

**DEPARTMENT OF ANTHROPOLOGY
GURUCHARAN COLLEGE, SILCHAR**

**Programme Specific Outcomes for TDC (CBCS) Anthropology Honours
(B.A. / B.Sc. Anthropology Honours Course)**

After completion of this course, the Anthropology students are expected to achieve the following Programme Specific Outcomes (PSOs):

PSO1	To develop a conceptual understanding of Anthropology and basic understanding on Biological Anthropology in details
PSO2	To develop basic understanding on Socio-Cultural Anthropology in details and also to gain practical knowledge on different dimensions of Anthropology like Biological, Socio-Cultural and Archaeological Anthropology
PSO3	To develop basic understanding on Archaeological Anthropology in details, to get insight on Primitive Economy & Religion, to understand the Biological Diversity in Human Populations as well as to enhance knowledge on Public Health and Epidemiology
PSO4	To gain knowledge on Human Growth & Development and also to get insight knowledge on Research Methods in details and to get practical knowledge on different advanced dimensions of Anthropology as well as to enhance knowledge on Tourism Anthropology
PSO5	To understand Human Population Genetics, Anthropology in Practice, Advanced Archaeology and Tribal Cultures of India
PSO6	To develop the concepts on Applied Physical Anthropology, Anthropology of India and Indian Archaeology as well as to enhance knowledge on field work, data collection to prepare a field report

SEMESTER-I

C-101: INTRODUCTION TO ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Meaning, scope and history of Anthropology; Branches of Anthropology; Relationship among various branches of Anthropology; Relationship of Anthropology with allied disciplines
II	Meaning, scope and branches of Physical Anthropology; Modern trends in Physical Anthropology; General study of Human Skeleton
III	Man's place in animal kingdom; Mammals: Characteristics and classification; Primates: Characteristics and classification
IV	Meaning and scope of Prehistoric Archaeology; Concept of Prehistory, Proto history, History; Relationship of Archaeology, Palaeoanthropology and Ethno-archaeology; Relationship of Prehistoric Archaeology with other branches of Anthropology
V	Meaning, scope and branches of Socio-cultural Anthropology; Culture: Concept and characteristics; Society: Concept and characteristics

C-102: INTRODUCTION TO BIOLOGICAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Concept of organic evolution; Theories of organic evolution- Lamarckism, Darwinism, Mutation theory and Synthetic theory.
II	Distribution and salient features: Tarsiiformes, Lemuriformes, Lorisiformes; Platyrrhine and Catarrhine; Relationship of man with primates.
III	Distribution and salient features : Gibbon, Orangutan, Chimpanzee and Gorilla; Comparative anatomy of man and apes.
IV	Fossil evidences of human evolution; Australopithecus africanus, Homo erectus, Neanderthal, Cro-Magnon; Evolutionary changes in human skeleton with special reference to skull, vertebral column, pelvis, femur and foot.

V	Concept and genetic basis of race; UNESCO's statement on race; Racial Criteria. Meaning, scope and major branches of human genetics; Mendelian Principles. Concept of gene chromosome, DNA, RNA.
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SEMESTER-II

C-201: INTRODUCTION TO SOCIO-CULTURAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Culture, Society, civilization; Status and role; Social Stratification and caste system.
II	Aspects of culture: Material and non-material; Components of culture: Culture traits, culture complex and culture area; Cultural Processes: Enculturation, transculturation, contraculturation and acculturation
III	Marriage: Definition, forms of marriage, rules of marriage, modes of mate selection, residence after marriage. Family: Definition, origin, characteristics, types, functions.
IV	Kinship: Definition, types, kinship terminology, kinship usages; descent- rules of descent. Kinship based groups: Lineage and clan- definition, characteristics, types and functions.
V	Concept and types of property in simple societies, inheritance of property. Concept and types of political organizations in simple societies, concept of power and authority.

C-202: ANTHROPOLOGY PRACTICAL –I (BIOLOGICAL, CULTURAL AND ARCHAEOLOGICAL)

After completion of this course, the students are expected to achieve the following course outcomes:

Unit/ Group	Course Outcome
A	Physical/ Biological Anthropology: Somatometry; Somatoscopy; Craniometry; Osteometry.
B	Socio-Cultural Anthropology: Identification, description & methods of manipulation of technological specimens.
C	Archaeological Anthropology: Typo-technological Analysis of Prehistoric Tools.

