

Urgent

(Both by post and by e- mail)

No. 7309 / Acd.-I

Dated: 29/09/16

To

The Principals,

(All the Affiliated Colleges under Sambalpur University having
Three Year Degree Courses excluding Autonomous Colleges.)

Sub: Syllabus & Implementation of CBCS pattern Arts/Science/Commerce (Pass and
Hons.) from the Academic Session 2016-17.

Ref :- This office letter No 5314/ Acd.-I dated 21.7.16 and letter No. 5970/Acd.-I dated 8.8.16.

Sir,

In continuation to the letters and the subject cited above, I am directed to intimate you that the Vice- Chancellor has been pleased to approve the syllabus for Courses / papers related to *Anthropology* for CBCS + 3 courses degree B.A. and B.Sc.. (Both Pass & Hons.) examinations under 6 (15) of O.U. Act -1989 giving it effect from the Academic Session, 2016-17. The detail Courses of Studies is enclosed herewith for your reference and necessary action.

This may kindly be noted that it is the final syllabus for *Anthropology* subject/ papers under CBCS pattern. It may be made available to teachers and students concerned. Further you are requested to ensure teaching of the courses in your colleges accordingly.

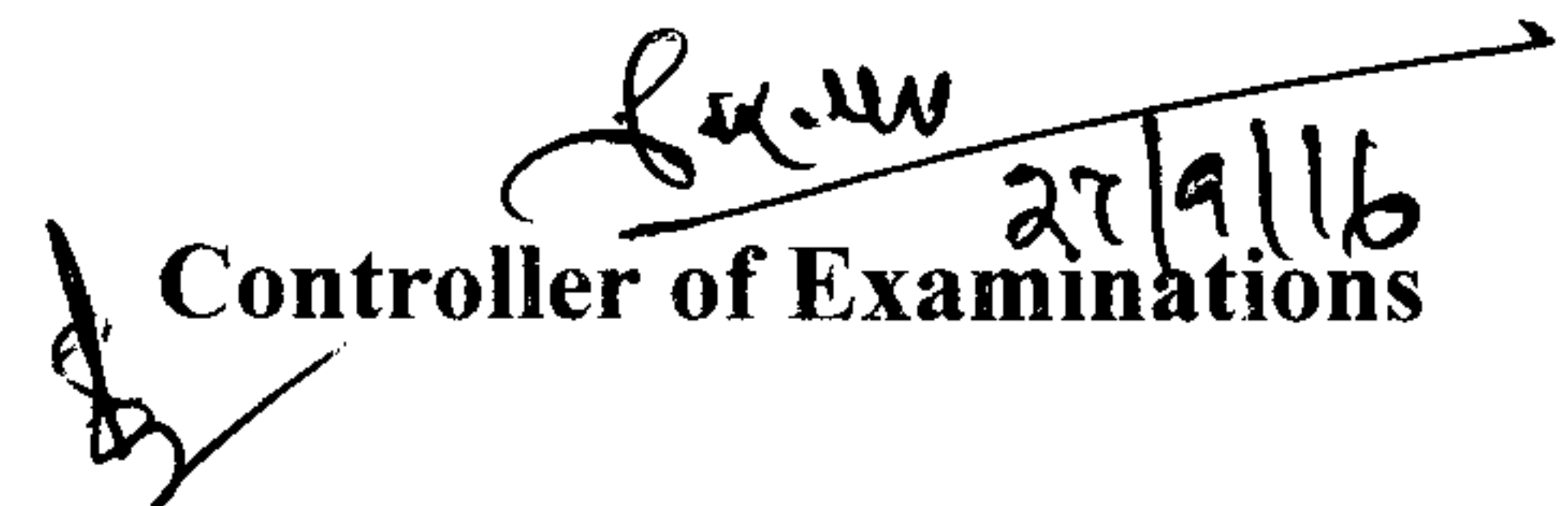
Any error and omission etc. may kindly be intimated to this office.

. Any queries on the matter may be made through e-mail: coesuniv@gmail.com.

Thanking you,

Yours faithfully,

Encl:- As above


Controller of Examinations

P.T.O.

Memo No. 7310 /Acad.-I(BOS), dtd. 29/09/16

Copy forwarded with enclosure for information and necessary action to:

1. The Chairman, Post Graduate Council, Sambalpur University.
2. The H.O.D. , P.G. Department of Anthropology , Sambalpur University.
3. The Director, College Development Council, Sambalpur University.
4. The Director, Directorate of Distance and Continuing Education, Sambalpur University.
5. The Co-ordinator, Private Examination Cell, Sambalpur University.
6. Asst. Registrar (Examination), Sambalpur University.
7. Programmer, University Computer Unit, Sambalpur University.
8. Asst. Controller of Examinations, Sambalpur University.
9. Section Officer / Assistant –in- Charge, **e – Governance Cell**, Sambalpur University with request to provide all the materials in the official web- site accordingly. (**as + 3 cbcs- syllabus –Anthropology –Final**)
10. Section Officers, Computer Unit, E.G.-I , EG-II , E.C.- I , EC-II,EC- IV Sections.
11. Five spare Copies for Academic-I Sections with enclosure.

