# DRAFT
## NATIONAL EDUCATION POLICY-2020

Common Minimum Syllabus for Uttarakhand State Universities and Colleges for Four Years Undergraduate Programme and Master's in Science and Arts

### PROPOSED SYLLABUS OF UG & PG- ANTHROPOLOGY SYLLABUS

# SOBAN SINGH JEENA UNIVERSITY

# ALMORA

26/07/2025

26.07.25

26-7-25.

# Expert Committee

| S.N | Name | Department | Affiliation |
|---|---|---|---|
| **External Expert** | | | |
| 1. | Professor A.P. Singh | Anthropology | Former Head, Dept. of Anthropology, Lucknow University, Lucknow |
| **Internal Expert** | | | |
| 3. | Mr. Ved Prakesh | Anthropology | Ass. Prof. and Head, Department of Anthropology, Govt. Degree College Kanda, Soban Singh Jeena University Almora |

26/07/2025

A. P. Singh
26.7.25.

26.07.25

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc I Year Anthropology

| Sem. | Core Discipline Specific Course (DSC) 4 | Discipline Specific Elective Course | Generic Elective (GE) 4 | Ability Enhancement Course | Skill Enhancement Course | Internship/ Apprenticeship/ Project (IAPC) (2) | Value Added Course | Total Credit |
|---|---|---|---|---|---|---|---|---|
| | **(DSC) 3+1=4** | **(DSE) 4** | **(GE) 4** | **(AEC) 2** | **(SEC) 2** | | **(VAC)2** | |
| **I** | DSC<br><br>Theory<br><br>Introduction To Anthropology (3)<br><br><br><br>Practical<br><br><br>Introduction of Anthropometry and Instrumentation (1) | | GE- (4) Fundamentals of Anthropology | Choose one from a pool of AEC courses (2) | Choose one from a pool of S E Courses SEC (2) | | Choose one from a pool of courses (2) | 22 |
| | | | | | | | | |
| **II** | Theory<br><br>Physical Anthropology (3)<br><br><br><br>Practical<br><br>Somatometric Techniques (1) | | GE-(4) Introduction of Social Anthropology | Choose one from a pool of AEC courses (2) | Choose one from a pool of S E Courses SEC (2)2) | | Choose one from a pool of courses (2) | 22 |
| | **Students on exit shall be awarded Undergraduate Certificate (in the Field of Study/ Discipline) after securing the requisite 44 credits in Semesters I and II** | | | | | | | **44** |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc. II YEAR

| Sem. | Core Discipline Specific Course (DSC) 4 | Discipline Elective Course(DSE) 4 | Ability Enhancement Course (AEC) 2 | Skill Enhancement Course (SEC) 2 | Value Added Course (VAC)2 | Total Credits |
|---|---|---|---|---|---|---|
| III | DSC (4)<br>**Theory- (3)**<br>Fundamentals of Social and Cultural Anthropology<br><br>**Practical (1)**<br><br>Techniques of Ethnographic Studies | **DSE (4)**<br><br>DSE- Anthropological Thought<br><br>OR<br><br>**G E (4)**<br>G E- Tribal Culture in India | Choose one From a pool of AEC (2) | Choose one From a pool of SEC (2) | Choose one from a pool of VAC (2) | 22 |
| | | | | | | |
| IV | DSC (4)<br>**Theory (3)**<br>Research Methodology<br><br>**Practical (1)**<br><br>Methods of Social Research | DSE (4)<br>**DSE –**<br>Tribal and Peasant Culture<br>**OR**<br>**GE - (4)**<br>Human Origin and Evolution | Choose one from a pool of AEC courses (2) | Choose one from a pool of SEC (2) | Choose one from a pool ofcourses (2) | 22 |
| | **Students on exit shall be awarded Undergraduate Diploma (in the Field of Study/ Discipline) after securing the requisite 88 credits** | | | | | **Total 88** |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc. III YEAR

