

Year wise Structure of B.A/B.Sc. in Anthropology (Core/Elective Courses and Projects)

Subject: Anthropology											
Course/Entry-Exit level	Year	Se m	Paper-1	Credits/h rs	Paper-2	Credits /hrs	Paper-3	Credits /hrs	Paper/ Research project	Credits /hrs	Total Credits/h rs
Certificate Course in Basic Anthropology	I	I	Social Anthropology	4/60	Practical - Introduction to Anthropometry and Instrumentation	2/30	-	-	-	-	6/120
		II	Physical Anthropology	4/60	Practical- Sometometry & Sometoscopy	2/30	-	-	-	-	6/120
Diploma Course in Developmental Anthropology	II	III	Paleoanthropology	4/60	Practical- Craniometry & Osteology	2/30	-	-	-	-	6/120
		IV	Prehistoric Anthropology	4/60	Practical- Prehistoric Tools & Material Culture	2/30	-	-	-	-	6/120
Bachelor of Science/ Art	III	V	Human Genetics	4/60	Indian Anthropology	4/60	Practical- Serology and Dermato glyphs	2/30	Anthropo logical Theory & Thought	4/60	14/240
		VI	Research Methodology in Anthropology	4/60	Tribal & Peasant culture	4/60	Practical- Dissertation (Based on Field Study)	2/30	Biostatistics and Computational Anthropology	4/60	14/240

Vocational/Skill Enhancement Courses in Anthropology :

- 1- General Anthropology 2- Applied Anthropology 3- Medical Anthropology 4- Ecological Anthropology 5- Disaster Management
6- Communication & Visual Anthropology 7- Tourism Anthropology 8- Linguistic Anthropology

Internal Assessment & External Assessment			
Internal Assessment	Marks 25	External Assessment	Marks 75
Assignments on any topic of the syllabus	10	External Assessment on the basis of University Examination System	
Seminar/Written Test	10	Research Project Work: Evaluation and Viva-voce by Internal and External Examiner	
Attendance	05		
	25		75

DEPARTMENT OF ANTHROPOLOGY

'FINAL DRAFT SYLLABUS'

FOR

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

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List of all Papers in 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
Course Outcomes: * 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. Mishar 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
Course Outcomes: Students will be * 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, Anthropeidea, 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

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. Vadhy 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
Course Outcomes:		
<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	
Course Outcomes: Students will be * 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, Propliopithicus, 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. ChoubeyRamesh : 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 Jaw.	20
2	Osteology: Identification of Bones- Skull Bones (Frontal, Parietal, Occipital, Temporal, Maxilla, Zygoma, and Mandible). Long Bones with Sex Determination (Humerus, 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
Course Outcomes: * 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.

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
Course Outcomes:		
* 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- Bhattacharya 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- * 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
Course Outcomes:		
<p>* The student will come to know new fields in anthropology and their relevance in human life.</p> <p>* Students will be familiarized about the Traditional Social Institutions of Indian Society in context of continuity and change.</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	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-Sprit 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
Course Outcomes: * 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	ABO and Rh Blood groupings: Students should be trained in determining ABO and Rh Blood Groups of at least Five Subjects following Standard Method.	20
2	Dermatoglyphics: Candidates should be trained in taking the Prints and identification of Palm and Fingertips of at least Five Subjects.	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
Course Outcomes: * 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 (Claude Levi- Strauss and E.R.Leach)	12
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> <p>* 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.</p> <p>* 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.</p> <p>* They will be able operationalise all these methods and undertake a field based research and prepare a report on a given topic</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	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
Course Outcomes:		
* 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.		
* Analyse critically the plans and policies formulated for the welfare of tribes in India.		
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 Manavsashtra 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,

Vocational/Skill Enhancement Courses in Anthropology

Skill Enhancement 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	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	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
5	Evolution- Lamarckism, Darwinism, Synthetic theory, migration, parallelism, convergence, genetic drift. Human evolution: Australopithecus to Homo sapiens.	10
6	The stone age: General features of Paleolithic, Mesolithic, Neolithic Periods	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)

Skill Enhancement 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		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	Applied Anthropology: History, Aims & Scope, Applied and Action Anthropology.	12
2	Anthropology and Tourism - Sacred Geography.	12
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.	12
4	Anthropology and SC/ST Policy: Constitutional Safeguards and Implementation.	12
5	Role of Anthropology in Development: Anthropology and Public Policy, Need Assessment and Community Development, Anthropology of NGO's, Water Management, Environment and Community Health, Social and Economic Sustainability, Cultural Resource Management.	12

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.

