

Government Degree College Baramulla

(NAAC Re-Accredited Grade 'A' College with Potential of Excellence)

Subject: **Anthropology**

Semester: **Fourth**

Course Title: **Archeological Anthropology**

Credits: **4+2**

Course Type: **Major/Minor**

Course Code: **ANTC1422M**

Objectives and Learning Outcomes

- To acquaint about Geological Time Scale with greater emphasis on Cenozoic era.
- To acquaint about Paleolithic, Mesolithic and Neolithic cultures.
- To enable the students to understand the tools and techniques of prehistoric cultures by first-hand experience of local archaeological sites.
- The course will focus on sites of Europe and India.

Unit 1: Dating the Past

- Geological Time Scale
- Dating Methods: Relative and Absolute
- Tool, Types and Technologies
- Quaternary Ecology: Pleistocene Age

Unit 2: Palaeolithic Cultures of Europe: Habitat, Ecology and Tradition

- Lower Palaeolithic
- Middle Palaeolithic
- Upper Palaeolithic
- Palaeolithic Art

Unit 3: Mesolithic and Neolithic Cultures of Europe and India

- Azilian, Tardenoisian and Maglemosian cultures
- Mesolithic in India: Teri Sites, Sarai Nahar, Bagor and Langhnaj
- Neolithic Revolution; Neolithic Tool Kit; Neolithic Cultures in Near East
- Neolithic Sites: Burzohoma and Gufkral

Unit 4: Chalcolithic Cultures:

- Chalcolithic Culture Across the World: Mesopotamia
- Chalcolithic Culture in India: Inamgaon and Navdatoli
- Indus Valley Civilisation: Origin, Town Planning, Culture, Distribution & Decline
- Megalithic Cultures in India: Nilaskal and Junapani

Practical (2 Credits)

- Typo-Technological Analysis of Prehistoric Tools: Identification, Interpretation and Drawings of the Tools: Core, Flake Tools, Blade Tools and Microlithis
- Field Visits: Report Writing on a Local Archaeological Sites/Museums.

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List of Readings

1. Allchin and Allchin (1993). *The Rise of Civilization of India and Pakistan*. Cambridge University Press
2. Bhattacharya D.K. (2014). *Outlines of Indian Prehistory*. Palakaprakarshan: New Delhi.
3. Bhattacharya D.K. (1979). *Old Stone Age Tools and Techniques*. Calcutta, K.P. Bagchi Company.
4. Bhattacharya D.K. (2014). *Prehistoric Archaeology*. PalakaPrakarshan: New Delhi
5. Champion et al. (1984). *Prehistoric Europe*. New York, Academic Press.
6. Fagan B.M. &Durrani N. (2018). *People of Earth: An Introduction to World Prehistory*. Routledge.
7. B.M. &Durrani N. (2018). *Archaeology: A Brief Introduction*. Routledge: India.
8. Phillipson D. W. (2005). *African Archaeology*. Cambridge, Cambridge University Press.
9. Sankalia H.D. (1964). *Stone Age Tools*. Poona Deccan College.

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Subject: **Anthropology**

Semester: **Fourth**

Course Title: **Human Growth and Development**

Credits: **4+2**

Course Type: **Major**

Course Code: **ANTC2422M**

Objectives and Learning Outcomes

- To enable the students to learn about physical growth and development.
- To enable student to learn about various factors which are affecting human growth
- To enable student to learn about how to measure and study various parts of the human body and body composition.

Unit 1: Introduction

- Concept of Human Growth, Development and Maturation.
- Methods of human growth and development
- Prenatal Development (Conception till Birth).
- Postnatal Development (Birth till Death)

Unit 2: Factors affecting growth

- Differences in Growth Curves, Scammon's Growth Curves
- Catch-up Growth, Secular trends, Growth gradients.
- Biological and Environmental Factors influencing Patterns of Growth and Variation.
- Nutritional Anthropology: Concept of Balanced Diet and Assessment of Nutritional Status.

Unit 3: Human Physique

- Introduction to Human Physique and Somatotyping
- Sheldon, Parnell, Heath and Carter Methods of somatotyping
- Bio-Cultural Adaptation to Environmental Stresses- Heat, Cold and Altitude.
- Homeostasis and Thermoregulation.

