

Course Distribution
(Odd Semester-1st, 3rd & 5th Semester)
Department: Anthropology, North Gauhati College.

FYUGP-Semester-I (Major & Minor)
Paper Name: FOUNDATIONS OF ANTHROPOLOGY
Paper Code: ANT 010104, Total Credits: 04, Theory-03, Practical-01
PART-I (THEORY),
Total Credits-03

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Unit I: (i) Meaning, scope and development of Anthropology. Anthropological perspective and orientation: Ethnocentrism and Relativism. Relationship of Anthropology with other disciplines - Social Science, Behavioural Science, Life Science, Medical Science, and Earth Sciences. (ii) Main branches of Anthropology, scope and relevance: Socio-Cultural Anthropology, Biological Anthropology, Archaeological Anthropology and Linguistic Anthropology.	Dr. Ripunjoy Sonowal	Unit-I (i & ii) (Theory)
02.	Unit II: (i) Concept and Nature of Society: Social Institutions (Family, Kinship and Marriage); Social Stratification. (ii) Concept and Definition of Culture: Culture trait, Culture complex and Culture area. Tangible and Intangible Culture; Culture and Civilization. Culture change: Forces and Factors of Culture change.	Dr. Anup Hazarika	Unit-II (i & ii) (Theory)
03.	Unit III: (i) Man's place in Animal Kingdom, Classification and characteristics of living primates, Human and Non – Human primates – Comparative Anatomy and Behaviour. (ii) Evolutionary stages of man in the light of fossil evidences: Ardipithecus, Australopithecus, Homo Habilis, Homo Erectus, Archaic man and Neanderthal, modern man. (iii) Human skeletal morphology: Cranial osteology, Post-Cranial osteology and dentition.	Dr. Avijit Boruah	Unit-III (i & ii) (Theory)
04.	UNIT-IV: (i) Definition and scope of Archaeological Anthropology: Ethnoarchaeology and New Archaeology, Relation with other disciplines. Division of Prehistoric Period: Stone Age and Metal Age; Lower Palaeolithic, Middle Palaeolithic and Upper Palaeolithic, Mesolithic, Neolithic (Characteristics features of the period in general). (ii) Geological Time Scale, Geochronology of Pleistocene Epoch, Plio-Pleistocene Boundary, Glacial and Inter-Glacial, Pluvial and Inter Pluvial, Different Types of Geo-climatic Events.	Dr. Lalit Shrestha	Unit-IV (i & ii) (Theory)

PART-II (PRACTICAL)
Total Credits:01

Sl. No.	Course Content	Name of the Faculty	Remarks
01.	UNIT- V-1.Osteology: Drawing, Description and Identification of the following Bones: Cranial bones Frontal, Parietal, Occipital, Maxilla, Zygomatic, Mandible, Sphenoid; Long bones - Humerus, Radius, Ulna, Femur, Tibia, Fibula; Scapula, Clavicle, Pelvis, Sternum, Vertebral Column. Sides to be identified for paired bones.	Dr. Avijit Boruah	Unit-V-1 (Practical)
02.	UNIT V: 2. Osteometry: Measurement of long bones Femur: Absolute length, Physiological length, Middle shaft	Dr. Ripunjoy Sonowal	Unit-V-2 (Practical)

diameter Humerus: Maximum Length, Bi-Condylar breadth, Least circumference of shaft, Caliber index Ulna: Maximum length, Physiological length, Least circumference of the shaft, Breadth of Olecranon Radius: Maximum length, Physiological length, Least circumference of shaft, Breadth of Olecranon Tibia: Maximum length, Physiological length, Proximal epiphysial (Bicondylar) breadth, Minimum transverse diameter at the middle. Fibula: Maximum length, Upper epiphysial breadth, Lower epiphysial breath and Caliber index.		
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FYUGP-Semester-I-(SEC)

Paper Name: ANTHROPOLOGICAL TOURISM

Paper Code: ANT 0100303, Total Credits: 3, Theory-02, Practical-01

PART-I (THEORY)