P.K.W
29/9/16
Controller of Examinations

Memo No. 7311 /Acad.-I(BOS), dtd. 29/09/16

Copy forwarded without enclosure for information and necessary action to:

1. **The Dy. Director, e – Governance Cell**, Sambalpur University with request for needful to provide all the materials in the official web- site accordingly .
2. P.A. to the Vice- Chancellor, Sambalpur University.
3. P.A. to the Registrar, Sambalpur University.
4. P.A. to the Controller of Examinations, Sambalpur University.

P.K.W
29/9/16
Controller of Examinations

PASS COURSES AT A GLANCE

SUBJECT: ANTHROPOLOGY

DISCIPLINE SPECIFIC CORE- 4 PAPERS

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
DSC-P-ANT-1	1 st	Introduction to Biological Anthropology	4	2
DSC-P-ANT-2	2 nd	Introduction to Socio-Cultural Anthropology	4	2
DSC-P-ANT-3	3 rd	Archaeological Anthropology	4	2
DSC-P-ANT-4	4 th	Research Methods	4	2

DISCIPLINE SPECIFIC ELECTIVE- 4 PAPERS

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
DSE-P-ANT-1		Tribal Cultures of India	4	2
DSE-P-ANT-2		Anthropology of Religion, Politics and Economy	4	2
DSE-P-ANT-3		Anthropology of Health	4	2
DSE-P-ANT-4		Dissertation	4	2

GENERIC ELECTIVE- 2 PAPERS

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
GE-ANT-1	5 th	Biological Anthropology	4	2
GE-ANT-2	6 th	Socio-cultural Anthropology	4	2

SKILL ENHANCEMENT COURSES-LIST-A (Any 1 Paper)

Number	Title of the Course	Credit	
		Theory	Practical/ Tutorial
SEC-ANT-1	Demographic Anthropology	2	
SEC-ANT-2	Museology	2	

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DISCIPLINE SPECIFIC CORE PAPRES

DSC-P-ANT-1: Introduction to Biological Anthropology

Theory

Credit- 4

Unit I: Meaning and definition of Physical Anthropology, Its history and development, aim, scope and relationship with allied disciplines, Different branches of Physical Anthropology.

Unit II: Understanding human variation and evolution: Theories of evolution: Lamarckism, Darwinism, Synthetic theory, Mutation theory.

Unit III: Primates: General Characteristics, Distribution and Classification, Significance of non-human primate study in Biological Anthropology, Non human living primates- features and distribution; Comparative account of Man and ape

Unit IV: Human Genetics: Development and Its relation with other subjects, structure of Cell, chromosomes, DNA and RNA, Cell division-mitosis and meiosis

Unit V: Great divisions of humanity: Concept of Race, Racial classifications –Broad divisions of Mankind ,Classification by Hooton, Risley and Guha, UNESCO Statement on Race.

Practical

Credit-2

Students should take measurement on five individuals

Somatometry

- | | |
|--------------------------------|---------------------------------------|
| 1. Maximum head length | 9. Physiognomic facial height |
| 2. Maximum head breadth | 10. Morphological facial height |
| 3. Minimum frontal breadth | 11. Physiognomic upper facial height |
| 4. Maximum bizygomatic breadth | 12. Morphological upper facial height |
| 5. Bigonial breadth | 13. Head circumference |
| 6. Nasal height | 14. Stature |
| 7. Nasal length | 15. Sitting height |
| 8. Nasal breadth | 16. Body weight |

Somatoscopy

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

Suggested Readings

1. Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA
2. Kroeber A. L. (1948). Anthropology. Oxford & IBH Publishing Co., New Delhi.
3. Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.
4. Statement on Race: Annotated Elaboration and Exposition of the Four Statements on Race (1972). Issued by UNESCO. Oxford University Press.
5. Das, B.M.: Outline of Physical Anthropology

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DSC-P-ANT-2: Introduction to Socio-Cultural Anthropology Theory

Credit- 4

Unit I:

Anthropological perspective and orientation; Scope and relevance of Social Anthropology; Relationship of Social Anthropology with other disciplines.

Unit II:

Culture: Concept, definition, nature, characteristics and paradoxes of culture;
Culture change: innovation, diffusion, acculturation, assimilation, attenuation and integration

Unit III:

Family: Types, features and function;
Concept and definition of marriage, types of marriage, marriage rules, ways of accruing mates, marriage payments, bride-price/wealth, dowry, divorce, couvades, alliance theory

Unit IV:

Concept and definition of kinship; Types of kin, types of kin group; kin terms; descent and filiations; ritual/fictive, kinship behaviour, incest taboo.

Unit V:

Ethnographic approach, contribution of Malinowski, Boas and other pioneers; cultural relativism, ethnocentrism, etic and emic perspectives, comparative and historical methods.

Practical

Credit- 2

Methods and Techniques of Social Anthropology: The practical will include the following techniques and methods in collection of data in Social Anthropology.

1. Observation
2. Interview
3. Questionnaire and Schedule
4. Case study
5. Life history

Suggested Readings:

1. Beattie J. (1964). *Other Cultures*. London: Cohen & West Limited.
2. Bernard H.R. (1940). *Research Methods in Cultural Anthropology*. Newbury Park: Sage Publications.
3. Davis K. (1981). *Human Society*. New Delhi: Surjeet Publications.
4. Delaney C. (2004). 'Orientation and disorientation' In *Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
5. Ember C. R. et al. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
6. Ferraro G. and Andreatta S. (2008). In *Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
7. Karen O'reilly. (2012). 'Practical Issues in Interviewing' *Ethnographic Methods*.