SEMESTER-III

C-301: ARCHAEOLOGICAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Methods of Studying Prehistoric Archaeology.
II	Methods of Estimation of Time and Reconstruction of the Past.
III	A. Geochronology of Pleistocene Epoch; B. Evidences of Prehistoric Culture.
IV	Prehistoric Tool Typology and Technology
V	Cultural Chronology: Three Age System

C-302: PRIMITIVE ECONOMY AND RELIGION

Unit	Course Outcome
I	Primitive Economy: Primitive economic activities: food gathering, hunting and fishing Types of primitive economy: Food producing economy, pastoralism and agriculture.
II	Primitive Economy and Social life: Socio economic life of food gatherers and food producers.
III	Primitive Religion: Supernaturalism, Primitive & modern religion.
IV	Religious Beliefs and Practices: Animism and animatism; Rite and rituals, Rites de passage, Anthropomorphism, etc.

V	Primitive Magic; Magic, Religion and Science
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After completion of this course, the students are expected to achieve the following course outcomes:

C-303: BIOLOGICAL DIVERSITY IN HUMAN POPULATIONS

Unit	Course Outcome
I	Concept of biological variability: Race, genetic basis of race – mutation, migration, hybridisation, genetic drift, isolation, sexual and social selection.
II	Criteria for racial classifications: head form, hair form, nose form, skin colour, stature, ABO blood group, and dermatoglyphics.
III	Characteristic features of major races of mankind- Caucasoid, Negroid and Mongoloid; Various racial classifications.
IV	Demographic Anthropology: sources of demographic data, relationship of demography with other disciplines, demographic processes, demographic profile of Indian populations and its growth structure.
V	The depth of diversity: Biological diversity among North East Indian population with reference to anthropometric characters, and ABO blood group.

After completion of this course, the students are expected to achieve the following course outcomes:

SEC-301: PUBLIC HEALTH AND EPIDEMIOLOGY

Unit	Course Outcome
I	Definition and goals of public health; definition and objectives of epidemiology; historical development of epidemiology
II	Experimental studies; cohort studies; case control studies; and other types of studies
III	Introduction; causes of pollution; effects of pollution; global health
IV	Assessing health status in population; determinants of health: individual lifestyle factors, social and community networks, general socio-economic culture and environmental conditions
V	Prevention and control of disease: principles of prevention, intervention strategies, health promotion and health education, control of infectious diseases, immunization

After completion of this course, the students are expected to achieve the following course outcomes:

SEMESTE- IV

C-401: HUMAN GROWTH AND DEVELOPMENT

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Concept of human growth & development, differentiation and maturation. Stages of Growth, Growth Curve, etc.
II	Bio-cultural factors influencing patterns of growth and variation, methods and techniques to study growth, etc.
III	Concept of balanced diet, impact of malnutrition, Assessment of nutritional status, etc.
IV	Somatotyping and human physique with reference to Sheldon, Parnell, Heath and Carter methods.
V	Bio-cultural adaptation to environmental stresses- heat, cold and altitude, etc.

C-402: ANTHROPOLOGY PRACTICAL-II (BIOLOGICAL, ARCHAEOLOGICAL & MUSEUM METHODS)

After completion of this course, the students are expected to achieve the following course outcomes:

Unit/ Group	Course Outcome
A	1. The students would learn the Blood group typing Biological Anthropology: Color Blindness, G6PD, PTC test, Dermatoglyphics and Hemoglobin estimation.
B	Archaeological Anthropology: Identification & sketching of prehistoric tools and will also be acquainted with tribal and rural technology.
C	Museum methods: Classification of museum specimens, Cleaning, treatment and preservation of museum specimens.

