

Department of Anthropology

SYLLABUS

For

B.A/B.Sc. I To IV Semester

Vocational/ Skill Enhancement Courses in Anthropology

Prepared by

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Deptt. of Anthropology

Govt. P. G. College New Tehri, Tehri Garhwal

Vocational/ Skill Enhancement Courses in Anthropology		
Year: 1		Semester: I
Subject: Anthropology		
Course Code: ANTH-705(T)		Course Title: Anthropology in Disaster Management I
<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 various types of disaster. * The students should be able to understand the classification. 		
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 (40)
1	Concept, Definitions and Nature of Disasters. Causes and Types of Disasters: Natural and man Made	10
2	Anthropological approaches to study disasters - archaeological/historical, political ecology, socio-cultural behavioral, gendered perspective.	10
3	Classification of Disaster : Earthquake Disaster, Flood Disaster, Landslide Disaster and Drought.	10
4	Tsunami Wave Disaster, Avalanche Disaster, Forest Fire Disaster, Cloud Burst and lightning struck Disaster	10

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.

Vocational/ Skill Enhancement Courses in Anthropology		
Year: 1		Semester: II
Subject: Anthropology		
Course Code: ANTH-706(T)		Course Title: Anthropology in Disaster Management II
Course Outcomes: * The students will learn about Climate Change and disaster and Gender and Disaster.. * The students will get to know about the Impact of Disaster in Health, Education and Social - Economic. * The students should be able to understand the Risk, Vulnerability, Disaster Preparedness and Safety Measures .		
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 (40)
1	Climate Change and disaster, Disaster in longitudinal perspective, Gender and	10

	Disaster.	
2	Impact of Disaster in Health, Education and Social - Economic.	10
3	Risk, Vulnerability, Disaster Preparedness, Prediction, Early Warning System.	10
4	Safety Measures and Major Disaster Events in Uttarakhand.	10

Suggested Books:

11. Das Veena and NandyAshis: Violence, Victimhood and the Language of Silence, Contributions to Indian Sociology.
12. Sharma Dhirendra: India's Nuclear Estate.
13. HaksarP.N. et. al.,: A Statement of Scientific Temper.
14. NandyAshish : Science, Authoritarianism and Culture.
15. Bidwai Praful: Atomic Power on the Run.
16. SharamaDhirendra (ed.): The Indian Atom: Power and Proliferation.
17. SharamaDhirendra: India's Nuclear Estate.
18. NandyAshis: The Bomb: The Illustrated Weekly of India.
19. Bajaj Jatinder K.: The Bhopal Tragedy: The Responsibility of the Scientific Community.
20. SahasrabudheySunil: Bhopal: Science Must Share the Blame.

Vocational/ Skill Enhancement Courses in Anthropology	
Year: 2	Semester: III
Subject: Anthropology	
Course Code: ANTH-707(T)	Course Title: Anthropology in Disaster Management III
Course Outcomes: * The students will learn about the Management of Disaster.	

* The students will get to know about the Disaster Response, Mitigation.		
* The students should be able to understand the Role of Government and NGO's, SDRF and NDRF. Role of local body and Community Based Disaster Management.		
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 (40)
1	Management of Disaster – Historical Perspective, International and National agreements and Protocols.	10
2	Disaster Response, Mitigation. The Role of State in Preventing , Apprehending and Disaster Management.	10
3	Role of Information, Education communication in Disaster Management .	10
4	Role of Government and NGO's, SDRF and NDRF. Role of local body and Community Based Disaster Management	10

Suggested Books:

21. Das Veena and NandyAshis: Violence, Victimhood and the Language of Silence, Contributions to Indian Sociology.
22. Sharma Dharendra: India's Nuclear Estate.
23. HaksarP.N. et. al.,: A Statement of Scientific Temper.
24. NandyAshish : Science, Authoritarianism and Culture.
25. Bidwai Praful: Atomic Power on the Run.
26. SharamaDhirendra (ed.): The Indian Atom: Power and Proliferation.
27. SharamaDhirendra: India's Nuclear Estate.
28. NandyAshis: The Bomb: The Illustrated Weekly of India.
29. Bajaj Jatinder K.: The Bhopal Tragedy: The Responsibility of the Scientific Community.
30. SahasrabudheySunil: Bhopal: Science Must Share the Blame.

Vocational/ Skill Enhancement Courses in Anthropology		
Year: 2		Semester: IV
Subject: Anthropology		
Course Code: ANTH-708(T)	Course Title: Anthropology in Disaster Management IV	
<p>Course Outcomes:</p> <ul style="list-style-type: none"> * The students will learn about the Disaster Management in India. Disaster Management Act. 2005. * The students will get to know about the National Policy of Disaster Management-2009 * The students should be able to understand the Relief, Recovery, Reconstruction and Rehabilitation. Education and Employment in Disaster Management. 		
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 (40)
1	Disaster Management in India : Background, National Disaster Management Act. 2005.	10
2	National Policy of Disaster Management-2009, Disaster Management cycle in INDIA	10
3	Disaster Management: Relief, Recovery, Reconstruction and Rehabilitation.	10
4	Education and Employment in Disaster Management. Steps of Disaster Management, Challenges and solution of Disaster Management.	10