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- Abingdon: Routledge
8. Lang G. (1956). 'Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*.17(3): 206-218
 9. O'reilly K. (2012). *Ethnographic Methods*. Abingdon: Routledge.
 10. Parsons T. (1968). *The Structure of Social Action*. New York: Free Press
 11. Rapport N. and Overing J. (2004). *Key Concepts in Social and Cultural Anthropology*. London: Routledge.
 12. Royal Anthropological Institute of Great Britain and Ireland (1971). '*Methods' In Notes and Queries on Anthropology*. London: Routledge & Kegan Paul Ltd.
 13. Roy, I.B. (2013). *Anthropology: The Study of Man*. New Delhi: S. Chand & Company Pvt. Ltd.

DSC-P-ANT-3: Archaeological Anthropology Theory

Credit- 4

Unit I: Introduction

- Definition and scope of archaeological anthropology
- Relation with other disciplines
- Methods of studying archaeological anthropology

Unit II: Methods of Estimation of Time and Reconstruction of the Past

- Absolute dating methods
- Relative dating methods
- Methods of climatic reconstruction: palynology, paleontology.

Unit III: Geochronology of Pleistocene Epoch

- Glacial and Interglacial
- Pluviation and Inter Pluviation
- Different types of geoclimatic events

Unit IV: Understanding Culture

- Technique of tool manufacture and estimation of their relative efficiency
- Classification of tools: primary and combination fabrication techniques
- Typology and cultural nomenclature

Unit V: Pleistocene Chronology of Europe: Paleolithic Culture, Mesolithic Culture and Neolithic Culture

Practical

Credit- 2

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

1. Core Tool Types
2. Flake Tool Types
3. Blade Tool Types

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4. Microlithic Tool Type
5. Neolithic Tool Type

Suggested Readings

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

DSC-P-ANT-4: Research Methods

Theory

Credit- 4

Unit I: Social Research: Definition and meaning of Social Research, its aim and objective, Relevance of social research, Types of Social Research: quantitative and qualitative

Unit II: Research Design and Report Writing

Meaning and types of research design-Exploratory, Explanatory and experimental, Review of literature, conceptual framework, formulation of research problem, formulation of hypothesis, sampling, techniques of data collection, data analysis- Manual and software, Research Reporting/report writing- Chapterization, preparing a text for submission and publication, concepts of preface, notes (end and footnotes), glossary, prologue and epilogue, appendix, bibliography (annotated) and references cited, review and index.

Unit III: Tools and techniques of data collection

Techniques of rapport establishment, identification of representative categories of informants, maintenance of field diary and logbook, Observation - Direct, Indirect, Participant, Non-participant, Interview - Structured and unstructured, Focused Group Discussion, Case Study and life history, Genealogy - Technique and application

Unit IV: Ethics and Politics of Research

Definition and identification of Ethical issues in the context of human subject research. Ethical importance of consent, privacy and confidentiality in research, Reasons for conducting ethical review of research, Issues of academic fraud and plagiarism, conflicts of interest, authorship and publication.

Unit V: Statistics

Types of variables, presentation and summarization of data (tabulation and illustration), Descriptive statistics- Measurers of Central Tendency, Measure of

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Variation, Skewness and Kurtosis, Variance and standard deviation, Normal and binomial distribution, Tests of Inference- Student's 't' tests, Chi-square test and measures of association

Practical

Credit- 2

1. Construction of Genealogy.
2. Preparation of Questionnaire and Schedule, Interview- Unstructured, Structured, Key informant interview, Focused Group Discussion, and Free listing, pile sorting
3. Student should take one Case study on selected topic
4. Project report writing- preparation of research problem, study design, data collection techniques, analysis and report writing based on somatometric, dermatoglyphic and serological data or social problem.

Suggested Readings

1. Garrard E and Dawson A. What is the role of the research ethics committee? Paternalism, inducements, and harm in research ethics. Journal of Medical Ethics 2005; 31: 419-23.
2. Bernard H.R. Research Methods in Anthropology, Qualitative and Quantitative Approaches. Jaipur: Rawat Publications. 2006.
3. Madrigal L. Statistics for Anthropology. Cambridge: Cambridge University Press. 2012.
4. Zar JH. Biostatistical Analysis. Prentice Hall. 2010.
5. Michael A. The Professional Stranger. Emerald Publishing. 1996.
6. Bernard R. Research Methods in Anthropology: Qualitative and Quantitative Approaches. AltaMira Press. 2011.
7. Emerson RM, Fretz RI and Shaw L. Writing Ethnographic Field notes. Chicago, University of Chicago Press. 1995.
8. Lawrence NW. Social Research Methods, Qualitative and Quantitative Approaches. Boston: Allyn and Bacon. 2000.
9. O'reilly K. Ethnographic Methods. London and New York: Routledge. 2005.
10. Patnaik S.M. Culture, Identity and Development: An Account of Team Ethnography among the Bhil of Jhabua. Jaipur: Rawat Publications. 2011.
11. Pelto PJ and Pelto GH. Anthropological Research, The Structure of Inquiry. Cambridge: Cambridge University Press. 1978.
12. Sarantakos S. Social Research. London: Macmillan Press. 1998.