C-403: RESEARCH METHODS

Unit	Course Outcome
I	Research Design: Review of literature, conceptual framework, formulation of research problem, formulation of hypothesis, sampling, tools and techniques of data collection, data analysis and reporting.
II	Field Work Tradition in Anthropology: Ethnographic approach, contribution of Malinowski, Boas and other pioneers.
III	Tools and Techniques of Data Collection: Survey method, ethnographic method, Census and Sample Survey. Observation and interview, case study and genealogy, anthropometric and serological techniques, etc.
IV	Ethics of Research: Ethical issues in the context of human subject research.
V	Analysis and Writing Up: Bio-Statistics and Writing Up of research report.

After completion of this course, the students are expected to achieve the following course outcomes:

SEC-401: TOURISM ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Definition, Growing potential of Tourism, Relationship between Tourism and Recreation, Demand for Tourism and Recreation
II	International Perspective, Cultural Landscape of Tourism, Landscape and Place.
III	Origin and Concept, Classification, Economic trends in Tourism and Application.
IV	Inbound Tourism, Outbound Tourism, Incentive Tourism, Religious Tourism, Adventure Tourism, Medical Tourism, Cultural Tourism, Ethnic or Nature Tourism.
V	World Tourism Organisation, International Air Transport Association (IATA), Pacific Asia Travel Association (PATA), American Society of Travel Agents (ASTA), International Civil Aviation Organisation.

SEMESTER-V

C-501: HUMAN POPULATION GENETICS

Unit	Course Outcome
I	Landmarks in the history of genetics, principles in human genetics, chromosome theory of inheritance, Mendelian inheritance, autosomal and sex linked inheritance
II	Pedigree method, twin method, bio-metric method
III	Phenotypic & genotypic polymorphisms, transient polymorphism, balanced polymorphisms, models explaining the maintenance of genetic polymorphism.
IV	Genotypic and allelic frequencies, assumptions of Hardy-Weinberg equilibrium, its applications and exceptions.
V	Mutation, Selection, Genetic drift, Gene flow/migration, Inbreeding.

After completion of this course, the students are expected to achieve the following course outcomes:

C-502: ANTHROPOLOGY IN PRACTICE

Unit	Course Outcome
I	Academics and Practitioners, Applied Anthropology, Action Anthropology, Development Anthropology
II	Anthropology and Public Policy, 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	Constitutional Provisions, Evaluation, Planning and Development of Indian Populations; Human Rights: Human rights of special category and marginal groups; Emerging trends of human rights
V	Bio-social elements of human development; Forensic Anthropology in judicial settings; Population Dynamics and relationships with various aspects of culture; Bio-social counseling of an individual or population

After completion of this course, the students are expected to achieve the following course outcomes:

DSE-501: ADVANCED ARCHEOLOGY

Unit	Course Outcome
I	Understanding Culture: Technique of tool manufacture; Classification of tools; Typology and cultural nomenclature.
II	Classificaion of Prehistoric Cultures: Palaeolithic, Mesolithic and Neolithic cultures of Europe; Palaeolithic, Mesolithic and Neolithic cultures of India.
III	Megalihitic culture: India; Northeast India.
IV	Chalcolithic Culture in India: Ahar; Malwa; Jorwa.
V	Urban Culture: Emergence of urban culture; Characteristics culture of urban civilization; Urban Culture in India

After completion of this course, the students are expected to achieve the following course outcomes:

DSE-502: TRIBAL CULTURES OF INDIA

Unit	Course Outcome
I	Concept of tribes and its problematic nature, General and specific characteristics of tribes; Tribes in India: Historical, academic, administrative and anthropological importance.
II	Tribe-caste continuum; Constitutional safeguard/provisions; Distribution of tribes in India.
III	Nomenclature- emic and etic differences; Classification of tribes based on their economy, occupation and religion, racial elements among the tribes.
IV	Tribal movements; Tribal monographs; Problems of tribal development.
V	Forest policies and tribes; Migration and occupational shift; Tribal arts and aesthetics; Displacement, rehabilitation and social change; Globalization among Indian tribes.

After completion of this course, the students are expected to achieve the following course outcomes:

SEMESTER-VI

C -601: APPLIED PHYSICAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Anthropometry and its' importance in Anthropology; Anthropometry and Operational Designing.
II	Forensic Anthropology; Scope and applications of Forensic Anthropology.
III	Kinanthropology and its' importance in Anthropology, Anthropology of sports.
IV	Demographic concepts and importance of population studies in Anthropology.
V	Human genetics and its' importance in Anthropology.

