

**Programme Outcomes, Programme Specific Outcomes and Course Outcomes
For PG Programmes**

Programme Name: M.Sc. in Anthropology

Number of Semesters:I,II,III&IV



Name of the Department
University of North Bengal
West Bengal, INDIA

Programme Outcomes

- Motivate to critical thinking without any preconceived ideas.
- Equip students with skill of field work in more comprehensive manner also to able with contemporary techniques
- Develop comprehensive knowledge and understanding of Anthropology
- Develop critical and analytical thinking
- Equip students for action and applied research
- Continue to acquire relevant knowledge and theories required for higher studies
- Awareness for ethical studies and ethical issues particularly during compulsory field work

Programme Specific Outcomes

- Develop reflective thinking
 - Good understanding of Anthropological theories and concepts
 - Strong foundation on applied and action Anthropology
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- Prepare and motivate students for research studies in Anthropology and related fields.
 - Nurture problem solving skills, thinking, creativity through assignments, project work.
 - Assist students in preparing (personal guidance, books) for competitive exams e.g. NET, GATE, etc.

Course Outcomes

SEMESTER—I		
Course Code	Course Name	Course Outcomes
101A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Understanding the concepts of evolution • Detailed study on species etc • Make the students aware about the human skeletal system <p>Skills gained</p> <ul style="list-style-type: none"> • Solving the riddles of evolution • Identifying individual bones of the human skeleton • Understanding the new theories of evolution <p>Competency developed</p> <ul style="list-style-type: none"> • Forensic anthropology • Bone identification • Importance of evolution
101B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Definition and classification of primates • Primate distribution, evolutionary trends • Primates grades • Fossil primates <p>Skills gained</p> <ul style="list-style-type: none"> • Distinguish human from their primate ancestors • Analyze various changes associated with the process of hominization <p>Competency developed</p> <ul style="list-style-type: none"> • Understanding the significance of fossil primates • Understanding the history of human evolution
Course 102A	Prehistoric Archaeology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Concepts of Environmental archaeology, Ethno archaeology and New Archaeology • Palaeo environment and climatic change during Quaternary period • To understand the dating techniques and its application. <p>Skill Gained</p> <ul style="list-style-type: none"> • Archeological exploration can be done in the area of Ethno archaeology and New Archaeology • Application of specific dating technique to detect the age of specific archaeological evidences

		<ul style="list-style-type: none"> Ability to understand the past environment and gained knowledge to unfold the reason of ice age. <p>Competency Developed</p> <ul style="list-style-type: none"> Facility to handling the problem of Ethno archaeology and New Archaeology Can be able to handle various kind of dating techniques to know the age of archaeological materials Facility in solving the archaeological problems in relation to specific palaeoenvironment.
Course 102B	Prehistoric Archaeology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Basic concept of tool making techniques and tool typology Knowledge about lithic cultures of Europe To understand Neolithic revolution <p>Skill Gained</p> <ul style="list-style-type: none"> Knowledge for identification of prehistoric stone tools and artifacts. Knowledge to understand different stages of European prehistoric culture. Understanding on Neolithic Revolution and its significance <p>Competency Developed</p> <ul style="list-style-type: none"> Facility to handling the distinctive features of prehistoric stone tools and also can be able to understand the techniques of manufacturing. To understand the chronology of European prehistory. Easy to understand Neolithic as revolution not as a mere prehistoric culture
103 A	Society Culture and	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Concept and function about Society, Various Social groups, Community and Association. Social institutions, Mores and folkway, Norms and values and Social sanctions. Details about culture, cultural aspects, traits, complexes, pattern, value, characteristics and nature of culture. Relation among culture, language and society. Theories of cultural evolution; cultural diffusion; Acculturation culture contact. <p>Skills gained:</p> <ul style="list-style-type: none"> Conceptualizing the idea about society and various social groups Developing ideas about various Social institutions, values, Social sanctions

		<ul style="list-style-type: none"> Generalization of culture, its components including cultural theories - cultural evolution; diffusion; acculturation culture contact. <p>Competency developed:</p> <ul style="list-style-type: none"> Understanding of society, social groups social institution Viewing the culture, cultural evolution, diffusion and other theories
103B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Concept of institution of Marriage, kinship and families; their interrelationship in shaping individuals' in the society. Cultural constructions of kinship; marriage patterns and exchange of different forms Contemporary changes in marriage and family forms <p>Skills gained:</p> <ul style="list-style-type: none"> Defining and understanding the concept Analyzing the nature of change in contemporary society and the changes in future <p>Competency Developed</p> <ul style="list-style-type: none"> Applying the concept of social structure and organization to analyze the contemporary issues
104A	Research Methodology <i>(Physical Anthropology and Prehistoric Archaeology)</i>	<p>Knowledge gained</p> <ul style="list-style-type: none"> Twin method Pedigree method Statistics Exploration and excavation Classification and field documentation <p>Skills gained</p> <ul style="list-style-type: none"> Comprehend the biology of twining Analyze autosomal and sex chromosomal Inheritance Measure central tendency and dispersion The knowledge on significant of exploration and excavation How to prepare classification and field documentation <p>Competency developed</p> <ul style="list-style-type: none"> Understanding the importance of studying twins and pedigree Understanding the importance of statistics in anthropology Ability to carry out field work and documentation in prehistoric sites.
104B	Research Methodology <i>(Social Cultural Anthropology)</i>	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Various methods of inquiry and interpretation in anthropological research. Participant-observation, interviewing, ethnography