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DISCIPLINE SPECIFIC ELECTIVE- 4 PAPERS

DSE-P-ANT-1: Tribal cultures of India

Theory

Credit-4

Unit I: Concept of tribes and its problematic nature, General and specific characteristics of tribes, Tribes in India: Antiquity, historical, academic, administrative and anthropological importance; Denotified tribes.

Unit II: Tribes: Nomenclature- emic and etic differences, Classification of tribes based on their economy, occupation and religion, Racial elements among the tribes, Scheduled and non-scheduled categories of tribes.

Unit III: Tribal movements, Tribal monographs, Problems of tribal development

Unit IV: Forest policies and tribes, Migration and occupational shift, Tribal arts and Aesthetics

Unit V: Developmental projects- Tribal displacements and rehabilitation problem, Globalization among Indian tribes.

Practical

- Distribution of Indian Tribes: PTG, ST
- Location of different tribes on the map of India
- Write an annotated bibliography on any one tribe
- Write the social structure of any one tribe of India

Suggested Readings:

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

DSE-P-ANT-2: Anthropology of Religion, Politics and Economy

Theory

Credit-4

Unit I:

Anthropological approaches to understand religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics; Overview of Anthropological Theories of Religion;

Unit II:

Economic institutions: principles of production, distribution, and consumption in simple and complex societies; various forms of exchange: barter, trade and market; Forms of currencies; reciprocities: generalized, balanced and negative.

Unit III:

Political institutions: concepts of power and authority; types of authority; state and Stateless societies; law and justice in simple and complex societies;



Unit IV: Prospects for democracy and tolerance among and within the world's diverse civilizations; the meaning and sources of identity in complex contemporary societies; the origins of modern politics, its institutions, and cultures, both Western and non-Western

Unit V:

Interrelationship between religion, politics and economy; religious conversion and movements, emergence of new religious sects in the global order.

Practical

Credit-2

1. Case study of any of the social institution (religion, economic, political) with respect to culture perspective.
2. Consumption pattern of any household.

Suggested Readings:

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

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DSE-P-ANT-3: Anthropology of Health Theory

Credit-4

Unit-1: Introduction to health Anthropology and its unique place in the discipline of Anthropology, Gender perspective in health and health seeking behavior, cross-cultural perspective on health, illness and sick role models.

Unit - 2: Measuring Health: Morbidity, Mortality, Epidemiology: Meaning, scope and methods. Epidemiology of common communicable diseases: Malaria, Tuberculosis, Leprosy, Diabetes, Cardiovascular disease and Sexually Transmitted Diseases (STDs), HIV/AIDS,

Unit - 3: Women and child Health: Reproductive life, women health during pregnancy and post delivery, Early maternal and child care, Family planning adoption: socio-cultural constraints- male dominance, accessibility, family issue, health; Population variation and its relation to health and disease.

Unit - 4: Chronic Disease, Injury, Stress, and Mental Health: Effect of Chronic Disease in Health, Relationship between mental health, chronic disease, and injury, Mental Disorders and Related Phenomena, diseases associated with specific socio-cultural and environmental contexts: Kuru, osteomalacia, sickle cell anemia. Developmental and Cultural Adaptations to adverse Conditions.

Unit - 5: Health Care Systems: Health promotion and health care delivery programmes. Family welfare programmes. Child health and nutrition programmes. Reproductive health awareness. Healing and Healers in Cross-Cultural Perspectives: Shamanism, Magic, Witchcraft and Sorcery, types of healers and healing, Problems in evaluating efficacy, Sources of dissatisfaction with mainstream medicine.

Practical

Credit-2

1. Make a Schedule on Health aspect of people.
2. Calculation of Infant Sex ratio, Fertility rate, Total fertility rate, Mortality rate, Birth rate, crude birth rate, crude death rate, Mortality rate, life expectancy, immigration rate, population growth rate.
3. Identification and Characteristics of three chronic diseases.

Suggested Readings

1. Rajesh Khanna and A.K. Kapoor. 2007. Ethnic Groups and Health Dimensions. Discovery Publishing House, New Delhi.
2. Chin, James, M.D., M.P.H. (ed.) 2000. Control of Communicable Diseases Manual. 17th Edition. American Public Health Association. *Anyone interested in field work in less developed areas should own this book for reference.*
3. Helman, Cecil G. 2001. Culture, Health, and Illness. 4th ed. London: Arnold. *This book is written for health care practitioners and clearly explains the relevance of culture to health.*
4. Mann, Jonathon M., et al. (eds.) 1999. Health and Human Rights. New York: Routledge.
5. Albrecht, Gary L., Ray Fitzparick, and Susan C. Scrimshaw (eds.) 2000. The Handbook of Social Studies in Health and Medicine, SAGE Publications.

