

DEPARTMENT OF ANTHROPOLOGY

B.B.K. COLLEGE, NAGAON, BARPETA

Program Outcome	PO1. Knowledge and understanding: 1. Provide understanding of the essence of Biological Anthropology. 2. To impart the conceptual and theoretical knowledge of Social and Cultural Anthropology. 3. To provide an understanding of the prehistoric and archaeological background of evolution, variation and continuity of human society and culture. PO2. Practical Skills: Students learn to carry out practical work, in the field and in the laboratory. 1. Somatometry and somatoscopic observation. 2. Fossils identification. 3. Typo-technological Analysis of Prehistoric Tools and Ceramic technology. 4. Osteology. 5. Osteometry. 6. Craniometry. 7. Preservation methods of museum. 8. Cardio-vascular function. 9. ABO and Rh (D) Blood groupings. 10. Testing of Colour Vision (Colour Blindness). 11. PTC test. 12. Dermatoglyphics. 13. Field visit for tourism anthropology, ethnography etc. PO3. Individual and Team work: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary settings. PO4. Environment and sustainability: To understand the impact of human diversity in societal and environmental contexts and provide the knowledge for sustainable development. PO5. Modern tool usage: Application of modern techniques and instruments for DNA extraction, DNA quantification and Aliquoting. PCR and electrophoresis and Gel documentation. PO6. Intellectual Skills: 1. Think logically and organize tasks into a structured way. 2. Assimilate knowledge and ideas from reading and through internet. 3. Transfer of appropriate knowledge and methods from one topic to another within the subject. 4. Understand the evolving state of knowledge in a rapidly developing field. 5. Plan, conduct and write a report on an independent term project. PO7. Anthropologist and Society: Anthropologists know how important society is and how much it has changed over the past years. Every year something can change, it can be how people interact with each other, people's beliefs, or people's custom. Anthropologists are the one who observe these changes and do research on why or how things happened. PO8. Ethics: Apply ethical principles and commit to societal ethics and responsibilities and norms of the society. PO9. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.
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Program Specific Outcome	PSO1: Apply the knowledge of biological anthropology, basic human molecular genetics, socio-cultural anthropology and prehistoric archeology. PSO2: Understanding of the evolutionary stages of man. PSO3: To impart the anthropological knowledge of tribes, villages and peasantry of India. PSO4: To impart the knowledge about human adaptation in the ecological setting and on urbanization and industrialization process. PSO5: Provide an understanding of how to assess human biological diversity. PSO6: To impart the knowledge about the basic theories of culture and society in the study of Anthropology. PSO6: Provide an understanding of the growth of human from fetus into man. PSO7: To impart knowledge on research design formulation, fieldwork tradition, methods and techniques of data collection and ethics of research. PSO8: Provide an understanding of measuring changes in human population. PSO9: To impart knowledge about the applied aspects of Anthropology. PSO10: Provide an understanding of the forensic aspect of anthropology. PSO11: 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. PSO12: To impart the knowledge of anthropological theories of religion, the economics and political institutions, along with their interrelationship. PSO13: To provide an understanding of the paleontological and archeological background of evolution. PSO14: To impart the knowledge of conducting ethnographic fieldwork and apply the anthropological field methods for data collection.

ANTHROPOLOGY (Course Outcome)			
COURSE /SEMESTER	SUBJECT/PAPER CODE	TITLE OF THE PAPER	OUTCOME
SEMESTER-I	ANT-HC-1016	Introduction to Biological Anthropology	Theory: - Students will learn about the genesis and development of biological anthropology. - Learn about the aspects from which evolution and variation is studied. Practical: - The practical component will enable the students to learn how to use the instrument for taking somatometric measurements and somatoscopic observation.
	ANT-HC-1026	Introduction to Socio-Cultural Anthropology	Theory: - The basic theoretical knowledge about Social and Cultural Anthropology can be achieved. - The knowledge of first-hand data collection and analysis can be gained. Practical: - The practical component will enable the students to learn how to use various techniques in data collection in Social Anthropology.
SEMESTER-II	ANT-HC-2016	Archaeological Anthropology	Theory: - Student will be acquainted with archaeological background of prehistoric, protohistoric and historical evolution of human culture. Practical: - Students will have practical understanding of prehistoric culture through tool technology pottery technology.
	ANT-HC-2026	Fundamentals of Human Origin & Evolution	Theory: - Students will learn about the stages of human evolutionary development. - Will know about the fossil finds on the basis of which the evolutionary stages are identified. Practical: - Students will have practical understanding of living anthropoid skull, fossil anthropoid skull, fossil hominid skull, osteology and osteometry.
SEMESTER-III	ANT-HC-3016	Tribes and Peasants in India	Theory: - The anthropological knowledge and approach to study of tribes, villages and peasantry can be gained. - The problems, prospects, development and

			government policies for tribes, villages and peasants can be achieved. Practical: - Students are required to read and analyze any two of the ethnographies and prepare a report based upon it. - Museum visit and preparation of report: the report should include relevance of museum in anthropology, arrangement of specimens in ethnographic museum; Cleaning, treatment and preservation methods.
	ANT-HC-3026	Human Ecology: Biological & Cultural dimensions	Theory: - The knowledge on human adaptation in ecology will be gained. - The knowledge on urbanization and industrialization in human societies will be achieved. Practical: - Practical knowledge on body dimensions, cardiovascular function. - Research design pertaining to any problem and do a project based on it.
	ANT-HC-3036	Biological Diversity in Human Populations	Theory: - The students will learn about markers for understanding biological diversity. - Classical markers use for classifying races. - Classification of Indian population. Practical: - Students should be trained for identifying landmarks on the skull, taking accurate measurements on at least 3 skulls by standard techniques.
SEMESTER-IV	ANT-HC-4016	Theories of Culture and Society	Theory: - The knowledge of the basic theories of culture in Anthropology can be gained. - The knowledge of the basic theories of society in Anthropology can be gained. Practical: - To identify a topic relating to contemporary issue and formulate research questions and clearly identify the theoretical perspectives from which they are derived.
	ANT-HC-4026	Human Growth and Development	Theory: - Students will learn about concepts related with growth and stages of growth. - Students will learn bio-cultural factors that influence growth and development.

			Students will learn human body composition.
	ANT-HC-4036	Research Methods	Theory: - The knowledge on formulation of research design, application of methods and techniques in data collection will be obtained. - The ethics of research will be understood for an effective research study. Practical: - Project report writing – preparation of research problem, study design, data collection techniques, analysis and report writing based on somatometric, dermatoglyphic and serological data or social problem.
SEMESTER-V	ANT-HC-5016	Human Population Genetics	Theory: - Students will learn about mechanisms which create variation in gene frequencies. - Students will learn the method of assessing gene frequency variation. - Students will learn how ecological factors which help maintain gene frequencies. Practical: - Student should be trained in determining ABO and Rh blood groups by open slide method and test tube method. - Ishihara's Chart should be used to determine the colour blindness. Inferences should be recorded. - Student should be trained to test PTC testing ability through standard procedure.
	ANT-HC-5026	Anthropology in Practice	Theory: - The knowledge of Applied Anthropology, Action Anthropology and Role of Anthropology in development. - Student will gain knowledge of recent trend in anthropology. Practical: - Project report on constitutional provisions or evaluation of any development project. - Project on tourism. - Project on demographic profile. - Project on NGO/Corporate office/Panchayat office/Census office.
	ANT-HE-5016	Indian Archaeology	Theory: - The students will be familiar with the rich prehistoric past of the country. - The students will understand the prehistoric foundation on which the later course of history

			in the country developed. Practical: • Identification of prehistoric tools. • Application of Remote Sensing and GIS in Prehistoric Archaeology.
	ANT-HE-5026	Anthropology of Religion, Politics and Economy	Theory: • The knowledge on the anthropological theories of religion, economies and political institutions will be gained. • The knowledge on the interrelationship between religion, economies and political institutions will be achieved. Practical: • Case study of any of the social institute (religion, economic, political) with respect to culture perspective.
SEMESTER-VI	ANT-HC-6016	Forensic Anthropology	Theory: • Students will learn about distinguishing human from non-human skeletal remains. • Students will learn about the techniques of making personal identification. Practical: • Examination of finger prints and hand writing. • Analysis and interpretation of finger ball pattern types, palmar main lines and pattern index. • Finger print classification and development of chance prints and statistical treatment of the data collected.
	ANT-HC-6026	Anthropology of India	Theory: • 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. Practical: • Identify various traits/variables which can be used in racial classification. • Book review on Indian social structure such as caste, religion, tribe or rural population and its salient features. • Explore the biological diversity of any population group considering a minimum of five genetic traits.
	ANT-HE-6016	Dissertation	Practical: • 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.
	ANT-HE-6036	Demographic Anthropology	Theory: - Students will learn about the basis of demography and demographic theories. - Students will learn about the tools used for population change. Practical: - A student will collect and compile demographic data either from primary data or from different secondary sources and project report will be submitted for its evaluation.

Smriti
20/8/24

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Program Specific Outcome	PSO1: Apply the knowledge of biological anthropology, basic human molecular genetics, socio-cultural anthropology and prehistoric archeology.

	PSO2: Understanding of the evolutionary stages of man. PSO3: To impart the anthropological knowledge of tribes, villages and peasantry of India. PSO4: To impart the knowledge about human adaptation in the ecological setting. PSO5: Provide an understanding of how to assess human biological diversity. PSO6: To impart the knowledge about the basic theories of culture and society in the study of Anthropology. PSO7: Provide an understanding of the growth of human from fetus into man. PSO8: To impart knowledge of fieldwork tradition, methods and techniques of data collection and ethics of research. PSO9: To impart knowledge about the applied aspects of Physical as well as Socio-cultural Anthropology. PSO10: The broad objective of the course is to understand the racial elements of India with special reference to North east India. PSO11: To impart the knowledge of anthropological theories of religion, magic and science. PSO12: To impart the knowledge of conducting ethnographic fieldwork and apply the anthropological field methods for data collection.
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ANTHROPOLOGY (Course Outcome)			
SEMESTER - I			
COURSE /SEMESTER	SUBJECT/ PAPER CODE	TITLE OF THE PAPER	OUTCOME
SEMESTER-I	M 101	General Anthropology	- Students will learn about the uniqueness of anthropology. - Learn about the relevance of anthropological knowledge in the contemporary world.
	M 102	Physical Anthropology	- Provide understanding of the essence of Physical Anthropology. - Students will learn about the genesis and development of physical anthropology. - Learn about the aspects from which man's place in animal kingdom and variation is studied on the basis of race and racial criteria.
	M 103	Physical Anthropology (Practical)	- The practical component will enable the students to learn how to use the instrument for taking osteometric measurements. - It will also enable the students to learn how to draw bones of human skeleton and identify the human bones.
SEMESTER-II	M 201	Prehistoric Anthropology	- Student will learn about the introductory portion of prehistory. - Learn about the methods of studying prehistoric archaeology and divisions of prehistoric period. - To provide an understanding of the Prehistoric Lithic technology.
	M 202	Social and Cultural Anthropology	- The basic theoretical knowledge about Social and Cultural Anthropology can be achieved. - Will know about various subfields of social anthropology and some emerging fields.
	M 203	Physical Anthropology (Practical)	The practical component will enable the students to learn how to use the instrument for taking somatometric measurements and somatoscopic observation.
SEMESTER-III	M 301	Physical Anthropology	- The students will learn about evolutionary changes in human skeleton. - Learn about the elementary genetics. - They will also learn about the racial classification of mankind.
	M 302	Social Anthropology	The basic theoretical knowledge about marriage, family, kinship and kin based groups,

			property, social control, political organization and law.
	M 303	Prehistoric Anthropology (Practical)	Students will have practical understanding of prehistoric culture through tool technology.
SEMESTER-IV	M 401	Prehistoric Anthropology	- Students will learn about tool typology of palaeolithic period. - Learn about the Pleistocene and Holocene Lithic technology and methods of Archaeological classification.
	M 402	Social Anthropology	- The theoretical perspectives on culture can be achieved. - Students will learn about the culture and economy, language and arts.
	M 403	Prehistoric Anthropology	Students will have practical understanding of prehistoric tool technology through drawing.
SEMESTER-V	M 501	Physical Anthropology (Human Evolution)	- Students will learn about the theories of life and organic evolution. - Learn about the different stages of evolution and their phylogenetic position. - They will also learn about the ecological adaptation of man in different stresses.
	M 502	Prehistoric Anthropology	- The methods and principles of prehistoric archaeology can be achieved. - The knowledge of paleo-ecology and post-pleistocene climatic changes can be gained. - Students will learn about the Hominid Cultural Development in Europe and Africa.
	M 503	Social Anthropology (Indian Anthropology and Anthropology of Religion)	- Students will learn about the religion and supernaturalism. - Learn about the Indian society such as tribes, castes and peasants.
	M 504	Social Anthropology (Field Methodology , Tribes of North East India	- The knowledge of first-hand field data collection and analysis can be gained. - To impart the knowledge of tribal communities of NE India.
	M 505	Physical Anthropology (Practical)	Students will have practical understanding of comparative anatomy, fossil man, dermatoglyphics and physiological anthropology.

	M 506	Prehistory and Social Anthropology (Practical)	- Students will have practical knowledge of drawing of tools and ceramic technology. - They will also have practical understanding of museum method and project on filed methods.
SEMESTER-VI	M 601	Physical Anthropology (Human Genetics)	- Students will learn about the basic concept of human genetics . - Learn about the population genetics and causes of variation. And the relationship between man, heredity and environment.
	M 602	Prehistoric Anthropology	- Students will learn about the field archaeology - methods and techniques in archaeological exploration. - Learn about the Hominid Cultural development in India.
	M 603	Social Anthropology (Indian Anthropology)	- The knowledge of Indian society can be gained. - The understanding of emergence, growth and development of anthropology in India. - Learn about the pioneers of Indian Anthropology.
	M 604	Applied Anthropology	- Students will learn about the application of social anthropology in different fields. - Learn about the applied value of physical anthropology in Industry, paternity diagnosis, forensic anthropology and eugenics.
	M 605	Physical Anthropology (Practical)	- Students will have practical knowledge on craniometric measurements and angular measurements. - Learn about the practical understanding of determining ABO blood group system and Rh factor through open slide and test tube method.
	M 606	Social Anthropology (Technology and Filed work)	- The study of implements illustrative of material culture and economy of the tribal and non-tribal people of North East India can be gained. - The field work should be carried in any rural area on a specific community can be gained.

Shanika
20/8/24

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FYUGP ANTHROPOLOGY (Course Outcome)			
SEMESTER - I			
COURSE /SEMESTER	SUBJECT/PAPE R CODE	TITLE OF THE PAPER	OUTCOME
SEMESTER-I	ANT-	Foundations of Anthropology	Theory: • 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. • This will provide an understanding of the essence of Biological Anthropology with respect to evolution and variation. • Students will acquaint themselves with the prehistoric archaeological dimension of human society and its evolutionary context. Practical: • The practical component will enable the students to learn how to identify human bone and use of instruments to take measurements of human bones.
SEMESTER-II	ANT-	Fundamentals of Anthropology	Theory: • Student will learn the approaches to understand culture and society and critically assess the functioning of economic, political and religious institutions. • Analyze the changing ideas of evolutionary theories and understand the mechanisms of evolution and variation. • Students will be acquainted 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. Practical: • Students will have practical understanding of prehistoric culture through tool technology

DEPARTMENT OF ANTHROPOLOGY
BBK COLLEGE, NAGAON, BARPETA

			pottery technology.
SEMESTER-III	ANT-HC-3016	Tribes and Peasants in India	Theory: - The anthropological knowledge and approach to study of tribes, villages and peasantry can be gained. - The problems, prospects, development and government policies for tribes, villages and peasants can be achieved. Practical: - Students are required to read and analyze any two of the ethnographies and prepare a report based upon it. - Museum visit and preparation of report: the report should include relevance of museum in anthropology, arrangement of specimens in ethnographic museum; Cleaning, treatment and preservation methods.
	ANT-HC-3026	Human Ecology: Biological & Cultural dimensions	Theory: - The knowledge on human adaptation in ecology will be gained. - The knowledge on urbanization and industrialization in human societies will be achieved. Practical: - Practical knowledge on body dimensions, cardiovascular function. - Research design pertaining to any problem and

DEPARTMENT OF ANTHROPOLOGY
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			do a project based on it.
	ANT-HC-3036	Biological Diversity in Human Populations	Theory: - The students will learn about markers for understanding biological diversity. - Classical markers use for classifying races. - Classification of Indian population. Practical: - Students should be trained for identifying landmarks on the skull, taking accurate measurements on at least 3 skulls by standard techniques.
SEMESTER-IV	ANT-HC-4016	Theories of Culture and Society	Theory: - The knowledge of the basic theories of culture in Anthropology can be gained. - The knowledge of the basic theories of society in Anthropology can be gained. Practical: - To identify a topic relating to contemporary issue and formulate research questions and clearly identify the theoretical perspectives from which they are derived.
	ANT-HC-4026	Human Growth and Development	Theory: - Students will learn about concepts related with growth and stages of growth. - Students will learn bio-cultural factors that influence growth and development. - Students will learn human body composition.
	ANT-HC-4036	Research Methods	Theory: - The knowledge on formulation of research design, application of methods and techniques in data collection will be obtained. - The ethics of research will be understood for an effective research study. Practical: - Project report writing – preparation of research problem, study design, data collection techniques, analysis and report writing based on somatometric, dermatoglyphic and serological data or social problem.
SEMESTER-V	ANT-HC-5016	Human Population Genetics	Theory: Students will learn about mechanisms which create variation in gene frequencies.

DEPARTMENT OF ANTHROPOLOGY
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			- Students will learn the method of assessing gene frequency variation. - Students will learn how ecological factors which help maintain gene frequencies. Practical: - Student should be trained in determining ABO and Rh blood groups by open slide method and test tube method. - Ishihara's Chart should be used to determine the colour blindness. Inferences should be recorded. - Student should be trained to test PTC testing ability through standard procedure.
	ANT-HC-5026	Anthropology in Practice	Theory: - The knowledge of Applied Anthropology, Action Anthropology and Role of Anthropology in development. - Student will gain knowledge of recent trend in anthropology. Practical: - Project report on constitutional provisions or evaluation of any development project. - Project on tourism. - Project on demographic profile. - Project on NGO/Corporate office/Panchayat office/Census office.
	ANT-HE-5016	Indian Archaeology	Theory: - The students will be familiar with the rich prehistoric past of the country. - The students will understand the prehistoric foundation on which the later course of history in the country developed. Practical: - Identification of prehistoric tools. - Application of Remote Sensing and GIS in Prehistoric Archaeology.
	ANT-HE-5026	Anthropology of Religion, Politics and Economy	Theory: - The knowledge on the anthropological theories of religion, economies and political institutions will be gained. - The knowledge on the interrelationship between religion, economies and political

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BBK COLLEGE, NAGAON, BARPETA

			institutions will be achieved. Practical: • Case study of any of the social institute (religion, economic, political) with respect to culture perspective.
SEMESTER-VI	ANT-HC-6016	Forensic Anthropology	Theory: • Students will learn about distinguishing human from non-human skeletal remains. • Students will learn about the techniques of making personal identification. Practical: • Examination of finger prints and hand writing. • Analysis and interpretation of finger ball pattern types, palmar main lines and pattern index. • Finger print classification and development of chance prints and statistical treatment of the data collected.
	ANT-HC-6026	Anthropology of India	Theory: • 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. Practical: • Identify various traits/variables which can be used in racial classification. • Book review on Indian social structure such as caste, religion, tribe or rural population and its salient features. • Explore the biological diversity of any population group considering a minimum of five genetic traits.
	ANT-HE-6016	Dissertation	Practical: • 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.
	ANT-HE-6036	Demographic Anthropology	Theory: • Students will learn about the basis of demography and demographic theories. • Students will learn about the tools used for

DEPARTMENT OF ANTHROPOLOGY
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			population change. Practical: • A student will collect and compile demographic data either from primary data or from different secondary sources and project report will be submitted for its evaluation.
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Shanida
20/8/24