Skill Enhancement Courses		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-703(T)		Course Title : Medical Anthropology
Course Outcomes:		
* The students will be able to understand and apply the basic concept and significance of the medical anthropology.		
* They should be able to understand the cause of disease-illness in the society.		
* The students will be able to understand the health care system and health affecting factors in society.		
* The students will be able to understand the traditional medical system and role of practitioner in 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	Medical Anthropology: Definition, Aim, Scope and Subject Matter of Medical Anthropology. Historical Development of Medical Anthropology.	10
2	Contribution in Medical anthropology: W.H.R. Rivers, Forest Clements., E.H. Ackerknecht, Margaret Mead, Benjamin D.Paul, George M. Foster and Anderson. Alexander Alland, Frederich L. Dunn, Horacio Fabrega. P.C Joshi.	10
3	Medical Systems: Medical Systems as Cultural and adaptive Systems. Indian Traditional System of Medicine.	10
4	Health Care Delivery System: Therapeutic Interview (Doctor-patient relationship); Community Health, Preventive Measures. Health for All by 2000 A.D. Health affecting factors.	10
5	Folk Psychiatry- Mental Illness; Therapeutic Elements in Magico-Religious Healing and Folk Practitioner	10
6	Traditional Medicines in the Central Himalayas: Specialized, Generalized and Home medicines Sectors. Forms of Traditional Medicines: Natural and Supernatural.	10

Suggested Books:

1. Foster G.M & Anderson B.G: Medical Anthropology.
2. Brown Q.G et al: Understanding and Applying Medical Anthropology.
3. Kalla A.K & Joshi P.C: Tribal Health and Medicine.
4. Helman C.: Culture, Health and Illness.
5. Jha Parfulla Rajan, Barnwal D. and Jha R. K.: Anthropology Part – I (In Hindi)
6. Pandey Gaya: Medical Anthropology (Hindi & English)

Skill Enhancement Courses		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-704(T)		Course Title: Ecological Anthropology
Course Outcomes:		
* The students will be critically able to understand the contemporary ecological issues and how they are shaped by social and cultural factors.		
* They will be able to understand and apply the important indigenous and alternative models of ecology to issues of sustainable development and climate change.		
* They will also learn about the relationship between ecology and state formation.		
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	Ecological Anthropology: Aims and scope.	12
2	Environment and Habitat: Evolution of Dwelling Forms; Major Types of Settlement Patterns in India; House Types and Construction Techniques	12
3	Ecology and Subsistence Strategies: Hunting-gathering; Horticulturist; Pastoral; Shifting Cultivation: Agro-pastoralism.	12
4	The Symbolic Relationship: Man, Nature and Spirit (Maler); Man, Nature and Animal.	12
5	Himalayan Ecology: Issues and Trends; Himalaya State of Natural Environment Himalaya-Cultural Mosaic; Himalayan Eco-system Man-Nature Interaction; Threats-Demographic; Technological and Human Activities.	12

Suggested Books:

1. Descola Philippe, Gisli Palsson.: Nature and society: anthropological perspectives.
2. Cohen Yehudi A.: Man in adaptation: the cultural present.
3. Guha Ramachandra. : The unquiet woods: ecological change and peasant resistance in the Himalaya.
4. Guha Ramachandra.: Social ecology. Oxford in India readings in Sociology and Social Anthropology.

Skill Enhancement Courses		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-705(T)		Course Title: Anthropology in Disaster Management
Course Outcomes: * 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: 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	Concept, Definitions and Nature of Disasters. Causes and Types of Disasters: Famines, Floods, Earthquakes, Epidemics', Wars Industrial. Disasters, Nuclear Disasters.	12
2	Anthropological approaches to study disasters - archaeological/historical, political ecology, socio-cultural behavioral, gendered perspective.	12
3	Management of Disaster- Historical perspective, International and national agreements and protocols.	12
4	Health, Education, Social and Economic impacts of Disaster.	12
5	The Welfare State and Disasters: The Role of the State in Preventing, Apprehending and Management Disasters.	12

Suggested Books:

1. Das Veena and NandyAshis: Violence, Victimhood and the Language of Silence, Contributions to Indian Sociology.
2. Sharma Dharendra: 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.

