

## DEPARTMENT OF ANTHROPOLOGY

### **Semester-1: 101:- Introduction to Social Cultural Anthropology**

#### *Objective*

To understand the basics about socio-cultural anthropology: its history, origin, elements and subject matter besides applications of Sociocultural Anthropology which is a major branch of Anthropology.

#### *Learning Outcomes*

- a. Exposed to the basic introductory background about Socio-cultural Anthropology, its historical background
- b. Provides knowledge about the entire subject matter of the socio-cultural anthropology as well as its different sub-branches.
- c. Describe the scope and application of Socio-cultural Anthropology in various fields.

### **102: Introduction to Biological Anthropology**

#### *Objective*

Biological Anthropology aims to study the different aspects of the life of human, right from the date of his origin up to the present day- for example, its physical features, differences, cultural variations, social, political, religious, and other affairs etc.

#### *Learning outcomes*

- a. Exposed to the basic concept, meaning and scope of Biological Anthropology
- b. Explain how human being acts as the central figure of Anthropology
- c. Elucidate the major divisions of Biological/ physical Anthropology
- d. Know the inter-relationship between Biological Anthropology and other sciences
- e. To know how Man evolved in animal kingdom
- f. To understand how evolution has occurred and what are the evidences of evolution and addresses human variation and the causes of variations.

### **103: Introduction to Archaeological Anthropology**

#### *Objective*

Archaeological anthropology is one of the main branches of Anthropology which deals with the origin and development of humankind prior to the invention of script.

#### *Learning Outcomes*

- a. Able to define archaeological anthropology and its branches
- b. Understand the development of prehistoric archaeology and different cultural periods
- c. Exposed to cultural chronology and dating methods through material remains such as tool typology and technology.

### **106: Economic and Political Anthropology**

#### *Objective*

Aim to understand the economic and political organization of different communities

*Learning outcomes*

- a. Able to learn meaning and scope of economic anthropology
- b. To understand the division of labor by gender and age, exchange of goods and gifts, and to understand the market economy.
- c. Able to know the historical background of Political Organization besides types and trends of Political Organization including types like i.e. Band, Tribe, Chiefdoms and State.

**Semester-II**

**201: Comparative Ethnography and Indian Anthropology**

*Objective*

To restudy the same area which was earlier studied in order to gauge the changes that have occurred in the society under study, along with the continuity maintained from the past.

*Learning outcomes*

- a. To understand the major ethnological regions of the world
- b. To know the ethnic and linguistic classifications
- c. Able to understand the traditional Indian culture

**202: Principles of Genetics**

*Objective*

To generate knowledge with the potential to improve individual and community health. To reveal information about an individual's susceptibility to disease and hence about the individual's future health.

*Learning outcomes*

- a. understand about the scope of genetics and its historical development
- b. to learn the biology of cell and cell division
- c. Exposed to the patterns of the inheritance
- d. Know about blood groups and their anthropological perspective

**203: Research Methods in Anthropology**

*Objective*

To understand the meaning of research, types of Research, research Process and design of the study, methods of data collection and interpretation.

*Learning outcomes*

- a. To understand the fieldwork traditions in Anthropology
- b. To understand the concept of research and its purpose
- c. highlight the conceptual structure of a research design
- d. understand the various statistical tools in the analysis and interpretation of the data

**206: Prehistoric India**

### *Objective*

Prehistoric India aims to know the distribution of various lithic and metallic cultures of India

### *Learning outcomes*

- a. learn the regional distribution of palaeolithic, Mesolithic and Neolithic cultures
- b. understand the copper and iron age
- c. exposed to the distribution of megaliths

## **Semester-III (Specialization in Biological Anthropology)**

### **301. Human Evolution and Fossil Evidence**

#### *Objective*

To understand the theories of human evolution through palaeontological evidences

#### *Learning outcomes*

- a. understand the evolutionary trends of primates, prosimians to hominids
- b. know the hominid evolution
- c. exposed to the hominid distribution and feature of human species

### **302: Human Genetics**

#### *Objective*

To learn about human genetics and emergence of its branches, rationale of the techniques in understanding the abnormalities, to know about genetic diseases and its management, to understand the basic aspects of genetic variation