Unit 4: Body Composition

- Concept of Body Composition, Total Body Fat, Essential Fat, Fat Free Mass
- Methods of assessment of Body composition
- Sex difference and ethnic variation in body composition.
- Application of human physique and body composition

Practical (Credits 2)

Following body measurement will be taken:

- I. Estimation of Body composition. Nutritional Assessment through Dietary Pattern and Anthropometric Indices, Body Mass Index, BMR, Body Fat Analysis
- II. Haemoglobin estimation, RBC, WBC- Hematological parameters.

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List of Readings

1. Bogin B. (1999) Patterns of Human Growth. Cambridge University Press.
2. Frisancho R. (1993) Human Adaptation and Accommodation. University of Michigan Press.
3. Cameron N and Bogin B. (2012) Human Growth and Development. Second edition, Academic press Elsevier.
4. Harrison GA and Howard M. (1998). Human Adaptation. Oxford University Press.
5. Harrison GA, Tanner JM, PibeamDr, Baker PT. (1988). Human Biology. Oxford University Press.
6. Jurmain R, Kilgore L, Trevathan W. Essentials of physical anthropology. Wadsworth publishing.
7. Kapoor AK and Kapoor S. (1995) Biology of Highlanders. Vinod Publisher and Distributor.
8. Kathleen K. (2008). Encyclopaedia of Obesity. Sage.
9. Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics.
10. McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance.
11. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In
12. Basu and Gupta (eds). Human Biology of Asian Highland Populations in the global context.
13. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi.

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(NAAC Re-Accredited Grade 'A' College with Potential of Excellence)

Subject: **Anthropology**

Semester: **Fourth**

Course Title: **Anthropology in India**

Credits: **4+2**

Course Type: **Major CT3**

Course Code: **ANTC3422M**

Objectives and Learning Outcomes

- The students will learn about the concepts of tribes, their classification and distribution.
- They will also learn about peasantry and how it is related to tribes.
- From the practical component they will learn how to write an ethnographic report.

Unit 1: Introduction

- Origin and Development of Anthropology in India
- Pre and Proto History: Palaeolithic, Mesolithic and Neolithic Culture
- Contributions of Robert Bruce Foote and H. D. Sankalia
- D. N. Majumdar and S. C. Roy.

Unit 2: Ethnicity and Race in Indian

- Caste, Race and Ethnicity
- Languages and Dialects of Tribes
- Risley and Guha:- Racial Classification of Indian Society
- Scheduled Castes and scheduled Tribes

Unit 3: Tribal Development: Issues and Challenges

- Socio-economic and Linguistic characteristics of Tribes.
- Land-alienation, Lack of basic services
- Tribal Unemployment, Poverty and Exploitation
- Identity, Health and Nutrition

Unit 4: Village in India

- Social Organisation and Village Economy
- Caste Hierarchies and Characteristics
- Great Tradition and Little Tradition.
- Universalization and Parochialisation.

Practical (2 Credits)

- I To organise community visits and to write a brief report about the area and community
- II The students shall have to prepare field work report on any tribal area

List of Readings

Danda, A.K. and Dipali Danda (eds). 2010. Anthropology in India: Current Epistemology and Future Challenges. Jhargram: INCAA.

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1. Dube, S.C. 1992. Indian Society. New Delhi: National Book Trust.
2. Dumont, L. 1980. Homo Hierachicus. University of Chicago Press.
3. Guha, B.S. 1931. The Racial Attributes of People of India. In: Census of India 1931, vol. I, Part III.
4. Haddon, A.C. 1929. Races of Man. London: Cambridge University. Hasnain, Nadeem. 1991. Readings in Indian Anthropology. New Delhi: Harnam Publications.
5. Kapoor, A.K. 1992. Genetic Diversity among Himalayan Human Populations. Jammu: Vinod Publishers.
6. Karve, I. 1961. Hindu Society: An Interpretation. Poona: Deccan College.
7. Lopez, D.S. 1995. Religions of India in Practice. Princeton University Press.
8. Majumdar, DN. 1901. Races and Culture of India. Bombay: Asia Publishing House. Malhotra, K.C. 1978. Morphological Composition of People of India.
9. J. Human Evolution. Nicholas, D. 2001. Castes of Mind: Colonialism and the Making of Modern India. Princeton University Press.
10. Trautmann, T. R. 2011. India: Brief history of Civilization. Delhi: Oxford University Press.