Suggested Books:

31. Das Veena and NandyAshis: Violence, Victimhood and the Language of Silence, Contributions to Indian Sociology.
32. Sharma Dharendra: India's Nuclear Estate.
33. HaksarP.N. et. al.,: A Statement of Scientific Temper.
34. NandyAshish : Science, Authoritarianism and Culture.
35. Bidwai Praful: Atomic Power on the Run.
36. SharamaDhirendra (ed.): The Indian Atom: Power and Proliferation.
37. SharamaDhirendra: India's Nuclear Estate.
38. NandyAshis: The Bomb: The Illustrated Weekly of India.
39. Bajaj Jatinder K.: The Bhopal Tragedy: The Responsibility of the Scientific Community.
40. SahasrabudheySunil: Bhopal: Science Must Share the Blame.

Department of Anthropology

Syllabus

for

B.A/B.Sc 4 year (Semester VII & VIII) Anthropology

As per National Education Policy 2020

**Common Minimum Syllabus for all Uttarakhand State University And colleges for
Forth year**

Prepared by

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Department of Anthropology

Govt. P.G. College New Tehri

**Sri Dev Suman Uttarakhand Vishwavidyalaya Badshahithaul Tehri Garhwal,
UTTARAKHAND**

Anthropology

NEP Under Graduation Programme (B.A/ B.Sc) 4th year

Year	Sem.	Course/ Paper	Credit	Anthropology Minor	Research Project	Credit	Total Credits
4 th	I	ANTH701T Physical Anthropology	4	ANTH707M Applied Anthropology Credit-4	ANTH706 Research Project	4	52
		ANTH702T Social and cultural Anthropology	4				
		ANTH703T Pre-Historic Anthropology	4				
		ANTH704T Research Methods in Anthropology	4				
		ANTH705P Practical Anthropometry and Osteology	4				
	II	ANTH801T Economic and Political Anthropology	4	ANTH806 Research Project	4		
		ANTH802T Human Genetics and Ethnic variation	4				
		ANTH803T Pre-Historic cultures	4				
		ANTH804T Research data analysis in Anthropology	4				
		ANTH805P Practical prehistoric and material culture	4				

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-701T	Course Title: Paper I Physical Anthropology	
<p>Course Outcomes:</p> <p>* The students will learn about the Meaning and scope of physical Anthropology, Living Primates; Primate classification, Theories and Principles of-Evolution and Principal of human Genetics.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Meaning and scope of physical Anthropology. Human Place in Animal Kingdom.	10
2	Living Primates; Primate classification; Tree Shrew, Lemur, Loris; Tarsius, new word Monkeys, Old Word Monkeys. Hominoid Gibbon and Siamang; Orangutan; Gorilla; Chimpanzee; The Human.	10
3	Theories and Principles of-Evolution: Lamarckism; Neo- Lamarckism ; Darwinism Neo Darwinism; Parallelism; Convergence; Orthogenesis; Synthetic theory of Evolution .	10
4	Principal of human Genetics: Biological basics of life : The Cell; Cell structure; Chromosome; mitosis; and meiosis; Sex Chromosomes; DNA structure and Code; theory of gene ; point Mutation	10

Books Recommended :

1. Roy , Indrani Basu,2003 Anthropology: The study of man. S chand and co. New Delhi.
2. Garm. S.M.1971 human races: sping field: Chals C. Thomas
3. Coon, C.S. 1968 .Origin of Races
4. B.M Das: An introduction of physical Anthropology
5. Ghosh & Ghosh – Physical Anthropology
6. Naresh k vadia- Biological Anthropology
7. B.R.K Shnkla & Sudha Rastogi- Human genetics and races
8. Practical Anthropology by – M.k Bhasin & J.P singh

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-702T	Course Title: Paper II Social and cultural Anthropology	
<p>Course Outcomes:</p> <p>* The students will learn about the Social Anthropology, Cultural Relativism: holism, Concept and Definition social Institutions. Importance of marriage as an institution in Human society and Universal Definition of Religion; theories of Religion Universality of family : Family- form and function.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Social Anthropology: Meaning and Scope: Cultural Relativism: holism and Cross-Cultural. Concept and Definition: Group; Community, Association; Institution: Society: Status and Role; Social Structure Organization; Tribe; Village: Culture.	10
2	Marriage: Importance of marriage as an institution in Human society; problem of Universal Definition : Incest and Exogamy; preferential and prescriptive categories of marriage ; cultural variation in acquiring spouse in tribal societies ; marriages payment –bride price and dowry; polyandry and polygamy in India.	10
3	Family: Universality of family : Family- form and function ; Rules of residence , hindu joint family and change, development cycle of	10

	domestic groups .	
4	Religion: Universal Definition of Religion; theories of Religion – Psychological sociological and anthropological , Magic , Religion and science totemism	10

Books Recommended :

1. Beals, Ralph and Harry Hoijer : introduction to Anthropology
2. Bohaman, Paul : Social Anthropology
3. Firth, Raymond: Element of social Organization
4. Mair,L: Introduction to Social Anthropology
5. Madan and Majumdar : An introduction to social anthropology.
6. Mair.L.: Introduction to social anthropology
7. Firth, raymond : Elements of social anthropology