Skill Enhancement Courses		
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: 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	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,	10
4	Fundamental concepts in visual anthropology. Usage of images in anthropological writings (Margaret Mead, Gregory Bateson, Malinowski)	10
5	Theory and Representation. Anthropology and Images: Ethno photography and Ethnographic films and mass media. Theories of representation, modern media and political Advocacy.	10
6	Ethnographic Photography: Conventions and Methodologies. Paradigms and Debates Ethnographic Films, Theoretical issues concerning ethnographic film, Film for Development.	10

Suggested Books:

1. Chambers, J.K. and P. Trudgill: *Dialectology*.
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]

Skill Enhancement Courses		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-707(T)		Course Title: Tourism Anthropology
Course Outcomes: * Students would be able to introduce themselves to the Tourism. * Students would be able to inculcate the knowledge of Himalayan Pilgrimages. * The students will learn about Tourism Anthropology and its scope. * They will learn about the pilgrimage.		
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	Tourism- Definition, history, aspects and prospects, Role of anthropology in tourism.	12
2	Theoretical concerns, tourist as ethnographer; pilgrimage and Authenticity Issues.	12
3	Branches of tourism: Ecotourism, Medical tourism, Archaeological tourism and other types tourism. Tourism and the commoditization of culture or cultural degradation.	12
4	Understand the global economy of contemporary tourism; role of museums and other branches of the cultural industries" (including music, art, and food) in tourism economies; tourism and global mobility.	12
5	Rise of the socio-cultural study of tourism including temporary migration, colonial exploration, pilgrimage, imagined and remembered journeys in Utrakhand.	12

Suggested Books:

- 1- Chambers E. (2000). Native Tours: The Anthropology of Travel and Tourism. Prospect Heights: Waveland Henley P. (2010).
- 2- Gmelch SB. (2004). Tourists and Tourism: A Reader. Long Grove: Waveland
- 3- Dann G. (2002). The Tourist as a Metaphor of the Social World. Wallingford: CAB International
- 4- Nash D. (1996). Anthropology of Tourism. New York: Pergamon
- 5- Kirshenblatt-Gimblett B.(1998). Destination Culture: Tourism, Museums, and Heritage. University of California Press.
- 6- Lippard LR. (1999). On the Beaten Track: Tourism, Art and Place. New Press.
- 7- Picard M and Wood R. (1997). Tourism, Ethnicity, and the State in Asian and Pacific Societies. University of Hawai Press.

- 8- Richard B. (1992). Alternative Tourism: The Thin Edge of the Wedge. In Valene Smith and Eadington Tourism (eds.). Alternatives: Potentials and Problems in the Development of Tourism.

Skill Enhancement Courses		
Year:		Semester:
Subject: Anthropology		
Course Code: ANTH-708(T)		Course Title: Linguistic Anthropology
Course Outcomes: * The students will learn about nature of language and Indian linguistic knowledge . * They will learn about structural analysis and linguistic features.		
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	Linguistics Anthropology: Definition, Meaning and Scope. Uniqueness of Human Language. Genetic Basis of Language.	12
2	Nature of Language: Phonology, Morphology, Syntax, Paralanguage, Gesture, Semantics, Socio linguistics, Speech act.	12
3	Structural Analysis in Linguistics and Anthropology (Levi-Strauss).	12
4	Folk Classification: Ethno semantics, Taxonomic Systems, Componential Analysis. Marginal Languages: Jourgons and Creole Dialects.	12
5	India as a Linguistic Area. Linguistic Features of Central, Western , Garhwali, Kumauni and Jaunsari.	12

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Suggested Books:

1. Chambers, J.K. and P. Tradegil: Dialactology.
2. Hockett, C.F.A. Course in modern Linguistics.
3. Edwin Ardner : Social Anthropology and Language
4. J.Gumperz and D.Hymes : Directions in Social Linguistics.
5. R.H Robbins : General Linguistics (Also available in Hindi).
6. Harish Sharma : Bhasha Vigyan ke Ruprekha.