Total Credit-02

Sl. No	Course Content	Name of the Faculty	Remarks
01.	<u>Unit-I:</u> Tourism: Concept & Definition. Concept of tourism in Anthropology, History & development, Aspects & prospects of tourism in India with special reference to N. E. India. Role of anthropology in tourism planning.	Dr. Anup Hazarika	Unit-I (Theory)
02.	<u>Unit-II:</u> Socio Cultural impact of tourism. Tourism as a mechanism of Cross-cultural interaction, Tourism & the commoditization of culture or cultural degradation, Role of symbolism & semiotics in tourism.	Dr. Lalit Shrestha	Unit-II (Theory)
03.	<u>Unit-III:</u> Recent trends in tourism: Cultural tourism, Eco-tourism, Rural Tourism, Religious tourism, sustainable tourism, ethnic tourism, Role & function of tourist guide.	Dr. Anup Hazarika	Unit-III (Theory)
04.	<u>Unit-IV:</u> Architectural heritage & tourism: Kamakhya, Charaideo, Hayagriva-Madhava, Surya-Pahar, Madan Kamdev, Tourist festivals based on ethnic Culture: Jonbil Mela, Hornbil festival	Dr. Lalit Shrestha	Unit-IV (Theory)

PART-II (PRACTICAL)

Total Credits:01

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Project Report on any one-Religious tourism/Tribal tourism/Eco-tourism/Cultural tourism/Ethno-cultural tourism	Dr. Anup Hazarika Dr. Lalit Shrestha	Practical

FYUGP-Semester-III (Major & Minor)

Paper Name: FIELDWORK TRADITION AND METHODOLOGY

Paper Code: ANT 030104, Total Credits: 04, Theory-02, Practical-02

PART-I (THEORY), Total Credits-02

Sl. No	Course Content	Name of the Faculty	Remarks
01.	<u>Unit I:</u> History of Anthropological field work in the 19th century. Early systematic fieldwork- Torres Strait Expedition. Founding fathers of Fieldwork- Bronislaw Malinowski, A.R. Radcliffe -Brown	Dr. Lalit Shrestha	Unit-I (Theory)
02.	<u>Unit II:</u> Types of Research Design- Exploratory, Descriptive and Experimental. Formulation of research problem, hypothesis, review of literature, conceptual framework and bibliography.	Dr. Ripunjoy Sonowal	Unit-II (Theory)
03.	<u>Unit III:</u> Fieldwork Techniques and Methods- Observation, Interview, Survey schedule, Case study, Focus Group Discussion, Genealogical method.	Dr. Anup Hazarika	Unit-III (Theory)
04.	<u>UNIT IV:</u> Basic Statistics: Variables, Tabulation and Presentation of data; Descriptive Statistics: Measures of Central Tendency (Mean, Median, Mode), Measures of Variation (Standard Deviation, Coefficient of Variation).	Dr. Avijit Boruah	Unit-IV (Theory)

PART-II(PRACTICAL), Total Credits:02

Sl. No.	Course Content	Name of the Faculty	Remarks
01.	<u>UNIT V: PRACTICAL</u> Students will undertake field work in a nearby setting for five days. During the period they will study the socio-cultural aspects and material culture of the people and submit a field report.	Dr. Avijit Boruah Dr. Anup Hazarika Dr. Lalit Shrestha Dr. Ripunjoy Sonowal	Unit-V (Practical)

FYUGP-Semester-III (Major)

Paper Name: ECOLOGICAL ANTHROPOLOGY – BIOLOGICAL & CULTURAL DIMENSIONS

Paper Code: ANT 030204, Total Credits: 04, Theory-04, Practical-NIL

Sl. No	Course Content	Name of the Faculty	Remarks
01.	<u>Unit I:</u> Ecological Anthropology: Definition, concept and methodology; biotic and abiotic component. Problems related to Environmentalism and future directions. Ethno-ecology, Indigenous Knowledge and Conservation strategies.	Dr. Ripunjoy Sonowal	Unit-I (Theory)
02.	<u>Unit II:</u> Culture as a tool of adaptation: Hunting and food-gathering, fishing, pastoralism, horticulture, shifting cultivation, settled cultivation. ManEnvironment relationship: Environmental Determinism, Environmental Particularism, Cultural Materialism	Dr. Lalit Shrestha	Unit-II (Theory)
03.	<u>Unit- III:</u> (i) Bio-cultural adaptation to environmental stresses: Eco sensitivity, acclimation, acclimatization, adaptation, heat, cold and altitude. Homeostasis and thermoregulation. Ecological rules and their applicability among human beings (Gloger's, Allen's and Bergmann's rule). (ii) Bio-cultural factors influencing the diseases and nutritional status. Evolution of Human diet.	Dr. Avijit Boruah	Unit-III (Theory)

04.	UNIT-IV: Impact of urbanization and industrialization on man: Pollution (land, air, water, chemical, noise); population pressure, deforestation, climate change and environmental disasters.	Dr. Anup Hazarika	Unit-IV (Theory)
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FYUGP-Semester-III (SEC)