		<p>among others,</p> <ul style="list-style-type: none"> • Explore the relationship between research design and research methods • Various tools, techniques and methods of data collection <p>Skills gained:</p> <ul style="list-style-type: none"> • Introduction to good research practice. • Principal research methods of sociocultural anthropology to study society • Utilize ethnographic research methods appropriate to the specific field site and community of study • Understanding and applications on various tools, techniques and methods of data collection <p>Competency developed:</p> <ul style="list-style-type: none"> • Apply the knowledge in the upcoming newer fields of research • Application of various tools, techniques and methods of data collection
105 (Unit-I)	Osteology, osteometry, Craniometry, Somatometry and somatoscopy	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Identification of bones • Sex identification • Measurements of long bones • Craniometric and somatometric measurements - definitions, landmarks and instruments • Somatoscopy <p>Skills gained</p> <ul style="list-style-type: none"> • Identify bones of the human skeleton • Understand the instruments used in anthropometry <p>Competency developed</p> <ul style="list-style-type: none"> • Understanding various techniques of anthropometry
105 (Unit-II)	Drawing, description and identification of Prehistoric tools	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Drawing, description and identification of Prehistoric tools and artifacts <p>Skills gained</p> <ul style="list-style-type: none"> • Drawing and identification capacity of prehistoric tools and artifacts <p>Competency developed</p> <ul style="list-style-type: none"> • Ability to draw and identification of prehistoric tools and artifacts
105 (Unit-III)	Material Culture	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Material Culture <p>Skills gained:</p> <p>Understanding different technologies/ material objects used by different groups of people through the drawing, description and identification.</p> <p>Competency developed:</p> <ul style="list-style-type: none"> • Analyzing the relations of environment, material objects and community knowledge, skills and their culture and civilization.

106	Continuing Evaluation	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Class Test, Group Discussion and Comprehensive <i>viva-voce</i> <p>Skills gained:</p> <p>Developing the ways of representation, interaction and communication.</p> <p>Competency developed:</p> <ul style="list-style-type: none"> • Developing personal assessment and achievements. • Able to take part in cooperative discussion, share related perspectives and issues, expert knowledge, communication skill. • Enrich the critical thinking, communication and convincing ability

SEMESTER—II		
Course Code	Course Name	Course Outcomes
201A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Understanding the concepts of human genetics • Detailed study on genetic counseling, genetical problems etc • Make the students aware about the role of genetics in society • <p>Skills gained</p> <ul style="list-style-type: none"> • Solving the riddles of genetics <p>Competency developed</p> <ul style="list-style-type: none"> • Genetic counseling: principles • Why genetics is important • How human genetics developed
201B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Concept of race • Criteria for human classification • Primary races of mankind • Concept of growth and development • Methods of studying growth <p>Skills gained</p> <ul style="list-style-type: none"> • distinguish three primary races • Analyze various traits for classification of mankind • Apply methods of growth study in their field work <p>Competency developed</p> <ul style="list-style-type: none"> • Understanding human variations • Understanding the importance of studying growth and

		nutrition
202A	Palaeoanthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Hominids fossil primates • Origin and evolution of Homo sapiens • Biocultural process <p>Skills gained</p> <ul style="list-style-type: none"> • Describe the major keys of human evolution • Know the findings and discoveries associated with fossil primates • understand the origin and evolution of modern humans <p>Competency developed</p> <ul style="list-style-type: none"> • Understand the definition, aim and subject matter of Palaeoanthropology • Understand the concept and events in human evolution • Understand changing trends from late Australopithecine to early Homo
202 B	Prehistoric Archaeology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Prehistoric Cultures of India and Africa, • Tool techniques, typology, chronological and spatial distribution <p>Skill Gained</p> <ul style="list-style-type: none"> • Characteristic features of Indian and African prehistoric cultures. • Raw material, tools, artifacts and site identification skill for Indian prehistoric cultures <p>Competency Developed</p> <ul style="list-style-type: none"> • Exploration of prehistoric tools and raw materials for both African and Indian prehistoric cultures. • Understanding about different important sites.
203A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Economic and Political Organisations aims - the concepts, definitions, perspectives • Economic organization - various ways of organising production, various ways by which goods and services are circulated, exchanged including market exchange. • Political organisation - traditional form of political institutions and the components of political systems and organisations are law, political formations (stateless political societies/formations and state societies/formations), conflict resolution, social control mechanisms. • Understand dimensions of Social Differentiation and Social Stratification; Principal types of stratification systems:

		<p>Caste, Class,</p> <p>Skills gained:</p> <ul style="list-style-type: none"> • Analyze economic and political relation in today's society <p>Competency developed:</p> <ul style="list-style-type: none"> • Apply these concepts to understand the different cultures •
203 B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Details about the origin, theories, forms and function of Religion and magic. Witch-craft; magico-religious specialists; symbolism in religion. Relation and differences about Religion, rituals, magic and science. • Concepts and process of Socialization and enculturation. Culture and personality: views of various scholars Ruth Fulton Benedict, Margaret Mead, Ralph Linton, Abram Kardinal, Cora-du-Bois on culture and personality. • Details about Culture and civilization and the views of various anthropologists and sociologists on civilization. <p>Skills gained:</p> <ul style="list-style-type: none"> • Generalization of magico-religious belief, its origin, theories, specialists and relation with science. • Developing the idea about Socialization and enculturation process and personality formation. • Overviewing idea about culture and civilization. <p>Competency developed:</p> <ul style="list-style-type: none"> • Understanding the supernatural world and beliefs in context of religion and magic • Proficiency of socialization and enculturation process and personality formation • Differentiation and integration of functions Culture and civilization
204A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Major anthropological theories and debates that inspire and inform anthropological analysis. • Historical roots of anthropological tradition: classical social anthropology: evolutionism, diffusion and early American school. <p>Skills gained:</p> <ul style="list-style-type: none"> • Critically analyse the schools of thoughts <p>Competency developed:</p> <ul style="list-style-type: none"> • Apply anthropological theories to understand the contemporary changes
204 B	Social Cultural Anthropology	<p>Knowledge gained</p> <p>Structure, Function and Personality school of thoughts</p>

		<p>Skill Gained</p> <ul style="list-style-type: none"> • Understanding about social structure and organization • Social solidarity concept and division of labour • Application of the concept of model to understand social structure • Efficiency in understanding the concept of post structuralism, post modernism and cognitive anthropology • Understanding the concept of culture and personality <p>Competency Developed</p> <ul style="list-style-type: none"> • Ability to explore the social structure of different kinds of society and also to understand the concept of structure and function • Ability to understand the cognitive aspect of a culture • To make distinction between structure and function • Ability to understand the perspectives of different kinds of work done by the scholars of psychological school of thoughts
205 Practic al (Unit- I)	Field study in Physical Anthropology/ Museum visit/ Laboratory visit/ Zoo visit/ Primate study	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Concept of field work • Primate behaviour <p>Skills gained</p> <ul style="list-style-type: none"> • Collect data from the field • Write a report from the collected data <p>Competency developed</p> <ul style="list-style-type: none"> • Analyze data from their field work
205 Practic al (Unit- II)	Fieldwork in Prehistoric Archaeology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • How to conduct field work in Prehistoric sites <p>Skills gained</p> <ul style="list-style-type: none"> • Exploration, identification, surface collection, grid techniques etc. <p>Competency developed</p> <ul style="list-style-type: none"> • Ability to carry out field work in prehistoric site, site identification, tools identification etc.
205 Practic al (Unit- III)	Field work in Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Fieldwork in Social Cultural Anthropology <p>Skills gained:</p> <ul style="list-style-type: none"> • Practically gain the idea about various social institutions and organizations of various communities/groups/societies and can examine the

		<p>theories of the subject.</p> <p>Competency developed:</p> <ul style="list-style-type: none"> • Implement anthropological tools and techniques, skill management, encouragement of team work, problem solving, data collection, data compilation, qualitative analysis, analyzing, generalization, testing objectives and hypothesis, report writing,
206	Continuing Evaluation	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Class Test, Seminar, Comprehensive <i>viva-voce</i> <p>Skills gained:</p> <ul style="list-style-type: none"> • Developing the ways of representation, ppt preparation and presentation, interaction and communication. <p>Competency developed:</p> <ul style="list-style-type: none"> • Developing personal assessment and achievements. • Able to take part in cooperative discussion, share related perspectives and issues, expert knowledge, communication skill. • Enrich the critical thinking, communication and convincing ability

SEMESTER—III		
Course Code	Course Name	Course Outcomes
301A	Indian Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Racial classification of India Negrito racial element in India • Primate studies in India • Genetic traits for classification of humans • Contribution of Indian Prehistorians, Comprehensive studies in Indian Prehistory (Old, Middle and Late stone ages). • Significant prehistoric sites in India. <p>Skills gained</p> <ul style="list-style-type: none"> • Describe various racial classification of India by Indian Anthropologists • Know the families of primates in India • Ability to understand the contributions of renowned Indian prehistorians • Efficiency to understand the geomorphology and tool typology of various significant Indian prehistoric sites • <p>Competency developed</p> <ul style="list-style-type: none"> • Understand the factors responsible for formation of race • Recognise the basis of racial classification