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6. Bannerman, Robert, J. Burton, and Ch'en Wen-Chieh (eds.) 1983. Traditional Medicine and Health Care Coverage. Geneva: World Health Organization.
7. Chen, Lincoln C. Arthur Kleinman, and Norma C. Ware 1994. Health and Social Change in International Perspective. Harvard University Press.
8. Coreil, Jeannine and J. Dennis Mull (eds.) 1990. Anthropology and Primary Health Care, Boulder: Westview Press.
9. Hahn, Robert A. 1999. Anthropology in Public Health. Bridging Differences in Culture and Society. New York: Oxford University Press.
- Helman, Cecil G. 1994. Culture, Health, and Illness. 3rd ed. Oxford: Butterworth-Heinemann.
10. Inhorn, Marcia C. and Peter J. Brown 1997. The Anthropology of Infectious Disease. International health Perspectives. Gordon and Breach Publishers.
11. Koop, C. Everett, Clarence E. Pearson, and M. Roy Schwartz (eds.) 2001. Critical Issues in Global Health. San Francisco: Jossey-Bass. A Wiley Company.
12. Mayer, Kenneth H. and H.F. Pizer (eds.) 2000. The Emergence of AIDS. The Impact on Immunology, Microbiology, and Public Health. Washington, D.C.: American Public Health Association.
13. Nichter, Mark and Mimi Nichter 1996. Anthropology and International Health. Asian Case Studies. Gordon and Breach Publishers.
14. Paul, Benjamin D. (ed.) 1955. Health, Culture, and Community. Case Studies of Public Reactions to Health Programs.
15. Williams, Cicely D., Naomi Baumslag, and Derrick B. Jelliffe 1994. Mother and Child Health. Delivering the Services. 3rd Edition. New York: Oxford University Press
16. Basch, Paul F. Textbook of International Health 1999. New York: Oxford University Press.
17. Tsui, Amy O., Judith N. Wasserheit, and John G. Haaga (eds.) 1997. Reproductive Health in Developing Countries. Washington, D.C.: National Academy Press.

DSE-P-ANT-4: Dissertation

Each student shall have to undergo training for learning and use of different techniques of scientific data collection during 15 days of fieldwork under the supervision of a teacher in a tribal/rural area. The dissertation shall be prepared by the student based on the data collected during the fieldwork. The student is required to submit the dissertation through supervising teacher to the Head of the department for its evaluation. The dissertation shall be evaluated by an external examiner in consultation with the internal examiner (the supervising teacher). The candidate shall be awarded grade by the internal and external examiners on the basis of his/her dissertation and performance in the viva-voce.

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GENERIC ELCTIVE- 2 PAPERS

GE-ANT-1: Biological Anthropology

Theory

Credit- 4

Unit I: Meaning and definition of Physical Anthropology, Its history and development, aim, scope and relationship with allied disciplines, Different branches of Physical Anthropology.

Unit II: Understanding human variation and evolution: Theories of evolution: Lamarckism, Darwinism, Synthetic theory.

Unit III: Human Origin and evolution: Anatomical characteristics and distribution of Australopithecus, Pithecanthropus and Neanderthal man.

Unit IV: Human Genetics: Development and Its relation with other subjects, structure of Cell, chromosomes, DNA and RNA, Cell division-mitosis and meiosis

Unit V: Great divisions of humanity: Concept of Race, Racial classifications –Broad divisions of Mankind ,Classification by Hooton, Risley and Guha, UNESCO Statement on Race.

Practical

Credit-2

Students should take measurement on five individuals

Somatometry

1. Maximum head length
2. Maximum head breadth
3. Minimum frontal breadth
4. Nasal height
5. Nasal length
6. Nasal breadth
7. Morphological upper facial height
8. Head circumference
9. Stature
10. Sitting height
11. Body weight

Somatосcopy

- | | | | |
|---------------|----------------|--------------|----------------|
| 1. Head form | 2. Hair form | 3. Nose form | 4. Hair colour |
| 5. Eye colour | 6. Skin colour | | |

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Suggested Readings

1. Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA
2. Kroeber A. L. (1948). Anthropology. Oxford & IBH Publishing Co., New Delhi.
3. Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.
4. Statement on Race: Annotated Elaboration and Exposition of the Four Statements on Race (1972). Issued by UNESCO. Oxford University Press.
5. Das, B.M.: Outline of Physical Anthropology

GE-ANT-2: Socio-Cultural Anthropology

Theory

Credit-4

Unit I:

Scope and relevance of Social Anthropology; Relationship of Social Anthropology with other disciplines

Unit II:

Family: Types, features and function; Marriage: Types and Function. Ways of acquiring mates; Kinship Terminology and Usages; Lineage, clan, phratry and moiety

Unit III:

Economic institutions: principles of production, distribution, and consumption in simple and complex societies; Forms of exchange: barter, trade and market; Reciprocities: generalized, balanced and negative.

Unit IV:

Political institutions: concepts of power and authority; types of authority; state and Stateless; Societies; law and justice in simple and complex societies.

Unit V:

Religion- magic, animism, animatism, totemism, naturism; witchcraft and sorcery; Religious specialists: shaman, priests, mystics

Practical

Credit-2

Methods and Techniques of Social Anthropology: The practical will include the following techniques and methods in collection of data in Social Anthropology.