C-602: ANTHROPOLOGY OF INDIA

Unit	Course Outcome
I	Origin, history and development of Anthropology in India; approaches to study Indian society and culture.
II	Understanding the diversity of Indian social structure.
III	Critical appraisal of contribution of Risley, Guha, and Sarkar towards understanding ethnic distinctness in the Indian populations.
IV	Aspects of Indian Village –social organisation, agriculture and impact of market economy on villages; Tribal situation in India.
V	Impact of culture-contact, urbanization and industrialization on tribal and rural population.

After completion of this course, the students are expected to achieve the following course outcomes:

DSE-601: INDIAN ARCHAEOLOGY

Unit	Course Outcome
I	Technique of tool manufacture, Classification and Typology of tools
II	Pleistocene chronology of India
III	Palaeolithic and Mesolithic culture
IV	Neolithic culture
V	Urban culture

After completion of this course, the students are expected to achieve the following course outcomes:

DSE-602: DISSERTATION/ PROJECT WORK

Unit/ Group	Course Outcome
A	Field Selection, Field Work, Data Collection, etc.
B	Data Analysis and write a field report on the basis of data collected in field work.
C	Field report on the basis of data collected in field work on a specific topic like Social structure; Economic life; Political organisation; Youth dormitory /club; Beliefs, Rites and Rituals; Arts and crafts, dress and ornaments, fairs and festivals; etc.

After completion of this course, the students are expected to achieve the following course outcomes:

**DEPARTMENT OF ANTHROPOLOGY
GURUCHARAN COLLEGE, SILCHAR**

**Programme Specific Outcomes for TDC (CBCS) Anthropology Pass Course
(General Elective having Honours in other Disciplines and B.A. / B.Sc. Pass Course with Anthropology)**

After completion of this course, the Anthropology students (GE: Students are having Honours in other disciplines; DSC & SEC: Students are doing B.A. / B.Sc. with Anthropology) are expected to achieve the following Programme Specific Outcomes (PSOs):

PSO1	To develop a conceptual understanding of Anthropology
PSO2	To gain practical knowledge on different dimensions of Anthropology like Biological, Socio-Cultural and Archaeological Anthropology
PSO3	To develop basic understanding on Socio-Cultural Anthropology in details and also to enhance knowledge on Public Health and Epidemiology
PSO4	To develop basic understanding on Archaeological Anthropology and also to enhance knowledge on Tourism Anthropology
PSO5	To develop the concepts on Advanced Archeology and Applied Physical Anthropology
PSO6	To understand the Indian Archaeology and enhance knowledge on field work, data collection to prepare a field report.

SEMESTER-I

GE/DSC-101: INTRODUCTION TO ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Meaning, scope and history of Anthropology; Branches of Anthropology; Relationship among various branches of Anthropology; Relationship of Anthropology with allied disciplines
II	Meaning, scope and branches of Physical Anthropology; Modern trends in Physical Anthropology; General study of Human Skeleton
III	Man's place in animal kingdom; Mammals: Characteristics and classification; Primates: Characteristics and classification
IV	Meaning and scope of Prehistoric Archaeology; Concept of Prehistory, Proto history, History; Relationship of Archaeology, Palaeoanthropology and Ethno-archaeology; Relationship of Prehistoric Archaeology with other branches of Anthropology
V	Meaning, scope and branches of Socio-cultural Anthropology; Culture: Concept and characteristics; Society: Concept and characteristics

SEMESTER-II

GE/DSC-201: ANTHROPOLOGY PRACTICAL –I (BIOLOGICAL, CULTURAL AND ARCHAEOLOGICAL)

After completion of this course, the students are expected to achieve the following course outcomes:

Unit/ Group	Course Outcome
A	Physical/ Biological Anthropology: Somatometry; Somatoscopy; Craniometry; Osteometry.
B	Socio-Cultural Anthropology: Identification, description & methods of manipulation of technological specimens.
C	Archaeological Anthropology: Typo-technological Analysis of Prehistoric Tools.