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-703T	Course Title: Paper III Pre-Historic Anthropology	
<p>Course Outcomes:</p> <p>* The students will learn about the Introduction to Pre-Historic Anthropology, Geological and Archeological Time Sale, Dating Method and Tool Typology and Technology.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Introduction to Pre-Historic Anthropology Pre-Historic Anthropology ,Relation of Anthropology with Science, Social Sciences and Anthropology Major branches, Pre-history and Ethno-Archeology.	10
2	Geological and Archeological Time Sale: Time Sale 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	3. Dating Method: Relating and Absolute Dating. River terraces, stratigraphic dating, palynology, Radiocarbon dating, potassium Argon dating, Thermo luminescence, Dendochronology, archeology, archeomagnetism etc, Cultural Chronology, The three Age system, stone/ copper/bronze/iron age (Paleolithic, Mesolithic and Neolithic period	10
4	Tool Typology and Technology: Stone tool typology: pebble tools: chopper chopping tools: bi-faces hand –axe, cleaver, scraper, blade,	10

	microlith grinding stone : ring stones. Technique: percussion, block on block, stone hammer, cylinder hammer, clactonian and levalloisian . Blade, grinding and polishing, artifacts typology/ pottery and other evidences identification and interpretation of stone tools and fossils.	
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Books Recommended:

1. Agarwal, D.P. 1982. The Archeology of India, New Delhi
2. Agarwal,D.P. 1974. Prehistoric Chronology and Radiocarbon Dating in India, New Delhi
3. Ghosh,A, 1973. encyclopedia of Indian Archeology, New Delhi
4. Rami Reddy 1977, Element of prehistory
5. lanusch Buettner 1966 Origin of Man John Wiley & sons inc,New York
6. Sankalia,H.D. 1964, Stone Age Tools: their techniques, names and probable function, Deean College,Pune
7. Dr. Ramesh chube – Puratatwik Manav vigyan.
8. Agarwal D.P 1982- the archeology of India, New Delhi

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-704T	Course Title: Paper IV Research Methods in Anthropology	
<p>Course Outcomes:</p> <p>* The students will learn about the Field work tradition in all branches of Anthropology, Research design: Aims, Objectives and types and Method and techniques of data collection.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Field work tradition in all branches of Anthropology to gain holistic prospective, special research and social survey: logical historical and scientific methods, Hypothesis : sources, characteristics and importance, Ethnographic methods.	10
2	Research design: Aims, Objectives and types, Sources of Data: primary and secondary sources	10
3	Method and techniques of data collection- primary data collection: questionnaire	10
4	Interview, Schedule ,case study, method, audio visual recording, method of observation and Genealogy. Secondary data collection: Census, National Sample Survey.	10

Books Recommended:

1. Goode & Hatt. Method in Social Research
2. Young, P.V. Scientific Social Surveys and Research
3. Danda, Ajit, Methodology in Anthropology, Inter India, New Delhi
4. Anuja, R, Research Methods
5. Bartlett, F.C. The study of Society (selected chapter)
6. Bajpai, S.R. Methods of Social Survey and Research Goode & Hatt method in social research
7. Danda ajit- Research methodology in anthropology , Inter – india ,new Delhi
8. R.N Mukherjee- social survey and research

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-705P	Course Title: Paper V Practical	
Course Outcomes: * The students will be able to describe scope of craniometry, Samotometry and osteology in Anthropological field and society.		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
A. Craniometry 1. Maximum Cranial length 2. Maximum Cranial Breadth. 3. Maximum Frontal Breadth. 4. Length of the foremen magnum. 5. Total Cranial height. 6. Morphological facial height. 7. Nasal length.		

8. Nasal Breadth.
9. Nasal Index.
10. Cranial Index.
11. Glabala lambda length.
12. Frontal arch.
13. parietal arch.
14. occipital arch.
15. Nasion Inion length.
17. Basion-Bregma length.
18. Maximum occipital breadth.
19. Bizygomatic breadth.
20. Bimaxillary breadth.

B. Somatometry-

1. Maximum Head length.
2. Maximum head breadth.
3. Cephalic index.
4. Nasal length.
5. Nasal breadth.
6. Nasal index.
7. Morphological facial height.
8. Head circumference.
9. Height vertex or stature.
10. Sitting height.
11. Body weight.
12. Ponderal index.
13. Height Acromion.
14. Height Illiocristale.

15. Height Cervical.

16. Height Span.

17. Height Dactylion.

18. Bigonial breadth.

19. Total Arm length.

20. Glabala inion length.

Osteology

1. Skeleton

2. Skull

3. Mandible

4. Scapula

5. Humerus

6. Radius

7. Ulna

8. Femur

9. Tibia

10. Fibula

11. Hip bone

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Books Recommended:

1. Practical Anthropology by – M.k Bhasin & I.P singh

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-706Pr.	Course Title: Paper VI Research Project	
Course Outcomes: The Students will learn about how to do fieldwork and use of various techniques of data collection and analysis of data.		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
	<ol style="list-style-type: none">1. The students shall be required to make investigation on a SC/ST, other backward class and backward areas/ villages etc. The Field work should be minimum 10 days out side of the campus. Under the supervision of Teacher.2. The report should be prepared by research techniques and methods . They shell submit a typed Project report.3. Project report based on social-economic and physical Anthropological study.	