| Sem. | Core Discipline Specific Course (DSC) 4 | Discipline Elective Course(DSE) 4 | Skill Enhancement Course (SEC) 2 | Internship/Apprenticeship/Project (IAPC) 2 | Value Added Course (VAC)2 | Total Credits |
|---|---|---|---|---|---|---|
| V | DSC (4)<br>**Theory (3)**<br>Human Genetics<br><br>**Practical (1)**<br>Material Culture | Choose one from pool ofcourses,<br>**DSE (4)**<br>Paleo Anthropology<br><br>**OR**<br>**GE (4)**<br>Indian Anthropology | Choose one from a pool of SEC courses (2) | Project Report Based on Field Study(2) | Choose one from a pool ofcourses (2) | 22 |
| | | | | | | |
| VI | **DSC (4)**<br>**Theory (3)**<br>Pre-historic Anthropology<br><br>Prctical (1)<br><br>Pre-historic Tools | **DSE (4)**<br><br>Ethnology of India<br><br>**OR**<br>GE - (4)<br>Social Demography | Choose one from a pool of SEC courses (2) | Project Report Based on Field Study (2) | Choose one from a pool ofcourses (2) | 22 |
| | **Students on exit shall be awarded Bachelor of (in the Field of Study/ Discipline) Honors (3 years) after securing the requisite 132 Credits on Completion of Semester VI** | | | | | **Total 132** |

DEPARTMENT OF ANTHROPOLOGY

| Sem. | Core Discipline Specific Course (DSC) 4 | DSC/GE 4 | | Total Credi |
|---|---|---|---|---|
| VII | DSC (3+1=4)<br>**Theory (3)**<br><br>Biological Anthropology<br><br>**Practical-(1)**<br><br>Anthropometry | Choose three DSE (3x4) courses<br>**OR** Choose two DSE- (2x4) and one GE (4) (total = 12)<br><br>DSE –Social and Cultural Anthropology<br>DSE –Archeological Anthropology<br>DSE – Research Methodology<br><br>**GE- Human Cytogenetics** | Dissertation (6)<br>(Dissertation on any Triba backward, Rural and urba Problem of Uttarakhand (Problem Identification Review of Literature, Discus on Research Tools )<br>**Progressive Mode** | 22 |
| VIII | DSC (3+1=4)<br>**Theory (3)-**<br><br>Economic and Political Anthropology<br><br>**Practical (1)**<br><br>Pre-historic Tool and Material Culture | Choose three DSE (3x4) courses<br>OR Choose two DSE- (2x4) and one GE (4) courses(total = 12)<br><br>DSE –Human Genetics and Ethnic Variation<br>DSE- Pre-historic Culture<br>DSE-Research Data Analysis<br><br>**GE-Anthropology in Disaster Management** | **Dissertation-1** (6)<br>(Data collection, Data Analysis, Report Writing and Presentation) | 22 |
| | Students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) (Honors with Research/Academic Projects/Entrepreneurship) or (Honors with Research in Discipline-1 (Major) with Discipline-2 (Minor) after securing the requisite 176 credits on completion of Semester VIII | | | Total 176 |