SEMESTER-III

GE/DSC-301: INTRODUCTION TO SOCIO-CULTURAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Culture, Society, civilization; Status and role; Social Stratification and caste system.
II	Aspects of culture: Material and non-material; Components of culture: Culture traits, culture complex and culture area; Cultural Processes: Enculturation, transculturation, contraculturation and acculturation
III	Marriage: Definition, forms of marriage, rules of marriage, modes of mate selection, residence after marriage. Family: Definition, origin, characteristics, types, functions.
IV	Kinship: Definition, types, kinship terminology, kinship usages; descent- rules of descent. Kinship based groups: Lineage and clan- definition, characteristics, types and functions.
V	Concept and types of property in simple societies, inheritance of property. Concept and types of political organizations in simple societies, concept of power and authority.

SEC-301: PUBLIC HEALTH AND EPIDEMIOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Definition and goals of public health; definition and objectives of epidemiology; historical development of epidemiology
II	Experimental studies; cohort studies; case control studies; and other types of studies
III	Introduction; causes of pollution; effects of pollution; global health
IV	Assessing health status in population; determinants of health: individual lifestyle factors, social and community networks, general socio-economic culture and environmental conditions
V	Prevention and control of disease: principles of prevention, intervention strategies, health promotion and health education, control of infectious diseases, immunization

SEMESTER-IV

GE/DSC-401: ARCHAEOLOGICAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Methods of Studying Prehistoric Archaeology.
II	Methods of Estimation of Time and Reconstruction of the Past.
III	A. Geochronology of Pleistocene Epoch; B. Evidences of Prehistoric Culture.
IV	Prehistoric Tool Typology and Technology
V	Cultural Chronology: Three Age System

SEC-401: TOURISM ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Definition, Growing potential of Tourism, Relationship between Tourism and Recreation, Demand for Tourism and Recreation
II	International Perspective, Cultural Landscape of Tourism, Landscape and Place.
III	Origin and Concept, Classification, Economic trends in Tourism and Application.
IV	Inbound Tourism, Outbound Tourism, Incentive Tourism, Religious Tourism, Adventure Tourism, Medical Tourism, Cultural Tourism, Ethnic or Nature Tourism.
V	World Tourism Organisation, International Air Transport Association (IATA), Pacific Asia Travel Association (PATA), American Society of Travel Agents (ASTA), International Civil Aviation Organisation.

SEMESTER-V

DSE-501: ADVANCED ARCHEOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Understanding Culture: Technique of tool manufacture; Classification of tools; Typology and cultural nomenclature.
II	Classificaion of Prehistoric Cultures: Palaeolithic, Mesolithic and Neolithic cultures of Europe; Palaeolithic, Mesolithic and Neolithic cultures of India.
III	Megalihitic culture: India; Northeast India.
IV	Chalcolithic Culture in India: Ahar; Malwa; Jorwa.
V	Urban Culture: Emergence of urban culture; Characteristics culture of urban civilization; Urban Culture in India

SEC -501: APPLIED PHYSICAL ANTHROPOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Anthropometry and its' importance in Anthropology; Anthropometry and Operational Designing.
II	Forensic Anthropology; Scope and applications of Forensic Anthropology.
III	Kinanthropology and its' importance in Anthropology, Anthropology of sports.
IV	Demographic concepts and importance of population studies in Anthropology.
V	Human genetics and its' importance in Anthropology.

SEMESTER-VI

DSE-601: INDIAN ARCHAEOLOGY

After completion of this course, the students are expected to achieve the following course outcomes:

Unit	Course Outcome
I	Technique of tool manufacture, Classification and Typology of tools
II	Pleistocene chronology of India
III	Palaeolithic and Mesolithic culture
IV	Neolithic culture
V	Urban culture

SEC-601: DISSERTATION/ PROJECT WORK

After completion of this course, the students are expected to achieve the following course outcomes:

Unit/ Group	Course Outcome
A	Field Selection, Field Work, Data Collection, etc.
B	Data Analysis and write a field report on the basis of data collected in field work.
C	Field report on the basis of data collected in field work on a specific topic like Social structure; Economic life; Political organisation; Youth dormitory /club; Beliefs, Rites and Rituals; Arts and crafts, dress and ornaments, fairs and festivals; etc.