		<ul style="list-style-type: none"> Understand the importance of primate studies in India To follow the pathways of renowned Indian prehistorians For working in prehistoric sites of India. Identification ability of Indian prehistoric tools and raw materials.
301B	Indian Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> History and development of social-cultural anthropology in India Ethnographic profile of India: Racial, ethnic, linguistic and religious communities. Multiculturalism in India- challenges and opportunities; communalism, regionalism, identity crisis, ethnicity, unrest among the ethnic groups and marginal people, tribal movements and problems of national integration. <p>Skills gained:</p> <ul style="list-style-type: none"> Gaining the knowledge about the Historical development of Anthropology Developing the concept about the Ethnography of Indian people and also multiculturalism in Indian society. <p>Competency developed:</p> <ul style="list-style-type: none"> Basic knowledge about the history and development of social-cultural anthropology in India, Understanding of ethnographic profile of Indian population and multiculturalism.
302 A	Indian Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Ethnic profile of North Bengal and Sikkim Forensic anthropology Human growth and nutrition Dermatoglyphic studies in North Bengal and Sikkim Prehistoric Studies in West Bengal and Sikkim Recent trends of Prehistoric studies in West Bengal and Sikkim. Knowledge on important Prehistoric Sites in West Bengal and Sikkim <p>Skills gained</p> <ul style="list-style-type: none"> Analyze the studies of human growth and nutrition in North Bengal and Sikkim Know the studies related to forensic anthropology Detailed idea about studies of dermatoglyphic Efficiency to explore different prehistoric sites in West Bengal and Sikkim. <p>Competency developed</p> <ul style="list-style-type: none"> Understand the ethnic profile of West Bengal Apply the knowledge of dermatoglyphics in their practical paper Ability to identify the typical tools and raw materials of different

		prehistoric sites in West Bengal and Sikkim.
302B	Indian Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Ethnic Profile of the Indigenous Populations of West Bengal and Sikkim <p>Skill Gained</p> <ul style="list-style-type: none"> • Efficiency to work on the indigenous population of North Bengal and Sikkim <p>Competency Developed</p> <ul style="list-style-type: none"> • Ability to work on the indigenous population of North Bengal and Sikkim

(Group – A: Core and Elective courses in Social Cultural Anthropology for 3rd Semester)

SEMESTER—III		
Course Code	Course Name	Course Outcomes
303A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Details about Rural Society. Relation and differences between rural and urban society. • Agrarian Class and social Structure: Details about Indian peasants. Social organization of production, caste and agrarian relations in Indian villages. Impact of globalization on Indian villages, the changing agrarian relations. • Agrarian movements in India. <p>Skills gained:</p> <ul style="list-style-type: none"> • Overviewing the concept of rural society, agrarian class/social structure • Gaining the idea about the processes of village and social changes. • Become aware of the reasons of agrarian movements. <p>Competency developed:</p> <ul style="list-style-type: none"> • Deeper insight meaning of rural society, agrarian class and social Structure, relation among them and causes and consequences of agrarian movements in India.
303 B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Village Communities and village studies in India and village social systems. solidarity, external linkages, rural cosmopolitan unity and extension of Indian villages, factions, conflicts. • Social stratification, Varna–Jati and Caste System in India. Dominant caste, caste mobility, tribe-caste continuum.

		<ul style="list-style-type: none"> Dimension of Social and cultural change of caste and rural society: Settlement and inter-caste relations, influences of various agents - hinduisisation, sanskritisation, vaisnavisation, kshetryaisation, westernization, industrialization, urbanization, modernization, globalization, panchayati-raj, media. Interactions with various traditions, various mobilities' in caste and in village societies. <p>Skills gained:</p> <ul style="list-style-type: none"> Become aware of the reasons of relation, faction and conflict among the village communities; and theories developed by the scholars. Overviewing the idea of social stratification, caste system and caste mobility, tribe-caste continuum. Understanding the processes of Social and cultural changes in caste and rural society <p>Competency developed:</p> <ul style="list-style-type: none"> An abstract relationship among the village community. Insightful sense of social stratification, caste system, social mobility and social and cultural change of caste and rural society
304 A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Weaker section in Indian Population: Scheduled tribes, denotified communities, Scheduled castes Other Backward Castes and Communities and Dalits' in India. Economic, education and social profile of the weaker sections. Exploitation, deprivation and violence against weaker section and Ameliorative measures. Relation between weaker and non-weaker sections, so-called earlier untouchables and touchable. Tribal-nontribal relations. Untouchability and its eradication; and Dalit consciousness. Dalit Movements and Socio-political Reformers: Dalit leaders and their contributions- Dr. B.R. Ambedkar, Jyotirao Phule, Babu Jagjivan Ram, Manyawar Shir Kanshi Ram Ji, Jogendra Nath Mandal, Harichand Thakur and Guruchand Thakur, Thakur Panchanan Barma etc. <p>Skills gained:</p> <ul style="list-style-type: none"> Get idea about the people of Scheduled tribes, denotified tribes, Scheduled castes, Other Backward Castes/Communities and Dalits' people of India Perception developed about the socio-economic profile of STs, SCs, OBCs, people. Adept at the ways of exploitation and violence against weaker section and Ameliorative measures for them. Become well aware of the relation between dalits and non-davits; and also able to understand the untouchability and its eradication. Overviewing the activities and contributions of Dalit leaders for the upliftment of weaker section people. <p>Competency developed:</p>