Paper Name: Culture and Heritage of North East India

Paper Code: ANT 0300403, Total Credits: 3, Theory-02, Practical-01

PART-I (THEORY)

Total Credit-02

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Unit-I: Culture and Heritage: a) Definition and Characteristics of Culture b) Tangible and intangible heritage, Tangible, intangible Oral and Living traditions. c) Tai-Phake or Phakial culture	Dr. Avijit Boruah	Unit-I (Theory)
02.	Unit-II: Colonial Heritage and UNESCO Heritage Sites in Northeast India, a) Satribari Christian Hospital, 1926, b) Assam Medical College, Digboi Oil Refinery, Charaideo Maidams. Garo-Hills c) Apatani Cultural landscape,	Dr. Ripunjoy Sonowal	Unit-II (Theory)
03.	Unit-III: Traditional Performing Art as Intangible Heritage a) Folk Dance-- Bagurumba Hozagiri, Wangala, Bamboo dance, Zeliang dance, Dhol Dholak Chalom. b) Folk Theatre: Oja Pali, Dhuliya and Khuliya-bhaoriya, Puppetry, -Kushan Gan Shumang Leela, Bharigaan. Gahon c) Folk Song- Goalpara folk song, Nongthang Leima' Lullabies, e) Oral Folk Literature-Lyrics, Ballads, Dakar Bachan, Folk tales.	Dr. Avijit Boruah	Unit-III (Theory)
04.	Unit-IV: Neo-Vaishnavite Cultures- Majuli a) Satra and Namghar b) Ankiya Bhaona and Satriya Nritya	Dr. Ripunjoy Sonowal	Unit-IV (Theory)

PART-II (PRACTICAL)

Total Credits:01

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Project Report on	Dr. Avijit Boruah Dr. Ripunjoy Sonowal	Practical

FYUGP-Semester-V(Major)

Paper Name: Social and Cultural Anthropology: ANTHROPOLOGICAL THEORIES AND THOUGHTS(Compulsory)

Paper Code: ANT 050104

Total Credits: 04, Theory-04, Practical-NIL

PART-I (THEORY), Total Credits-04

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Unit I: Theories of Evolutionism (E. B. Tylor, J. G. Frazer and Morgan), Diffusionism and Culture area theories; Historical Particularism (Franz Boas); Neo-evolutionism (V. Gordon Childe, Leslie White, Julian Steward)	Dr. Anup Hazarika	Unit-I (Theory)
02.	Unit II: Durkheim and social integration; Functionalism (Bronislaw Malinowski), Structural-functionalism (A. R. Radcliffe-Brown, Raymond Firth and S. F. Nadel)..	Dr. Anup Hazarika	Unit-II (Theory)
03.	Unit III: Structuralism (Claude Levi-Strauss and E. R. Leach). Culture and Personality (Ruth F. Benedict, Margaret Mead and Cora Du-Bois). Cultural materialism (Marvin Harris).	Dr. Anup Hazarika	Unit-III (Theory)
04.	UNIT IV: Cognitivism- Emicism and Eticism	Dr. Anup Hazarika	Unit-IV (Theory)

FYUGP-Semester-V (Major)

Paper Name: Physical Anthropology (Elective 1): HUMAN POPULATION GENETICS

Paper Code: ANT 050204

Total Credits: 04, Theory-03, Practical-01

PART-I (THEORY), Total Credits-03

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Unit I: Meaning and scope of human population genetics.	Dr. Avijit Boruah	Unit-I (Theory)
02.	Unit II: Genetic background: Landmarks in the history of genetics. Mendel's laws of inheritance: Segregation and independent assortment; Dominant and recessive genes. Single locus (Mendelian) and Multi-locus (Quantitative/complex) inheritance. Other forms of inheritance: Codominant, Sex linked, Sex limited, Sex controlled, epistasis, penetrance and expressivity, cytoplasmic inheritance.	Dr. Avijit Boruah	Unit-II (Theory)
03.	Unit III: Ecological genetics and polymorphism. Phenotypic and genotypic polymorphism (Models explaining maintenance of genetic polymorphism: Sickle cell and malaria, X-linked polymorphism, selection due to infectious diseases, association with blood groups). Transient polymorphism, balanced polymorphism.	Dr. Avijit Boruah	Unit-III (Theory)
04.	UNIT IV: Hardy-Weinberg principle: Concept, assumptions, application and exceptions.	Dr. Avijit Boruah	Unit-IV (Theory)
05.	UNIT V: Dynamics of gene frequencies: Mutation, Natural Selection, Genetic drift (bottle neck and founder's effect), Gene flow and Inbreeding.	Dr. Avijit Boruah	Unit-V (Theory)
06.	UNIT-VI: Population Structure and admixture in human	Dr. Avijit Boruah	Unit-VI (Theory)

	population. Random and nonrandom mating (positive and negative assortative mating), heritability.		
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PART-II(PRACTICAL), Total Credits:01

