

**DEPARTMENT OF ANTHROPOLOGY**  
**MORIGAON COLLEGE**  
**TEACHING PLAN**  
**2024-25**

## TEACHING PLAN -2024-25

**Name of the Teacher : Dr. Nilofar Jasmin**

Semester -I

Unit/Topic	Paper	Activities	Max.Time
<b>UNIT IV:</b>  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 Geoclimatic Events.	<b>Course I: FOUNDATIONS OF ANTHROPOLOGY</b> Objectives This course: 1. Gives an understanding of the basic concepts in Anthropology and all its sub-branches. Students will learn about the meaning, scope and development of the subject and its relationship with other disciplines. 2. Introduces concepts of Society and Culture; and their role in shaping human lives. 3. Provides an understanding of the position of human in relation to other organisms and the distinctiveness and diversity of human beings in time and space. 4. Provides a preliminary understanding of the prehistoric and archaeological background of human culture in the evolutionary context.	Lecture, Power -point presentation Class test	<b>12 days</b>

## DEPARTMENT OF ANTHROPOLOGY TEACHING PLAN

**Name of the Teacher : Dr. Nilofar Jasmin**

SEMESTER -III

Unit/Topic	Course	Activities	Max.Time
Unit I: 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.	<b>Course III – FIELDWORK TRADITION AND METHODOLOGY</b> Course Objectives This course will focus on: 1. Enable to learn the process of undertaking an effective ethnographic fieldwork as a key strategy in Anthropology. 2. Help in learning the field methods and techniques of conducting ethical anthropological research.	Lecture, Assignment Power point	<b>12 days</b>

## TEACHING PLAN

**Name of the Teacher : Dr. Nilofar Jasmin**

SEMESTER V

Unit/Topic	Courses	Activities	Max.Time
Unit IV: Mechanism for dynamics in Gene Frequency: Mutation, selection (pattern and mechanism), Genetic drift (bottle neck and founder effect), Gene flow/migration, inbreeding and its consequences.	<b>ANT-HC-5016 Human Population Genetics Credit 6 (Theory: 4; Practical: 2)</b> <b>COURSE OBJECTIVE:</b> Provide an understanding of measuring changes in human population. <b>COURSE OUTCOME:</b> <ul style="list-style-type: none"> <li>Students will learn about mechanisms which create variation in gene frequencies.</li> <li>Students will learn the method of assessing gene frequency variation.</li> <li>Students will learn how ecological factors which help maintain gene frequencies.</li> </ul>	Lecture, Black board, Handsout	10 days
Unit II: Role of Anthropology in Development Anthropology and Public Policy, Need Assessment and Community Development, Anthropology of NGO's, Management Anthropology, Environment and Community Health, Social and economic sustainability, Cultural resource management.	<b>ANT-HC-5026 Anthropology in Practice Credit 6 (Theory: 4; Practical: 2)</b> <b>COURSE OBJECTIVE:</b> To impart knowledge about the applied aspects of Anthropology. <b>COURSE OUTCOME</b> <ul style="list-style-type: none"> <li>The knowledge of Applied Anthropology, Action Anthropology and Role of Anthropology in Development</li> <li>Student will gain knowledge of recent trend of Anthropology.</li> </ul>	Lecture, Assignment	15 days
Unit III: Future Dynamics in Anthropology Trends in Anthropology: Anthropology of Tourism, Anthropology In Census; Designing and Fashion, Visual Anthropology		Lecture, Black board Class test	25 days
Unit I: Prehistoric India: Pleistocene chronology of India: A critical assessment	<b>ANT-HE-5016 Indian Archaeology Credit 6 (Theory: 4; Practical: 2)</b> <b>COURSE OBJECTIVE:</b> The broad objective of the course is to acquaint the students with the prehistoric background of the country both from theoretical and practical perspective. <b>COURSE OUTCOME:</b> The students will be	Lecture, Assignment	06 days
Unit II: Character, distribution and interpretation of habitat and economy of the following cultures of India: i. Lower palaeolithic ii. Middle palaeolithic iii. Upper palaeolithic iv. Mesolithic culture v. Neolithic Culture		Lecture,	25 days
Unit III: Bronze Age culture in Indus Basin: Harappan Civilization: Sites, Artifacts, Town planning and Architecture, Trade and Commerce and Causes of declination.		Black board, Recorded powerpoint	class, 06 days

## TEACHING PLAN

**Name of the Teacher : Dr. Nilofar Jasmin**

SEMESTER II

<b>UNIT IV:</b> (i) Methods of studying Archaeological Anthropology: Archaeological, Paleontological and Geological methods of classification, Methods of Field Archaeology, Basic Idea of Exploration and Excavation, Concept of Site, Artifact, Culture and Industry. Concept of Tools and Pottery, Concept of Ethno-Archaeology, New Archaeology and Cultural Resource Management (CRM). (ii) Methods of Estimation of Time and Reconstruction of the Past. Absolute Dating Methods (Radio Carbon, Potassium Argon, Thermoluminescence, Dendrochronology), Relative Dating Methods (Stratigraphy, Typology, Patination, Palynology, Fluorine Analysis).	<b>Course II: FUNDAMENTALS OF ANTHROPOLOGY</b> <b>Course Objectives</b> This course will focus on: 1. The basic concepts and methods of Socio-Cultural Anthropology and their changes with time. 2. The nature, meaning and evolution of economic, political and religious institutions. 3. The evolutionary process and the various aspects of variations. 4. The methods and techniques of Prehistoric Archaeology, concept of prehistoric chronology and practical understanding of tools.	Lecture, Class test	<b>15 days</b>
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## TEACHING PLAN