		<ul style="list-style-type: none"> • Understanding the problem of STs, SCs, OBCs and the way of solving the problems • Assessing the essentiality of dalit movements and socio-political reformers and role of dalit leaders in various parts of India.
304 B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Issues related to weaker sections in India Society • Constitutional provisions operative in the Indian context <p>Skills gained:</p> <ul style="list-style-type: none"> • Identify criteria that are used to classify weaker sections based on religion, language and gender • Locate the constitutional provisions in historical perspective • Identify gaps in current constitutional provisions <p>Competency developed:</p> <ul style="list-style-type: none"> • Ability to provide policy recommendation
305A	Social cultural Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Little Community, Folk Society, Peasant Society. • Folk Urban Continuum, Little and Great Tradition. • Concept of Tribe-Caste Continuum • Culture Role of Traditional City: Milton Singer • Study on Sacred Complex: L.P.Vidyarthi • Study on Network and Centres in the Integration of Indian Civilisation • Unity and Diversities in Indian Civilization: N.K.Bose <p>Skill Gained</p> <ul style="list-style-type: none"> • Ability to understand and application of different concepts related to civilization with special reference Indian culture. <p>Competency Developed</p> <ul style="list-style-type: none"> • Ability to work on Indian civilization tribe-caste continuum and moreover on the concept of continuum.
305B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Various approaches to social change • Cultural and structural changes - why and how societies have changed over time. <p>Skills gained</p> <ul style="list-style-type: none"> • Apply the appropriate explanations to historical and contemporary social change • Create alternative scenarios for contemporary social changes using different explanations and their associated assumptions

		<p>Competency developed:</p> <ul style="list-style-type: none"> • Apply analytical approach to understand social change
306A	Social cultural Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Definition, Scope, Division, Dimension on Medical Anthropology • Concept of Health, Disease, Treatment and health seeking behaviour • Approaches of Medical Anthropology • Explanatory Models <p>Skill Gained</p> <ul style="list-style-type: none"> • Ability to understand the basic concept of Medical Anthropology. • Ability to develop concept of Health, Disease, Treatment and health seeking behaviour. • Ability to explore the approaches of Medical Anthropology and Explanatory Models. <p>Competency Developed</p> <ul style="list-style-type: none"> • Ability to work on medical anthropological issues • Ability to work on different approaches of Medical Anthropology • Ability to study on explanatory models
306B	Social cultural Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Concept and approaches of mother and child health • Concept of indigenous health • Healthcare Programmes and Services in India <p>Skill Gained</p> <ul style="list-style-type: none"> • Ability to understand mother and child healthcare issues • Ability to explore various Healthcare Programmes and Services available in India <p>Competency Developed</p> <ul style="list-style-type: none"> • Ability to work mother and child healthcare issues • Ability to evaluate various Healthcare Programmes and Services available in India
307A		<p>Knowledge gained</p> <ul style="list-style-type: none"> • Concept of Culture and social ecology • Concept of ecology, nature and culture <p>Skill Gained</p> <ul style="list-style-type: none"> • Ability to work on culture and ecology <p>Competency Developed</p> <ul style="list-style-type: none"> • Efficiency to work on environment and Anthropology

307B	Social cultural Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Concept of action anthropology, Development and Ethics, Business Anthropology and Social Marketing <p>Skill Gained</p> <ul style="list-style-type: none"> Ability to understand action anthropology Ability to develop the concept of ethical issues in Anthropological field work Ability to explore the anthropological knowledge in Business and social marketing <p>Competency Developed</p> <ul style="list-style-type: none"> Efficiency to work on action anthropology Business anthropology and Social Marketing Efficiency to consider the ethical issues in anthropological field work
308	Continuing Evaluation	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Class Test, Seminar, Comprehensive <i>viva-voce</i> <p>Skills gained:</p> <ul style="list-style-type: none"> Adapted creative abilities of preparation and presentation of seminar paper, interaction and communication skill. <p>Competency developed:</p> <ul style="list-style-type: none"> Developing personal assessment and achievements. Able to take part in cooperative discussion, share related perspectives and issues, expert knowledge, communication skill. Enrich the critical thinking, communication and convincing ability

(Group – B: Core and Elective courses in Physical Anthropology for 3rd Semester)

SEMESTER—I		
Course Code	Course Name	Course Outcomes
303A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Understanding the protein synthesis and other aspects of cell biology Understanding of the inborn errors of metabolism and their management Skills gained Describe the biological significance of DNA <p>Competency developed</p> <ul style="list-style-type: none"> Genetic counseling and genetic screening