## DEPARTMENT OF ANTHROPOLOGY

# M.A./M.Sc. Final Year

**Student opt any one Group "A" and Group "B" for IX and X semester As Specialization**

**Group "A"- Biological Anthropology**

**Group "B"- Social Anthropology**

| Sem. | Core Discipline Specific Course (DSC) 4 | DSE/GE 4 | | Total Credit |
|---|---|---|---|---|
| IX | DSC (3+1=4)<br>**Theory (3)** **(For Group "A")**<br>*Human Growth and Development<br>**Practical (1)**<br>Sometoscopy and Osteology<br>**(For Group "B")**<br>**Tribal India**<br>**Practical (1)**<br>Tribal Identification | Choose three DSE (3x4) coursesOR Choose two DSE-(2x4) and one GE (4) courses ( total = 12 Cr.)<br>**(For Group "A") DSE**<br>1.Human Population Genetics<br>2.Demographic Anthropology<br>3.Kinanthropometry and Ergonomic<br>**(For Group "B") DSE**<br>1. Medical Anthropology (I)<br>2. Medical Anthropology (II)<br>3. Applied and Action Anthropology<br>**GE- Anthropology in Human Resource Management** | Dissertation (6 Cr.) (Dissertation on any Tribal, Backward, Rural and Urban area of Uttarakhand)<br>(Identification of Problem, Review of Literature Development of Research Tool)<br>**Progressive Mode** | 22 |
| X | **DSC (3+1=4)**<br>**Theory (3)** **(For Group "A")**<br>**Forensic Anthropology**<br>**Practical (1)** **(For Group "A")**<br>Dermetoglyphic<br>**(For Group "B")**<br>**Theory of Social Anthropology**<br>**Practical (1)** **(For Group B)**<br>Review of Social Anthropological Thinker's | Choose three DSE (3x4) courses**OR** Choose two DSE-(2x4) and one GE (4) courses (total = 12)<br>**(For Group "A") DSE**<br>1. Molecular Anthropology<br>2.Nutritional Anthropology<br>3.Primate Biology and Behaviour<br>**(For Group "B") DSE**<br>1. Indian Anthropology<br>2.Developmental Anthropology<br>3. Ecological Anthropology<br>**GE- Urban Anthropology** | **Dissertation-2 (6 Cr.)** (Data Collection, Data Analysis, Report writing and presentation) | 22 |
| | **Students on exit shall be Master's in Core subject after securing the requisite 220 credits on completio Semester X** | | | **Total 220** |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc I Year

### DISCIPLINE SPECIFIC CORE COURSE (DSC) INTRODUCTION TO ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: I** | **Semester: I** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSC-101** | **Course Title: Introduction To Anthropology** |

Course Outcomes:

* The students will be able to understand and apply the basic concepts of Anthropology

* They should be able to understand : A Historical Perspective.

* The students will be able to understand the Recent and Emerging Trends of Anthropology.

| | |
|---|---|
| Theory- (Credit-3) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Units | Course Contents | Lectures |
|---|---|---|
| Unit – I | Anthropology: Definition, Aims and Scope. | 10 |
| Uni t – II | Origin of Anthropology: A Historical Perspective - Formulatory Period, Convergent Period, Constructive Period and Critical Period. | 10 |
| Uni t – III | Different Branches of Anthropology: Physical, Socio-Cultural, Archaeological and Linguistic Anthropology, their Inter-relationship with other Sciences- Sociology, Psychology, Economics, History . | 15 |
| Unit – IV | Application of Anthropology – Applied Anthropology, Sports anthropology, Forensic and Medicine. | 15 |

**Suggested Books:**


1. Majumadar D.M., Madan T. N.: An Introduction to 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 andHasnen 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.

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc I Year

## Practical : Introduction of Anthropometry and Instrumentation(1)

| | | |
|---|---|---|
| Practical (Credit-1) | An Anthropometry- Brief Historical Background, Division of Anthropometry, Type of Measurement and Applications of Anthropometry. | 15 |
| | Instrumentation-I: Anthropometry Rod, Spreading Caliper blunted, Spreading caliper pointed, Sliding caliper, varnier caliper, Skinfold Caliper etc. | 15 |

**Suggested Book**


1. Jha P. R.,Barnwal D. and Jha R. K.: Anthropology Part – I.
2. Das B. M & Rajan Deka. : Physical Anthropology Practical.
3. Shukla B.R.K. and Rastogi: Laboratary Manual of PhysicalAnthropology.
4. Agnihotri B. Practical Physical Anthropology.