1. Observation
2. Interview
3. Questionnaire and Schedule
4. Case study
5. Life history

Suggested Readings:

1. Beattie J. (1964). Other Cultures. London: Cohen & West Limited.
2. Bernard H.R. (1940). Research Methods in Cultural Anthropology. Newbury Park: Sage Publications.
3. Davis K. (1981). *Human Society*. New Delhi: Surjeet Publications.

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4. Delaney C. (2004). 'Orientation and disorientation' In *Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
 5. Ember C. R. et al. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
 6. Ferraro G. and Andreatta S. (2008). In *Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
 7. Karen O'reilly. (2012). 'Practical Issues in Interviewing' *Ethnographic Methods*. Abingdon: Routledge
 8. Lang G. (1956). 'Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*.17(3): 206-218
 9. O'reilly K. (2012). *Ethnographic Methods*. Abingdon: Routledge.
 10. Parsons T. (1968). *The Structure of Social Action*. New York: Free Press
 11. Rapport N. and Overing J. (2004). *Key Concepts in Social and Cultural Anthropology*. London: Routledge.
 12. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods' In *Notes and Queries on Anthropology*. London: Routledge & Kegan Paul Ltd.
 13. Roy, I.B. (2013). *Anthropology: The Study of Man*. New Delhi: S. Chand & Company Pvt. Ltd.

SKILL ENHANCEMENT COURSES

SEC-ANT-1: Demographic Anthropology

Theory

Credit-2

Unit I: Demographic Anthropology

1. Introduction, definition and basic concepts
2. Relationship between demography, population studies and anthropology
3. Importance of population studies in Anthropology

Unit II: Population Theories

1. John Graunt
2. Thomas R. Malthus
3. Biological theory of population
4. Theory of demographic transition

Unit III: Tools of Demographic Data

1. Measures of population composition, distribution and growth
2. Measures of fertility
3. Measures of mortality
4. Measures of migration

Unit IV: Population of India

1. Sources of demographic data in India
2. Growth of Indian population
3. Demography of Indian tribal and non-tribal groups
4. Anthropological determinants of population growth
5. Impact of urbanization on the migration of tribal groups

Unit V: National policies

1. National Population Policy
2. National Health Policy
3. National Policy on Reproductive Health Care

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Suggested Readings

1. Bhende A. and Kaniikar, T. (2006) *Principles of Population Studies*. Himalaya Publishing House. Mumbai (All Units, It covers most topics)
2. Caldwell J.C. (2006). *Demographic Transition Theory*. Springer.
3. Census of India (2001,2011), SRS bulletin (2013), NFHS (2006), CRS, NSSO (Can be seen from browsing net)
4. Gautam R.K., Kshatriya, G.K. and Kapoor A.K. (2010) *Population Ecology and Family Planning*. Serials publications. New Delhi.
5. Howell N. (1986) Demographic Anthropology. *Ann. Rev. Anthropol.* 15: 219-246
6. Kshatriya G.K. (2000). Ecology and health with special reference to Indian tribes. *Human Ecology special volume 9:229-245*.
7. Kshatriya G.K., Rajesh,G. and Kapoor , A.K. (2010) *Population Characteristics of Desert Ecology*.VDM Verlag Dr. Muller Gmbh and Co., Germany.
8. Misra BD (1982). *An introduction to the study of population*. South Asia publ. ltd. New Delhi.
9. National Population Policy <http://populationcommission.nic.in/npp.htm>
10. Park K. (2000) *Text book of Preventive and Social Medicine*. Banarsidas Bhanot, Jabalpur.
11. Patra P.K. and Kapoor, A.K. (2009) *Demography And Development Dynamics in a Primitive Tribe of Himalayas*. International Book Distributors, Dehradun
12. Riley N.E. and Mc Carthy, J. (2003) *Demography in the Age of the Postmodern*. Cambridge University press. UK. Pages 1-13 and 32-98
13. Sharma A.K. (1979) Demographic transition: A Determinant of Urbanization. *Social Change* 9: 13-17.
14. Srivastava O.S. (1996) *Demographic and Population Studies*. Vikas Publishing House, India
15. Zubrow E.B.W. (1976) *Demographic anthropology. Quantitative approaches*. University of New Mexico Press, Albuquerque.
16. <http://human-nature.com/dm/chap3.html>
17. <http://biography.yourdictionary.com/john-graunt>
18. <http://www.marathon.uwc.edu/geography/demotrans/demtran.htm>

SEC-ANT-2: Museology

Theory

Credit-2

Unit- I

Definition of Museum – scope and function (aims and objectives). Museology and museography

Types and classification of museums, changing concepts of museums. History and philosophy of museums in India , Museum movement in India.

Unit-II

Collection/Acquisition of Museum Specimens : History of collection. Ethics of collection. Modes of acquisition: Gift/ bequeath, excavation, exploration, expedition, loan, exchange, purchase, confiscation, and fabrication.

Registration & Documentation of Museum Articles: Accessioning & deaccessioning. Numbering. Marking. Identification, classification, dating, search of bibliographical reference. Cataloguing. Indexing. Photo documentation. Computerised documentation, digital cataloguing. Problems in documentation, e.g., fabricated exhibits, plastic art, oral history (nonmaterial culture/ intangible heritage), etc.

