

DEPARTMENT OF ANTHROPOLOGY
B.A/B.Sc SYLLABUS

NEP-2020

| Year | Sem | Major I | | | Major II | | Minor | | Cc/Vc | | Total Credits |
|------|--------------|---|--|--------------|--------------|---------|-------|---------|----------------------|---------|---------------|
| | Anthropology | | | Credits | | Credits | | Credits | | Credits | |
| 1 | I | P1 | Introduction to Socio-cultural Anthropology | 4 | P1 | 4 | P1 | 4 | CC1 | 4 | 24 |
| | I | P2 | Introduction to Biological Anthropology | 4 | P2 | 4 | | | | | |
| 2 | II | P3 | Introduction to Archaeological Anthropology | 4 | P3 | 4 | P2 | 4 | VC1 | 4 | 24 |
| | II | P4 | Anthropometry (Practical) | 4 | P4 | 4 | | | | | |
| | III | P5 | Theoretical Principles in Socio-Cultural Anthropology | 4 | P5 | 4 | P3 | 4 | CC2 | 4 | 24 |
| | III | P6 | Human Genetics and Ethnic Variation | 4 | P6 | 4 | | | | | |
| IV | P7 | Anthropology in Indian Context | 4 | P7 | 4 | P4 | 4 | VC2 | 4 | 24 | |
| IV | P8 | Material Culture and Field Methods (Practical) | 4 | P8 | 4 | | | | | | |
| 3 | V | P9 | Practicing Anthropology | 4 | P9 | 4 | | | Internship | 4 | 24 |
| | V | P10 | Anthropology of Development | 4 | P10 | 4 | | | | | |
| | V | P11x P11y | Medical Anthropology Business Anthropology | 4 | P11x P11y | 4 | | | | | |
| 4 | VI | P12 | Disaster Management | 4 | P12 | 4 | | | Minor Project | 4 | 24 |
| | VI | P13 | Practical in Osteology, Serology, Dermatoglyphics and Microscopy | 4 | P13 | 4 | | | | | |
| | VI | P14x P14y | Human Growth, Development and Nutrition Fashion Anthropology: Theory and Practice | 4 | P14x P14y | 4 | | | | | |
| | VII | P15 | Anthropology of Religion | 4 | P15 | 4 | | | Research methodology | 4 | 24 |
| | VII | P16 | Indigenous Knowledge Systems | 4 | P16 | 4 | | | | | |
| | VII | P17 | Public Health and Epidemiology | 4 | P17 | 4 | | | | | |
| VII | P18x P18y | Forensic Anthropology Peasantry and Agricultural Systems | 4 | P18x P18y | 4 | | | | | | |
| VII | P19x P19y | Sports Anthropology Indian Folk Art | 4 | P19x P19y | 4 | | | | | | |
| VIII | P20 | Dissertation | | P20 | | | | | | 24 | |

Introduction to Socio-Cultural Anthropology
Semester I
Paper I

| | | | |
|--|---|-------------------|-----------------|
| Programme/Class: Certificate/ BA | Year: First | Credits: 4 | Theory:4 |
| <p>Course outcomes:</p> <ul style="list-style-type: none"> ➤ explain how socio-cultural anthropology has developed as a discipline covering the different aspects of human life; ➤ Explore some basic concepts in the analysis of socio-cultural systems. ➤ Gain and in-depth understanding of the social institutions of marriage, family, kinship, ➤ Understand the nature and functioning of religious, political and economic institutions. | | | |
| Unit | Topics | | |
| I | Anthropology and its branches; Meaning and scope of Social-Cultural Anthropology and its relationship with other social sciences (esp: Sociology and History). Basic Concepts: Ethnicity, Diaspora, civil society, social exclusion, Caste and class. Status and Role. | | |
| II | Definition, types and forms of marriage. Marriage payments: Dowry and bride wealth. Rules and regulations (Prohibition, preferential, exogamy, endogamy, levirate and sororate). The natural history and universality of family. Types of family. Joint family system in India. | | |
| III | Kinship terms and usages. Descriptive and classificatory systems, Morgan's and Murdock's view, Avoidance and joking relationship. Patterns of residence and descent. Kin groups- lineage, clan, Phratry, moiety. Meaning and Scope of Economic Anthropology. Distinction between Formalist and Substantivist Approach. Modes of exchange in primitive society. | | |
| IV | Social Order in stateless political systems, State and its formation. Anthropology and the study of law. Theories of origin of religion – Animism, Animatism, Naturism etc. Thoughts on magic, religion and science. Totemism and Taboo | | |
| REFERENCES | | | |
| Text Books | | | |

- Srivastava, A.R.N. (2013) Essentials of Cultural Anthropology, PHI Learning, New Delhi.
- Hasnain, N. (2011) Indian Society and Culture: Continuity and Change. Jawahar Publishers & Distributors, Delhi.
- Hasnain, N. (2019) Indian Society: Themes and Social Issues. McGraw Hill Education India, New Delhi.
- Misra, U.S. Hasnain, N. (2003) Introducing Social-Cultural Anthropology. Jawahar Publishers & Distributors, Delhi. (Also available in Hindi)
- Singh, Nirja (2007) Parichayatmak Manavvigyaan. K.K. Publications, Allahabad.(in Hindi)

Suggested Readings:

- Mair, L.(1965/2006) An Introduction to Social Anthropology. Claredon Press, Michigan.
- C.R., Ember, M.R. & Peregrine P.N. (2010) Anthropology. Pearson, New York. (Also available in Hindi)
- Harris, M. Johnson, O. (1983) Cultural Anthropology. Harper & Row, University of California.
- Kluckhohn, C.(1949) Mirror for Man: The Relation of Anthropology to Modern Life. Whittlesey House, New York.
- Beattie, J. (1964). Other Cultures. Cohen & West Limited, London.
- Lang, G. (1956). Concept of Status and Role in Anthropology: Their Definitions and Use. The American Catholic Sociological Review.17(3): 206-218
- Parsons, T. (1968). The Structure of Social Action. Free Press, New York.
- Rapport, N. and Overing J. (2004). Key Concepts in Social and Cultural Anthropology. Routledge, London.
- Kroeber A. L. (1948). Anthropology. Oxford & IBH Publishing Co., New Delhi.
- Madan T.N. & D.N. Majumdar (1967) Introduction to Social Anthropology. Asia Publishing House, Mumbai. (Also available in Hindi)

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www.egyankosh.ignou.ac.in
www.swayam.gov.in
www.ocw.mit.edu

Introduction to Biological Anthropology
Semester I
Paper II

| | | | |
|--|--|-------------------|-----------------|
| Programme/Class: Certificate/ BA (Major) | Year: First | Credits: 4 | Theory:4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ The learners will come to know the meaning of physical anthropology and its various branches. ➤ Get a basic understanding of the mechanisms of biological evolution, sociobiology of primates and the fossil record of human evolution. ➤ facilitate the understanding of reliable history of the origin and evolution of mankind and its varieties. | | | |
| Unit | Topics | | |
| I | <p>Biological Anthropology: Scope and Branches - New Physical Anthropology, Forensic Anthropology, Paleoanthropology, Human genetics, Paleoanthropology, Kinanthropology</p> <p>Origin of Life and Evidence of Evolution. Theories of Organic Evolution: Lamarckian paradigm and the Mechanism of Evolutionary change. Darwin's theory of Natural Selection and its criticism. Neo-Darwinism and the Synthetic Theory of Evolution. Neutral theory of Molecular Evolution.</p> | | |

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| II | <p>Taxonomy and Classification. The Binomial Nomenclature. Man's place in the Animal Kingdom. The Phylum Chordata and its sub-division. The Vertebrates and their general characteristics. The class Mammalia, general characteristics and classification.</p> <p>The Primates, their evolutionary tendencies and classification. Detailed study of the general characteristics of the following: Tree shrews, Lemurs, Tarsiers, Monkeys, Apes and Man.</p> |
| III | <p>General Characteristics of Primate Skeleton. Their Patterns of Locomotion, Manipulation, Mastication and the Mental Processes.</p> <p>Evolution of Man's posture—Theories concerning the origin of Man's posture. Evolution of Orthograde spine, postural adaptations of shoulders, thorax, abdomen, the viscera, pelvis and the evolution of human foot.</p> |
| IV | <p>Fossil Evidence for the Emergence of man. Fossils and fossilization. Geological time scale and dating methods. Early hominid fossils – Ramapithecus and Australopithecus, Homo habilis.</p> <p>Emergence of Man—Homo Erectus—general characteristics, cultural context and phylogenetic position. Mousterian Man—Homo Neanderthalensis—progressive and conservative controversy—its general characteristics, disappearance, cultural context and its place in Human Phylogeny. Homo Sapiens—Rhodesian man, Cromagnon Race, Chancelade and Grimaldi, Races and Species of Fossils.</p> |
| REFERENCES | |
| Text Books: | |

- Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publications, USA
- Stanford C., Allen J.S. and Anton S.C. (2013). Biological Anthropology. The Natural History of Humankind. Pearson Education Inc. Boston
- Sarkar, R.M. 2000. Fundamentals of Physical Anthropology. Calcutta, Vidyodaya Library Private Limited.
- Montague, A. (2012) An Introduction to Physical Anthropology. Literary Licensing, LLC, Wisconsin.
- Das, B.M (2003) Outlines of Physical Anthropology. Kitab Mahal, Allahabad.
- Shukla, B. R.K. and Rastogi, S. 1999. Physical Anthropology and Human Genetics- An Introduction. Delhi, Palka Prakashan.
- Singh, Udai Pratap (2001) Jaivik Manav Vigyan, Prakashan Kendra, Lucknow.(in Hindi)
- Sharma, A.N. (2009) Shareerik Maanavvigyaan. Abhivyakti Prakashan. Allahabad. (in Hindi)
- अगीही त्री , गीभी. (2016) उगीकासी र शीर ररक मीनीगीज़ीन. सत्यम पब्लिंगशग हीऊस. गदल्ली .

Suggested Reading :

- Boaz, N.T and Almquist, A.J. 1999. Essentials of Biological Anthropology, New Jersey, Prentice Hall.
- Harrison, G.A., Weiner, J.S., Tanner, J.M. and Barnicot, N.A.1964. Human Biology.Oxford University Press
- Harrison, G.A, Weiner, J.S., Tanner, J.M., Barnicot, N.A. and Reynolds,V. 1977. Human Biology, An Introduction to Human Evolution, Variation, Growth and Ecology. Oxford University Press.
- Stein, P. L. and Rowe, B.M. 1974. Physical Anthropology. New York, McGrawHill.
- Buettner-Janusch, J. (1966). Origins of Man: Physical Anthropology. John Wiley & Sons, Inc., New York, London, Sydney.
- 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.
- Swindler D. R. (2009). Introduction to the Primates. Overseas Press India Pvt. Ltd., New Delhi.

Web References :

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www.egyankosh.ignou.ac.in
www.swayam.gov.in
www.ocw.mit.edu

Introduction to Archaeological Anthropology Semester II Paper III

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|---|--|-------------------|-----------------|
| Programme/Class: Certificate / BA (Major) | Year: Second | Credits: 4 | Theory:4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ Students shall get a basic understanding of the nature of the archaeological record and the role of archaeology in understanding cultural development ➤ Get an overview of the changing environments of the Quaternary and its impact on humans ➤ Students shall be familiarized with the basic framework of European and Indian Prehistory | | | |
| Unit | Topics | | |
| I | The meaning and scope of Archaeological Anthropology. Short range and long range methods of dating in Archaeology. | | |
| II | Quaternary Climatic Changes - The Great Ice Age: Glacial and Interglacial; Pluvials and Interpluvials. Alpine and Himalayan glaciations. Eustatic fluctuations. Evidences of climatic fluctuations: River Terraces, Moraines. Causes of Pleistocene Climatic Fluctuations. | | |
| III | The chief subdivisions and cultures of west European Palaeolithic period – chronological, stratigraphic and technological features (including tool types and techniques of manufacture). The main features of European Upper Paleolithic art and its significance. Indian Palaeolithic: Soanian; Acheulean – chronology, distribution, technological features (Attirampakkam, Isampur, Morgaon – stratigraphy and technological features); Middle Palaeolithic in India (Attirampakkam, Didwana). Microlithic Phase in Indian Prehistory (Mehtakheri, Jwalapuram) | | |
| IV | Mesolithic in Northern and Western Europe and corresponding Stone age industries in India with reference to Bagor, (Rajasthan), Langhnaj, (Gujarat), Birbhanpur, Teri Sites. The Chief Features of the Neolithic Revolution. The Neolithic Complex in India. The chief characteristics of the Indus civilization. Megaliths: Definitions, distribution and main characteristics of the Indian Megalithic monuments. Brief introduction of Ganges Valley Civilization/ Copper Hoard culture | | |
| REFERENCES | | | |
| Text Books: | | | |

- Renfrew, Colin and Paul Bahn 1994 Archaeology: Theories, Methods, and Practice. Thames and Hudson, New York.
- Gamble, Clive 2001 Archaeology: The Basics. Routledge, New York.
- Paul Bahn. Archaeology: The Basics. Sarunas Milisauskas (ed.) 2002. European Prehistory: A Survey, 2nd Edition. New York: Kluwer Academic/ Plenum.
- Cunliffe, Barry. An Oxford Illustrated Prehistory of Europe. Oxford: Oxford University Press
- Burkitt, M.C. 1969. Old Stone Age: Study of Palaeolithic Times. Rupa & Co, N.Delhi.
- Chazan, Michael. World Prehistory and Archaeology. Boston: Allyn & Bacon.
- Fagan, Brian M. People of the Earth: An Introduction to World Prehistory. Harper-Collins, NY.
- Sankalia H.D. (1964). Stone Age Tools: Their techniques, names & probable functions. Poona, Deccan College.
- Allchin and Allchin (1993). The Rise of Civilization of India and Pakistan. Cambridge University Press.
- S. Settar & Korisetar (eds). Indian Archaeology in Retrospect, (Manohar Publishers & Distributors, Delhi) Vol. I, Pre-History: Archaeology of South Asia, Vol. II, Proto-History: Archaeology of the Harappan Civilization
- Recent Studies in Indian Archaeology ed., K. Paddayya (Munshiram Manoharlal, Delhi, ICHR Monograph Series - 6),
- Possehl, GL 1993 Harappan Civilization: A recent perspective 2nd revised edition. Delhi: Oxford & IBH and the American Institute of Indian Studies: 595 pp., edited D.K Bhattacharya (1991) Outlines of Indian Prehistory. Palaka Prakashan, N. Delhi. (Also available in Hindi).
- मजमदार, डी . एन. शरण] गी पील (2003) प्ीागगगीहीस. गहदी मीध्यम कारीान्ी्ीावरीागनदशीलरी, ी्ीा गदल्ली .
- चीइल्ड, गी रीनीी (2019) औजार क ा इग ीहीस (अनवीद सशी ल कमीर), दल्ली : गीग प्क ाशन.

Suggested Readings :

- Dennell, R. W.2009. Palaeolithic Settlement of Asia. Cambridge: Cambridge University Press.
- Misra VD, and Pal JN, 2002 editors. Mesolithic India. Allahabad: Department of Ancient History, Culture and Archaeology, University of Allahabad.
- Neumayer, E. 2010. Rock Art of India. Oxford and New Delhi: Oxford University Press.
- Paddayya K. and Sushama G. Deo (Eds.) Recent Advances in Acheulian Culture Studies in India. ISPQS Monograph No.6.
- Paddayya K. and Sushama G. Deo 2017. Prehistory of South Asia (The Lower Palaeolithic or Formative Era of Hunting-Gathering), The Mythic Society, Bengaluru, pp. 152
- Pappu, R. S. 2001. Acheulian culture in peninsular India: an ecological perspective. New Delhi: D.K. Printworld.
- Sankalia, H.D. 1974. The Prehistory and Protohistory of India and Pakistan. Pune: Deccan College Postgraduate and Research Institute.
- Champion et al. (1984). Prehistoric Europe. New York, Academic Press
- Gamble, C. 1986. The Palaeolithic Settlement of Europe. Cambridge: Cambridge University Press.
- Bordes, F. 1968. The Old Stone Age. London: Weidenfeld and Nicolson
- Kennedy, KAR (2000) God-Apes and Fossil Men: Paleoanthropology in South Asia. Ann Arbor: University of Michigan Press.
- Misra, V.N. (1964). Indian Prehistory: 1964. Deccan College. Pune

Web References :

<http://www.pbs.org/wgbh/nova/vinson/ice.html>
<http://www.ncdc.noaa.gov/paleo/glaciation.html>
<http://www.johnhawks.net/weblog/>
https://www.youtube.com/channel/UCZ9jWH_8tJ-Nmaj8dSQdEYA
<https://sheilamishra.wordpress.com/>
<http://www.sharmaheritage.com/>
<http://www.harappa.com/>
<http://asi.nic.in/>
<http://ignca.nic.in/>
<http://indianmuseumkolkata.org/>
<http://nationalmuseumindia.gov.in/>
<http://anthsi.gov.in/>