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VII
Subject: Anthropology		
Course Code: ANTH-707M	Course Title: Paper VII Applied Anthropology	
<p>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.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
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	10

	National Integration.	
4	Anthropology and SC/ST Policy: Constitutional Safeguards and 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.

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VIII
Subject: Anthropology		
Course Code: ANTH-801T	Course Title: Paper I Economic and Political Anthropology	
<p>Course Outcomes:</p> <p>* The students will learn about the Law and Social control, Economic organization: Features of primitive Economic, mechanism of Social control in primitive societies and mechanism of Social control in primitive societies and Government: state and stateless societies: panchayat-origin. history and change through time: factions.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Law and Social control: Definition and the Cultural background of law. The Anthropological approach to the study of law to be described with example .	10
2	Economic organization: Features of primitive Economic organization . forms of exchange: Reciprocity: Barter: Ceremonial exchange: Silent Trade, redistribution and trade: concept of poverty and money in primitive societies.	10
3	Political organization mechanism of Social control in primitive societies: nature of primitive law: Government: state and stateless	10

	societies: panchayat-origin. history and change through time: factions.	
4	Social Stratification: Estate, class and caste: The major features of the caste system. cast in India today. The impact of caste on other religious group in India.	10

Books Recommended:

1. Beals, Ralph & Harry Hoijer: Introduction to Anthropology
2. Beattie, John other cultures.
3. Bohannan, paul: Social Anthropology
4. Goode and Hatt method in social research
5. R.N Mukherjee- statistics and social research
6. Agarwal, D.P 1974 , stone age tools , their techniques, Names and Probable Junction D.C,Pune

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc	
Year: 4	Semester: VIII
Subject: Anthropology	
Course Code: ANTH-802T	Course Title: Paper II Human Genetics and Ethnic variation

Course Outcomes: * The students will learn about the Genetics Definition and its relevance in Physical Anthropology, Cell: Structure and Division, Ethnic Variation and Evolutionary Process in Modern Populations.		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Genetics Definition and its relevance in Physical Anthropology, the Mendelian Principal.	10
2	Cell: Structure and Division.	10
3	Ethnic Variation :The concept of ethnic groups. Race Formation . The criteria for racial Classification . Major Races of the world and their distribution. Racial element in the Indian–continent.	10
4	Evolutionary Process in Modern Populations –Population, Population Genetics, Evolution in Modern Population, Deviation from Hardy Weinberg Expectation, Mutation, Migration(Gene Flow), Genetic Drift (Founder’s Principal) Natural Selection, Interaction of Evolutionary Forces, Human Polymorphism, in Human Blood: ABO, MN, Rh and other Systems ;Human Polymorphism Anthropological Applications, Dermatoglyphics.	10

Books Recommended:

1. Birdsell,J.B: Human Evolution :An Introduction to new Physical Anthropology.
2. Bodemer & S forza : Genetic Structure of Human Population
3. Hartal ,Daniel :Human Genetics,
4. Li,C.C.:Human Genetics
5. Shukla, B.R.K. and rastogi ,S: Physical Anthropology and Human Genetics

6. Stern ,Curt :Principles of Human Genetics.

7. Dumont, Louis: Homo Hierarchieus.

8. B.R.K Shukla and Sudha Rastogi- physical Anthropology and Human genetics

9. Stern curt- Principles of Human genetics

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VIII
Subject: Anthropology		
Course Code: ANTH-803T	Course Title: Paper III Pre-Historic cultures	
Course Outcomes: * The students will learn about the Paleolithic Cultures, Middle Paleolithic Culture, Mesolithic and Neolithic Cultures and Indus Valley civilization.		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Paleolithic Cultures: Lower Paleolithic Culture: Africa-Old wan Europe: Acheulian, Adivillian, Levalosion, Clactonian, India: Sohn, Madrasian.	10
2	Middle Paleolithic Culture: African, Mousterian, Indian Upper Paleolithic Culture: Europe - Aurignacian Solutrean, Magdalenian Cultures, India. Cultural and Biological evidences of Paleolithic	10

	Cultures of India & characteristic Paleolithic Art in India.	
3	Mesolithic and Neolithic Cultures: Azilian, Tardenoisian, Kitchen Middle Culture Jericho and Jarmo culture Langhanaj, Bagor Adamgarh, Burzhom Northern/Eastern and South Indian Neolithic Characteristics features of Mesolithic and Neolithic cultures and cultural and Biological evidences of cultures.	10
4	Indus Valley civilization – Chalcolithic cultures and Megalithic Cultures : Distribution, Period, Characteristics, causes of decline, people and culture of Indus valley Civilization. Chalcolithic culture and the characters.	10

Books Recommended:

1. Agarwal , D.P 1982 the archeology of India, New Delhi.
2. Agarwal , D.P 1974 Prehistoric Chronology and Radiocarbon Dating In India, New Delhi.
3. Ghosh,A. 1973 Encyclopedia of Indian Archeology , New Delhi
4. Rami Reddy 1997 element of prehistory
5. Sali,S.A 1990 stone age India , Shankar publishers Aurangabad.
6. Sankila, H.D 1964 stone age tools : Their technique, Names, and probable function , Deccan college , Pune.