303B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Understanding that there is nothing called a race • There is only 6% variation between races...so races do not exist • Understanding of multivariate analysis <p>Skills gained</p> <ul style="list-style-type: none"> • Understand genetic variation <p>Competency developed</p> <ul style="list-style-type: none"> • We all belong to a single genus and species • There are nothing called races, • Racism is also a myth
304A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Mating and Marriage pattern • Inbreeding • Hardy Weinberg equilibrium • Population Structure • Genetic distance <p>Skill gained</p> <ul style="list-style-type: none"> • Measure coefficient of inbreeding • Analyze the application of Hardy Weinberg principal • Describe various methods of studying population structure <p>Competency developed</p> <ul style="list-style-type: none"> • Understand population genetics
304B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Hormones related to growth and reproduction • Menarche • Menopause • Growth curves • Factors affecting growth <p>Skill gained</p> <ul style="list-style-type: none"> • Describe structure and function of human reproductive organ • Know the relationship between velocity curve and distance curve • Understand the factors associated with menarche and menopause <p>Competency developed</p> <ul style="list-style-type: none"> • Understand various factors affecting prenatal and postnatal growth
305A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Definition and scope of body composition • Techniques of body composition <p>Skills gained</p> <ul style="list-style-type: none"> • Understand Importance of body composition in human diversity <p>Competency developed</p> <ul style="list-style-type: none"> • Calculate body composition using various techniques
305B	Physiological anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Fundamentals of work physiology • Physical working capacity and physical fitness methodology • Cardio-respiratory functions

		<p>Skills gained</p> <ul style="list-style-type: none"> • Describe methodologies of physical fitness • Analyze the variations in respiratory functions with age and sex <p>Competency developed</p> <ul style="list-style-type: none"> • Understanding the impact of smoking, alcohol, air pollution and occupation on cardio-respiratory functions
306	Practical	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Craniogram • Craniometric and somatometric measurements • Body composition • Indices <p>Skill gained</p> <ul style="list-style-type: none"> • Measures human skull using craniogram • Calculate various indices from the measurements <p>Competency developed</p> <ul style="list-style-type: none"> • Understand the assessment of nutritional status and body composition in a population
307	Practical	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Importance of variables in human diversity • Hair, blood and dermatoglyphics in human diversity • Forensic anthropology • Metabolic syndrome and blood sugar <p>Skills gained</p> <ul style="list-style-type: none"> • Understand importance of dermatoglyphics in forensic anthropology <p>Competency developed</p> <ul style="list-style-type: none"> • Laboratory skills
308	Continuing Evaluation	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Class Test, Seminar, Comprehensive <i>viva-voce</i> <p>Skills gained: Adapted creative abilities of preparation and presentation of seminar paper, interaction and communication skill.</p> <p>Competency developed:</p> <ul style="list-style-type: none"> • Developing personal assessment and achievements. • Able to take part in cooperative discussion, share related perspectives and issues, expert knowledge, communication skill. • Enrich the critical thinking, communication and convincing ability

SEMESTER—IV		
Course Code	Course Name	Course Outcomes

401A	Social cultural Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Definition, scope and knowledge of urban anthropology • Urbanisation in India • Urbanisation and Industrialisation • Urban Poor <p>Skill Gained</p> <ul style="list-style-type: none"> • Ability to understand the concept of urban anthropology • Ability to know the urbanization process in India • The aspect of urban poor and its significance <p>Competency Developed</p> <ul style="list-style-type: none"> • To explore anthropological work in urban sector
401 B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Central themes of changing communications, social networks, and experiences of space and time, and the major economic, political and ideological dimensions of globalisation. • Emerging Issues related to Globalization • Human Resource Development in India <p>Skills gained</p> <ul style="list-style-type: none"> • Critically evaluate the change in the global world and the nature of development in the Indian context <p>Competency developed:</p> <ul style="list-style-type: none"> • Use globalization as a lens to understand the change in society
402A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Classification and characteristics of tribal regions • Indian Tribes: Geographical distribution • Tribal Policy: Colonial and post-colonial policies • Constitutional safeguards and provisions for scheduled tribes- • Strategies of Economic Development of Indian Tribes <p>Skills gained</p> <ul style="list-style-type: none"> • To know the ST population and their distribution in India <p>Ability to work on Tribal Policy and tribal development</p> <p>Competency developed:</p> <ul style="list-style-type: none"> • Efficiency to work on tribal population and related issues in Indian perspectives
402 B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Indebtedness, bonded labour, forms of tribal exploitation. Low literacy, unemployment, underemployment, health and nutrition. Role of cooperatives and other financial institutions. • Impact of industrialization and urbanization. • Planning and Development: Education, house, health, roads and communication, agriculture etc.; Five Year Plans; CDP, SMPT Blocks, TD Blocks and Tribal Sub-Plans; IRDP, ITDP, TRIFED, LAMPS, etc., forest policy; poverty alleviation programmes. Role

		<p>of NGOs. Tribal leadership. Development and displacement.</p> <ul style="list-style-type: none"> • Role of anthropology in tribal and rural development <p>Skills gained:</p> <ul style="list-style-type: none"> • Become able to know the ways of exploitation, Indebtedness, various aspects of tribal life and reasons of bonded labour and can able to know how the cooperatives/financial institutions can reduce the tribal exploitation. • Can assess the Impact of industrialization and urbanization on tribal life. • Can aware of the necessities of various policies and programmes for the development of tribal society. • Understand the ideas of anthropologists to develop the tribal and rural society. <p>Competency developed:</p> <ul style="list-style-type: none"> • Identifying the Basic problems of the tribal people of India • Implementation of fruitful plan and policies for the tribal development.
403A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Concept, nature and scope of demography • Population theories <ul style="list-style-type: none"> • Qualitative studies of human population processes (i.e. fertility, mortality, and migration) <p>Skills gained:</p> <ul style="list-style-type: none"> • Examine demographic dynamics in the context of a wide range of social, cultural, economic, and ecological variables. • Introduce basic qualitative and quantitative skills of demographic analysis as well as theories, methods <p>Competency developed:</p> <ul style="list-style-type: none"> • Demographic data collection
403B	Social cultural Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Definition, scope and concept of Human Rights • Contextual background of Human Rights • Indigenous Rights and Other Issues • Emerging Consequences and Implementations <p>Skill Gained</p> <ul style="list-style-type: none"> • Ability to understand the issue of Human Rights and its relationship with anthropology <p>Competency Developed</p> <ul style="list-style-type: none"> • Efficiency to work in the area of Anthropology and Human Rights
404 A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Environmental issues and problems with reference to the cultural values – focus on tribal community • Contemporary case studies to illustrate the environmental crisis situation <p>Skills gained:</p>