**Anthropometry
Semester II
Paper IV**

| | | | |
|--|--|-------------------|--------------------|
| Programme/Class: Certificate/ BA (Major) | Year: Second | Credits: 4 | Practical:4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ This module will provide an understanding of human evolution and population variation. ➤ This will focus on the practical training in the applied areas of health sciences. | | | |
| Unit | Topics | | |
| I | Introduction to Anthropometry, scope and applications. | | |

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| II | SOMATOMETRY (on 3 subjects) Maximum head length, Maximum head breadth, Minimum frontal breadth, Bizygomatic breadth, Bigonial breadth, Morphological total facial height, Morphological Superior facial height, Physiognomic total facial height, Physiognomic superior facial height, Nasal length, Nasal breadth, Head circumference, Ear length, Ear breadth. Height vertex, Height tragon, Height acromian, Height dactylion, Sitting height vertex, Body weight |
| III | CRANIOMETRY (on 3 crania and 3 mandibles) Description of Normas: Norma Frontalis, Norma Verticalis, Norma Lateralis, Norma Basialis. Introduction to bones of the skull. Maximum cranial length, Maximum cranial breadth, Maximum frontal breadth, Minimum frontal breadth, Bregma- Basion height, Bi-zygomatic breadth, Superior facial height, Nasal Length, Nasal breadth, Bi-orbital breadth, MEASUREMENTS ON MANDIBLE: Bicondylar breadth, Bigonial breadth, |
| IV | INDICES: SOMATOMETRY: Cephalic Index, Facial Index, Nasal Index. INDICES: CRANIOMETRY: Cranial index, facial index, nasal index. SOMATOSCOPY (on 3 subjects) Head form, Hair form, Facial form, Eye form , Nose , Hair colour, Eye colour, Skin colour |
| REFERENCES | |
| Text Books: | |
| <ul style="list-style-type: none"> ● Rastogi, S and Shukla, B.R.K. (2003) Laboratory Manual of Physical Anthropology. Bharat Book Centre, Lucknow. ● रस्ती , सधिया. शकली, ब . आर .की .(2019) प्िीीारीिी् क शिीार ररक मिीाननि ग िीज्िीीान . भीररी बक सटर, लखनऊ. ● Singh I. P. and Bhasin M.K. (1989). Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Chawri Bazar, Delhi ● Weiner, J.S. & Lourie, J.A. (1969) Human Biology: A Guide to Field Methods. I.B P Hand Book No. 9. Blackwell Scientific Publication, Oxford. ● Wilder, H.H. (1921) Methods and Principles: A Laboratory Manual of Anthropometry. P. Blakiston's Son & Co. Philadelphia. ● मत्रिीा, ममिीीीाश्र . चिी ब, आर. (2004) प्िीीारीिी् क मिीाननिग िीज्िीीान (शिीार ररक) भीी -2, मध्यद्दश हदी ग्रन्थ अकीदम , भ पिीाल. ● अग िीही त्रिी , ग िीभीीा. (2016) प्रीीी् िीीीात्मक शिीारी ररक मिीाननिग िीज्िीीान. सत्यम पब्ली श हीीऊस. दल्ली | |
| Suggested Readings : | |
| <ul style="list-style-type: none"> ● Comas, T. (1960) Manual of Physical Anthropology. Charles C. Thomas, Springfield. ● Montagu, M.F. (1960) A Hand Book of Anthropometry. Charles. C. Thomas, Illinois. | |
| Web References : | |

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<https://swayam.gov.in/>

Theoretical Principles in Socio-Cultural Anthropology
Semester III
Paper V

| | | | |
|--|---------------------|-------------------|-----------------|
| Programme/Class: Degree/ BA (Major) | Year: Second | Credits: 4 | Theory:4 |
|--|---------------------|-------------------|-----------------|

Course outcomes:

- The paper will focus on the starting point of the theories and their criticisms.
- To provide the foundation for the anthropological thoughts.
- Provide Speculations on evolution and spread of culture and its relative aspects in the present era.

| Unit | Topics |
|------|---|
| I | Concept & definition of Culture. Characteristics of Culture. Components of Culture: Culture Trait, Culture Complex, Culture Pattern. Define & distinguish: Material & Non-material Culture, Ethnocentrism & Cultural Relativism. Etic and Emic Perspectives |
| II | Cultural Evolutionism: Classical (Tylor & Morgan) and Neo-Classical (White & Steward). Diffusionism: German-Austrian School (Kulturkreise, Fern- Interpretation, Criteria of Form & Quantity), The British School (Pan Egyptian School) and American School (Culture Area Approach). |
| III | Malinowski: Concept of Functionalism & Theory of Need. Radcliffe Brown: Concept of Social Structure & Structural Functionalism. Levi-Strauss: Social Structure |
| IV | Culture and Personality School: Contribution of Ruth Benedict. Basic & Modal Personality. National Character (Margaret Mead). |

REFERENCES**Text Books:**

- Barnard A. (2000). History and Theory in Anthropology. Cambridge: Cambridge University.
- McGee R.J. and Warms R.L. (1996) Anthropological Theories: An Introductory History. .
- Upadhyay, V.S & Gaya Pandey. 1993. History of Anthropological Thought. New Delhi: Concept Publishing Company.
- U.S Misra : Nratatva Chintan (in Hindi)
- Gaya Pandey : Manav Shastriya Sidhdhant : Shastriya evam Adhunik
- अग्नीही त्री , गीभी (2017) मीनिशीस्त्र र् एि समाजशीस्त्र र् अनसधीन. सत्यम पब्लिगशग हीऊस.

Suggested Readings :

- Harris, Marvin. 1968. The Rise of Anthropological Theory, A History of Theories of Culture. London: Routledge and Kegan Paul.
- Moore M. and Sanders T. (2006). Anthropology in Theory: Issues in Epistemology, Malden, MA: Blackwell Publishing
- Applebaum H.A. (1987) Perspectives in Cultural Anthropology. Albany: State University of New York.
- Sarana, Gopala (2008) Explorations in Method and Theory in Anthropology. Rawat Publications. Jaipur.

Web References :

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Human Genetics and Ethnic Variation
Semester III

Paper VI

| | | | |
|---|--|-------------------|-----------------|
| Programme/Class: Diploma/ BA (Major) | Year: Second | Credits: 4 | Theory:4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ To understand about the subject of human genetics, its origin and growth. ➤ Explain how the traits are inherited from parents to offspring. ➤ Understand ethnic diversity and human variation | | | |
| Unit | Topics | | |
| I | Human Genetics :Its Definition, Scope, and Anthropological perspective. The Animal cell: Cell Division – Mitosis, Meiosis and Biological variation. Process of Gametogenesis. | | |
| II | Mendel’s Laws of Inheritance, Mendelism and its application to Man-some examples. Mechanism of Inheritance, Chromosomes and Associated Syndromes. Modes of Inheritance: Autosomal dominant and autosomal recessive. Genetics of Sex – Sex Determination, Sex Ratio, Sex Linkage – X and Y linkage, Sex limited and Sex Influenced Inheritance | | |
| III | Multifactorial or Polygenic Inheritance- some examples. Dermatoglyphics of finger and palm. The Multiple Alleles and the ABO blood groups. The MNS and the RH blood groups and ErythroblastosisFoetalis. Heredity-Environment Interaction. The Twin Method and the types of Twins and their importance in the Genetic Investigation. Genetic Counseling, Paternity Determination on the basis of Immunological, serological and Morphological Traits. | | |
| IV | Human Variation. Concept of Race/ethnic group. Genetic basis of Race. UNESCO statement of Race- Ethnic Groups.Racial classification of human population, World’s major Races – The Caucasoid, the Negroid and the Mongoloid division, their general characteristicsand geographical distribution. Ethnic Elements in Indian subcontinent. | | |
| REFERENCES | | | |
| Text Books: | | | |