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VIII
Subject: Anthropology		
Course Code: ANTH-804T	Course Title: Paper IV Research data analysis in Anthropology	
<p>Course Outcomes:</p> <p>* The students will learn about the Data Definition and Characteristics, Classification : Geographical , Chronological Analysis and Interruption of Data and Utility and importance of Statistics in Anthropology</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Data Definition and Characteristics, Data Collection : Choice of suitable technique .	10
2	Classification : Geographical , Chronological , Qualitative and Quantitative . Tabulation: General , special purpose and Machine Tabulation .	10
3	Analysis and Interruption of Data. Graphic and Diagrammatic presentation of Data. Preparation and writing of report.	10
4	Scope , Utility and importance of Statistics in Anthropology Sampling: random , purposive, Stratified ,Systematic and quota sampling . Measures of central tendency – mean , mode and median	10

Books Recommended

1. Goode & Hatt, method in Social Research
2. Young, P.V Scientific Social surveys and Research
3. Danda , Ajit, Research Methodology in Anthropology Inter India, New Delhi
4. Ahuja , R. Research Methods
5. Bartlett, F.C : the study of society
6. Bajpai, S.R : methods of social survey and Research
7. Goode and hatt method in social research
8. R.N Mukherjee- statistics and social research

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VIII
Subject: Anthropology		
Course Code: ANTH-805P	Course Title: Paper Paper V Practical : prehistoric and material culture	
Course Outcomes: * The students will learn about the Scope of tools study, use of Material Culture and comparative study and also to under the tool typology and technology.		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
Typo- Technological Analysis of Prehistoric Tools : Identification, Intrepretation and Drawing of the tool Types, Core types, Flake Tool Types, Blade Tool Types, Microlithic Tool Type, Neolithic Tool Type.		

B.A/ B.Sc 4 year

Programme : Under Graduate in B.A/B.sc		
Year: 4		Semester: VIII
Subject: Anthropology		
Course Code: ANTH-806Pr.	Course Title: Paper VI Research Project	
Course Outcomes: The Students will learn about how to do fieldwork and use of various techniques of data collection and analysis of data.		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
	<ol style="list-style-type: none">1. The students shall be required to make investigation on a SC/ST, other backward class and backward areas/ villages etc. The Field work should be minimum 10 days out side of the campus. Under the supervision of Teacher.2. The report should be prepared by research techniques and methods . They shell submit a typed Project report.3. Project report based on social-economic and physical Anthropological study.	

Department of Anthropology

Syllabus

for

M.A/M.Sc I year (Semester I & II) Anthropology

As Per National Education Policy 2020

**Common Minimum Syllabus for all Uttarakhand State University And colleges for
First year**

(M.A/ M.Sc One year P.G Programme for those who have Completed Four years NEP Graduate Programme)

Prepared by

Dr.P.C.Painuli

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Department of Anthropology

Govt. P.G. College New Tehri

**Sri Dev Suman Uttarakhand Vishwavidyalaya Badshahithaul Tehri Garhwal,
UTTARAKHAND**

Proposed Syllabus

NEP Post Graduate Programme in Anthropology

(M.A/ M.Sc One year P.G Programme for those who have Completed Four years NEP Graduate Programme)

Year	Sem	Course Paper			Credit	Research Project	Credit	Total Credit
First Year	I st	ANTH901T Medical Anthropology I st			4	ANTH907 Medical Anthropology	4	48
		ANTH902T Medical Anthropology II st			4			
		Optional-1	Physical Anthropology	ANTH903T Human Evolution and Variation	4			
		Optional-2	Social Anthropology	ANTH904T Tribal India	4			
		ANTH905T Applied and Action Anthropology			4			
		ANTH906 Practical Finger and palm print with Ridge Counting			4			
	II nd	ANTH1001 Indian Anthropology			4	ANTH1007 Project	4	
		ANTH1002 Ecological Anthropology			4			
		Optional-1	Physical Anthropology	ANTH1003 Human Growth and development	4			
		Optional-2	Social Anthropology	ANTH1004 Theory of Social Anthropology	4			
		ANTH1005 Anthropology of Development			4			
		ANTH1006 Dissertation			4			

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc		
Year: 1		Semester: I
Subject: Anthropology		
Course Code: ANTH-901T	Course Title: Paper I Medical Anthropology I st	
<p>Course Outcomes:</p> <p>* The students will learn about the Medical Anthropology : Historical roots, Theoretical orientation in medical Anthropology, Medical system, Medical system as Social system, Medical system as Adaptive system and Health care delivery system.</p>		
Credits: 03		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Medical Anthropology : Historical roots ; Definition , Aims and Scope.	10
2	<p>2.Theoretical orientation in medical Anthropology</p> <p>a. Classificatory Approach –W.H.R. rivers.</p> <p>b. Culture – trait approach – forest clement.</p> <p>c. Structural , functional and Cultural Configurational Approach. E.H. Ackerknecht, margaret mead, benjamin D paul, George M. foster. Recent trends Alexander Alland, frederich L.dunn, horacio fabrega, arthur kleinman, Allan young, Cecil Helman, Browner</p> <p>d. Growth of Medical Anthropology in India.</p>	10
3	<p>3. Medical system: a. Medical systems as cultural systems : illness disease dichotomy illness etiologies; illness classification and perception ; professional, folk and popular sectors in medical systems.</p>	10

	b. Medical system as Social system c. Medical system as Adaptive system. d. Health culture	
4	4. Health care delivery system: Institutional settings cures: Role and status , Therapeutic interview(Doctor- patient relationship) ; public health , preventative measures.	10