**Name of the Teacher : Dr. Nilofar Jasmin**

Semester IV

<b>Unit/Topic</b>	<b>Course</b>	<b>Activities</b>	<b>Max.Time</b>
<b>Full Paper</b>	<b>Course VI: PREHISTORIC ARCHAEOLOGY: ARCHAEOLOGICAL ANTHROPOLOGY</b> <b>Course Objectives :</b> This course will focus on: 1. Providing an understanding of the evolution of tool typology and tool making technology of prehistoric period. <b>Attributes/Outcomes</b> 1. Students will be acquainted with how the early man invented & gradually developed technology to prepare different types of tools for interaction and adaptation to environment. 2. Students will learn through experiential learning, how archaeological sites and cultural resources / materials are preserved.	Lecture, Class test Power point classes	<b>45 days</b>

<b>UNIT-II: Future Dynamics in Anthropology: Trends in Applied Anthropology – Medical Anthropology, Media and Communication, Anthropology of Tourism, Anthropology in Census, Designing and Fashion, Visual Anthropology.</b>	<b>Course VII: ANTHROPOLOGY IN PRACTICE Course</b> <b>Objectives</b> 1. To impart knowledge about the applied aspects of Anthropology	Lecture Black board, Power Point Practical	<b>15 days</b>
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<p>Unit IV: Megalithic Cultures in India with special reference to Northeast India.</p>	<p>familiar with the rich prehistoric past of the country.</p> <ul style="list-style-type: none"> <li>• The students will understand the prehistoric foundation on which the later course of history in the country developed</li> </ul>	<p>Lecture, Blackboard, Discussion</p>	<p><b>10 days</b></p>
<p>Unit V: Important Excavated Archaeological Sites of North East India:</p> <p>Daojali Hading Selbalgre Ambari Sarutaru Parsi Parlo.</p>			<p><b>10</b></p>
<p><b>Practical</b></p> <ol style="list-style-type: none"> <li>1. Identification of tools: (a) Handaxe varieties, chopper/chopping tools (f) End scrapers (b) Cleaver varieties (g) Borers (c) Side scraper varieties (h) Microlithic tools (d) Knives (i) Bone tools (e) Burins</li> <li>2. Application of Remote Sensing and GIS in Prehistoric Archaeology.</li> <li>3. • Visual Interpretation Techniques/Keys • Visual Interpretation of Aerial Photograph: Identification and mapping of cultural features from aerial photographs.</li> <li>4. • Identification and Drawing of Physical and Cultural features from satellite imagery.</li> </ol>		<p>Practical, Invited Lecture,</p>	<p><b>75</b></p>

**SEC- Papers**  
**1<sup>st</sup> Sem**

<p>Unit I: Tourism- aspects and prospects, Definition and Concept History and Development of Tourism anthropology , Authenticity Issues. Tourism and the commoditization of culture or cultural degradation .</p> <p>Unit III role of symbolism and semiotics in tourism.</p> <p><b>Practical</b> Will visit tourist place or will collect data on tourism resources of the area to prepare a report.</p>	<p><b>ANT-SE :Tourism Anthropology</b> <b>Credit: 4 (2+2)</b></p> <p><b>COURSE OBJECTIVE:</b> To understand the anthropological perspective of tourism in the current context.</p> <p><b>COURSE OUTCOME:</b></p> <ul style="list-style-type: none"> <li>• The students will learn about the socio-cultural background of developing tourism</li> <li>• The students will learn the basics of eco-tourism and heritage tourism in the current situation</li> </ul>	<p>Lecture, Assignment</p>	<p><b>10 days</b></p>
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**Theory =30**

**Practical =15**

**DEPARTMENT OF ANTHROPOLOGY**  
**TEACHING PLAN**

**Name of the Teacher : Dr. Nilofar Jasmin**

**Semester II**

<p>Unit I: Research Design Conceptual framework, formulation of research problem, formulation of hypothesis, Analysis and Writing Up</p> <p>1. 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.</p> <p><b>Practical</b> <b>Practical</b></p> <p>1. Project report writing- preparation of research problem, study design, data collection techniques, analysis and report writing</p>	<p><b>ANT-HC-4036 Research Methods Credit 6 (Theory: 4; Practical: 2)</b></p> <p><b>COURSE OBJECTIVE:</b> To impart knowledge on research design formulation, fieldwork tradition, methods and techniques of data collection and ethics of research.</p> <p><b>COURSE OUTCOME:</b></p> <p>The knowledge on formulation of research design, application of methods and techniques in data collection will be obtained.</p> <ul style="list-style-type: none"> <li>• The ethics of research will be understood for an effective research study</li> </ul>	<p>Lecture, Assignment</p> <p>Lecture, Class test</p> <p>Power point presentation</p> <p>Power -point pres</p> <p>Black board</p> <p>Class test</p>	<p><b>15 days</b></p> <p><b>25 days</b></p> <p><b>15 days</b></p>
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## TEACHING PLAN

**Name of the Teacher : Dr. Nilofar Jasmin**

Semester VI

<p>UnitII: Basic Human Skeletal Biology, Identification of Human and Non-Human Skeletal remains, Ancestry, age, sex and stature estimation from bones, Discovery and techniques for recovering skeletonized Human Remains.</p>	<p><b>ANT-HC-6016 Forensic Anthropology Credit 6 (Theory: 4; Practical: 2)</b>  <b>COURSE OBJECTIVE:</b> Provide an understanding of the forensic aspect of anthropology.  <b>COURSE OUTCOME</b></p> <ul style="list-style-type: none"> <li>• Students will learn about distinguishing human from non-human skeletal remains.</li> <li>• Students will learn about the techniques of making personal identification.</li> </ul>	<p>Lecture,</p>	<p><b>15 days</b></p>
<p>UnitIII: Personal Identification, Complete and Partial Identification, Methods of Identification in Living Persons: Somatometry, Somatoscopy, Tattoo Marks, Fingerprints, Footprints, Handwriting, Deformities and Others.</p>		<p>Black board Class test</p>	<p><b>15 days</b></p>
<p>Unit V: Individualization: Forensic Odontology-Tooth Structure and Growth, Bite Marks, Facial Reconstruction, DNA profiling</p>			<p><b>07</b></p>