- Stanford C.; Allen J.S. and Anton S.C. (2012). Biological Anthropology: The Natural History of Mankind. PHI Learning Private Limited, New Delhi.
- Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA
- Ashley-Montagu, M.E. (1961) An Introduction to Physical Anthropology. Illinois: Charles C. Thomas. Harrison, G.A.; J. M. Tanner; D.R. Pilbeam; and P.T. Baker (1988) Human Biology. Oxford : Oxford Univ. Press.
- Laskar, G.W. (1976) Physical Anthropology. Holt, Rinehart and Wiston.
- Das, B.M (2003) Outlines of Physical Anthropology. KitabMahal, Allahabad.
- Shukla, B.R.K. Rastogi, S.(2012) Physical Anthropology & Human Genetics - An Introduction PalakaPrakashan, N.Delhi (Also available in Hindi)
- Lewis R. (2009). Human Genetics: Concepts and Application. The McGraw–Hill Companies,Inc.
- Molnar, S. 1992. Human Variation: Races, Types, and Ethnic Groups. New Jersey: PrenticeHall, Inc.
- Singh, U.P. (2003) AnuvanshikManvVigyan, NRBC, Lucknow (in Hindi)
- Sharma, A.N. (2009) ShareerikMaanavvigyaaan. AbhivyaktiPrakashan. Allahabad. (in Hindi)
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Suggested Readings :

- Statement on Race: Annotated Elaboration and Exposition of the Four Statements on Race (1972). Issued by UNESCO. Oxford University Press.
- Patch C. (2005). Applied Genetics in Healthcare. Taylor & Francis Group
- Giblett, ER. (1969). Genetic Markers in Human Blood. Blackwell Scietific, Oxford.
- Cummings MR (2011). Human Heredity: Principles and Issues. Brooks/Cole, Cengage Learning
- Jobling M, Hurls M and Tyler-Smith C. (2004). Human Evolutionary Genetics: Origins, Peoples & Disease. New York: Garland Science.
- Strachan T and Read AP. (2004). Human Molecular Genetics. Garland Science
- Brown TA. (2007). Genomes. Garland Science.
- Griffiths AJF, Wessler SR, Carroll SB, Doebley J. (2011). An Introduction to Genetic Analysis. Macmillan Higher Education.
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**Anthropology in Indian Context
Semester IV
Paper VII**

| | | | |
|---|---|-------------------|-----------------|
| Programme/Class: Diploma/ BA (Major) | Year: Second | Credits: 4 | Theory:4 |
| Course outcomes: <ul style="list-style-type: none">➤ The students will learn about the origin and growth of Indian anthropology and about the various approaches to understanding Indian society and culture.➤ They will learn about the castes and tribes in India.➤ They will also learn about the contribution of Indian anthropologists to the evolution of Indian anthropology. | | | |
| Unit | Topics | | |
| I | The origin and growth of India Anthropology. Approaches to the study of Indiansociety, culture and civilization: Indological, Anthropological and Historical. Thebasic concepts used: Great Tradition and Little Tradition, Sacred Complex, Universalization and Parochialization, Tribe-Caste continuum, Sanskritization, Westernization, Dominant Caste. | | |
| II | Ethnographic profiles of Indian tribes: Racial, linguistic and socio-economiccharacteristics. The different approaches to tribal problems. Problems of tribal people, landalienation, bonded labour, indebtedness, shifting cultivation, forest and tribals, Unemployment health, education. Tribal revolts. Special problems of hunting, foodgathering and other minor tribes. | | |

| | |
|-----|--|
| III | The problems of culture-contact: Impact of urbanization and industrialization, depopulation, displacement, ethno-political movements. History of tribal administration. The constitutional safeguards for the Scheduled Tribes. Policies, plans and programmes of tribal development and their implementation. The response of the tribal people to the governmental measures for them. The role of Anthropology in tribal development |
| IV | The Constitutional provisions regarding the Schedules Castes. Social disabilities suffered by the Schedules Castes and the socio-economic problems faced by them. Status of Other Backwards Classes (OBCs), and Religious Minorities. |

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Text Books:

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- Hasnain, Nadeem. 1988. Readings in Indian Anthropology. New Delhi: Harnam Publications.
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Suggested Readings :

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Material Culture and Field Methods Semester IV Paper VIII

| | | | |
|---|---------------------|-------------------|--------------------|
| Programme/Class: Diploma/ BA (Major) | Year: Second | Credits: 4 | Practical:4 |
|---|---------------------|-------------------|--------------------|

Course outcomes:

- It will give an idea about the advancement in human evolution.
- It will help them to learn the justification and usage of specific tools in research methodology.

| Unit | Topics |
|-------------|---|
| I | Introduction to material and Non Material Culture. Technology: Identification and technological description of primitive implements used by food-gathering populations. |
| II | Identification and technological description of primitive hunting, fishing and food gathering implements. |
| III | Introduction to Field methods in Anthropology. Genealogical method: construction of seven genealogies. |
| IV | Construction of Interview schedules. Project report based on empirical investigation under the supervision of a teacher. |

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Suggested Readings :

- Royal Anthropological Institute of Great Britain and Ireland (1971). Methods: In Notes and Queries on Anthropology. London: Routledge & Kegan Paul Ltd.
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Practicing Anthropology
Semester V
Paper IX

| | | | |
|---|--|-------------------|-----------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory:4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ The students will learn about applied anthropology and the various fields in which anthropological knowledge can be applied. ➤ They will learn about application of anthropological knowledge in the field of development, health, education, etc. ➤ They will also learn about application of anthropological knowledge for the welfare and development of vulnerable groups of people. | | | |
| Unit | Topics | | |
| I | Applied Anthropology and Action Anthropology- Meaning, scope, nature. Historical development of applied anthropology (world and India). Academics and Practitioners. | | |
| II | Anthropology and Public Policy; Need Assessment and Community Development; Anthropology of NGO's; Management Anthropology; Environment and Community Health; Social and economic sustainability; Cultural resource management | | |
| III | Trends in Anthropology: Anthropology of Tourism; Anthropology in Census; Anthropology in Designing and Fashion; Visual Anthropology | | |
| IV | Planning and Development of Indian Populations; Human Rights, Interrelationships of rights and duties: Protection and enforcement of human rights and duties; National and State Human Rights Commission and other grievance redressal mechanism; Human rights of special category and marginal groups | | |
| REFERENCES | | | |
| Text Books: | | | |
| <ul style="list-style-type: none"> ● Ervic, Alexander M., (2000). Applied Anthropology: Tools and Perspectives for Contemporary Practise, Boston, MA: Allyn and Bacon. ● Erwin A. (2004). Applied Anthropology Tools and Practice, Allyn and Bacon | | | |
| Suggested Readings : | | | |
| <ul style="list-style-type: none"> ● Goodale M. (2009). Human Rights: An Anthropological Reader. Wiley Blackwell. ● Arya A and Kapoor AK. (2012). Gender and Health Management in Afro-Indians. Global Vision Publishing House, New Delhi. ● Basu, A. and P. Aaby (1998). The Methods and the Uses of Anthropological Demography. 329 pp. Oxford, Clarendon Press ● Carter A. (1998). Cultural Models and Demographic Behavior. In The Methods and the Uses of Anthropological Demography edited by Basu A and Aaby P. Oxford: Clarendon Press. ● Census of India (2001, 2011) and National Family Health Survey (2006, 2010). | | | |
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**Anthropology of Development
Semester V
Paper X**

| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory:4 |
|---|--|-------------------|-----------------|
| Course outcomes: <ul style="list-style-type: none"> ➤ The concept of development; anthropological insights on development; ➤ The contribution of anthropology to development, and its limitations; ➤ Recent trends on development efforts in India. | | | |
| Unit | Topics | | |
| I | Meaning and scope of development anthropology. Development : Meaning and evolution of the concept. Sustainable development. Approaches and strategies of development in India. Adverse impact of development in India (Displacement and migration) | | |
| II | Poverty and development. Social justice and equity. Poverty alleviation programmes and special programmes in India. Human resource development (HRD). | | |
| III | Planning: concept, policy, and process. Social exclusion and inclusive development with special reference to India. Agencies for development: Government and non-governmental, People's participation | | |
| IV | Rural development : Land reforms, community development programme (CDP), Panchayati Raj, Tribal Development. Under-development, Social Capital. Socio-cultural factors in Development with case studies. | | |
| REFERENCES | | | |
| Text Books: | | | |
| <ul style="list-style-type: none"> ● Arce, Alberto and N. Long. (1999). Anthropology, Development and Modernities. London: Routledge. ● Bardhan, P. (1995). Development and Change. Delhi: . ● Cochrane, G. (1971). Development Anthropology. Delhi: KitabMahal. ● Desai, A.R. (1984). India's Path to Development. Bombay: Popular Prakashan. ● Dreze, J and A. Sen. (1996). Indian Development. New Delhi: ● Dube, S.C. (1990). Tradition and Development. New Delhi: Vikas. ● Hobart, M. (1993). An Anthropological Critique of Development: The Growth of Ignorance. London: Routledge. ● Mair, L. (1984). Anthropology and Development. London: Macmillan. ● Malhotra, R. (1992). Anthropology of Development. New Delhi: Mittal. ● Mathur, H.M. (1977). Anthropology in Development Process. New Delhi: Vikas. ● Mathur, H.M. (1990). Human Dimension of Development: Perspective from Anthropology. New Delhi: Concept Publishing Company. ● Mayer, R. (1985). Policy and Programme Planning. New Jersey: Prentice-hall. . | | | |
| Suggested Readings : | | | |

- Pathy, J. (1987). Anthropology of Development. Delhi: Gian Publishing House.
- Pitt-David, C. (ed.) (1976). Development from Below: Anthropologists and Development Situation. Chicago: The Hague: Mouton.
- Sardan, Jean-Pierre Olivier de. (2005). Anthropology and Development: Understanding Contemporary Social Change. London: Zed Books.
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Medical Anthropology
Semester V
Paper XI a

| | | | |
|--|---|-------------------|-----------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory:4 |
| Course outcomes: <ul style="list-style-type: none"> ➤ The students should be able to link the biological aspect of the health and disease with the social and cultural factors and how they impact issues of mental health, reproductive health, communicable and non-communicable diseases. ➤ They should also be able to critically understand the National Health Policy and the health care programmes of different states of India | | | |
| Unit | Topics | | |
| I | Definition, aim, scope and subject matter of medical anthropology. Historical development of medical anthropology. Basic concepts: Illness, sickness, disease, Theoretical perspectives in medical anthropology – medical systems as social, cultural and ecological systems. | | |
| II | Application of anthropological knowledge in promoting healthcare in tribal and rural communities. Ethno medicine, medical pluralism, Traditional systems of medicine – classical system, alternative system. | | |
| III | Genes and disease : Diagnosis and treatment . Social biology, human history and disease ecology. Social implications of human genetics: Genetic hazards of radiation. | | |
| IV | Legal applications of genetic principles: Eugenics, Physique and its relation to Function, Disease and Behaviour. Classification of physique (somatotyping), Physique and behaviour, physique and disease, Concept of healing. | | |
| REFERENCES | | | |
| Text Books: | | | |

- Brown, Peter.J., and SveaClosser. 2016. Understanding and Applying Medical Anthropology. Routledge.
- G.M. Foster and B.G Anderson. 1978. Medical Anthropology. McGraw- Hill Companies.
- Helman, Cecil. 2007. Culture, Health and Illness.5th edition. Oxford: Butterworth-Heinemann
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Business Anthropology
Semester V
Paper XI b

| | | | |
|--|---|-------------------|-----------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory:4 |
| <p>Course outcomes:</p> <ul style="list-style-type: none"> ➤ Will Enlighten students on the basic concepts of consumer behaviour. ➤ How anthropological knowledge is useful in organizations. ➤ It will develop an understanding on international trade and the impacts on Indian society. | | | |
| Unit | Topics | | |
| I | Introduction-History and Growth of Business and Corporate Anthropology : Industrial Anthropology and Human Relations School(1930-1960); The Ethics questions(1960-1980),The rebirth of Business Anthropology, 1980 and Beyond. Basic concepts: Group, Role and Status, organisation, Corporate, organisational culture, Business and Business Management and behaviour Network. | | |
| II | Anthropology and consumer behaviour: Basic concepts- customer, consumer, market anthropological theory and practice in marketing and consumer behaviour. | | |
| III | Doing Anthropology in Organisational contexts: Applied anthropology in industry, Complex Health care organisations, Health Economy, Libraries, Hospital management, NGO's etc. Advancing ethnography in corporate environments: Challenges and opportunities | | |
| IV | Globalization, international trade and anthropology- Understanding the process of globalisation, information technology, communication networks and international trade. | | |
| REFERENCES | | | |
| Text Books: | | | |

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Suggested Readings :

- Hoffer, Lee D. 2006. Junkie business: the evolution and operation of a heroin dealing network. Australia: Thomson/Wadsworth.
- Jordan, Ann T. 2003. Business Anthropology. Waveland Press, Long Grove, Illinois. 2003.
- Melissa Cefkin, 2010. (ed) Ethnography and the corporate encounter: Reflections on Reserach and of Corporations.
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Disaster Management
Semester VI
Paper XII

| | | | |
|---|--|-------------------|-----------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory:4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ This will familiarize the learners with the meaning and classification of disasters, importance of preparedness. ➤ Will give knowledge of prevention and mitigation; major steps in disaster response; ➤ relationship between disasters and development; relevance of indigenous knowledge, and disaster management strategies. | | | |
| Unit | Topics | | |
| I | Disaster, definition and classification- natural and man-made (floods, famines, earthquakes, epidemics, fire, chemical and nuclear leaks, wars, ethnic conflicts/violence),. Hazard, Risk and Vulnerability. Disaster Profile of India | | |
| II | Anthropological perspectives on disasters- cultural perception of disasters in different communities, belief system, folklore, proverbs,stories, etc., on disasters, indigenous ideas and methods of precautions and preparedness. Case studies: floods and erosion in Assam | | |
| III | Disaster Management Cycle –preparedness, prevention and mitigation.Disaster Relief and Response. Damage Assessment. Rehabilitation, Reconstruction and Recovery. Inter-relationship between Disasters and Climate Change. | | |
| IV | Disaster Management: Act, Policy and Institutional Framework. Disaster Management: Cross-Cutting Issues. Relevance of Indigenous Knowledge. Community Based Disaster Management. Disaster Management Strategies. Disaster Management: Case Studies with specific reference to India. | | |
| REFERENCES | | | |
| Text Books: | | | |

| |
|---|
| <ul style="list-style-type: none"> • Fernandes, Walter and EnakshiGanguli (Eds). Development, Displacement and Rehabilitation Gangopadhyay, T., and K.A.Mankodi,Rehabilitation : The Ecological and Economic Costs • Hoffman, Susanne, M., and Anthony Oliver Smith, 2001, Catastrophe and Culture-The Anthropology of Disaster, School of American Research Press, Santa Fe, New Mexico. • Keller, Stephen,L.,Uprooting and Social Change, Manohar Book Service, New Delhi. |
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| <ul style="list-style-type: none"> • Patnaik, S.M., 1996, Displacement, Rehabilitation and Social Change, Inter India Publications,New Delhi. • Narayan, S., 2000, Anthropology of Disaster Management. Gyan Publishing House, New Delhi. |
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Practical in Osteology, Serology, Dermatoglyphics and Microscopy
Semester VI
Paper XIII

| | | | |
|---|--|-------------------|---------------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Practical: 4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ The concepts and practical applications related to Serology, Dermatoglyphics and Forensic Anthropology. ➤ Practical study of serology and dermatoglyphics is helpful in tracing the blue-print of mankind. | | | |
| Unit | Topics | | |
| I | Human osteology : Meaning and scope. Identification, sketching and labelling of the bones of the lower and upper limbs. | | |
| II | ABO blood group typing on at least 05 individual | | |
| III | Dermatoglyphic study of 05 cases of finger balls and palm prints. Indices - Pattern intensity index, Fuhata's index, Dankmiejjer's index. Main line index, Main line formula, Total finger ridge count and Absolute finger ridge count | | |
| IV | Microscopic Examination of Human Cell | | |
| REFERENCES | | | |
| Text Books: | | | |

- Cummins, H., & Midlo, C. (1961). Finger prints, palms and soles: An introduction to dermatoglyphics (Vol. 319). New York: Dover Publications.
- Jain, A. K., Flynn, P., & Ross, A. A. (2007). Handbook of biometrics. Springer Science & Business Media.
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- Berry, J., & Stoney, D. A. (2001). The history and development of fingerprinting. Advances in fingerprint Technology, 2, 13-52.
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- Sachdeva, M.P. and Arora, V.K. (1999). Identification of ABO blood group specific substances from human epidermal cells. The Anthropologist, 1(2), 139
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Human Growth, Development and Nutrition
Semester VI
Paper XIV a

| | | | |
|--|--|-------------------|------------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory: 4 |
| Course outcomes: <ul style="list-style-type: none"> ➤ Understand basic concepts and applications of Nutrition, growth and development. ➤ To understand the tools of research in human growth and nutrition. ➤ analyse the physical changes that occur throughout the lifespan of an individual; ➤ identify and debate on the bio-cultural factors and environmental stresses that affect patterns of human growth based on knowledge of balanced diet and malnutrition. | | | |
| Unit | Topics | | |
| I | Nutritional Anthropology: meaning, scope, applications | | |

| | |
|---|---|
| II | <p>Definition and Scope of Growth and Development: Methods of studying Growth: Longitudinal, Semi-Longitudinal and Cross Sectional Methods, their relative merits and demerits.</p> <p>Growth status: Somatometry (stature, body weight, mid upper arm circumference etc), assessment of chronological age, percentile, z-score, height for age, weight for age, BMI for age.</p> |
| III | Nutritional requirements for Normal Growth, Common Nutritional Disorders and their Manifestations. |
| IV | <p>Food and Nutrition: food habits and culture. Dietary patterns. Balanced diet.</p> <p>Nutritional assessment on a community (Report of 1000 words)</p> |
| REFERENCES | |
| Text Books: | |
| <ul style="list-style-type: none"> ● Bogin B. (1999) Patterns of human growth. Cambridge University Press. ● Frisancho R. (1993) Human Adaptation and Accommodation. University of Michigan Press. ● Cameron N and Bogin B. (2012) Human Growth and Development. Second edition, Academic press Elsevier. ● Singh, U.P. (2011) Human Growth and Development. NRBC, Lucknow. ● Singh, U.P. (1996) The Oraons of Ranchi: A Study of their Finger and Palm Prints. AIHSD, Lucknow ● रस्तीग, सधौ. शक्ली, ब. आर.की. (2019) प्रीरीगगकशीरररकमीनीगीज्ञीन. भारीबकसटर, लखनऊ. ● Singh I. P. and Bhasin M.K. (1989). Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla- Raj Enterprises, Chawri Bazar, Delhi. ● Patra, P.K. and Gautam, Rajesh (2016) Human Growth and Nutrition: A Bio-cultural Synthesis. Kalpaz Publications. Delhi. ● गमत्री, गमीीाश्र. चीब, आर. (2004) प्रीरीगगकमीनीगीज्ञीन (शीरररक) भाग-2, मध्यप्रदशगहदीग्रन्थअकादमी, भपील. ● अगीहीत्री, गीभी. (2016) प्ररीगीात्मकशीरररकमीनीगीज्ञीन. सत्यमपब्लिगशगहीऊस. गदल्ली | |
| Suggested Readings : | |
| <ul style="list-style-type: none"> ● Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics. ● McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance. ● Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalyan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context. ● Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi. ● Rastogi, S and Shukla, B.R.K. (2003) Laboratory Manual of Physical Anthropology. Bharat Book Centre, Lucknow. | |
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**Fashion Anthropology: Theory and Practice
Semester VI
Paper XIV b**

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|--|--------------------|-------------------|------------------|
| Programme/Class: Degree/ BA (Major) | Year: Third | Credits: 4 | Theory: 4 |
|--|--------------------|-------------------|------------------|

Course outcomes:

- Students once equipped with the knowledge of fashion anthropology can identify and value the cultural attributes of fashion in communities that go unrecognised for their creative potentials and bring them to forefront.
- Students trained in fashion anthropology can intelligently design and create clothing, art for as per needs of body, gender, religion, lifestyle, identity etc. and can contribute to understanding consumer behaviour in the field of fashion.
- The students can seek experience in fashion anthropology that they can use in helping fashion designers in even global fashion circuits that seek ethnic inspirations.

| Unit | Topics |
|-------------|---|
| I | Introduction: Fashion, Consumption, and Anthropology: From Evolution to Compassionate Consumption, the Rise and Fall of Evolution in Dress. Theoretical and Ethnographic Approaches to Understanding Fashion and Consumer Society. |
| II | Colonialism, Dress, and Identity, Colonialism, Consumption, and Civilizing Fashion. Anti- Clothing Debates; regional case studies. |
| III | Race and Fashion: The 1980s "Japanese Invasion" and 1990s "Asian Chic" Alternative Approaches to Consumerism. |
| IV | Gender, Fashion and Consumption in different Human societies, application of fashion in traditional and modern societies, role of religion in fashion. Globalization and Dress, leather cosmetic relationships, relationship of tribal clans with reference to embroidery colour and designs in ethnic group of India. |

REFERENCES**Text Books:**

- Boas F. (1955). Primitive Art. New York: Dover
- Brown T. (2009). Change by Design: How Design Thinking Transforms Organizations and Inspires Innovation. New York: Harper Collins
- Clarke AJ. (2010). Design Anthropology: Object Culture in the 21st Century. New York: Springer
- Buchli V. (2013). An Anthropology of Architecture. London: Bloomsbury

Suggested Readings :

- Banham R. (1967). *Theory and Design in the First Machine Age*. New York: Praeger
- Barthes R. (1990). *The Fashion System*. Berkeley: Univ. Calif. Press
- Bucciarelli LL. (1988). An ethnographic perspective on engineering design. *Des. Stud.* 9(3):159–68
- Button G. (2000). The ethnographic tradition and design. *Des. Stud.* 21(4):319–32
- Crouch C. (1999). *Modernism in Art, Design, and Architecture*. New York: St. Martin's Press
- Dorst K. (2011). The core of “design thinking” and its application. *Des. Stud.* 32(6):521–32
- Douglas M, Isherwood B. (1996). *The World of Goods*. New York: Routledge. 2nd ed.
- Drazin A. (2013). The social life of concepts in design anthropology. See Gunn et al. 2013,
- Wendy Gunn, Ton Otto, Rachel Charlotte Smith (eds). (2013). *Design Anthropology: Theory and Practice*. Routledge

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Anthropology of Religion
Semester VII
Paper XV

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|--|---|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| <p>Course outcomes:</p> <ul style="list-style-type: none"> ➤ Understand the concept of religion & belief systems within the concept of culture. ➤ Understand the role of myth & ritual in cultures. ➤ Understand the role of religious specialists, witchcraft, revitalization movements, and religious syncretism | | | |
| Unit | Topics | | |
| I | Definition and essence of religion, approaches to the study of religion, | | |
| II | Anthropological theories of religion with respect to classical evolutionary ,functional and interpretive approaches; animism, animatism, naturism, totemism, concept of sacred and profane, symbol. | | |
| III | Anthropological study of religion. Myth and ritual, rites de passage. Symbolism and taboo. Religious specialists - Shamans, priests, and prophets. Religion and drugs. Religion and healing | | |
| IV | Witchcraft, superstitions, and sorcery, Faith healing practices. Exorcism and demons. Magic and divination. Ghosts, vampires, and zombies. The ancestors and souls. Traditional vs. modern religions and salvation from damnation. The occult | | |
| REFERENCES | | | |
| Text Books: | | | |
| <ul style="list-style-type: none"> ● Stein, Rebecca L. and Philip L Stein. The Anthropology of Religion, Magic, and Witchcraft. Third Edition. Boston MA, Pearson Education. 2011. ● Eller, D.Jack. Introducing Anthropology of Religion:Linking Culture to the Ultimate (Routledge,2007).New York. ● Lessa, William. A. and Evon Z. Vogt (1979). Reader in Comparative Religion: An Anthropological Approach.U.K.: Harper and Row Publisher. | | | |
| Suggested Readings : | | | |
| <ul style="list-style-type: none"> ● Durkheim E. (1986). The elementary forms of the religious life:A study in religious sociology. New York:Macmillan. ● Evans-Pritchard, E. E. (1937). Witchcraft, Oracles and Magic among the Azande.Oxford: Clarendon Press. | | | |
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**Indigenous Knowledge System
Semester VII
Paper XVI**

| | | | |
|---|--|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| Course outcomes: <ul style="list-style-type: none"> ➤ Understand the concept of Indigenous Knowledge Systems and the relationship with culture ➤ The role of Indigenous Knowledge System in development ➤ Understand the traditional healing practices and Intellectual property Rights | | | |
| Unit | Topics | | |
| I | Nature and Culture Relations. Culture as an adaptive mechanism, Space and Habitat. Nature, Culture gender and livelihood relation. Theories and Methods: (Ecology and Culture). Indigenous Knowledge and wisdom | | |
| II | Biodiversity, sustainable development and disaster management. Biodiversity, conservation and culture, international and national policy on biodiversity and local communities. Indigenous knowledge for development, traditional knowledge and its role in the global economy and poverty reduction. Indigenous Knowledge and Climate change challenges ahead. Indigenous knowledge and disaster risk reduction. | | |
| III | Indigenous Health and Healing. Indigenous and traditional concept of health and well being, disease and Illness and cure. Traditional medicine practitioner Shamanism and faith Healing, Altered states of consciousness (ASC). | | |
| IV | Indigenous Knowledge and Intellectual Property Rights. Traditional knowledge, IPR and Benefit sharing, Indigenous knowledge and its appropriation. IPR & Traditional Medicine, Life form patenting (technical and ethical issues). Indigenous knowledge and International Organizations and Treaties (Pre- TRIPS era): Paris Convention, Berne Convention, Rome Convention, IPIC Treaty, and Budapest Treaty, CBD, UPOV Convention. WIPO, GATT, FAO, UNCTAD. | | |
| REFERENCES | | | |
| Text Books: | | | |

- Baird, Ian G. (2009) Peoples Livelihoods and Developments in the Xekong River Basin Laos, whitelotous Bangkok
- Dove, Michael R. and Carol Carpenter (eds.) (2007)Environmental Anthropology: A Historical Reader. Blackwell, Boston.
- Schutkowski H. (2006)Human Ecology: Bio cultural adaptation, Springer
- Santasonbat Y, (2010), Biodiversity Local Knowledge And Sustainable Development, Chiang Mai University
- What is indigenous Knowledge? Voices from the academy (1999) Ladislaus Semali, Joe. L. Kincheloe Falmer Press.
- Indigenous Knowledges in global contexts: multiple readings of our world Budd L. Hall, George Jerry Sefa Dei, Dorothy Golding Rosenberg University of Toronto Press,
- Working with indigenous knowledge: A guide for researchers Louise Grenier, (2000). International Development Research Centre (Canada) IDRC, 1988- Business & Economics
- Catherine Alum Odora Hoppers (2007) Indigenous knowledge and the integration of knowledge in international articulation New Africa Books.

Suggested Readings :

- Dzodzi Tsikata and Pamela Golah (Ed) (2010) Land Tanure Gender And Globalization: Research And Analysis From Africa Asia And Latin America Zubaan New Delhi
- Agrawal, Bina. Gender and Green Revolution, (2010) OUP New Delhi
- Singh Gyan (2003) ed al Ethno medicine of North- East India Proceedings of National seminar published by National Institute of Science Communication And Information Resources, New Delhi,
- Munasighe, Mohan, et al (2008) Climate change. The Encyclopedia of Earth (Cutler J. Cleveland, ed.) Environmental Information Coalition, National Council for Science and the Environment, Washington, D.C. [http://www.eoearth.org/article/Climate change](http://www.eoearth.org/article/Climate%20change).
- Global Humanitarian Forum (2009) The Anatomy of a Silent Crisis.
- Read Introduction by Kofi Anan, and Skim the rest. The Economist (2010) The clouds of unknowing the Economist, 94(8674; March 20).
- Parmesan, Camille, and Gary Yohe (2003) A globally coherent fingerprint of climate change impacts across natural systems Nature, 421(6917; Jan 2): 37-42
- Karlosson, B G, (1997), Contested belongings, Lund Monographs in social anthropology, Lund University.

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Public Health and Epidemiology
Semester VII
Paper XVII

| | | | |
|---|--|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ Students will come to know about the importance of public health and the determinants of health. ➤ Effects of biological, chemical and physical agents on health. ➤ Social Issues in public health. ➤ Monitoring procedures and practices. | | | |
| Unit | Topics | | |
| I | Overview of epidemiology methods used in research studies to address disease patterns in community and clinic-based populations, distribution and determinants of health-related states or events in specific populations, and strategies to control health problems | | |
| II | Effects of biological, chemical, and physical agents in environment on health (water, air, food and land resources); ecological model of population health; current legal framework, policies, and practices associated with environmental health and intended to improve public health | | |
| III | Psychological, Behavioural, and Social Issues in Public Health Cultural, social, behavioural, psychological and economic factors that influence health and illness; behavioural science theory and methods to understanding and resolving public health problems; assess knowledge, attitudes, behaviours towards disease and patient compliance to treatment. | | |
| IV | Techniques and procedures for monitoring achievement of a program's objectives, generating evidence of program effectiveness, assessing impacts in public health settings; evaluate framework that leads to evidence-based decision-making in public health. | | |

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| REFERENCES |
| Text Books: |
| <ul style="list-style-type: none"> ● Aschengrau A and Seage GR. (2008). Essentials of Epidemiology in Public Health. Boston, Massachusetts. ● Edberg M. (2013). Essentials of Health Behavior. Social and Behavioral Theory in Public Health. Second Edition, Jones and Bartlett Publishers. ● Gordis L. (2004). Epidemiology. Third edition. Philadelphia: Elsevier Saunders. |
| Suggested Readings : |
| <ul style="list-style-type: none"> ● Griffith JR and White KR. (2010). The Well-Managed Healthcare Organization. Health Administration Press: Chicago, ● IL.Kovner AR, McAlearney AS, Neuhauser D. (2013). Health Services Management: Cases, Readings, and Commentary. 10th Ed. Chicago, IL: Health Administration Press. |
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**Forensic Anthropology
Semester VII
Paper XVIII a**

| | | | |
|---|--|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ The students will learn about forensic anthropology and its growing importance. ➤ They will learn about forensic odontology. ➤ They will also learn about identification of the individuals on the basis of tooth, skeleton, finger prints, blood, etc. ➤ From the practical component they will learn about identification on the basis of various biological materials like bones, finger prints, blood stains, hair, semen, urine, saliva, etc. | | | |
| Unit | Topics | | |
| I | Definition, aim & Scope of Forensic Anthropology and its relationship with other biological & chemical Sciences | | |
| II | Definition of crime, Theories on Crimes, Crime Investigation: Location, Evaluation, Evidence Collection, Protection of Evidence, Photographs, Sketching and Search. | | |
| III | Assessment of time & cause of death; Establishment of complete or partial identity from decomposed or mutilated bodies; Study of fragmentary or burnt bones; Reconstruction of Face, Stature, and human dentition | | |
| IV | Skeletal biology and its importance in forensic anthropology; Study of Human Skeleton; Comparison between Human and Non-human Skeletal remains; Age Changes; Sex Differences; Differences among Ethnic Groups; Microscopic and gross anatomy of human bones; | | |
| REFERENCES | | | |
| Text Books: | | | |

- Black, Sue and Eilidh Ferguson. (2011). Forensic Anthropology: 2000 to 2010. Taylor & Francis.
- Byers, Steven N. (2007). Introduction to Forensic Anthropology. 3rd Edition.
- Chaurasia, B.D. (1983). Handbook of General Anatomy. Delhi: CBS.
- Cummins and C. Midlo. (1961). Finger Prints, Palms and Soles. New York: Dover Publication Inc.
- Dwight, T. (1978). The Identification of the Human Skeleton. Boston: Massachusetts Medical Society.
- El-Najjar, M.Y. and K.R. McWilliams. (1978). Forensic Anthropology. Illinois: Charles C. Thomas.

Suggested Readings :

- 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.
- Krogman, W.M. (1962). The Human Skeleton in Forensic Medicine. Illinois: Charles C. Thomas.
- Nath, S. (1996). An Introduction to Forensic Anthropology. New Delhi: Gian Publications.
- Reddy, B.M., Roy, S.B. and B.N. Sarkar (eds). (1991). Dermatoglyphics Today. Kolkata: IIBRD Publisher.
- Singh, I.P. and M.K. Bhasin. (1989). Anthropometry. New Delhi: Kamala-Raj Enterprises.
- Steward, T.D. (1979). Essentials of Forensic Anthropology. Illinois: Charles C. Thomas.
- Ubelaker, D.H. (1989). Human Skeletal Remains: Excavation, Analysis, Interpretation. 22nd Edition. Washington DC: Taraxacum.

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Peasantry and Agricultural Systems
Semester VII
Paper XVIII b

| | | | |
|---|---|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ Understand the concept of peasants. ➤ Understand peasantry and their characteristics in Indian village; and ➤ Analyze and assess the contemporary issues of peasants. | | | |
| Unit | Topics | | |
| I | Transformation of the primitive world, peasantry as a consequence of civilization. Concept of peasantry. Peasantway of life (peasant ethos, attitude and world view), Approaches to the Study of Peasants | | |
| II | Peasant society and culture (economic, cultural, and rural aspects), Post-peasant conditions. | | |
| III | Major Ethno-political Movements and peasant rebellion with special reference to India. | | |
| IV | Contemporary Issues: Market Economy, Agrarian Crises and Migration; Development: Impact, Response and Consequences | | |
| REFERENCES | | | |
| Text Books: | | | |
| <ul style="list-style-type: none"> ● Mencher, J (ed.) (1984) : Social Anthropology of Peasantry, Humanities Pr ● Redfield, R (1956) Peasant Society and Social Change, Cambridge University Press | | | |

Suggested Readings :

- Shanin, Theodar (1987) : Peasant and Peasant Society, Blackwell Publishers, USA
- Wolf, E (1966) Peasants, Prentice-Hall

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Sports Anthropology
Semester VII
Paper XIX a

| | | | |
|--|--|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ be acquainted with the fundamental concepts of sports and nutritional anthropology ➤ Acquire basic understanding of nutritional, genetic and environmental components affecting physical performance and sports and the application of anthropological knowledge. ➤ learn human variability in the context of ethnicity, food preference and potential physical performance. | | | |
| Unit | Topics | | |
| I | <p>Sports: its relation to anthropology. Meaning, scope, History and development of sports anthropology. Its relevance to Indian context. Traditional sports and games in India. Gender specific sports and games.</p> <p>Physical fitness in sports. Components of physical fitness</p> | | |
| II | <p>Human physique and body composition and its role in sports participation. Physique in different sports and games. Human biological variability: Racial variations in physical structure and participation in sports. Genetic constitution, physical fitness and sports performance. Energy and sports activities, food stuffs. Use of drugs (doping) in sports.</p> | | |

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| III | Physical conditioning and training-techniques. Physiological and environmental effects on physical performance: effect of heatstress, cold stress and high altitude on physiological response and performance. |
| IV | <p>Body composition and Athletes. Sports selection and monitoring, Talent identification, factors affecting athlete performance. Genetic and environmental factors of body composition and performance</p> <p>Importance of nutrition in sports.</p> |
| REFERENCES | |
| Text Books: | |
| <ul style="list-style-type: none"> ● Forbes, GB, (1987), Human Body Composition, Springer-Verlag, New York ● Lohman, TG, (1992), Advances in Body Composition Assessment, Human Genetics, Champaign Sheldon, WH, Stevens, SS and Tucker, WB (1940), Varieties of human Physique, Harper Grow, New York ● Sodhi, HS, (1991), Sports Anthropometry, Anova Publishers, Mohali ● Weiner, JS and Laurie, JA, (1969), Human Biology-A Guide to Field Methods | |
| Suggested Readings : | |
| <ul style="list-style-type: none"> ● Brughart, R. (1990). The Cultural Context of Diet, Disease and the Body. In Diet and Disease in Traditional and Developing Societies. GA Harrison and JC Waterlow, (eds.) P. 307-325. Cambridge University Press. Cambridge ● Khanna, K., Gupta, S., Passi, S.J., Seth, R. and Puri, R.M. (2016). Textbook of Nutrition and Dietetics. (2nd Eds.), Elite Publishing House, New Delhi ● Stinson, S. (1992). Nutritional Adaptation. Annual Review of Anthropology, 21:143-170 ● Quandt, S.A. (1987). Methods for Determining Dietary Intake. In Nutritional Anthropology. FE Johnston, ed. Pp. 67-84. Liss. NY. ● Ulijasek, S.J. and Strickland, S.S. (1993). Introduction. In Nutritional Anthropology: Prospects and Perspectives. Pp. 1-5. Smith Gordon. London. | |
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**Indian Folk Art
Semester VII
Paper XIX b**

| | | | |
|---|---|-------------------|------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 4 | Theory: 4 |
| Course outcomes: | | | |
| <ul style="list-style-type: none"> ➤ Will discover something more about the tribal aesthetics which form part and parcel of their daily life, nay their world view. ➤ It will also serve as an impetus and challenge to others to undertake more scholarly research into this important theme of aesthetics | | | |
| Unit | Topics | | |
| I | Introduction: Characteristics and Functions of tribal aesthetics. Beauty and Art (a Philosophical outlook) | | |
| II | Tribal Art Forms: i) plastic arts seen in drawing, painting, sculpture, ii) cloth weaving and embroidery, iii) oral literature, including drama and poetry, iv) music, v) dance, vi) architecture, vii) decorations with flowers, cloth, materials taken from nature. | | |

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| III | Music and Song: Musical Instruments, Dance :Functions of Dance, Festivals: Important Tribal Festivals and their relevance |
| IV | Embroidery, Painting and Drawing and its relevance in anthropological studies |
| REFERENCES | |
| Text Books: | |
| <ul style="list-style-type: none"> ● AIACHE. Tribal Culture and Identity in Chotanagpur: Challenge before Higher Education, New Delhi, 1986. ● Archer, W.G. The Blue Grove: The Poetry of the Oraons. London: George Allen & Unwin, 1940. Babiracki, Carol Marie. Musical and Cultural Interaction in Tribal India: The Karam Repertory of the Mundas of Chotanagpur. Illinois: Urbana, 1991. (unpublished thesis). ● Choudhury, N.C. Munda Social Structure. Calcutta: Firma KLM, 1977. ● De Sa, F. Crisis in Chotanagpur. Bangalore: A Redemptorist Publication, 1975. ● Exem, A.Van. The Religious System of the Munda Tribe. Ranchi: Catholic Press, 1983. ● Fuchs, S. The Aboriginal Tribes of India. New Delhi: MacMillan Press, 1974. ● Lull, James. Ed. Popular Music and Communication. London: Sage Publications 1993. ● Ponette, P. Ed. The Munda World: Hoffmann Commemoration Volume. Ranchi: Catholic Press, 1978. Roy, S.C. Oraon Religion and Customs. Calcutta: Editions Indian, 1973. ● Roy, S.C. The Mundas and their Country. New York: Asia Publishing House, 1970. ● Roy, S.C. The Oraons of Chotanagpur. Ranchi: Man in India Office, 1984. | |
| Suggested Readings : | |
| <ul style="list-style-type: none"> ● Sachchidananda. Profiles of Tribal Culture in Bihar. Calcutta: Sara Press, 1965. ● Sachchidananda. The Changing Munda. New Delhi: Concept Publishing, 1979. ● Singh, S.K. Tribal Situation in India. Shimla: Indian Institute of Advanced Study, 1973. ● Sinha, B.B. Society in Tribal India. Delhi: BR Publishing, 1983. ● Thomas, M. M. & W. Taylor. Tribal Awakening. Bangalore: The Christian Institute for Study of Religion and Society, 1983. ● Vidyarthi, L.P. & VS Upadhyay. The Kharia: Then and Now. New Delhi: 1980. | |
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**Dissertation
Semester VIII
Paper XX**

| | | | |
|--|---------------------|--------------------|---------------------|
| Programme/Class: Research Degree/ BA (Major) | Year: Fourth | Credits: 24 | Dissertation |
| Course outcomes: <ul style="list-style-type: none">➤ Applications of anthropological theories and research methods in the actual field.➤ This would help students to be aware of national tribal and rural scenario where fieldwork will be conducted.➤ This would inculcate cultural relativism among students.➤ Learn to prepare Dissertation. | | | |
| Unit | Topics | | |

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|---|--|
| I | <ul style="list-style-type: none"> ✓ Students are required to visit for Anthropological Fieldwork in any tribal or rural area as decided by Department. ✓ Fieldwork duration shall be of 7 days and maximum 30 days stay at location with the population to be studied. ✓ Students shall submit day-wise activity report to the Teacher in-charge of the Fieldwork. ✓ Teacher in-charge shall coordinate with Institutes/Colleges/ Universities/Research institutes etc in location where fieldwork is being planned for academic interaction. ✓ One teacher with one non-teaching staff shall accompany the students during fieldwork. |
| REFERENCES | |
| Text Books: | |
| <ul style="list-style-type: none"> ● Bernard, H.R.(2006) Research Methods in Anthropology, Qualitative and Quantitative Approaches. Jaipur: Rawat Publications ● Srivastava, V.K. (2005) Methodology and Fieldwork. OUP, India. ● Sahay, Vijoy S. (2020) Experiencing Anthropology in the Nicobar Archipelago. Routledge India. ● O'reilly, K.(2005) Ethnographic Methods. London and New York: Routledge. | |
| Suggested Readings : | |
| <ul style="list-style-type: none"> ● Patnaik, S.M.(2011) Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua.Jaipur: Rawat Publications. ● Pelto, P.J. and Pelto, G.H.(1978) Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. ● Sarantakos, S. (1998) Social Research. London: Macmillan Press. ● Gautam, Rajesh (2011) Baigas: The Hunter Gatherers of Central India. Readworthy Publications. Delhi. | |
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