		<ul style="list-style-type: none"> • Learn ways in which different cultures conceptualize and interact with their environment - special emphasis on Indian cultures and values – tribal culture in particular. • Examine how Indian experience has shaped the ways in which Indians imagine and interact with the environment <p>Competency developed:</p> <ul style="list-style-type: none"> • Ability to give attention to environmental issues – and how conservation strategies may be undertaken • Provide policy recommendation
404 B	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Environment, People and Natural resources: Environmental degradation/hazards and human impact on the natural environment- displacement, rehabilitation and resettlement; deforestation and afforestation. Resource depletion and over exploitation of natural resources- political disturbances, migration and adaptation, culture in conflicts, regionalism, identity crisis, social disorganization, ethnicity, ethnic conflicts/violence, unrest among tribal communities. • Contribution of anthropology to the understanding of human insecurity, inequality, violation of basic human rights, regionalism, communalism and ethnic and political movements. • Development and Environment, Harmony and Conflict: Nature and culture, human security, inequality to equality, cultural clash–conflict resolution and peace; development and environment – harmony and conflict, the issue of sustainable development. <p>Skills gained:</p> <ul style="list-style-type: none"> • Can understand the relation of man and environment and natural resources • Become able to understand the effect of Environmental degradation/hazards and its impact on human and natural environment. • Can assess the ways of human insecurity, inequality, violation of basic human rights, regionalism, communalism and ethnic and political movements in regards to environmental degradation and depletion of natural resources • Can find out the link of Environment and development through sustainability and ensure the human security, equality, and peace. <p>Competency developed:</p> <ul style="list-style-type: none"> • Through insight relation among Environment, People and Natural resources. • Critically identifying the reasons of environmental degradation/hazards and human impact on the natural environment. • Understanding the reasons of human insecurity, inequality, violation of human rights in relation to environmental degradation.

		<ul style="list-style-type: none"> Viewing analytical aspects of sustainable development of environment and progress to ensure human security, equality, and peace
405 A	Social Cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Details about tribes and their social organization in Indian context. Tribal India and Indian culture and civilization Social and Cultural changes in the tribes of India: Tribe-non tribe interaction, religious conversions. Effect of modern education, technology, economic, political system, industrialization and urbanization factors and Constitutional safeguards etc. Issues of Tribal Rights: Forest, land water, natural resources, food, shelter, education, health, politics and law, social justice, etc. Position in politics, administration, law and democracy, decision and policy making, economy etc. <p>Skills gained:</p> <ul style="list-style-type: none"> Become aware of tribal society in respect to Indian culture and civilization. Developing idea about the factors of Social and Cultural changes in tribal India Can visualize the issues of Tribal Rights in all respects for their survival. <p>Competency developed:</p> <ul style="list-style-type: none"> Understanding of tribal society, their culture and cavitation and socio-cultural changes. Ability to analyze Tribal rights and their position in Indian socio-economic, power and political context, and Constitutional safeguards for them.
405B	Social cultural Anthropology	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Concept of Clinical medical anthropology, Health Services and role of anthropology Anthropology and Social Work Queer Anthropology <p>Skills gained</p> <ul style="list-style-type: none"> How to work on clinical medical anthropology Understanding the role of Anthropology in Health Services A contemporary issue about the medical anthropological study on queer population <p>Competency developed</p>

		<ul style="list-style-type: none"> Ability to understand the way of study on HIV, TB or other vulnerable ailments in the perspective of clinical medical anthropology To explore various health hazards of queer population
406	Practical : Social Cultural Anthropology	<p>Knowledge gained:</p> <p>Dissertation</p> <p>Skills gained:</p> <ul style="list-style-type: none"> Acquire specific technical skills relevant to the field and research, improve independent critical thinking, problem solving creativity, enquiry skills, decision making, effective communication and collaboration. <p>Competency developed</p> <ul style="list-style-type: none"> Implement learning tools, skill management, encouragement of team work, problem solving, proposal writing, data collection, data compilation, Qualitative analysis analyzing, generalization, testing objectives and hypothesis.
407	Continuing Evaluation	<p>Knowledge gained:</p> <ul style="list-style-type: none"> Class Test, Seminar, Comprehensive <i>viva-voce</i> <p>Skills gained:</p> <ul style="list-style-type: none"> Gain theoretical and technical abilities to prepare and presentation of seminar paper and ability to exchange ideas, thoughts and impart knowledge through communication. <p>Competency developed:</p> <ul style="list-style-type: none"> Developing individual assessment, self-assessment and achievements. Able to take part in cooperative discussion, share related perspectives and issues, expert knowledge, communication skill. Enrich the critical thinking, communication and convincing ability.