**Name of the Teacher : Dr. Nilofar Jasmin**

Unit/Topic	Paper	Activities	Max.Time
<p>UnitII: PopulationTheories 1. JohnGraunt 2. Thomas R. Malthus 3. Biological theory of population 4. Theory of demographic transition</p>	<p><b>ANT-HE-6036 Demographic Anthropology Credit 6 (Theory: 4; Practical: 2)</b>  <b>COURSE OBJECTIVE:</b> To provide an understanding of the demographic aspects of population.</p>	<p>Lecture,</p>	<p><b>10 days</b></p>
<p>Unit V: National policies 1. National Population Policy 2. National Health Policy 3. National Policy on Reproductive Health Care</p>	<p><b>COURSE OUTCOME:</b></p> <ul style="list-style-type: none"> <li>• Students will learn about the basics of demography and demographic theories.</li> <li>• Students will learn about the tools used for population change.</li> </ul>		<p><b>7 Days</b></p>

**DEPARTMENT OF ANTHROPOLOGY**  
**MORIGAON COLLEGE**  
**LESSON PLAN**

**Mr Bibeka Nanda Sarma**  
 Assistant Professor, Department of Anthropology, Morigaon College

6<sup>th</sup> semester  
**PAPER NAME :ANTHROPOLOGY OF INDIA (Credit 6 -4 Theory & 2 Practical)**  
**PAPER CODE :ANT-HG 6026**  
**Theory classes 45**

**COURSE OBJECTIVE:**

1 The broad objective of the course is to understand the racial linguistic and ethnic dimension of Indian society and the social dynamics which is constantly acting on it over the years.

**COURSE OUTCOME:**

- The students will learn about racial linguistic and ethnic dimension of Indian society.
- The students will be familiar with the anthropological situation of the country.

UNIT	THEORY PAPER	DURATION/TOTAL NUMBER OF CLASSES
1	Origin history and development of Anthropology in India approaches to study Indian society and culture -tradition and contemporary	4
	Racial and linguistic elements in Indian population	1
	Understanding the diversity of Indian social structure- concept of varna Jati caste Ashram or purushartha gender hierarchies-their economic and cultural impact	2
	Class test	1
2	Critical appraisal of contribution of Risley,Guha ,Rickstett and Sarkar towards understanding ethnic distinctness in the Indian populations	3
	Contribution of contemporary biological social and archaeological anthropologists in India	2
	Class test	1
3	Aspects of Indian Village -social organization agriculture and impact of market economy on villages	4
	Tribal situation in India -biogenetic variability linguistic and socio-economic characteristics	4
	Problems of tribal people, land alienation, indebtedness, lack of educational facilities	2
	Shifting cultivation, migration forest and tribal unemployment health and nutrition	3
	Tribal movement quest for identity	2

	Developmental projects tribal displacements and rehabilitation problem	2
	Impact of culture contact urbanization and industrialization on tribal and rural population	2
	Basic concept –Great tradition and little tradition sacred complex , Univerasalization and parochilization, Sanskritization and westernization	4
	Dominant caste, Tribe caste continuum, Nature man spirit complex	3
	Class test	1
4	Problems of exploitation and deprivation of scheduled caste/tribe and OBC	2
	Constitutional safeguard for SC and ST	1
	Class test	1

#### Assignment

1 Impact of culture contact urbanization and industrialization on tribal and rural population

2 Contribution of contemporary biological social and archaeological anthropologists in India

#### PRACTICAL:

Identify the various traits/variables which can be used in racial classifications and comment on its relevance

#### 4<sup>th</sup> SEMESTER

PAPER NAME :INDIAN SOCIETY AND CULTURE (Credit 6 -4 Theory &2 Practical)

PAPER CODE :ANT-HG 6026

Theory classes 45

#### COURSE OBJECTIVE:

1To impart knowledge of Indian societies-tribes, villages and caste situation of India

#### COURSE OUTCOME:

- The students will be acquainted with the traditional Indian social system the diverse settings and problems in India

Students will learn about the problems prospects development and government polices for tribes and villages and about the concept and issues regarding caste system in India

Unit name	Theory paper	Duration/Number of classes
1	The structure and nature of traditional Indian social system	3
	Varnasharam, Purushartha, Karma Rina and Rebirth	4
	Ethnic and linguistic elements in Indian population	3

**2T The knowledge on the interrelationship between religion, economics and political institution will be achieved**

UNIT	THEORY PAPER	DURATION/TOTAL NUMBER OF CLASSES
1	Anthropological approaches to understand religion-magic animism animatism, totemism naturalism witchcraft and sorcery	7
	Religious specialist-shaman priest mystics	4
	Overview of Anthropological theories of religion-religion as the scarcity of ecological adaptation and socialness	6
	Class test	1
2	Economic institution-principles of production, distribution and consumption in simple and complex societies, critical examination of relationship between economy and society through neo classical substantives and neo Marxist approaches	6
	Various forms of exchange-barter trade and market, forms of currencies reciprocities-generalized balanced and negative	5
3	Political institution concept of power and authority types of authority state and stateless societies-law and justice in simple and complex societies	5
	The perspectives of democracy and tolerance among and within the world diverse civilization, the meaning and source of identity in complex contemporary societies	4
	The origin of modern politics, its institution and cultures both western and non-western	3
	Class test	1
4	Interrelationship between religion politics and economy, religious conversion and movements	4
	Emergence of new religious sects in the global order	3
	Class test	1
	Previous year question paper solved	7
	Revision of all the above units	7
	Presentation on any topic	2