Sl. No.	Course Content	Name of the Faculty	Remarks
01.	<p align="center"><u>UNIT VII: PRACTICAL</u></p> <p>a. Serology: ABO and Rh(D) Blood group. Students should determine ABO and Rh(D) blood group of five subjects following standard procedure.</p> <p>b. Sense Perception: Colour blindness and PTC taste sensitivity (Students should test colour blindness and tasting ability of PTC of at least five subjects.)</p> <p>c. Physiological measures: Blood pressure and pulse rate.</p> <p>d. Dermatoglyphics: Students should take finger and palm prints of at least five subjects and identify the finger patterns and mainline formula.</p>	Dr. Avijit Boruah	Unit-VII (Practical)

FYUGP-Semester-V

(Major)

Paper Name: Prehistoric Archaeology: PREHISTORIC CULTURES

Paper Code: ANT 050404

Total Credits: 04, Theory-03, Practical-01

PART-I (THEORY), Total Credits-03

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Unit I: Prehistoric cultural development in Europe: Lower Palaeolithic, Middle Palaeolithic, Upper Palaeolithic and associated fossil evidences.	Dr. Lalit Shrestha	Unit-I (Theory)
02.	Unit II: Prehistoric cultural development in Africa: Lower Palaeolithic, Middle Palaeolithic, Upper Palaeolithic and associated fossil evidences.	Dr. Lalit Shrestha	Unit-II (Theory)
03.	Unit III: Prehistoric cultural development in Asia: Chukoutien (Peking man), Patjitanian (Java man) and Hoabinhian.	Dr. Lalit Shrestha	Unit-III (Theory)
04.	UNIT IV: Prehistoric art: Meaning, types, motifs, chronology and distribution in Europe and India.	Dr. Lalit Shrestha	Unit-IV (Theory)

PART-II(PRACTICAL), Total Credits:01

Sl. No.	Course Content	Name of the Faculty	Remarks
01.	<p align="center"><u>UNIT V: PRACTICAL</u></p> <p>Application of Remote sensing and GIS in Prehistoric Archaeology:</p> <p>(a) Visual Interpretation Techniques/Keys.</p> <p>(b) Visual interpretation of Aerial photography; identification and mapping of cultural features from aerial photography.</p> <p>(c) Identification and drawing of physical and cultural features from satellite imagery.</p>	Dr. Lalit Shrestha	Unit-V (Practical)

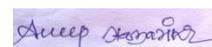
FYUGP-Semester-V (Major)

Paper Name: ECOLOGICAL ANTHROPOLOGY – BIOLOGICAL & CULTURAL DIMENSIONS

Paper Code: ANT 050504, Total Credits: 04, Theory-04, Practical-NIL

PART-I (THEORY), Total Credits-04

Sl. No	Course Content	Name of the Faculty	Remarks
01.	Unit I: Ecological Anthropology: Definition, concept and methodology; biotic and abiotic component. Problems related to Environmentalism and future directions. Ethno-ecology, Indigenous Knowledge and Conservation strategies.	Dr. Ripunjoy Sonowal	Unit-I (Theory)
02.	Unit II: Culture as a tool of adaptation: Hunting and food-gathering, fishing, pastoralism, horticulture, shifting cultivation, settled cultivation. Man Environment relationship: Environmental Determinism, Environmental Particularism, Cultural Materialism.	Dr. Ripunjoy Sonowal	Unit-II (Theory)
03.	Unit III: (i) Bio-cultural adaptation to environmental stresses: Eco sensitivity, acclimation, acclimatization, adaptation, heat, cold and altitude. Homeostasis and thermoregulation. Ecological rules and their applicability among human beings (Gloger's, Allen's and Bergmann's rule). (ii) Bio-cultural factors influencing the diseases and nutritional status. Evolution of Human diet.	Dr. Ripunjoy Sonowal	Unit-III (Theory)
04.	UNIT IV: Impact of urbanization and industrialization on man: Pollution (land, air, water, chemical, noise); population pressure, deforestation, climate change and environmental disasters.	Dr. Ripunjoy Sonowal	Unit-IV (Theory)



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