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc I year

### GENERIC ELECTIVE COURSE (GEC) – FUNDAMENTALS OF ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: I** | **Semester: I** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/GE-102** | **Course Title: Fundamentals of 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.

| Credit 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Anthropology: Definition, Aims and Scope. Different Branches of Anthropology: Physical, Socio-Cultural, Prehistoric and Linguistic Anthropology, their Inter-relationship with other Sciences. | 15 |
| Unit – II | Origin of Anthropology: A Historical Perspective–Formulatory Period, Convergent Period, Constructive Period and Critical Period. | 15 |
| Unit – III | Recent and Emerging Trends of Anthropology: Cognitive Anthropology, Gender Anthropology, Nutrition Anthropology, Sports Anthropology, Ethnicity, Ethno Science, Field work and Ethnography, Psychological Anthropology. | 10 |
| Unit – IV | Social Organisation: Marriage, Family and Kinship, Culture and its component. | 10 |

**Suggested Readings:**


1. Jurmain R., Kilgore L., Trevathan W.and Ciochon R.L.: Introduction to Physical Anthropology.
2. Krober 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)

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc I Year

### DISCIPLINE SPECIFIC CORE COURSE (DSC)- PHYSICAL ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: I** | **Semester: II** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSC-103** | **Course Title: Physical Anthropology** |

Course Outcomes:
Students will be
* Able to describe scope of studying Physical/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.

| | |
|---|---|
| Theory- (Credit-3) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Assignment 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• Term End Exam: 15<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50**. |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Physical Anthropology: Definition, Scope and relation with sciences. | 10 |
| Unit – II | Organic Evaluation: Lamarckism ,Neo- Lamarckism and Darwinism ,Neo Darwinism, Synthetic Theory. Inheritance:Mendel's Law of Inheritance, Non Mendelian Inhertitance- Sex-Linkage: X and Y Linkage with examples. | 15 |
| Unit – III | Man Place in Animal Kingdom : General Characteristics of Chordata-Vertebrata, Mammal. Primates : Prosimian, Anthropoidea, Hominidea, Position of Man in animal worlds. Comparative Anatomy (Man and Apes): Skull, Limb Bone & Girdles. | 15 |
| Unit – IV | Cell: Its Structure and Function, Brief introduction of Endoplasmic reticulum, Ribosome, Golgi complex, Lysosome, Mitochondria , Nucleus ,Chromosome, Cell Division: Mitosis and Meiosis | 10 |

**Suggested Readings :**


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 :Bological Anthropology.
7. Choubey Ramesh: Physical Anthropology. (In Hindi)


## **DEPARTMENT OF** ANTHROPOLOGY

B.A./B.Sc I Year

**Practical- Somatometric Measurement (DSC)**

| **Practical** | **Contents of Somatometric Measurement** | **Lecturer** |
|---|---|---|
| **Credit (1)** | Height Vertex, Height Acromion, Height rediale, Height Dectylion, Sitting Height, Bi-Acromial diameter, Head length, Head Breadth, Cephalic Index, Nasal Length, Nasal Breadth, Nasal Index, Foot Length, Weight and Body Mass Index (BMI) | **30** |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B. Sc. I Year

### GENERAL ELECTIVE COURSE (GE)- INTRODUCTION OF SOCIAL ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: I** | **Semester: II** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/GE-104** | **Course Title:** **Introduction of 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

| | | |
|---|---|---|
| (Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
| Units | Contents | Lectures |
| Unit – I | Social Anthropology: Definition, Aims, Objective & Scope and Relationship with other Social Sciences. | 10 |
| Uni t – II | Concept and Definition: Group, Community, Association, Institution, Society, Status and Role, Social Structure, Social Organization, Tribe, Caste and Class. | 12 |
| Unit – III | Marriage : Problem of definition, Types of Marriages, Ways of acquiring mates, Hypergamy, Hypogamy, Levirate and Sororate. | 14 |
| Unit – IV | Basic Concept of Family : Universality of Family, Family-Form and Function, Basis concept of Kinship : Meaning and kinds of kinship, Categories of Kinship, Kinship Usages- Avoidance, Joking Relation | 14 |

**Suggested Books:**


1. MajumadarD.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 andHasnen 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)

