackwell Publishing.
- Radcliffe-Brown, A. R. 1952. *Structure and Function of Primitive Society*. London: Routledge & Kegan.
- Rose, D. 1990. *Living the Ethnographic Life*. London: Sage Publications.

ANT: 454 (Major)

4 Credits

HUMAN ECOLOGY & ADAPTATION

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objective:	To understand the anthropological approaches used in the study of human-environment relations
Course Outcome:	▪ Demonstrate the ability to understand the interaction between human ecology and adaptation studies in anthropology. ▪ Cross-culturally examining 'human adaptation' from biological, cultural and behavioural adjustments as for example - to extreme climatic stresses (heat, cold and high altitude), nutrition and infectious diseases will broaden the student's knowledge on theoretical as well as applied interests.

- Unit I:** *Introduction:* Definition, objectives, approaches to the study of human ecology – cultural, biological and behavioral, human ecosystem; environmental degradation, human health and climate change; ecogeographical rules and biometeorology.
- Unit II:** *Internal and External adaptation* – homeostasis, homeothermy, acclimation, acclimatization, accommodation, developmental adaptation, cultural and behavioural adaptation; biological adaptation to heat, cold and high altitude.
- Unit III:** *Nutritional requirements of humans*, malnutrition, dietary and anthropometric assessment of nutritional status, SBH hypothesis, Thrifty-Gene hypothesis, homeostatic and genetic potential theories.
- Unit IV:** *Infectious diseases* - Nature of infectious diseases, epidemiology and public health, human adaptation, lifestyle diseases and stress, co-evolution of people and disease.

Suggested Readings:

- Baker, P.T. 1978. *The Biology of High Altitude Peoples*. Cambridge: University Press.
- Baker, P.T. and J.S.Weiner. 1966. *The Biology of Human Adaptability*. Oxford: Clarendon Press.
- Bhasin M. K. and S. L. Malik. 1998. *Contemporary Studies in Human Ecology*. New Delhi: Kamla Raj Enterprise.
- Bhasin V., and M.K. Bhasin. 2000. *Man-Environment Relationship*. New Delhi: Kamla Raj Enterprise.
- Bhasin V., Srivastava V.K. and M.K. Bhasin. 2001. *Human Ecology in the New Millenium*. New Delhi: Kamla Raj Enterprise.
- Bose K. 2006. *Ecology, Culture, Nutrition, Health and Disease*. New Delhi: Kamla Raj Enterprise.
- Chapman, J.L. and M.J.Reiss. 1994. *Ecology: Principles and Applications*. Cambridge: Cambridge University Press.
- Friscancho, A.R. 1981. *Human Adaptation*. Ann Arbor: University of Michigan Press.
- Gillian H. Ice and Gary D. James (2007) *Measuring Stress in Humans: A Practical Guide for the Field Cambridge Studies in Biological and Evolutionary Anthropology*. UK: Cambridge University Press.
- Ginsburg G. and Huntington Willard. 2017. *Genomic and Precision Medicine: Cardiovascular Disease*. 3rd Edition UK: Academic Press.
- Harrison, G.A. and H. Morphy. 1998. *Human Adaptation*. Oxford: Oxford University Press.
- Harrison, G.A. et al. 1988. *Human Biology*. Oxford: Oxford University Press.
- Himes, J.H. (ed.) 1991. *Anthropometric Assessment of Nutritional Status*. New York: Wiley-Liss.
- Chrzan Janet and John Brett (2020) *Research methods for anthropological studies of food and nutrition Volumes I - III*. New York & Oxford: Berghahn Books.
- Karlson Bengt 2011. *Unruly Hills: Political Ecology of Northeast India*. New York & Oxford: Berghahn Books,
- Malik, S. L. and D. K. Bhattacharya. 1986. *Aspects of Human Ecology*. New Delhi: Northern Book Centre.
- Marten, G. G. 2001. *Human Ecology*. London: Stylus Publishing.
- Moran, E.F. (ed.) 1990. *The Ecosystem Approach in Anthropology*. Michigan: University Press
- Rosenberg Michael 2022. *The Dynamics of Cultural Evolution: The Central Role of Purposive Behaviors*. In *Studies in Human Ecology and Adaptation*. Switzerland: Springer Nature.

PALAEOANTHROPOLOGY

(1 Credit = 15 contact hours; Total 4 Credits = 60 contact hours; All units are of 1 credit)

Learning Objective:	To introduce the concepts stages of human evolution, principles of evolution, early primate evolution and phylogenetic positions of hominoids, understanding of Hominization process, Palaeodemography and Palaeopathology.
Course Outcome:	Student should be able to gain knowledge about – ▪ stages and phylogenetic positions of human evolution ▪ effect of erect posture and bipedal gait on human skeleton ▪ morbidity and demography of prehistoric populations.