(GROUP – B: CORE AND ELECTIVE COURSES IN PHYSICAL ANTHROPOLOGY)

SEMESTER—IV		
Course Code	Course Name	Course Outcomes
401A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Definition and importance of demographic studies vital statistics Population theories Sampling Fertility, mortality and migration <p>Skill gained</p> <ul style="list-style-type: none"> Analyze various demographic methods Importance of vital statistics

		<ul style="list-style-type: none"> • Understand various population theories <p>Competency developed</p> <ul style="list-style-type: none"> • Understand the various sampling techniques • Understand the importance of studying fertility and mortality
401B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Senescence and aging • Somatotyping • Growth standards • Growth references <p>Skill gained</p> <ul style="list-style-type: none"> • Describe the effects of aging • Know the factors affecting menarche and menopause • Understand various methods of somatotyping <p>Competency developed</p> <ul style="list-style-type: none"> • Understand the growth charts and references
402A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Importance of human nutrition • Nutrients a brief idea • Obesity, metabolic syndrome <p>Skills gained</p> <ul style="list-style-type: none"> • Describe trace elements in assessing nutritional status <p>Competency developed</p> <ul style="list-style-type: none"> • How to assess nutritional status
402B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Importance of studying primates • Detailed idea of human evolution <p>Skills gained</p> <ul style="list-style-type: none"> • Analyze various changes associated with the process of hominization <p>Competency developed</p> <ul style="list-style-type: none"> • Understanding of primatology and human evolution
403A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Importance of personal identification • Detailed idea of forensic anthropology <p>Skills gained</p> <ul style="list-style-type: none"> • Estimate stature from long bones, foot and hand dimensions • Identify sex from skull and pelvis <p>Competency developed</p> <ul style="list-style-type: none"> • Role of a forensic anthropologist • Forensic anthropology as a career

403B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Importance of adaptation and human ecology Detailed idea of genetic counselling, screening, prenatal diagnosis etc <p>Skills gained</p> <ul style="list-style-type: none"> Describe ethnic differences in the prevalence of common diseases <p>Competency developed</p> <ul style="list-style-type: none"> Role of a genetic counselor Importance of adaptation in human diversity
404A	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Dermatoglyphics Morphology and types of human hair Forensic serology <p>Skill gained</p> <ul style="list-style-type: none"> Understand the importance of personal identification from finger prints Describe the role of forensic Anthropologists <p>Competency developed</p> <ul style="list-style-type: none"> Detailed idea of forensic anthropology Understand the application of dermatoglyphics and forensic serology in crime investigation
404B	Physical Anthropology	<p>Knowledge gained</p> <ul style="list-style-type: none"> Demography of early human population Palaeopathology <p>Skill gained</p> <ul style="list-style-type: none"> Describe palaeopathology and its relevance to understanding health Competence skeletal analysis and determination of demographic variable in Prehistoric populations <p>Competency developed</p> <ul style="list-style-type: none"> Detailed idea of forensic anthropology Understand the importance of palaeodemography in physical anthropology
405	Practical	<p>Knowledge gained</p> <ul style="list-style-type: none"> Descriptive statistics Probability Hypothesis testing T-test ANOVA <p>Skill gained</p> <ul style="list-style-type: none"> Detailed idea about SPSS Calculate descriptive statistics using SPSS Differences between two or more means Testing hypothesis using SPSS <p>Competency developed</p> <ul style="list-style-type: none"> Understand the importance of statistics in physical anthropology

		<ul style="list-style-type: none"> • Understand about the entry and analyze of a dataset in SPSS
406	Dissertation	<p>Knowledge gained</p> <ul style="list-style-type: none"> • Understand the importance of field work in physical anthropology • Know the methodology of collecting data for a particular topic • Describe Various technique during data collection • Learn application of SPSS for data entry and analysis <p>Skill gained</p> <ul style="list-style-type: none"> • Detailed idea about SPSS • Analysis their collecting data on a topic using SPSS <p>Competency developed</p> <ul style="list-style-type: none"> • Writing a report from their collected data
407	Continuing Evaluation	<p>Knowledge gained:</p> <ul style="list-style-type: none"> • Class Test, Seminar, Comprehensive <i>viva-voce</i> <p>Skills gained:</p> <ul style="list-style-type: none"> • Gain theoretical and technical abilities to prepare and presentation of seminar paper and ability to exchange ideas, thoughts and impart knowledge through communication. <p>Competency developed:</p> <ul style="list-style-type: none"> • Developing individual assessment, self-assessment and achievements. • Able to take part in cooperative discussion, share related perspectives and issues, expert knowledge, communication skill. • Enrich the critical thinking, communication and convincing ability.