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc II Year

### DISCIPLINE SPECIFIC CORE COURSE (DSC)

### FUNDAMENTALS OF SOCIAL AND CULTURAL ANTHROPOLOGY

| **Programme: Graduate in Arts/Science** | **Year: II** | **Semester: III** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSC-301** | **Course Title: Fundamentals of Social and Cultural 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.

| | |
|---|---|
| Theory- (Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>• **Term End Exam: 50 Marks** |

| Unit | **Course Content:** | Lectures |
|---|---|---|
| Unit – I | Basis Concept in Cultural Anthropology -: Culture, Culture- Trait, Culture complex, Culture Area , Culture Pattern , Culture theme, Culture Configuration, Acculturation. | 10 |
| Unit – II | Definition of Tribes. Special Features and Social Structure of Tribes in Uttarakhand Definition of Totemism, Characteristics of Totem, kinds of totem and Social Signification of Totem. | 14 |
| Unit – III | Economic Organization: Definition, Meaning and Scope, Main Stages of Economic Development, Economic Mechanism in Primitive Society, Gift and Hospitality, Trade and Exchange. | 12 |
| Unit – IV | Political Organization: Definition of Primitive Law, Justice in Primitive Society, Social Sanction, Social Control and Government, State and State less System. Religion and Magic: Definition and Differences, Theories Regarding Origin of Religion, Magic, Totem and Taboos. | 14 |

**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 andHasnen 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.


## DEPARTMENT OF ANTHROPOLOGY

## PRACTICAL – Techniques of Ethnographic Studies

| Practical | **Contents** : **Techniques of Ethnographic Studies.** | Lecture |
|---|---|---|
| Credit (1) | The Practical will include the following technique and methods in collection of data in social and physical Anthropology . 1. Interview 2. Questionnaire and schedule 3. Observation | 30 |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc II Year

### DISCIPLINE SPECIFIC ELECTIVE COURSE – (DSE) ANTHROPOLOGICAL THOUGHTS

| **Programme: Under Graduate in Arts/Science** | **Year: II** | **Semester: III**<br>**Paper-** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSE-202** | **Course Title:**<br>**ANTHROPOLOGICAL THOUGHTS** |

Course Outcomes:

1. The student will be able to learn Growth and Development of Social Anthropology and examine contemporary theoretical debates with in Anthropology
2. Critically analyze the process of globalization and its effects upon cultures around the world.
3. Articulate an anthropological perspective on current issues and concerns.

| | |
|---|---|
| Theory-<br>(Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>• **Term End Exam: 75 Marks** |

| Units | Contents | Lectures |
|---|---|---|
| Unit I | Growth and Development of Social Anthropology. Evolution Theory: Bachofen. McLennan, Morgon, Frazer, and Taylor. | 12 |
| Unit II | Diffusionism: British Diffusionism- Elliot Smith, W.H.R Rivers, German Diffusionism-Schmidt, Graebner and American Diffusionism – Boas, Krober. Culture Area Approach. | 14 |
| Unit III | Functionalism and Structural-Functionalism: Malinowski and Radcliffe Brown and S.F. Nadel . | 12 |
| Unit IV | Structuralism: Structural Analysis of Symbols, Myth and Totemism (Claude Levi-Strauss and E.R.Leach and Victor Turner) | 12 |

**Suggested Readings:**


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)

**DEPARTMENT OF ANTHROPOLOGY**

# B.A./B.Sc II YEAR

## GENERAL ELECTIVE COURSE (GEC) TRIBAL CULTURE IN INDIA

| **Programme: Under Graduate in Arts/Science** | **Year: II** | **Semester: III** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/GE-203** | **Course Title:** Tribal Culture in India |

Course Outcomes

The learning out comes of this paper are:

1. The students will learn about various concepts of tribes and the importance of studying them.
2. They will learn about the difficulties of differentiating between tribe and caste in India.
3. They will also learn about classification of tribes based on religion, economy, occupation, race, etc.
4. From the practical component they will learn about distribution of various categories of tribes in India and how to write an annotated bibliography and social structure of one of them.