Unit I: *Introduction:* Definition and scope of Palaeoanthropology. Geological Time Scale: Archean, Proterozoic, Paleozoic, Mesozoic, and Cenozoic, Taphonomy and Fossilization. Principles and processes of evolution: Parallelism and Convergence; Irreversibility and Dollo's law; Formation of new species and Reproductive Isolation.

Unit II: *Early Primate Evolution:* Adaptive radiation of Primates, Evolution of Miocene hominoids, *Proconsul*, *Pliopithecus*, *Dryopithecus*. Hominid evolution: Discovery, distribution, anatomical features and phylogenetic position of *Ramapithecus*, Robust and Gracile *Australopithecines*, *Homo habilis* and *Homo erectus*.

Unit III: Early *Homo sapiens*: La Chapelle aux saints, Krapina, Shanidar, Qafzah, *Homo sapiens neanderthalensis*, Denisovan and other fossil hominin. Neanthropic human: Discovery, anatomical features and geographical distribution of Cro-Magnon, Grimaldi and Chancelade. Hominization process: Evolution of hominid, human bipedalism, Anatomical changes in human skeleton due to erect posture and bipedal gait.

Unit IV: *Palaeodemography and Palaeopathology:* Skeletal analysis, determining demographic variables in prehistoric population, Migration, Fertility and Mortality, Post-neolithic population growth, Morbidity in prehistoric population, Tuberculosis, Leprosy, Syphilis and other degenerative diseases in pre-industrial societies.

Suggested Readings:

- Bishop, C. W. 1989. *Evolution of Mankind*. Delhi: Akashdeep Publishing House.
- Buettner-Janusch, J. 1966. *Origins of Man*. New Delhi: Wiley Eastern Pvt. Ltd.
- Cachel, S. 2006. *Primate and Human Evolution*. Cambridge: Cambridge University Press.
- Ciochon, Russell L. 1985. *Primate evolution and human origins*. California: The Benjamin/Cummings Publishing.
- Conroy G. C. 2012. *Reconstructing Human Origins: A Modern Synthesis*. New York: W.W. Norton & Company.
- Crawford, M.H. (ed.). 2006. *Anthropological Genetics*. Cambridge: Cambridge University Press.

- Futuyma, D. J. 1998. *Evolutionary Biology*, Massachusetts: Sinauer Associates Inc.
- Henke, W. and T. Ian (eds). 2007. *Handbook of Palaeoanthropology*. NY: Springer
- Hooton, E. A. 1965. *Up from the Ape*. New York: Macmillan.
- Hoppa, R.D. and Vaupel, J.W. 2000. *Paleodemography*. Cambridge: Cambridge University Press.
- Huerta-Sánchez, E., Jin, X., Bianba, Z., Peter, B.M., Vinckenbosch, N., Liang, Y., Yi, X., He, M., Somel, M., Ni, P. and Wang, B., 2014. Altitude adaptation in Tibetans caused by introgression of Denisovan-like DNA. *Nature*, 512(7513), pp.194-197.
- Jacobs, G.S., Hudjashov, G., Saag, L., Kusuma, P., Darusallam, C.C., Lawson, D.J., Mondal, M., Pagani, L., Ricaut, F.X., Stoneking, M. and Metspalu, M., 2019. Multiple deeply divergent Denisovan ancestries in Papuans. *Cell*, 177(4), pp.1010-1021.
- Lewin R. and R. Foley. 2003. *Principles of Human Evolution*. Oxford: Blackwell Publishing.
- Poirier F. E. 1993. *Understanding Human Evolution*. New Jersey: Prentice Hall
- Relethford J. H. 2001. *Genetics and the Search for Modern Human Origins*. New York: John Wiley & Sons Inc. Publications.
- Smith, F.H. and F. Spencer. 1984. *The Origins and Evolution of Modern Humans*. New York: Allan Liss.
- Strickberger M. W. 2000. *Evolution*, 3rd edition. New York: Jones & Barlett Publishers.
- Tattersall, I. 1995. *Fossil Trail: How We Know, What We Think, We Know About Human Evolution*. New York: Oxford University Press.
- Volpe, P.E. 1989. *Understanding Evolution*. New Delhi: Universal Book Stall.
- Waldron, T. 2008. *Palaeopathology*. Cambridge: Cambridge University Press.