Assignment

**Discuss the perspectives of democracy and tolerance among and within the world diverse civilization**

**Interrelationship between religion politics and economy**

	<b>Religious minorities concept</b>	2
	<b>Unity and diversity in India and Problems of Nation building</b>	2
	<b>Class test</b>	1
2	<b>Anthropological concept of tribe</b>	1
	<b>Problems of nomenclature definition and classification of tribe</b>	2
	<b>Problems of tribal people in India</b>	2
	<b>Role of governmental and non governmental organization in tribal development</b>	
	<b>Concept of particularly vulnerable tribal groups</b>	3
	<b>Constitutional safeguards for ST</b>	2
	<b>Class test</b>	1
3	<b>Village community –Significance of village study in India</b>	3
	<b>Changes in the village community</b>	
		3
	<b>Impact of globalization on Indian villages</b>	
	<b>Caste system in India structure and characteristics</b>	3
4	<b>Varna and caste , jajmani dominant caste in India</b>	3
	<b>Caste mobility and future of caste system</b>	3
	<b>The SC in India and constitutional provisions for SC</b>	3
	<b>Class test</b>	1

**Assignment** Students are to study and make a summary of any one monographs/book from the following

- 1 A Himalayan Tribe: From Cattle to Cash
- 2 The Assamese: Religion caste and sect in an Indian village
- 3A study of culture change in two Garo villages of Meghalaya, Guwahati
- 4 Religion and society among the Coorgs of South India

#### 5<sup>th</sup> SEMESTER

#### PAPER NAME: ANTHROPOLOGY OF RELIGION, POLITICS AND ECONOMY

##### Course objectives:

To impart the knowledge of anthropological theories of religion, the economics and political institution along with their interrelationship

##### Course Outcomes:

- 1 The knowledge on the anthropological theories of religion, economics and political institution will be gained.

1<sup>st</sup> semester  
 FYUG  
 PAPER NAME: FOUNDATION OF ANTHROPOLOGY

UNIT	THEORY PAPER	DURATION/TOTAL NUMBER OF CLASSES
2	Concept of society and its nature, social institution –family ,kinship and marriage	3
	Social stratification meaning and concept in society	3
	Concept and definition of culture-culture traits, complex and culture area	3
	Tangible and intangible culture, culture and civilization	3
	Culture change-factors and forces of culture change	2
	Class test	1

Assignment: Discuss the factors and forces of culture change

1<sup>ST</sup> SEMESTER  
 SEC 0100303  
 PAPER NAME :ANTHROPOLOGICAL TOURISM  
 CREDIT 3

Unit 1	Tourism concept and definition – concept of tourism	2
	History and development , aspects and prospects of tourism in India	4
2	Socio cultural impact of tourism ,tourism as a mechanism of cross cultural interaction, Tourism and the commoditization of culture or cultural degradation	3
	Role of symbolism and semiotics in tourism	2

Practical Project report on any one religious tourism/tribal tourism/ecotourism/cultural tourism/ethno cultural tourism.

HS 2<sup>ND</sup> YEAR

UNIT NO	NAME OF THE UNIT	CLASS DURATION
5	Concept of economic anthropology –concept of material and technological characteristics features of simple economic system, Subsistence economy concept and characteristics-gathering hunting collecting and fishing Food producing economy-pastoralism and cultivation, horticulture, shifting and terrace cultivation	5
4	Ethnographic profile of North east India-The garos, Mishing, Apatanis and Ao Nagas	10
6	Ecology-meaning and definition of environment and ecology, Biotic and abiotic environment, Man as an agent to disturb the ecological balance	6

Practical –Field study

HS 1<sup>st</sup> year

UNIT NO	UNIT NAME	NO OF CLASSES
6	Cultural Anthropology-concept of culture ,definition ,culture heritage, significance of tangible and intangible elements of culture, concept of enculturation ,ethnocentrism and relativism, factors of culture change-innovation, diffusion and acculturation	6
7	Social Anthropology-salient features of human society-simple and complex society, rural and urban society ,principles of social group formation, characteristics of social groups and community, concept of social institution ,rules of descent-lineage clan, moiety	6

DEPARTMENT OF ANTHROPOLOGY  
MORIGAON COLLEGE  
LESSON PLAN

Dr. Nayanjyoti Goswami  
Assistant Professor, Department of Anthropology, Morigaon College

1<sup>ST</sup> SEMESTER (FOUR YEAR UNDERGRAGUATE PROGRAMME IN ANTHROPOLOGY  
Credit allotted 2  
COURSE FOUNDATION IN ANTHROPOLOGY

COURSE OBJECTIVES

- 1 Gives an understanding of the basic concept in Anthropology and its sub-branches
- 2 Students will learn about the meaning scope and development f the subject and its relationship with other disciplines
- 3 Provides an understanding of the position of human in relation to other organisms and the distinctiveness and diversity of human beings in time and space

COURSE OUTCOMES

1 This course will raise awareness about ethnocentrism and cultural relativism as unique aspects of the discipline. Students will understand anthropologically how and why social and cultural differences exist in the world and how such differences help us to solve problems in everyday life

UNIT	THEORY PAPER	DURATION/No of classes taken
1	Meaning scope and development of Anthropology, Anthropological perspectives and orientation:	4
	Ethnocentrism and Relativism basic concept and meaning. Importance of cultural relativism in anthropology	3
	Relationship of Anthropology with other disciplines – Social Sciences, Behavioral Science, Life Science, Medical Science and Earth Sciences	5
	Class test	1
	Presentation	1
III	Man's place in Animal Kingdom, Classification and characteristics of living primates	3
	Human and Non-Human primates-Comparative anatomy and behaviour	5
	ii) Evolutionary stages of Man in the light of fossil evidences	5
	iii) Human skeletal morphology	
	Class test	1
	Presentation	2

Practical: 1 credit  
Osteology- Drawing and description of the bones  
Osteometry: Measurement of long bones