Recommended Readings:

1. P.C joshi- medical anthropology of India
2. Dr. M.M lawaniya and Shashi k Jain – Medical sociology

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc		
Year: 1		Semester: I
Subject: Anthropology		
Course Code: ANTH-902T	Course Title: Paper II Medical Anthropology II nd	
Course Outcomes: The students will learn about the Folk Psychiatry : Culture change and mental illness, Medical pluralism ; cosmopolitan , regional and local medical systems, Implications of medical anthropology in international health care planning and Traditional Medicines in the central Himalayas.		
Credits: 03	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Folk Psychiatry : Culture change and mental illness ; therapeutic elements in magico–religious healing techniques ; illness and social control.	10

2	Medical pluralism ; cosmopolitan , regional and local medical systems ; interaction between different systems of medicine ; therapeutic management group; (choice pattern and decision making); ambiguities in medical revivalism ; community health workers scheme ; politics of health services.	10
3	Implications of medical anthropology in international health care planning ; integration of different systems of medicine ; strength and Weakness of Traditional Systems ; health for All by 2000 A.D.	10
4	Traditional Medicines in the central Himalayas specialized , generalized and home medicines sectors, forms of traditional medicines natural and supernatural .	10

Recommended Readings:

1. P.C joshi- medical anthropology of India
2. Dr. M.M lawaniya and Shashi k Jain – Medical sociology

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc	
Year: 1	Semester: I
Subject: Anthropology	
Optional -1 (Physical Anthropology) Course Code: ANTH-903T	Course Title: Paper III Human Evolution and Variation
Course Outcomes: The students will learn about the Evolutionary Record; Early revolutionary History, Primate evolution, Paleoanthropology and Homo Erectus, Pleistocene Home erectus Javanensis, Pekinensis.	
Credits: 03	Max. Marks: 25+75

Unit	Course Content	No. of lectures/ hrs (30)
1	Evolutionary Record; Early revolutionary History ; Paleozoic Era ; Mesozoic Era; Cenozoic Era.	10
2	Primate evolution: Time scale, Earliest primates, Paleocene primates, Oligocene primates Propithecus, Aegyptopithecus, Miocene primate; Paleogeography and Miocene Hominid Evolution, Dryopithecus, Ramapithecus/ Sivapithecus.	10
3	Paleoanthropology : Definition of Hominids, bio cultural Evolution , human as a tool maker, Plio- Pleistocene hominids; history of discovery of Plio-Pleistocene hominids – Earliest Discoveries, Australopithecus-Africans, Robustus, Afarensis, Meganthropus Homo habits, Plio–Pleistocene Hominids- organization and interpretation.	10
4	Homo Erectus, Pleistocene Homo erectus Javanensis, Pekinensis, Heidelberg jaw; vertesszollas, terra Amata , Narmada man. Homo Erectus – Distribution, human emergence – Australopithecus to homo Erectus.	10

Book Recommended :

1. Strickberger , M.W genetics .
2. Mckusic. V.A Human genetics.
3. Stern curt – principles of human genetics
4. Leuitan & mantagn _ A text book of human genetics
5. Horrison et al., Human biology , Giblett ,E.R – Genetic markers in human blood.
6. B.M das – physical Anthropology .

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc	
Year: 1	Semester: I
Subject: Anthropology	

Optional -2 (Social Anthropology) Course Code: ANTH-904T		Course Title: Paper IV Tribal India	
Course Outcomes: The students will learn about the Concept of tribe in Indian context, Tribal societies in changing prospective, Social Change in tribal societies: A historical perspective and Social change in contemporary period .			
Credits: 03		Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)	
1	Concept of tribe in Indian context .	10	
2	Tribal societies in changing prospective (i) Pre colonial period (ii) Colonial period (iii) Post independence	10	
3	Social Change in tribal societies : A historical perspective (i) Tribe – cast interaction (ii) Economic and political factors of change (iii) Tribal uprising	10	
4	Social change in contemporary period (i) Political democracy (ii) Constitutional safeguards in modern India (iii) Industrialization and urbanization	10	

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc		
Year: 1	Semester: I	
Subject: Anthropology		
Course Code: ANTH-905T	Course Title: Paper V Applied and Action Anthropology	
<p>Course Outcomes: The students will learn about the Applied Anthropology : history ; Aims & Scope Applied and Action Anthropology, Anthropology and tourism sacred geography, Anthropology and SC/ST policy, Anthropology as a museum subject museums in India and World .</p>		
Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Applied Anthropology : history ; Aims & Scope Applied and Action Anthropology .	10
2	Anthropology and tourism sacred geography.	10
3	Anthropology and SC/ST policy: constitutional safeguards and implementations.	10
4	Anthropology as a museum subject museums in India and World; Methodology of collection of Anthropological objects through field works; Documentation including visual documentation and use of computer storage and retrieval procedures ; methods of handling , restoration. Conservation and preservation . methods of display and Exhibition ; Role of Anthropological museums in Community life and national integration.	10

Recommended Readings:

1. Applied and Action anthropology by L.P. vidiyarthi
2. B.M das – physical Anthropology

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc		
Year: 1		Semester: I
Subject: Anthropology		
Course Code: ANTH-906P	Course Title: Paper VI (Practical) Finger and palm print with Ridge Counting	
Course Outcomes: The students will learn about the Theory of Dermatoglyphic. Identification of finger print and Palm Print. Ridge Counting.		
Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Theory of Dermatoglyphic.	
2	Identification of finger print and Palm Print. Ridge Counting.	

Recommended Readings:

- 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.

M.A /M. Sc II Year

Programme : Under Graduate in B.A/B.sc		
Year: 1		Semester: I
Subject: Anthropology		
Course Code: ANTH-907Pr.	Course Title: Paper VII Research Project	
Course Outcomes: The students will learn about the home remedies of Uttarakhand		
Credits: 04.	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Prepared a Project Report on any disease.	

Recommended Readings:

1. P.C joshi- medical anthropology of India
2. Dr. M.M lawaniya and Shashi k Jain – Medical sociology

M.A /M. Sc I Year

Programme : Under Graduate in B.A/B.sc		
Year: 1		Semester II
Subject: Anthropology		
Course Code: ANTH-1001T	Course Title: Paper I Indian Anthropology	
Course Outcomes: The students will learn about the		
Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Growth and Development of Indian Anthropology there places formulating, Description and Anatopical.	10
2	Applied and Action Anthropology in India.	10
3	Applied and Action Anthropology ,Tribe and Cast a Jury of Tribal community in India geography, languages, economy and social organization	10
4	Anthropological Approaches in National Character Studies.	10

Recommended Readings:

1. Nadeem hasnan – Indian Anthropology

M.A /M. Sc I Year

Programme Post Graduate in M.A/M.Sc		
Year: 1		Semester II
Subject: Anthropology		
Course Code: ANTH-1002T	Course Title: Paper II Ecological Anthropology	
Course Outcomes: The students will learn about the		
Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Ecological Anthropology: Aims and scope.	10
2	History of Ecological Anthropology: Contribution of Julian steward; Leslie white	10
3	Environment and Habitat : Evolution of Dwelling Forms; major types of settlement patterns in India; house types and construction techniques.	10
4	Ecology and Substance strategies : Hunting – gathering , Horticulturist: pastoral; shifting cultivation, agro Pastoralism. Himalayan Ecosystem – Man Nature interaction , The symbolic relationship : man , Nature and spirit (Maler): man , Nature and animal .	10

M.A /M. Sc I Year

Programme Post Graduate in M.A/M.Sc		
Year: 1		Semester II
Subject: Anthropology		
Otpotional-1 (Physical Anthropology) Course Code: ANTH-1003T	Course Title: Paper III Human Growth and development	
Course Outcomes: The students will learn about the		
Credits: 04		Max. Marks: 25+75
Unit	Course Content	No. of lectures/ hrs (30)
1	Definition and Concept of growth, differentiation Maturation and Development .	10
2	Stages of Growth – prenatal, Infancy; childhood ; Adolescence ; Maturity ; senescence; gerontology.	10
3	Factors affecting growth genetic , Environmental Harmonal, socio-economic ,secular trends .	10
4	Importance of Age recording and Decimal Age in growth studies. Methods of studying human growth and development longitudinal, cross sectional and mixed longitudinal ; growth curves ; measurements employed in the study of human growth and development , analysis of human physique and body composition- Seheldon Parnell, Health- caste method of Somatotyping. Nutrition and type.	10

Books Recommended:

1. Birdsell, J.B: Human Evolution :An Introduction to new Physical Anthropology.
2. Bodemer & S forza : Genetic Structure of Human Population
3. Hartal ,Daniel :Human Genetics,
4. Li, C.C.: Human Genetics
5. Shukla, B.R.K. and Rastogi ,S: Physical Anthropology and Human Genetics
6. Stern ,Curt :Principles of Human Genetics.
7. Dumont, Louis: Homo Hierarchieus.
8. B.R.K Shukla and Sudha Rastogi- physical Anthropology and Human genetics
9. Stern Curt- Principles of Human genetics

M.A /M. Sc I Year

Programme Post Graduate in M.A/M.Sc		
Year: 1		Semester II
Subject: Anthropology		
Oportional-2 (Social Anthropology) Course Code: ANTH-1004T	Course Title: Paper IV Theory of Social Anthropology	
Course Outcomes: The students will learn about the Growth and Development of Social Anthropology, Evolutionism, Diffusionism andn Functionalism and structural Functionalism.		
Functionalism and structural Functionalism Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Growth and Development of Social Anthropology.	10
2	Evolutionism: Bachofen, Mc'lennan , Maine; Morgan Taylor, Frazer.	10
3	Diffusionism : British Diffusionism Elliot Smith W.H.R. Rivers, German Diffusionism (Schmidt; Graebner); American Diffusionism (Boas; Kroeber) ; culture area Approach.	10
4	Functionalism and structural Functionalism B.Malinowski; A.R. Radcliffe – brown.	10