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Unit-III

Display & Exhibition: Purpose, principles and types of display. Labels: types, material, size, language, position, execution, evaluation, etc. Visual & verbal aids: charts, graphs/graphics, photographs, film/video, CDRom/DVD, etc.

Types of exhibits: original/fabricated, static/movable, models (scale/non-scale, working/non-working), participatory/interactive, diorama/habitat group, tableaux, etc.

Types of exhibitions: object-oriented/concept-oriented, thematic, contextual, chronological, geographical, integral, comparative, natural, synthetic, didactic, special, permanent/temporary/travelling/circulating/mobile, etc.

Unit-IV

Care & Conservation: Understanding conservation, preservation & restoration. • Ethics of conservation. • Instruments & equipment used in a conservation laboratory: Principle & use.

Unit-V

Information Technology and Museum

Use of I.T. in museums and other non-profit heritage institutions. Creation of database - methods, software. Information processing, storage, access/retrieval, dissemination.

Suggested Readings:

1. Agrawal, Usha – Museums of India, a brief directory
2. Ambrose, Timothy & Paine, Crispin – Museum Basics
3. Basu, S & Chakrabarti, M - Museum Norms and Terms, a selective approach
4. Baxi, Smita & Dwivedi, Devendra – Modern Museum
5. Bennett, Tony – The Birth of the Museum
6. Edson, Gary & Dean, David – The Handbook for Museums
7. Fopp, Michael A – Managing Museums and Galleries
8. Markham and Hargreaves – The Museums of India
9. Nigam, M L – Fundamentals of Museology
10. Sarkar, H – Museums and Protection of Monuments and Antiquities in India
11. UNESCO – Organisation of Museums, Practical Advice
12. Dean, David – Museum Exhibition, Theory & Practice
13. Agrawal, O P & Barkeshli, Mandana – Conservation of Books, Manuscripts and Paper Documents
14. Dhawan, S (ed.) – Recent Trends in Conservation
15. Stolow, N – Conservation and Exhibition

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(35)

HONOURS COURSES AT A GLANCE

SUBJECT: ANTHROPOLOGY

DISCIPLINE SPECIFIC CORE- 14 PAPERS

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
DSC-H-ANT-1	1 st	Introduction to Biological Anthropology	4	2
DSC-H-ANT-2		Introduction to Socio-Cultural Anthropology	4	2
DSC-H-ANT-3	2 nd	Archaeological Anthropology	4	2
DSC-H-ANT-4		Fundamentals of Human Origin & Evolution	4	2
DSC-H-ANT-5	3 rd	Tribes and Peasants in India	4	2
DSC-H-ANT-6		Human Ecology: Biological & Cultural Dimensions	4	2
DSC-H-ANT-7		Biological Diversity in Human Populations	4	2
DSC-H-ANT-8	4 th	Theories of Culture and Society	4	2
DSC-H-ANT-9		Human Growth and Development	4	2
DSC-H-ANT-10		Research Methods	4	2
DSC-H-ANT-11	5 th	Human Population Genetics	4	2
DSC-H-ANT-12		Anthropology in Practice	4	2
DSC-H-ANT-13	6 th	Forensic Anthropology	4	2
DSC-H-ANT-14		Anthropology of India	4	2

DISCIPLINE SPECIFIC ELECTIVE-4 PAPERS

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
DSE-H-ANT-1	5 th	Anthropology of Religion, Politics and Economy	4	2
DSE-H-ANT-2		Tribal Cultures of India	4	2
DSE-H-ANT-3	6 th	Anthropology of Health	4	2
DSE-H-ANT-4		Dissertation (in Semester VI only)	4	2

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31

GENERIC ELCTIVE-4 PAPERS

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
GE-ANT-1	1 st	Biological Anthropology	4	2
GE-ANT-2	2 nd	Socio-cultural Anthropology	4	2
GE-ANT-3	3 rd	Archeological Anthropology	4	2
GE-ANT-4	4 th	Anthropology in India	4	2

SKILL ENHANCEMENT COURSES-LIST-A (MINIMUM 1)

Number	Semester	Title of the Course	Credit	
			Theory	Practical/ Tutorial
SEC-ANT- 1	3 rd	Demographic Anthropology	2	
SEC-ANT-2	3 rd	Museology	2	

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95

DISCIPLINE SPECIFIC CORE PAPRES

Credits: Papers X (Theory +Practical) = 14 X (4+2) = 84

DSC-H-ANT-1: Introduction to Biological Anthropology Theory

Credit- 4

Unit I: Meaning and definition of Physical Anthropology, Its history and development, aim, scope and relationship with allied disciplines, Different branches of Physical Anthropology.

Unit II: Understanding human variation and evolution: Theories of evolution: Lamarckism, Darwinism, Synthetic theory, Mutation theory.

Unit III: Primates: General Characteristics, Distribution and Classification, Significance of non-human primate study in Biological Anthropology, Non human living primates- features and distribution; Comparative account of Man and ape

Unit IV: Human Genetics: Development and Its relation with other subjects, structure of Cell, chromosomes, DNA and RNA, Cell division-mitosis and meiosis

Unit V: Great divisions of humanity: Concept of Race, Racial classifications –Broad divisions of Mankind ,Classification by Hooton, Risley and Guha, UNESCO Statement on Race.

Practical

Credit-2

Students should take measurement on five individuals

Somatometry

- | | |
|--------------------------------|---------------------------------------|
| 1. Maximum head length | 9. Physiognomic facial height |
| 2. Maximum head breadth | 10. Morphological facial height |
| 3. Minimum frontal breadth | 11. Physiognomic upper facial height |
| 4. Maximum bizygomatic breadth | 12. Morphological upper facial height |
| 5. Bigonial breadth | 13. Head circumference |
| 6. Nasal height | 14. Stature |
| 7. Nasal length | 15. Sitting height |
| 8. Nasal breadth | 16. Body weight |

Somatoscopy

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

Suggested Readings

1. Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA
2. Kroeber A. L. (1948). Anthropology. Oxford & IBH Publishing Co., New Delhi.
3. Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.
4. Statement on Race: Annotated Elaboration and Exposition of the Four Statements on

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- 35
- Race (1972). Issued by UNESCO. Oxford University Press.
5. Das, B.M.: Outline of Physical Anthropology

**DSC-H-ANT-2: Introduction to Socio-Cultural Anthropology
Theory**

Credit- 4

Unit I:

Anthropological perspective and orientation; Scope and relevance of Social Anthropology; Relationship of Social Anthropology with other disciplines.

Unit II:

Culture: Concept, definition, nature, characteristics and paradoxes of culture;
Culture change: innovation, diffusion, acculturation, assimilation, attenuation and integration

Unit III:

Family: Types, features and function;
Concept and definition of marriage, types of marriage, marriage rules, ways of accruing mates, marriage payments, bride-price/wealth, dowry, divorce, couvades, alliance theory

Unit IV:

Concept and definition of kinship; Types of kin, types of kin group; kin terms; descent and filiations; ritual/fictive, kinship behavior, incest taboo.

Unit V:

Ethnographic approach, contribution of Malinowski, Boas and other pioneers; cultural relativism, ethnocentrism, etic and emic perspectives, comparative and historical methods.

Practical

Credit- 2

Methods and Techniques of Social Anthropology: The practical will include the following techniques and methods in collection of data in Social Anthropology.

1. Observation
2. Interview
3. Questionnaire and Schedule
4. Case study
5. Life history

Suggested Readings:

1. Beattie J. (1964). Other Cultures. London: Cohen & West Limited.
2. Bernard H.R. (1940). Research Methods in Cultural Anthropology. Newbury Park: Sage Publications.

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3. Davis K. (1981). *Human Society*. New Delhi: Surjeet Publications.
4. Delaney C. (2004). 'Orientation and disorientation' In *Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
5. Ember C. R. et al. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
6. Ferraro G. and Andreatta S. (2008). In *Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
7. Karen O'reilly. (2012). 'Practical Issues in Interviewing' *Ethnographic Methods*. Abingdon: Routledge
8. Lang G. (1956). 'Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*.17(3): 206-218
9. O'reilly K. (2012). *Ethnographic Methods*. Abingdon: Routledge.
10. Parsons T. (1968). *The Structure of Social Action*. New York: Free Press
11. Rapport N. and Overing J. (2004). *Key Concepts in Social and Cultural Anthropology*. London: Routledge.
12. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods' In *Notes and Queries on Anthropology*. London: Routledge & Kegan Paul Ltd.
13. Roy, I.B. (2013). *Anthropology: The Study of Man*. New Delhi: S. Chand & Company Pvt. Ltd.

DSC-H-ANT-3: Archaeological Anthropology Theory

Credit- 4

Unit I: Introduction

- Definition and scope of archaeological anthropology
- Relation with other disciplines
- Methods of studying archaeological anthropology

Unit II: Methods of Estimation of Time and Reconstruction of the Past

- Absolute dating methods
- Relative dating methods
- Methods of climatic reconstruction: palynology, paleontology.

Unit III: Geochronology of Pleistocene Epoch

- Glacial and Interglacial
- Pluviation and Inter Pluviation
- Different types of geoclimatic events

Unit IV: Understanding Culture

- Technique of tool manufacture and estimation of their relative efficiency
- Classification of tools: primary and combination fabrication techniques
- Typology and cultural nomenclature

Unit V: Pleistocene Chronology of Europe: Paleolithic Culture, Mesolithic Culture and Neolithic Culture

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27

Practical

Credit- 2

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

1. Core Tool Types
2. Flake Tool Types
3. Blade Tool Types
4. Microlithic Tool Type
5. Neolithic Tool Type

Suggested Readings

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

DSC-H-ANT-4: Fundamentals of Human Origin & Evolution

Theory

Credit- 4

Unit-I:

Primate origins and radiation with special reference to Miocene hominoids: Ramapithecus, distribution, features and their phylogenetic relationships.

Unit-II:

Australopithecines: distribution, features and their phylogenetic relationships, Appearance of Genus Homo (*Homo habilis*) and related finds.

Unit-III:

Homo erectus: Distribution, features and their phylogenetic status.

Unit-IV:

The origin of *Homo sapiens*: Fossil evidences of Neanderthals and Archaic *Homo sapiens sapiens*

Unit-V:

Origin of modern humans (*Homo sapiens sapiens*): Distribution and features, Hominisation process

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