### THIRD SEMESTER

Paper name: Fieldwork tradition and Methodology  
Credit allotted 2

#### COURSE OBJECTIVES

This course will focus on:

- 1 Enable to learn the process of undertaking an effective ethnographic fieldwork as a key strategy in Anthropology
- 2 Help in learning the field methods and techniques of conducting ethical anthropological research

#### Course outcomes

- 1 Students will be able to formulate research problem and collect requisite empirical data in the field
- 2 Students will be able to conduct fieldwork in a variety of settings in an ethical manner

UNIT	THEORY PAPER	DURATION/No of classes
2	Types of Research Design-Exploratory, Descriptive and Experimental, Formulation of research problem, hypothesis, review of literature, conceptual framework and bibliography	9
	Class test	2
	Presentation	1
3	Rethinking the field: Changing concept of field,	4
	Ethical concerns of fieldwork -its importance in anthropology	3
	Class test	1
	Presentation	2
4	Basic Statistics: Variables, Tabulation and Presentation of data, Descriptive statistics: Measure of central tendency, Measures of Variation	9
	Class test	1

Practical : Students will undertake fieldwork 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 work-Credit 2

### 5<sup>th</sup> semester

### FIFTH SEMESTER (CBCS COURSE)

Paper name-HUMAN POPULATION GENETICS (ANT-HC-5016)

Credit allotted 6 (4 Theory and 2 practical)

Course objectives :Provide an understanding of mechanisms of changes in human population

#### COURSE OUTCOME:

- Students will learn about mechanisms which create variation in gene frequencies.
- Students will learn the method of assessing gene frequency variation.

UNIT	THEORY PAPER	DURATION/ NO OF CLASSES TAKEN
1	Essentials of Genetics  Landmarks in the history of genetics, principles in human genetics, single locus (Mendelian) versus multilocus (quantitative/complex) inheritance, chromosome theory of inheritance (segregation and independent assortment) Mendelian inheritance (single factor and multifactorial inheritance), Non- Mendelian inheritance (multiple allelism, Co-dominance; sex linked, sex limited, sex controlled, epistasis; penetrance and expressivity; Cytoplasmic inheritance)	11
	Class test	
2	Ecological Genetics and Polymorphism Phenotypic & genotypic polymorphisms, transient polymorphism, balanced polymorphisms, models explaining the maintenance of genetic polymorphism (Relationship between sickle cell and malaria, X-linked polymorphism, selection due to infectious diseases and its association with blood groups and other)	1 8
	Class test	
3	Hardy-Weinberg principle: Concept, Assumptions of Hardy Weinberg equilibrium,	1 4
	Hardy-Weinberg principle its applications and exceptions	
	Class test	3
4	Mechanism for dynamics in Gene Frequency:  Mutation, selection (pattern and mechanism), Genetic drift (bottle neck and founder effect), Gene flow/migration, inbreeding and its consequences.	1 10
	Class test	
5	Population structure and admixture in human populations. Random & non-random mating (positive and negative assortative mating), heritability.	7
	Class test	1
	Previous year question paper solved	5
	Revision of all the unit	7

#### Practical-2 CREDITS

1. ABO and Rh (D) Blood groupings: Student should be trained in determining ABO and Rh blood groups of at least 5 individuals by following standard procedure.
2. Testing of Colour Vision (Color Blindness): Ishihara's Chart should be used to determine the colour blindness. Inferences should be recorded on at least 5 subjects.
3. PTC test: Student should be trained to test PTC testing ability in at least 5 individuals following standard procedure. Assignment: Discuss about the Principles in human genetics

**5<sup>TH</sup> SEMESTER(CBCS COURSE)**  
**PAPER NAME: Anthropology in Practice ANT-HC-5026**  
**Credit 6 (Theory: 4; Practical: 2)**

**COURSE OBJECTIVE:** To impart knowledge about the applied aspects of Anthropology.

**COURSE OUTCOME:**

- The knowledge of Applied Anthropology, Action Anthropology and Role of Anthropology in Development
- Student will gain knowledge of recent trend of Anthropology.

UNIT	THEORY PAPER	DURATION/NO OF CLASSES
1	Academic Anthropology  Academics and Practitioners: Differences, Structure, Activities, Controversies and Issues: Applied Anthropology, Action Anthropology and Development Anthropology.	9
	Class test	2
2	Role of Anthropology in Development  Anthropology and Public Policy, Need Assessment and Community Development, Anthropology of NGO's, Management Anthropology, Environment and Community Health, Social and economic sustainability, Cultural resource management.	10
	Presentation	1
	Class test	1
3	Future Dynamics in Anthropology  Trends in Anthropology: Anthropology of Tourism, Anthropology In Census; Designing and Fashion, Visual Anthropology	9
	Class test	1
4	Constitutional Perspective and Human Rights  Constitutional Provisions, Evaluation, Planning and Development of Indian Populations; Human Rights, National and State Human Rights Commission and other Grievance Redressal Mechanism.	10
	Previous year question paper solved	6
	Revision	10

**Practical-2 CREDIT**

1. The students will visit a NGO, corporate office, panchayats office or census office and write principal observations on the same.
2. Write a project on constitutional provisions or evaluation of any development project / report.
3. Write a project on Religious Tourism / Tribal Tourism / Health Tourism / Fashion / Human Rights / Ecotourism.
4. Collection of demographic data from secondary sources and write a project on demographic profile.

Assignment :Role of Anthropology in Tourism  
 Importance of Human rights in the present society.

**2<sup>nd</sup> SEMESTER**  
**(FOUR YEAR UNDERGRAGUATE PROGRAMME IN ANTHROPOLOGY**

**Paper name: FOUNDATION OF ANTHROPOLOGY**

Total credits 4(Theory 3 and Practical 1)

Number of classes required 75

Number of contact classes/hours:60(theory 45, Practical 15)

CLASSES ALLOTTED 2( 30 classes)

**COURSE OBJECTIVES**

This course will focus on

1 The basic concept and methods of socio-cultural Anthropology and their changes with time.

2 The nature meaning and evolution of economics, political and religious institutions

**COURSE OUTCOMES**

1 Learn the approaches to understand culture and society and critically assess the functioning of economic, political and religious institution.