Recommended Books:

1. W.J Goode and P.K Hart(1952) Methods in Social research. Me Graw Hill Co, New Delhi.
2. Marvin Harris (2001) Rise of Anthropological Theory Altamira press , Walnut creek , C.A
3. Makhan Jha : Anthropological theory

4. Gaya pandey; Anthropological theory (Classical and modern)

M.A /M. Sc I Year

Programme Post Graduate in M.A/M.Sc		
Year: 1		Semester II
Subject: Anthropology		
Course Code: ANTH-1005T	Course Title: Paper V Anthropology of Development	
<p>Course Outcomes: The students will learn about the Growth and Development of Social Anthropology, Evolutionism, Diffusionism andn Functionalism and structural Functionalism.</p>		
Functionalism and structural Functionalism Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Development : Meaning and evolution of the concept , Approaches and Strategies of development in India.	10
2	Poverty and development , social justices and Equity , poverty alleviation programs, Human Resource Development (HRD).	10
3	Planning : concepts, policy and process Agencies for development : Government and Non- governmental people participation.	10
4	Rural Development : land reforms , C.D.P. Panchayati raj, tribal development , constitutional provisions for development of scheduled castes and scheduled tribes , administration of scheduled arias , socio cultural factors in development with case studies.	10

Books Recommended:

1. Chansarkar, B.A.: Models of planning in India

2. Cochrane: Development Anthropology
3. Dey , Nitish : overcoming under Development
4. Prasad , Kamta: planning for poverty Allivation
5. Spicer , E.H.:Human factor in Technological changes
6. Chan sharkar, B.A: Models of planning in India

M.A /M. Sc I Year

Programme Post Graduate in M.A/M.Sc		
Year: 1		Semester II
Subject: Anthropology		
Course Code: ANTH-1006P	Course Title: Paper VI Dissertation	
Course Outcomes: The students will learn about the Short Research .		
Credits: 04	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
Field work is conducted for Twenty days in any tribal and backward area of India. under the supervision of One or Two faculty members of the department of Anthropology . Then the candidate will be eligible for presentation of the dissertation. A dissertation will be presented on the basis of the field work and a viva –voice examination will be conducted on		

Books Recommended:

1. Goode & Hatt. Method in Social Research
2. Young, P.V. Scientific Social Surveys and Research
3. Danda, Ajit, Methodology in Anthropology, Inter India, New Delhi
4. Anuja, R, Research Methods
5. Bartlett, F.C. The study of Society (selected chapter)

M.A /M. Sc II Year

Programme : Under Graduate in B.A/B.sc		
Year: 1		Semester: I
Subject: Anthropology		
Course Code: ANTH1007Pr.	Course Title: Paper VII Research Project	
Course Outcomes: The students will learn about the Cultural Heritage of Uttarakhand.		
Credits: 04.	Max. Marks: 25+75	
Unit	Course Content	No. of lectures/ hrs (30)
1	Prepared a Project Report on Cultural Heritage of Uttarakhand	

Proposed Syllabus

NEP Post Graduate Programme in Anthropology

(M.A/ M.Sc Two year P.G Programme for those who have Completed Three years Graduate Programme)

Year	Sem	Course/ Paper	Credit	Research Project	Credit	Total Credit	
First Year	I	ANTH701T Physical Anthropology	4	ANTH706 Research Project	4	48	
		ANTH702T Social and cultural Anthropology	4				
		ANTH703T Pre-Historic Anthropology	4				
		ANTH704T Research Methods in Anthropology	4				
		ANTH705P Practical Anthropometry and Osteology	4				
	II	ANTH801T Economic and Political Anthropology	4	ANTH806 Research Project	4		
		ANTH802T Human Genetics and Ethnic variation	4				
		ANTH803T Pre-Historic cultures	4				
		ANTH804T Research data analysis in Anthropology	4				
		ANTH805P Practical prehistoric and material culture	4				
Second Year	III	ANTH901T Medical Anthropology I st	4	ANTH806 Research Project		48	
		ANTH902T Medical Anthropology II st	4				
		Optional-1 Physical Anthropology	ANTH903T Human Evolution and Variation				4
		Optional-2 Social Anthropology	ANTH904T Tribal India				4
		ANTH905T Applied and Action Anthropology					4
		ANTH906 Practical Finger and palm print with Ridge Counting					4
	IV	ANTH1001 Indian Anthropology		4	ANTH1007 Project		4
		ANTH1002 Ecological Anthropology		4			
		Optional-1 Physical Anthropology	ANTH1003 Human Growth and development	4			
		Optional-2 Social Anthropology	ANTH1004 Theory of Social Anthropology	4			
		ANTH1005 Anthropology of Development		4			
		ANTH1006 Dissertation		4			