#### *Learning outcomes*

- a. understand the meaning and scope of human genetics
- b. know methods of studying human chromosomes and chromosomal abnormalities
- c. depict Inborn errors of metabolism with typical examples and human ABO blood group system and its fundamentals
- d. know the concept of “one-gene-one-enzyme hypothesis” which explains development of genetic diseases/disorders caused by defective genes controlling the functions of enzymes in metabolic pathways

### **305: Anthropological Demography**

#### *Objective*

To learn the basic demographic variables and factors controlling population growth

#### *Learning outcomes*

- a. know about the growth theories and basic demographic variables
- b. understand how the different factors regulate the population growth
- c. understand the different demographic models

### **306: Biostatistics and Computer Applications**

#### *Objective*

To know the scope of biostatistics like i.e., research process, types, design of the study, various statistical tools in deriving conclusion through computer applications

*Learning Outcomes*

- a. To understand the concept of research and its purpose
- b. To enlighten the process of research and conceptual structure of a research design
- c. Understand the disease outcomes through measurement of descriptive, analysis of variance and regression models through computer applications.

**307: Forensic Anthropology**

*Objective*

It encompasses the meaning and scope of forensic anthropology, crime types and crime scenes and methods of investigation.

*Learning Outcomes*

- a. able to know about forensic anthropology, a specialized, applied branch of physical/biological anthropology which deals with the crime investigation
- b. understand how dermatoglyphic, somatoscopic characteristics and body fluids helpful in crime investigation
- c. know the importance of modern methods in crime investigation

**308: Palaeoanthropology**

*Objective*

To describe the origin of earth and life in different chronological periods

*Learning outcomes*

- a. understand the geological time scale and Pleistocene epoch
- b. know about tool making techniques and tool types
- c. gain knowledge about dating methods and cultural chronology

**Semester- III (Specialization- Sociocultural Anthropology)**

**301: Theories of Culture**

*Objective*

Aimed to understand the culture and cultural evolutionary theories

*Learning Outcomes*

- a. able to understand the various theories of culture and conceptual contribution of different scholars
- b. understand the historical approaches of culture

**302: Social Anthropology of Complex Societies**

*Objective*

To understand the holistic approaches of complex societies

*Learning outcomes*

- a. understand the meaning and approach of great and little traditions
- b. learn about the peasant societies

- c. know the complex cultures in western societies
- d. understand problems of urbanization and social changes

### **305: Ecological Anthropology**

#### *Objective*

Aims to understand the ecosystem and its effect on the livelihood strategies of different population groups

#### *Learning Outcomes*

- a. Understand the environment and ecosystem in understanding the cultural modifications
- b. Know about ecological issues, biodiversity for sustainable development
- c. Issues and prospects on development projects and displacement

### **306: Applied Anthropology- Indigenous Communities**

#### *Objective*

Aims to understand the applications in Anthropology, health, agriculture, education and biodiversity.

#### *Learning outcomes*

- a. Able to know the process of acculturation and assimilation, socialization
- b. Know about applications of Anthropology in the management of health, agriculture, education and biodiversity and poverty eradication
- c. Gain the knowledge on tribal welfare, tribal problems, forest and property rights, shifting cultivation and tribal movements

### **307: Anthropology of Religion-Sacred Complexes in India**

#### *Objective*

Understand the role of sacred complexes in cultural modifications in contemporary society

#### *Learning outcomes*

- a. Know about meaning and relation with power and political leverages, ethnic identity and other aspects of culture in tradition and modern societies
- b. Know the different anthropological theories of religion
- c. Contemporary issues of religion

### **308. Anthropology and Career Promotion**

#### *Objective*

To know about the anthropological approaches in career promotion

#### *Learning objectives*

- a. Understand the anthropology in competitive examinations
- b. Know about participatory research appraisal
- c. Exposed to the issues in tribes, tribal problems and cast populations

## **IV Semester; Specialization in Biological Anthropology**

#### **401: Biological Anthropology**

##### *Objective*

To understand the meaning and scope of Biological anthropology and human diversities.

##### *Learning outcomes*

- a. Understand the basic concept, meaning and scope of Biological Anthropology
- b. Know the biological variation in modern human populations
- c. Understand the human adaptability and impact of urbanization on humans
- d. Bio-cultural aspects of health and disease

#### **402: Human Population Genetics**

##### *Objective*

Human population genetics aimed to understand the inherited differences and predicting the changes that may take place in relative frequency of different genes

##### *Learning outcomes*

- a. breeding isolation and its implications in human population genetics
- b. various mating patterns (inbreeding and types of consanguineous marriages) and measure the inbreeding in families
- c. Understand the importance of HW Equilibrium especially the gene frequency changes with respect to Mutation, Genetic drift, Selection, Gene flow and to investigate them in empirical situations in human populations.

#### **405: Human Growth, Physique and Nutrition**

##### *Objective*

To understand the growth studies on differentiation and maturation on stages of growth

##### *Learning outcomes*

- a. Know about the concept of age and its ascertainment and different stages of growth
- b. Understand the methods of studying growth and the factors affecting the growth
- c. Know the socio-cultural aspects of nutrition and nutrients in health and diseases

#### **406: Applied Biological Anthropology**

##### *Objective*

To study the applications of biological anthropology in anthropometry, forensic science and biomedical sciences

##### *Learning outcomes*

- a. Know about various applications of anthropometry and kinanthropometry in various fields
- b. Understand about the importance of anthropology in crime investigations
- c. Understand about the importance of biological anthropology in study of various diseases

## **407. Medical Genetics**

### *Objective*

To know about gene and environment interactions in understanding the various genetic diseases

### *Learning outcomes*

- a. know the about the different methods of identification of genetic diseases
- b. gain the knowledge and attitude towards diseases and treatment

## **408: Epidemiology**

### *Objective*

To understand the population perspective of epidemiology and measures of Disease Frequency.

### *Learning outcomes*

- a. Exposed to the basic concepts in epidemiology with examples of epidemiology in different areas of public health.
- b. Understand the global burden of health outcomes and diseases by assessing measures and interpret the prevalence, risk, rate, and odds within the context of epidemiology
- c. Understand the complex web of biological, behavioral, cultural and environmental factors towards the prevalence of communicable infections and chronic infections

## **IV Semester: Social cultural anthropology**

### **401: Structural Anthropology**

#### *Objective*

To understand the immutable deep structures exist in different cultures and cultural practices

#### *Learning outcomes*

- a. Know the structure and function of culture
- b. Understand about the social structure and social organization
- c. Know the general notion of structuralism

### **402: Medical Anthropology**

#### *Objective*

To understand the epidemiology rates and ratios regarding various diseases.

#### *Learning outcomes*

- a. Exposed to the basic concepts in epidemiology with examples of epidemiology in different areas of public health.
- b. Understand the ethno-medicine in the management of health and illness behavior
- c. Understand the modern medical systems and health care delivery services

### **405: Development Anthropology**

*Objective*

To understand the concept of development and sustainable development

*Learning Outcomes*

- a. Know about anthropological knowledge in community development
- b. Understand the steps in planning development projects
- c. Role of government, NGOs and peoples participation in development

**406: Culture and Management**

*Objective*

To know the cultural modifications in the contemporary societies and its impact on development

*Learning outcomes*

- a. Know the organization theory and comparative management of culture
- b. Understand how culture affect management changes in management styles: future outlook
- c. Methodological issues in cross cultural management research

**407: Anthropology of Displaced Populations**

*Objective*

To know about the socio-cultural effects of displacement, social disorganization and occupational diversity

*Learning outcomes*

- a. Know the peoples perception towards development and displacement
- b. Understand policy issues relating development and displacement in India
- c. Legal implications of displacement and rehabilitation

**408: Visual Anthropology**

*Objective*

To define visual Anthropology as a discipline and development ethnography films

*Learning Outcomes*

- a. Know about the concept and scope of visual anthropology
- b. Know about the appraisal of ethnographic films in cultural context
- c. Knowledge about descriptive studying of Visual data produced by Cultures.