Credit-4

**Max. Marks: 100**

**Internal Assessment Marks: 25**:

- **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.
- **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.

**Term End Exam: 75 Marks**

| Unit | Contents | Lectures |
|---|---|---|
| Unit – I | Concept of tribes and its problematic nature, General and specific characteristics of tribes, Tribes in India: Antiquity, historical, academic, administrative and anthropological importance, Denotified tribes. | 12 |
| Unit- II | Tribe-caste continuum, Constitutional safe guard/ provisions, Gender and Tribe, Distribution of tribes in India. | 10 |
| Unit – III | Tribes: Nomenclature- emic and etic differences, Classification of tribes based on their economy, occupation and religion, Racial elements among the tribes, Scheduled and non-scheduled categories of tribes. | 14 |
| Unit – IV | Tribal movements, Tribal monographs, Problems of tribal development, Forest policies and tribes, Migration and occupational shift, Tribal arts and aesthetics displacement, rehabilitation and social change tribes. | 14 |

**Suggested Reading:**


1. Behera,D.Kand Georg Pfeffer. Contemporary Society Tribal Studies, Volume VII. New Delhi: Concept Publishing Company.
2. Georg Pfeffer. Hunters, Tribes and Peasant: Cultural Crisis and Comparison. Bhubaneswar:
3. Niswas. Vidarthy, L.P. and Rai. Applied Anthropology in India.
4. Vidarrthy.L.P.and B.N.Sahay. Applied Anthropology and Development in India. New Delhi : National Publishing House.
5. Vidyarthi and Rai : Tribal Culture of India.

**DEPARTMENT OF ANTHROPOLOGY**

**B.A./B.Sc. II YEAR**

**DISCIPLINE SPECIFIC CORE COURSE (DSC) RESEARCH METHODLOGY**

| **Programme: Under Graduate in Arts/Science** | **Year: II** | **Semester: IV** |
|---|---|---|
| **Subject - Anthropology Course** | **Course Code: ANT/DSC-204** | **Course Title: RESEARCH METHODOLOGY** |

**Course Outcomes:**

1. 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.

2. 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.

3. They will be able Operational all these methods and undertake a field based research and prepare a report on a given topic .

| Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus ofhis/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching andinteraction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |
|---|---|

| Unit | Course Content | Lectures |
|---|---|---|
| Unit– I | Research Method: Basic Concepts, Definition, Meaning and Scope, Social survey.<br><br>Hypothesis: Meaning, Characteristics, Importance & Limitation. | 14 |
| Unit– II | Research Design: Exploratory, Descriptive and Experimental. | 12 |
| Unit– III | Data Collection and Technique: Observation, Interview, Schedule, Questionnaire, Sampling. Report Writing. | 12 |
| Unit – IV | Statistical analysis: Mean, Mode, Median, Standard deviation. Use of Computer in Anthropology. | 14 |

**Suggested Readings:**


1. Routlege &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)


## DEPARTMENT OF ANTHROPOLOGY

### B.A./B.Sc. II YEAR

### PRACTICAL – METHODS OF SOCIAL RESEARCH

| Practical | Contents : Methods of Social Research | Lecture |
|---|---|---|
| **Credit (1)** | 1. Framing questionnaire and Schedule of the problem given, Formulating research design and hypothesis.<br>2. Observation and recording data on the event . Case study with analysis of data, Construction of Genealogical charts | 30 |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc. II Year

### DISCIPLINE SPECIFIC ELECTIVE CORE (DSE) Title: TRIBAL AND PEASANT CULTURE

| **Programme: Under Graduate in Arts/Science** | **Year: II** | **Semester: IV** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DEC-205** | **Course Title: Tribal and Peasant Culture** |

Course Outcomes:
Student will able to learn Concept and Classification of Tribe. Case study of Himalayan Tribe, Concept of Peasantry and Social Organization of Tribes.

| | |
|---|---|
| Theory-(Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75** |

| Units | **Course Contents :** | Lectures |
|---|---|---|
| