

**DEPARTMENT OF
ANTHROPOLOGY
B.A/B.Sc. ANTHROPOLOGY**

**AS PER NATIONAL EDUCATION POLICY-2020
COMMON MINIMUM SYLLABUS FOR ALL UTTARAKHAND
STATE UNIVERSITIES AND COLLEGES FOR
FIRST THREE YEARS OF HIGHER EDUCATION**

FACULTY OF SCIENCE / ART - 2022

Prepared by

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Department of Anthropology

Govt. P.G. College New Tehri

Sri Dev Suman Uttarakhand

Vishwavidyalaya

Badshahithaul, Tehri Garhwal
Uttarakhand

List of all Papers First to Six Semesters

Semester-wise Titles of the Papers in Anthropology

Semester-wise Titles of the Papers in B.A/B. Sc (Anthropology)					
Year	Semester	Course Code	Paper Title	Theory/ Practical	Credits
Certificate Course in Basic Anthropology					
First Year	I	ANTH101T	Social Anthropology	Theory	4
		ANTH 102P	Practical- Introduction to Anthropometry and Instrumentation	Practical	2
	II	ANTH 201T	Physical Anthropology	Theory	4
		ANTH 202P	Practical- Somatometry & Somatoscopy	Practical	2
Diploma Course in Developmental Anthropology					

Second Year	III	ANTH 301T	Paleoanthropology	Theory	4
		ANTH 302P	Practical- Craniometry & Osteology	Practical	2
	IV	ANTH 401T	Prehistoric Anthropology	Theory	4
		ANTH 402P	Practical- Prehistoric Tools & Material Culture	Practical	2
Degree Bachelor of Art/Science					
Third Year	V	ANTH 501T	Human Genetics	Theory	4
		ANTH 502T	Indian Anthropology	Theory	4
		ANTH 503 P	Practical- Serology and Dermatoglyphics	Practical	2
		ANTH 504R	Anthropological Theory & Thought	Theory	4
	VI	ANTH 601T	Research Methodology in Anthropology	Theory	4
		ANTH 602T	Tribal & Peasant culture	Theory	4
		ANTH 603P	Practical- Research Project (Based on Field Study)	Practical	2
		ANTH 604R	Biostatistics and Computational Anthropology	Theory	4

Programme : Certificate Course in UG (Science / Arts)

Year: First		Year: I
Subject: Anthropology		
Course Code: ANTH-101(T)		Course Title: Social Anthropology
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The students will be able to understand and apply the basic concepts like groups, institutions, organization and community in understanding of society and culture. * They should be able to appreciate the significance of social anthropology and its contemporary role in the society. * The students will be able to understand the nuances of formulating definitions of some of the universals like family, marriage, kinship and gender in human society. 		
Credits: 04		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Social Anthropology: Definition, Aims, Objective & Scope and Relationship with other Social Sciences.	10
2	Concept and Definition: Group, Community, Association, Institution, Society, Status and Role, Social Structure, Social Organization, Tribe, Caste and Class, Concept of Culture.	10
3	Basic Concept of Family, Kinship and Marriage: Universality of Family, Family-Form and Function, Type of Kinship, Kinship Terminology, Kinship Categories and Kinship Usage. Types of Marriage, Ways of Acquiring the mates.	10
4	Economic Organization: Meaning and Scope, Main Stages of Economic Development, Economic Mechanism in Primitive Society, Gift and Hospitality, Trade and Exchange.	10
5	Political Organization: Definition of Primitive Law, Justice in Primitive Society, Social Sanction, Social Control and Government, State and State less System.	10
6	Religion and Magic: Definition and Differences, Theories Regarding Origin of Religion, Magic, Totem and Taboos.	10

Suggested Books:

1. Majumadar D.M., Madan T. N.: An Introduction to Social Anthropology. (In Hindi and English)
2. Herskovits M. J.: Cultural Anthropology.
3. Roger Keesing: An Introduction of Cultural Anthropology.
4. Jha P. R., Barnwal D. and Jha R. K.: Anthropology Part – I.
5. Mishra Uma Sankar and Hasnen Nadeem: Social Cultural Anthropology. (In Hindi)
6. Monaghan John and Peter J.: Social and Cultural Anthropology.
7. Evans Pritchard: Social Anthropology.
8. Lucy Mair, An Introduction to Social Anthropology. (In Hindi)
9. Ember and Ember, An Introduction to Anthropology.

Programme : Certificate Course in UG (Science / Arts)		
Year: First	Semester: I	
Subject: Anthropology		
Course Code: ANTH-102 (P)	Course Title: Introduction to Anthropometry and Instrumentation	
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The students will be able to understand and apply the basic concepts of Anthropometry. * The students will be able to understand and apply the Instrumentation 		
Credits: 02	Core Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Practical (in hours per week): 0-0-2		
Unit	Topic	No. of lectures/ hrs (30)

1	Anthropometry- Brief Historical Background, Division of Anthropometry, Type of Measurement and Applications of Anthropometry.	10
2	Instrumentation-I: Anthropometry Rod, Spreading Caliper blunted, Spreading caliper pointed, Sliding caliper, vernier caliper, Skinfold Caliper etc.	10
3	Instrumentation-II: Osteometry Board, Goniometre, Parllelograph Crainiophore, Cubic Crainiophore, Diaptograph, Mandibulometre, Orbitometre, Palatometre, Centrifuge machine, weight machine etc.	10

Suggested Books:

1. Das B. M & Rajan Deka. : Physical Anthropology Practical.
2. Shukla B.R.K. and Rastogi: Laboratory Manual of Physical Anthropology.
3. Agnihotri B. Practical Physical Anthropology.

Programme : Certificate Course in UG (Science / Arts)		
Year: First		Semester: II
Subject: Anthropology		
Course Code: ANTH-201(T)		Course Title: Physical Anthropology
<p>Course Outcomes: Students will be</p> <ul style="list-style-type: none"> * Able to describe scope of studying biological anthropology. * Able to understand the human anatomy. * Familiar with the variation in primates and their behaviour. * Familiar with the basic principles of human evolution. 		
Credits: 04		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Physical Anthropology: Definition, Scope and relation with sciences.	10
2	Organic Evaluation: Lamarckism ,Neo- Lamarckism and Darwinism ,Neo Darwinism, Synthetic Theory. Inheritance:Mendel's Law of Inheritance, Non Mendelian Inheritance- Sex-Linkage: X and Y Linkage with examples.	10
3	Man Place in Animal Kingdom : General Characteristics of Chordata-Vertebrata, Mammal. Primates : Prosimian, Anthropeida, Hominidea, Position of Man in animal worlds. Comparative Anatomy (Man and Apes): Skull, Limb Bone & Girdles.	10
4	Cell: Its Structure and Function, Brief introduction of Endoplasmic reticulum, Ribosome, Golgi complex, Lysosome, Mitochondria , Nucleus ,Chromosome, Cell Division: Mitosis and Meiosis	10
5	Characteristics and Distribution of Caucasoid, Mongoloid and Negroid.	10

6	Elementary Blood Group: ABO Blood group and Rh factor , Dermatoglyphics : Finger Prints and Palm Prints .	10
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Suggested Books:

1. Craig Stanford, John S. Allen and Susan C. Anton : Biological Anthropology (2nd Edition).
2. John Buettner- Janusch: Origins of Man.
3. Simon E. L.: Primate Evolution: An Introduction to Man's Place in nature.
4. Das B. M. : Outline of Physical Anthropology.
5. Shukla B.R.K. and Rastogi : Physical Anthropology & Human Genetics .(In Hindi & English)
6. Vadhya N.K. & Pandey :Biological Anthropology.
7. Choubey Ramesh: Physical Anthropology. (In Hindi)
8. Jha Parfulla Rajan, Barnwal D. and Jha R. K. : Anthropology Part – II. (In Hindi)

Programme : Certificate Course in UG (Science / Arts)	
Year: First	Semester: II
Subject: Anthropology	
Course Code: ANTH-202 (P)	Course Title: Somatometry & Somatoscopy
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * Student will be Able to describe scope of Somatometric study. * Able to understand the Somatoscopic observation. * Able to understand the applications of Somatometry and Somatoscopy in anthropological field and society. 	

Credits: 02		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Practical (in hours per week): 0-0-2		
Unit	Topic	No. of lectures/ hrs (30)
1	Somatometry: Height Vertex, Height Tragus, Height Acromion, Height Radiale, Height Stylion, Height Dactylion, Sitting Height Vertex, Bi-acromial Diameter, Hand Length, Hand Breadth, Foot Length & Breadth, Body Weight, Maximum Head Length, Maximum Head Breadth, Nasal Length, Nasal Breadth, Cephalic Index, Nasal Index, Facial Index, Body Mass Index (BMI)	20
2	Somatoscopy: Hair Form, Nose Form, Eyes Form, Lips Form.	10

Suggested Books:

- 1- Das B. M & Rajan Deka. : Physical Anthropology Practical.
- 2- Shukla B.R.K. and Rastogi: Laboratory Manual of Physical Anthropology.
- 3- Agnihotri B. Practical Physical Anthropology.

Programme: Diploma Course in Developmental Anthropology UG (Science / Arts)		
Year: Second		Semester: III
Subject: Anthropology		
Course Code: ANTH-301(T)	Course Title: Paleoanthropology	
<p>Course Outcomes: Students will be</p> <ul style="list-style-type: none"> * Able to describe scope of different chronological methods * Able to understand the methods of studying human evolution * Familiar with the distribution and characteristics of early hominids. 		
Credits: 04	Core Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Paleoanthropology : Definition and Scope	10
2	Geological Time Scale and Dating Methods.	10
3	Fossils and Fossilization :Morphology of Fossils, Physico-chemical conditions for fossilization, Types and significance of Fossils.	10
4	Fossil Primates and Apes: Prosimian Primate, Propiopithicus, Dryopithicus, Ramapithicus/Sivapithicus, Kenyapithicus,Australopithicus Africanus and Paranthropus Robustus, Homo Habilis and its Characteristics and Distribution.	10

5	Homo Erectus and Homo Erectus Pekinensis: Distribution, Characteristics and Comparison, Solo Man, Heidelberg Jaw.	10
6	Homo sapiens neanderthalensis: Characteristics and Distribution, Classical and Progressive, Cro-magnon, Rhodesian Man.	10

Suggested Books:

1. Das B.M. : Outline of Physical Anthropology
2. Shukla B.R.K and Rastogi : Physical Anthropology and Genetics
3. Ghosh and Ghosh : Introduction to Physical Anthropology
4. Nath Surindar : Finger Print Identification.
5. Shukla B.R.K and Rastogi : Human Evolution. (In Hindi & English)
6. Singh U.P. : Human Genetics. (In Hindi)
7. VadhyaN.K. & Pandey : Biological Anthropology.
8. Choubey Ramesh : Physical Anthropology .(In Hindi)
9. Shukla B.R.K. and Rastogi : Human Genetics and Ethnic Variation. (In Hindi & English)

Programme: Diploma Course in Developmental Anthropology UG (Science / Arts)	
Year: Second	Semester: III
Subject: Anthropology	

Course Code: ANTH-302(P)		Course Title: Craniometry & Osteology
Course Outcomes: * Student will be Able to describe scope of craniometric study. * Able to understand the knowledge of bones . * Able to understand the comparative skeletal study of apes and human.		
Credits: 02	Core Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Practical (in hours per week): 0-0-2		
Unit	Topic	No. of lectures/ hrs (30)
1	Craniometry: Maximum Cranial Length, Maximum Cranial Breadth, Glabella-Inion Length, Nasion-Inion Length, Nasion-Basion Length, Bi-Maxillary Breadth, Nasal Length, Nasal Breadth Cranial Index, Cranial Nasal Index, Minimum & Maximum Frontal Breadth, Circumference of Skull, Length of Foramen Magnum, Upper Facial Height, Maximum Bizygomatic Breadth, Bimaxillary Breadth, Biogonial Breadth, Mandibular Length or Length of Lower Zaw.	20
2	Osteology: Identification of Bones- Skull Bones (Frontal, Parietal, Occipital, Temporal, Maxilla, Zygoma, and Mandible). Long Bones with Sex Determination (Hummers, Radius, Ulna, Femur, Tibia, Fibula), Scapula, Clavicle.	10

Suggested Books:

- 1- Das B. M & Rajan Deka. : Physical Anthropology Practical.
- 2- Shukla B.R.K. and Rastogi: Laboratory Manual of Physical Anthropology.
- 3- Agnihotri B. Practical Physical Anthropology.

Programme: Diploma Course in Developmental Anthropology UG (Science / Arts)	
Year: Second	Semester: IV
Subject: Anthropology	
Course Code: ANTH-401(T)	Course Title: Prehistoric Anthropology
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The Course will explain the basic concepts and terminology used in prehistoric archaeology. * Understand the chronological and cultural determinants of Indian prehistory. * Understand chronological and cultural determinants of European prehistory. * Appreciate the new trends in archaeological anthropology. * Able to describe understand the geological characteristic of India. 	

* Able to understand the evolution of Indian settlements and other complex cultures.		
Credits: 04		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Prehistory: Meaning and Scope, Classical, Historical, Proto-historic and Pre – historic Archaeological Anthropology.	10
2	Geological and Archaeological Time Scale: Time scale and their Relevance in Interpreting Human Evolution. Geological Framework Tertiary, Quaternary, Pleistocene and Holocene. Ice Ages during Miocene, Pliocene and Pleistocene, Glacial and Interglacial Periods, Causes of Ice Ages.	10
3	The three Age System- Paleolithic, Mesolithic and Neolithic Period, Chalcolithic Age, Iron Age, Bronze Age, Indus Valley Civilization	10
4	Dating method: Absolute and Relative Dating Method.	10
5	Pre-historic Dimension of Indian Culture: Paleolithic, Mesolithic, Neolithic Culture and Chalcolithic Cultures, Megalithic Culture.	10
6	Tools Typology and Technology: Paleolithic, Mesolithic and Neolithic Culture.	10

Suggested Books:

1. Agarawal D.P.: The archeology of India.
2. Hussnen Nadeem: General Anthropology.
3. Chaubey Ramesh: Archaeological Anthropology.
4. Bhattacharya D.K.: An outline of Indian Prehistory.
5. Agarawal, D.P.: Prehistoric Chronology and Radiocarbon Dating in India.
6. Ghosh, A.: Encyclopedia of Indian Archaeology.
7. Sali S.A.: Stone Age India.

8. Sankalia H.D.: Stone Age Tools: Their Techniques, Names and probable function.
9. Majumdar D.N. and Saran Gopal: Pragitihas. (In Hindi)

Programme: Diploma Course in Developmental Anthropology UG (Science / Arts)		
Year: Second		Semester: IV
Subject: Anthropology		
Course Code: ANTH-402(P)		Course Title: Pre-historic Tools & Material Culture
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * Student will be Able to describe scope of Tools study. * Able to understand the use of material culture and comparative study. * Able to understand the Technological change. 		
Credits: 02		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Practical (in hours per week): 0-0-2		
Unit	Topic	No. of lectures/ hrs (30)

1	Typo-technological Analysis of Prehistoric Tools: Identification, Interpretation and Drawings of the tool Types : Core Tool Types, Flake Tool Types, Blade Tool Types, Microlithic Tool Type, Neolithic Tool Type	20
2	Material Culture: Detail will be given by Department.	10

Suggested Books:

- 1- Agarawal D.P.: The archeology of India.
- 2- Hussnen Nadeem: General Anthropology.
- 3- Chaubey Ramesh: Archaeological Anthropology.
- 4- Bhattcharya D.K.: An outline of Indian Prehistory.
- 5- Sali S.A.: Stone Age India.
- 6- Sankalia H.D.: Stone Age Tools: Their Techniques, Names and probable function.

Programme: Degree Bachelor of (Science / Arts)	
Year: Third	Semester: V

Subject: Anthropology		
Course Code: ANTH-501(T)		Course Title: Human Genetics
Course Outcomes: Students will be- <ul style="list-style-type: none"> * Able to describe structure and function of human genome * Able to understand the use of inheritance pattern underlying genetic diseases * Familiar with types of genetic variations used to assess genetic traits/diseases 		
Credits: 04	Core Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Principles of Human Genetics: Concepts, Scope and Field of Human Genetics.	10
2	Genetics in Man: Mendelian Inheritance: Mendel's law and its Application to Man; Modes of Inheritance of Qualitative Mendelian Traits in Man-Autosomal Dominant, Autosomal Recessive and Sex-linked Inheritance. Lethal Gene.	10
3	Normal Human Karyotype in Mitosis and Meiosis, Chromosomal Aberration Autosomal and Gonosomal Anomalies.	10
4	Heredity: Method of Studying-Twin Method, Biology of Twinning Diagnosis of Zygosity, Pedigree Method, Heredity and Environment.	10
5	Mutation, Spontaneous and Induced, Chromosomal and Somatic. ABO and Rh Blood group, Dermatoglyphics.	10

6	Application of Human Genetics, Genetics Screening, Genetic Counseling and Genetic Engineering.	10

Suggested Books:

1. Das B. M.: Outline of Physical Anthropology
2. Shukla B.R.K. and Rastogi : Physical Anthropology & Human Genetics .(In Hindi & English)
3. Vadhya N.K. & Pandey : Biological Anthropology.
4. Choubey Ramesh: Physical Anthropology. (In Hindi)
5. Shukla B.R.K. and Rastogi : Human Genetics and Ethnic Variation (In Hindi & English)
6. Winchester: Human Genetics.
7. Singh U.P.: Human Genetics. (In Hindi)

Programme: Degree Bachelor of (Science / Arts)	
Year: Third	Semester: V
Subject: Anthropology	
Course Code: ANTH-502(T)	Course Title: Indian Anthropology
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The student will come to know new fields in anthropology and their relevance in human life. * Students will be familiarized about the Traditional Social Institutions of Indian Society in context of continuity and change. 	

Credits: 04	Core Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Growth and Development of Indian Anthropology , Crises and Issues in Indian Anthropology.	12
2	Understanding the Diversity of Indian Social System - Purusharatha., Ashram, Rina, Dharma, Varna and Jati, Caste and Tribe.	12
3	Social Change in India: Sanskritization & Westernization, Little & Great Tradition, Universalization & Parochialization, Secularism and Globalization, Backward class movement in India.	12
4	Anthropological Approaches in National Character Studies, Nature-Man-Spirit Complex, Tribe Caste Continuum, Sacred Complex, Dominant Caste, Gender & Socialization.	12
5	Ethnic Affinity of Indian Population-Pattern of Classification- Risley , Guha, Hutton, Haddon and its Merits and Limitation.	12

Suggested Books:

1. Hasnain Nadeem: Indian Anthropology. (In Hindi)
2. Sharma A.N.: Indian Anthropology. (In Hindi)
3. Hasnain Nadeem: Unifying Anthropology.
4. Mukharjee R.N. : Introduction of Social Anthropology.(In Hindi)
5. Ardener Shirley: The Social Anthropology of Women and feminist Anthropology.

Programme: Degree Bachelor of (Science / Arts)	
Year: Third	Semester: V
Subject: Anthropology	
Course Code: ANTH-503(P)	Course Title: Serology and Dermatoglyphics
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * Student will be Able to describe Blood groups study. * Able to understand the identification. * Able to understand the Palm and Finger prints identification and forensic importance. 	
Credits: 02	Core Elective
Max. Marks: 25+75	Min. Passing Marks: As per University Rules

Total No. of Lectures-Tutorials-Practical (in hours per week): 0-0-2		
Unit	Topic	No. of lectures/ hrs (60)
1	<p>ABO and Rh Blood groupings:</p> <p>Students should be trained in determining ABO and Rh Blood Groups of at least Five Subjects following Standard Method.</p>	20
2	<p>Dermatoglyphics:</p> <p>Candidates should be trained in taking the Prints and identification of Palm and Fingertips of at least Five Subjects.</p>	10

Suggested Books:

1. Das, B. M & Rajan Deka. : Physical Anthropology Practical.
2. Shukla B.R.K. and Rastogi: Laboratory Manual of Physical Anthropology.
3. Agnihotri B.: Practical Physical Anthropology.

Programme: Degree Bachelor of (Science / Arts)		
Year: Third		Semester: V
Subject: Anthropology		
Course Code: ANTH-504(T)		Course Title: Anthropological Theory & Thought
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The student will be able to examine contemporary theoretical debates about and within anthropology * Critically analyze the process of globalization and its effects upon cultures around the world. * Articulate an anthropological perspective on current issues and concerns 		
Credits: 04		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Evolution Theory: Bachofen. McLennan, Morgon, Frazer, and Taylor.	12
2	Diffusionism: British, German and American Diffusionism.	12
3	Functionalism and Structural-Functionalism: Malinowski and Radcliffe Brown.	12
4	Structuralism: Structural Analysis of Symbols, Myth and Totemism	12

	(Claude Levi- Strauss and E.R.Leach)	
5	Symbolism : Turner, Nadal, Culture and Personality Approach. New Ethnography and Semantic analysis	12

Suggested Books:

1. Clifford Geertz: The Interpretation of Cultures: Selected Essays.
2. Harris Marvin: Rise of Anthropological Theory.
3. Applebaum H.A.: Perspectives in Cultural Anthropology.
4. Barnard A.: History and Theory in Anthropology.
5. McGee R.J. and Warms R.L.: Anthropological Theories: An Introductory History.
6. Moore M. and Sanders T.: Anthropology in Theory: Issues in Epistemology.
7. Jha Makhan : An Introduction to Anthropological Thought.(In Hindi)
8. MisrhUma.S. Anthropological Thought.(In Hindi)
9. Pandey Gaya :History of Anthropological Thought. (In Hindi)

Programme: Degree Bachelor of (Science / Arts)	
Year: Third	Semester: VI
Subject: Anthropology	

Course Code: ANTH-601(T)		Course Title: Research Methodology in Anthropology	
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * Students will be able to draw genealogies and collect verbal as well as non verbal data. They would be able to prepare questionnaire and schedule to collect information on a specific topic and also organize and take notes in a focus group discussion. * They will be able to collect a life history and other data from a informant and analyse them to understand a problem given to them. * They will be able operationalise all these methods and undertake a field based research and prepare a report on a given topic 			
Credits: 04		Core Elective	
Max. Marks: 25+75		Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0			
Unit	Topic	No. of lectures/ (60)	hrs
1	Research Method: Basic Concepts, Social survey.	10	
2	Hypothesis: Meaning, Characteristics, Source, Importance & Limitation.	10	
3	Research Design: Exploratory, Descriptive and Experimental.	10	
4	Sources of Data Collection and Technique: Observation, Interview, Schedule, Questionnaire, Sampling. Report Writing.	10	
5	Statistical analysis: Mean, Mode, Median, Standard deviation.	10	

6	Use of Computer in anthropology.	10

Suggested Books:

1. Routledge & Paul Kagan: Notes and Queries in Anthropology.
2. H. Russel Bernard.: Research Methods in Cultural Anthropology.
3. Bruce L. Berg: Qualitative Research Methods for the Social Sciences.
4. Srivastava. V. K. (Ed.): Methodology and Fieldwork.
5. Sarantabos S.: Social Research.
6. Goode & Hatt: Research Methods in Social Sciences.
7. Mukharjee R.N. : Social Research and Statistics.(In Hindi)
8. Agarwal G.K & Pandey S.S.: Social Research and Statistics. (In Hindi)

Programme: Degree Bachelor of (Science / Arts)	
Year: Third	Semester: VI
Subject: Anthropology	
Course Code: ANTH-602(T)	Course Title: Tribal & Peasant Culture
<p>Course Outcomes:</p> <p>* This course will help students understand the problematic nature of the concepts of tribe and indigenous; how it differs from caste; understand the contemporary issues and challenges faced by the tribal's in India due to displacement, marginalization, globalization etc.</p> <p>* Analyse critically the plans and policies formulated for the welfare of tribes in India.</p>	

Credits: 04	Core Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Tribe: Definition, Concept of Tribes and General Characteristics of Tribes,	12
2	Tribes in India: Classification – Geographical, Linguistic and Racial . Social Life of Indian Tribes: Marriage Family and Kinship.	12
3	The Problems of Indian Tribes and Tribal Welfare, Constitutional Safeguard & provisions, Forest and Forest policies, Development Policies, Tribal Displacement and Problems of Rehabilitation , Tribal Movements.	12
4	Ethnographic Profiles of Uttarakhand Tribes: Bhotia, Jounsari, Boxa, Tharu and Raji.	12
5	Role of Anthropology in Tribal development.	12

Suggested Books:

1. Mukharje, R.Nath : Samajik Manavsastra ki Ruprekha.
2. Nadeem Husnain : Tribal India (In Hindi and English)
3. Srinivas, M.N: India Social Structure.
4. Upadhaya V.S & Gaya Pandey : Janjatiya Vikas

5. Chauhan V.S: Bharat ki Janjatiyan : Uttarakhand ke Sandarbh Main.

Programme: Degree Bachelor of (Science / Arts)		
Year: Third		Semester: VI
Subject: Anthropology		
Course Code: ANTH- 603(P)		Course Title: Dissertation (Based on Field Study)
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The students will learn about how to do fieldwork. * They will learn about use of various techniques of data collection. * They will learn about classification, interpretation and presentation of data. * They will also learn about writing a dissertation, selecting chapter headings and subheadings, writing references, footnotes, endnotes, etc. 		
Credits: 02		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Practical (in hours per week): 0-0-2		
Unit	Topic	No. of lectures/ hrs

		(30)
1	The Student shall be required to make Empirical Investigation on a SC/ST, Other Backward Class and Backward Areas, Villages etc. The Field Work should be of minimum 15 days outside from Campus/ College under the Supervision of Teacher and Staff.	10
2	The Report should be Prepared by Research Techniques and Methods. They shall submit a typed Project Report.	10
3	Project Report based on Bio-Social Anthropological Study.	10

Suggested Books:

1. Routledge & Paul Kagan: Notes and Queries in Anthropology.
2. H. Russel Bernard.: Research Methods in Cultural Anthropology.
3. Bruce L. Berg: Qualitative Research Methods for the Social Sciences.
4. Srivastava. V. K. (Ed.): Methodology and Fieldwork

Programme: Degree Bachelor of (Science / Arts)		
Year: Third		Semester: VI
Subject: Anthropology		
Course Code: ANTH-604(T)		Course Title: Biostatistics and Computational Anthropology
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The students will learn about basic concept of computer. * They will learn about use of various techniques of data analysis through use of software. * They will learn about classification, interpretation and presentation of data. * They will also learn about writing a dissertation, selecting chapter and Bio-statistical analysis of data etc. 		
Credits: 04		Core Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (60)
1	Introduction to Basic Components of Computers, Concepts of Hardware.	12
2	Concept and Application of Software - Introduction to MS-Office (MS-Word, MS-Excel, MS-PowerPoint).	12
3	Basic knowledge of Software's applied in Anthropological Data like Demography and Genetic Data.	12

4	Various types of representation of Population Data (Tabulation and Graph).	12
5	Biostatistical analysis: Mean, Mode, Median, Standard Deviation	12

Suggested Books:

1. Pearson Jerrold : Biostatistical Analysis 4th Edition.
2. Crawford : Anthropological Genetics: Theory, Methods and Applications
3. Benjamin M. Neale Eds: Statistical Genetics: Gene Mapping Through Linkage and Association
4. Pagano M.& Gauvreau K.: Principles of Biostatistics,

Minor Elective Courses in Anthropology

Minor Elective Courses	
Year:	Semester:

Subject: Anthropology		
Course Code: ANTH-701(T)		Course Title: General Anthropology
Course Outcomes: * The students will learn about the important general anthropology. * They will learn about later origin of Anthropology . * The students will also learn about the new departures in Evolution, stone age and social organization.		
Credits: 04		Minor Elective
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (40)
1	Anthropology: Definition, Aims and Scope. Recent and Emerging Trends of Anthropology: Cognitive Anthropology, Gender Anthropology, Symbolism Anthropology, Nutrition Anthropology, Sports Anthropology, Ethnicity, Ethno Science, Field work and Ethnography, Psychological Anthropology.	10
2	Origin of Anthropology: A Historical Perspective–Formulatory Period, Convergent Period, Constructive Period and Critical Period.	10
3	Different Branches of Anthropology: Physical, Socio-Cultural, Prehistoric and Linguistic Anthropology, their Inter-relationship with other Sciences.	10
4	Social Organisation: Marriage, Family and Kinship, Culture and its component.	10

Suggested Books:

1. Jurmain R., Kilgore L., Trevathan W. and Ciochon R.L.: Introduction to Physical Anthropology.
2. Kroeber A. L.: Anthropology.
3. Das B. M.: Outline of Physical Anthropology.
4. Evans Pritchard: Social Anthropology.
5. Jha Parfulla Ranjan, Barnwal D. And Jha R. K.: Anthropology Part – I & II.(In Hindi)

6. Shukla B.R.K. and Rastogi: Laboratory Manual of Physical Anthropology.
7. Jha Makhan: An Introduction to Anthropological Thought. (In Hindi)

Minor Elective Courses in Anthropology

Minor Elective Courses		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-702(T)	Course Title: Applied Anthropology	
Course Outcomes: * The students will learn about applied anthropology and the various fields in which anthropological knowledge can be applied. * They will learn about application of anthropological knowledge in the field of development and Anthropological museum. * They will also learn about application of anthropological knowledge for the welfare and development of vulnerable groups of people.		
Credits: 04	Minor Elective	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (40)
1	Applied Anthropology: History, Aims & Scope, Applied and Action Anthropology.	10

2	Anthropology and Tourism - Sacred Geography.	10
3	Anthropology as a Museum Subject: Museums in India and World; Methodology of Collection of Anthropological Objects through Field Work; Documentation Including Visual Documentation and Use of Computers. Conservation and Preservation, Methods of Display and Exhibition, Role of Anthropological Museums in Community life and National Integration.	10
4	Anthropology and S.C./S.T. Policy : Constitutional Safeguards and their Implementation.	10

Suggested Books:

1. Barnett H.: Anthropology in Administration.
2. Cochrane Y.: Development Anthropology.
3. Foster G.M.: Traditional Cultures and Impact of Technological Change.
4. Mair L.: Studies in Applied Anthropology.
5. Tax Sol: Action Anthropology.
6. Vidyarthi L.P (ed.): Applied Anthropology in India

Vocational/ Skill Enhancement Courses in Anthropology		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-705(T)	Course Title: Anthropology in Disaster Management	
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The students will learn about the definition and concepts related to the Disaster. They will also learn about the different approaches about the disaster. * The students will get to know about the disaster management and various types of disaster. * The students should be able to understand the disaster preparedness through the use of various warning systems, education, and ICT. * The students will also be able to understand and analyze the health, social. economic and psychological impact of various disasters and national policies. 		
Credits: 03	Vocational/ Skill Enhancement Course	
Max. Marks: 25+75	Min. Passing Marks: As per University Rules	
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (30)
1	Concept, Definitions and Nature of Disasters. Causes and Types of Disasters: Famines, Floods, Earthquakes, Epidemics', Wars Industrial. Disasters, Nuclear Disasters.	10
2	Anthropological approaches to study disasters - archaeological/historical, political ecology, socio-cultural behavioral,	10

	gendered perspective.	
3	Management of Disaster- Historical perspective, International and national agreements and protocols. Health, Education, Social and Economic impact of Disaster.	10

Suggested Books:

1. Das Veena and NandyAshis: Violence, Victimhood and the Language of Silence, Contributions to Indian Sociology.
2. Sharma Dhirendra: India's Nuclear Estate.
3. HaksarP.N. et. al.,: A Statement of Scientific Temper.
4. NandyAshish : Science, Authoritarianism and Culture.
5. Bidwai Praful: Atomic Power on the Run.
6. SharamaDhirendra (ed.): The Indian Atom: Power and Proliferation.
7. SharamaDhirendra: India's Nuclear Estate.
8. NandyAshis: The Bomb: The Illustrated Weekly of India.
9. Bajaj Jatinder K.: The Bhopal Tragedy: The Responsibility of the Scientific Community.
10. SahasrabudheySunil: Bhopal: Science Must Share the Blame.

Vocational/ Skill Enhancement Courses in Anthropology	
Year:	Semester:
Subject: Anthropology	
Course Code: ANTH-706(T)	Course Title: Communication & Visual Anthropology

Course Outcomes: * Students would be able to introduce themselves to the theories of Communication. * Students would be able to inculcate the knowledge of Communication models. * Students would be able to acquaint themselves with the various types of Communication. * The students will learn about Visual Anthropology and its scope. * They will learn about the theories of representation in visual media. * They will also learn about ethnographic films and photography.		
Credits: 03		Vocational/ skill Enhancement
Max. Marks: 25+75		Min. Passing Marks: As per University Rules
Total No. of Lectures-Tutorials-Theory (in hours per week): 4-0-0		
Unit	Topic	No. of lectures/ hrs (30)
1	Communication: Definition and Scope, Concept, Theories of Communication.	10
2	Anthropological Perspective of Communication in Society. Symbolic Forms and Art as a Form of Communication. Communication as Building Blocks for Culture and Personality.	10
3	Mass-media and Mass-communication. SITE Experience, Audio-Visual Documentation, Photography as a Research Methods, Fundamental concepts in visual anthropology. Usage of images in anthropological writings (Margaret Mead, Gregory Bateson, Malinowski)	10

Suggested Books:

1. Chambers, J.K. and P. Tradegil: Dialactology.
2. Hockett, C.F.A. course in modern Linguistics.
3. Marcus Banks and Howard Morphy, 1998, Rethinking Visual Anthropology.
4. Henley P. (2010). The Adventure of the Real. Jean Rouch and the Craft of ethnographic Cinema. Chiacago University Press .

5. Ruby, Jay. 1996. "Visual Anthropology." In *Encyclopedia of Cultural Anthropology*, David. Levinson and Melvin Ember, editors. New York: Henry Holt and Company, vol. 4:
6. Schneider A. and Wright C. (2010) *Between Art and Anthropology: Contemporary Ethnographic Practice*. Berg Publishers [Practical]