2. Acquaint themselves with the basic methods and techniques of studying prehistoric archaeology and its application in the field study. Students will also have hands-on-training in identification and drawing of tools of prehistoric period

UNIT	THEORY PAPER	No of classes taken
2	Theories of evolution – Lamarckism Concept of Lamarckism, Criticism of Lamarckism Neo Lamarckism Concept of Neo Lamarckism ,	4
	Darwinism Concept of Darwinism & Neo Darwinism	3
	Synthetic theory , Shifting balance theory	2
	Class test	1
		2
	Punctuated equilibrium theory & Coalescent theory	2
	Biological basis of inheritance –cell , cell division, chromosome,	2
		2
	Human karyotype, Gene, DNA and RNA	3
	Factor of evolution –natural selection, mutation, genetic drift and gene flow	
	Assessing Human genetic diversity –Concept of red cell markers, Concept DNA markers.	3
	Class test	1
	Haplotypes and haplogroups, epigenetic	2
	Revision	1
	Class test	
	Revision of all the units	4

Total classes 30

**Assignment :**

1Understanding Darwinism: Evolution and Natural selection

2 Explain gene flow as the movement of alleles between population due to migration.

3 Discuss the central idea of shifting balance theory.

**6<sup>TH</sup> SEMESTER**  
**PAPER NAME: Demographic Anthropology Credit 6 (Theory: 4; Practical: 2)**  
**PAPER CODE: ANT-RE-6016**

Course credit 1  
 Classes allotted 15

**COURSE OBJECTIVE:** To provide an understanding of the demographic aspects of population.

**COURSE OUTCOME:**

- Students will learn about the basics of demography and demographic theories
- Students will learn about the tools used for population change.

UNIT	THEORY PAPER	DURATION/Total number of classes
1	Introduction to demographic Anthropology meaning, concept and definition	1
	Relationship between demography, population studies and anthropology	2
	Importance of population studies in Anthropology	2
	Class test	1
IV		2
	Population of India-concept and meaning	
	Sources of demographic data in India explanation of the concept in Indian context	2
	Demography of Indian tribes and non-tribal groups	2
	Class test	1
	Anthropological determinants of population growth	
	Impact of urbanization on the migration of tribal groups	1
	Class test	1
	Previous year question paper solved	2

1 Assignment Discuss the demographic profile of Indian tribes and non-tribal group

2 Urbanization has an impact on the migration of tribal groups

3 Discuss the population of Indian population

**6<sup>th</sup> semester**  
**Paper Code-ANT-RE-6026**  
**Paper name Dissertation Credit: 2**  
**Total allotted classes 30**

**COURSE OBJECTIVE:** To impart the knowledge of conducting ethnographic fieldwork and apply the anthropological field methods for data collection.

**COURSE OUTCOME:**

- The knowledge of conducting fieldwork by applying anthropological methods will be gained.
- The knowledge of data analysis and writing based on the collected data will be learned.

UNIT	PRACTICAL PAPER	DURATION
	Preparation of field work	3
	Research methodology-	3
	Research design	3

Review of literature	2
Secondary sources	2
Formulation of hypothesis	2
Deciding of variables and samples	2
How to collect data	2
Analysis of data	2
Presentation of data	3
How to prepare bibliography and reference	3
Presentation	3

#### Assignment

- 1 Importance of field work in Anthropology
- 2 Importance of review of literature in research

#### SEMESTER 4<sup>TH</sup>

#### PAPER NAME: PHYSICAL ANTHROPOLOGY ELECTIVE II, FUNDAMENTAL OF HUMAN ORIGIN AND EVOLUTION

#### TOTAL CREDITS 4 (THEORY 3 & PRACTICAL 1)

Total classes 75

Credit allotted 3

#### THEORY CLASSES 45 AND PRACTICAL 15 CLASSES

#### COURSE OBJECTIVES:

To understand primate evolution with reference to the different geological epochs

An understanding of stages of human evolutionary development with an emphasis on skeletal changes as evident from fossil finds

#### COURSE OUTCOMES:

1 Students will learn about primate evolution with reference to different geological epochs

2 Students will learn about hominine evolutionary developmental stages based on skeletal evidences

2 Learn the classical approaches used in classifying mankind

UNIT	THEORY PAPER	DURATION/TOTAL CLASSES
1	Primate origins and evolution with reference to Paleocene, Eocene, Oligocene and Miocene	5
	Plesiodiformes, Adopoidea Omomyodea Anaptomorphidea	5
	Limnopithecus, Proconsul, Dryopithecus Sivapithecus	5
	Ramapithecus and Gigantopithecus	3
	Class test	1
4	Evolutionary change in Human skeleton with special reference to Skull	3
	Dentition, Vertebral column	1
	Pelvis Femur and Foot	3
	Class test	1
3	Origin of Modern human and their distribution and features	4
	CroMagnon , Grimaldi and Chancelade	4
	Class test	1
	Revision of all the above unit	8

**Assignment**

1 Discuss the origin about the modern human and their distribution  
 2 Write about the Narmada man their origin and characteristics.

**Practical**

Craniometric Measurements (Skull and Mandible)

1<sup>ST</sup> SEMESTER

SEC0100303

PAPER NAME ANTHROPOLOGICAL TOURISM

Credit 2

UNIT NO	THEORY	DURATION/NO OF CLASSES
3	Recent trends in tourism, cultural tourism, ecotourism, rural tourism, religious tourism, sustainable tourism	6
	Class test	1
	Ethnic tourism and role and function of tourist guide	6
4	Architectural heritage and tourism-Kamakhya ,charaideo, Hayagriva madhav temple,Surya Pahar, Madan Kamdev	5
	Class test	
	Tourist festival based on ethnic culture-Jonbil mela,Hornbill festival	5
	Report preparation	4
	Presentation on the topic prepared	3

3<sup>RD</sup> SEMESTER

SEC0300403

PAPER NAME CULTURE HERITAGE OF NORTH EAST INDIA

Credit-3

Credit allotted 1

Unit	Theory	Duration/no of classes
1	Definition of culture and characteristics	2
	Tangible and intangible heritage, tangible,intangible oral and living tradition	2
	Tai-phakeorPhakial culture	2
	Class test	1
	Colonial heritage and UNESCO heritagesites in North east India	2
	Satribari Christian hospital ,Assam medical college,Digboi oil refinery	3
	Charaideomaidams,Garo hills and Apatani Cultural heritage	2
	Presentation	1

Practical: Project work

**HS SECOND YEAR**

UNIT NO	TITLE	CLASSES/DURATION
1	CELL BIOLOGY cell structure and divisions ,concept of chromosomes, gene and DNA, Enzymes types and function in human body	20
2	GENETICS Preliminary knowledge of human genetics , laws of inheritance ,Mendel's law – monohybrid and dihybrid ratio, genetic disorders with reference to autosomes and sex chromosomes and concept of eugenics	20
3	HUMAN BIOLOGICAL VARIATION AND CONCEPT OF RACE-concept and definition of race and biological variation ,racial criteria-hair form, face form,dermatoglyphics,skin colour, eye form /ABO blood group	10

**PRACTICAL**

**PREHISTORIC LITHIC STUDIES-**

Identification of natural and man made tool

Attributes of a man made tool

Drawing of tool-core tool and flake tool

**HS 1<sup>st</sup> year**

UNIT NO	UNIT NAME	NO OF CLASSES
2	Human anatomy a general study of human skeleton to understand the position and articulation of various bones	4
3	Taxonomy –Man place in the animal kingdom, man as mammals and their characteristics Man as primate ,Platyrrhinne and catarrhinne monkey and their differences, Living apes characteristics and distributions	5
1	Introduction to Anthropology-concept of anthropology, branches and scope .Relationship of Anthropology with other disciplines	5

**Practical**

Physical Anthropology-Drawing and description of bones of human skeleton—8 classes

Introduction to Somatometry

**DEPARTMENT OF ANTHROPOLOGY**  
**MORIGAON COLLEGE**

**LESSON PLAN**

Uddipana Sarma

Assistant Professor, Department of Anthropology,  
Morigaon College

**2<sup>nd</sup> Semester (FOUR-YEAR UNDERGRADUATE PROGRAMME IN  
ANTHROPOLOGY)**

**COURSE II FOUNDATION OF ANTHROPOLOGY**

**Total Credits 4 (Theory 3, Practical 1)**

**Number of classes required: 75**

**Number of contact classes/hours: 60 (Theory: 45, Practical: 15)**

**CLASSES ALLOTTED: 15**

This course will focus on:

1. The basic concepts and methods of Socio-Cultural Anthropology and their changes with time
2. The nature, meaning, and evolution of economic, political, and religious institutions.
3. The evolutionary process and the various aspects of variations.
4. The methods and techniques of Prehistoric Archaeology, concept of prehistoric chronology and practical understanding of tools.

**COURSE OUTCOMES**

1. Learn the approaches to understand culture and society and critically assess the functioning of economic, political, and religious institutions.
2. Analyze the changing ideas of evolutionary theories and understand the mechanisms of evolution and variation.
3. Acquaint themselves with the basic methods and techniques of studying prehistoric archaeology and its application in the field study. Students will also have hands-on training in identification and drawing of tools of prehistoric period.

Unit	THEORY PAPER	No. of Classes taken
I	i) Approaches to the study of culture and society: Evolutionism, Diffusionism, Historical Particularism and Functionalism  ii) Economic organisation- reciprocity, redistribution and market exchange. Political organisation- types; Social control and Law. Religious, Supernaturalism, Magic, Witchcraft, Religious specialists.	4
II	Class test	1
	ii) Biological basis of inheritance- cell, cell division, chromosome, human karyotype, Gene, DNA, RNA	4
III	Class test  ii) Methods of Estimation of Time and Reconstruction of the Past. Absolute Dating Methods (Radio Carbon, Potassium-Argon, Thermoluminescence, Dendrochronology). Relative Dating Methods (Stratigraphy, Typology, Patination, Palynology, Flourine Analysis)	1
	Class test	1

### TOTAL CLASSES: 15

#### Assignment:

1. Understanding the different types of economic organisation with a special focus on Kula Ring/ Kula exchange system
2. A diagrammatic representation of the different types of cell division with
3. Note the various types of Relative and Absolute dating methods.

**4<sup>th</sup> Semester (FOUR-YEAR UNDERGRADUATE PROGRAMME IN  
ANTHROPOLOGY)**

**COURSE IV- PHYSICAL ANTHROPOLOGY (ELECTIVE II)  
FUNDAMENTALS OF HUMAN ORIGIN AND EVOLUTION**

**Total Credits: 4 (Theory: 3, Practical: 1)**

**Number of required classes: 75**

**Number of contact classes/ hours: 60 (Theory: 45, Practical: 15)**

**Number of non-contact classes: 15**

**COURSE OBJECTIVES:**

This course will focus on:

1. To understand primate evolution with reference to the different geological epochs.
2. An understanding of stages of human evolutionary development with an emphasis on skeletal changes as evident from the fossil finds.

**COURSE OUTCOMES:**

1. Students will learn about primate evolution with reference to different geological epochs.
2. Students will learn about hominine evolutionary developmental stages based on skeletal evidences.
3. Learn the classical approaches used in classifying mankind.

Unit	THEORY PAPER	No. of classes taken
II	Human origin on the basis of interpretation of fossil evidences: 1. Ardipithecus: Sahelanthropus tchadensis, Ororin tugenensis, Ardipithecus ramidus. 2.Australopithecines:	2
		3
		3

	<p>distribution, features and their phylogenetic relationships.</p> <p>3. The emergence of genus Homo: Homo habilis and Homo erectus, Narmada Man.</p> <p>4. The emergence of Archaic Homo sapiens and Neanderthals.</p> <p>Class test</p>	<p>3</p> <p>3</p> <p>1</p>
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### **Assignment**

1. Discuss in detail the distribution and features of Australopithecines. What may have enabled australopithecines to survive in the face of many ground predators?
2. Evaluate competing scenarios for the disappearance of Neanderthals

### **6<sup>th</sup> Semester**

**Paper Code-ANT-RE-6026**  
**Paper name Dissertation Credit: 2**  
**Total allotted classes 30**

#### **COURSE OBJECTIVE:**

To impart the knowledge of conducting ethnographic fieldwork and apply

the anthropological field methods for data collection.

#### **COURSE OUTCOME:**

- The knowledge of conducting fieldwork by applying anthropological methods will be gained.
- The knowledge of data analysis and writing based on the collected data will be learned.

<b>UNIT</b>	<b>PRACTICAL PAPER</b>	<b>No. of classes taken</b>
	<b>Preparation for fieldwork</b>	<b>2</b>
	<b>Research design</b>	<b>2</b>
	<b>Secondary sources</b>	<b>2</b>
	<b>Formulation of hypothesis</b>	<b>2</b>
	<b>Sampling</b>	<b>2</b>
	<b>Collection of data</b>	<b>2</b>
	<b>Presentation of data</b>	<b>2</b>
	<b>Analysis of data</b>	<b>1</b>

**1ST SEMESTER**

**SEC0100303**

**PAPER NAME ANTHROPOLOGICAL TOURISM**

<b>UNIT</b>	<b>THEORY PAPER</b>	<b>NO. OF CLASSES</b>
<b>II</b>	<b>Socio-cultural impact of tourism,</b>	<b>3</b>
	<b>Tourism as a mechanism</b>	<b>3</b>

	<p>of Cross-Cultural interaction,</p> <p>Tourism and the commoditization of culture or cultural degradation.</p> <p>Class test</p> <p>Role of symbolism and semiotics in tourism</p>	<p>4</p> <p>1</p> <p>4</p>
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**3RD SEMESTER**

**SEC0300403**

**PAPER NAME CULTURE HERITAGE OF NORTH EAST INDIA**

**Credit-3**

**Credit allotted 1**

UNIT	THEORY	NO. OF CLASSES
III	Traditional Performing	

<b>IV</b>	<b>Art as Intangible Heritage</b>	
	a) Folk Dance- Bagarumba Hozagiri, Wangala, Bamboo Dance, Zeliang dance, Dhol Dholak Chalom	<b>3</b>
	b) Folk Theatre- OjaPali, Dhuliya and Khuliya- Bhaoriya Puppetry- Khusan Gan, Shumang leela, Bharigaan, Gahon	<b>4</b>
	c) Oral Folk literature- Lyrics, Ballads, Dakor Bachan, Folk tales	<b>3</b>
	<b>Neo-Vaishnavite Cultures- Majuli</b>	<b>4</b>
	a) Satra and Namghar b) Ankiya Bhaona and Satriya nritya	
	<b>Presentation</b>	<b>1</b>

### Practical: Project work

#### H.S. FINAL YEAR

UNIT	TITLE	DURATION OF CLASSES
<b>IV</b>	<b>Division of Prehistoric Cultures (Human Cultural Evolution)</b> A. From stone to metal ages B. Concept of tools: stone tool- core tool, flake tool, blade tool, microliths and celt.	<b>8</b>

<b>VII</b>	<p>C. C. Different phases of prehistoric cultures and their salient features (with reference to their geological time, tool making techniques, cultures with typical tool types and respective fossil man</p> <p>i. Palaeolithic culture- lower, middle and upper</p> <p>ii. Mesolithic culture: Mesolithic or rarely Holocene culture- Azilian, Tardenoisian, Asturian, Maglemosian, Campignian and kitchen Midden culture</p> <p>iii. Neolithic culture: characteristics features of Neolithic period culture</p> <p>iv. Comparative study of Palaeolithic and Neolithic culture.</p> <p><b>Ecology</b></p> <p>i. Meaning and definition of environment and ecology</p> <p>ii. Physical or abiotic environment, biological or biotic environment and socio-cultural environment.</p> <p>iii. Man as the main agent to disturb the ecological balance</p>	7

**PRACTICAL**  
**PREHISTORIC LITHIC STUDIES-**  
**Identification of natural and man made tool**  
**Attributes of a man made tool**  
**Drawing of tool-core tool and flake tool**  
**H.S. 1<sup>ST</sup> YEAR**

UNIT	TITLE	NO. OF CLASSES
<b>IV</b>	<p><b>Human Evolution</b></p> <p>Definition and meaning of organic evolution. Theories of evolution : Lamarkism, Darwinism and Synthetic theory.</p>	7

	<p>Mechanism of evolution :  Natural selection, Mutation  Genetic drift, Gene Flow and  Inbreeding .  A brief discussion on evolution  of man on the basis of the  following fossils records :  i.                   Ardipithecus  ii.                   ii.                   Australopithecus,  iii.                   Pithecanthropus  erectus  iv.                   iv. Homo-  Neanderthelensis  v.                    Cro- Magon Man</p>	
<b>VI</b>	<b>Cultural Anthropology</b>	<b>8</b>

**Practical**

**Physical Anthropology-Drawing and description of bones of human skeleton—8 classes**  
**Introduction to Somatometry.**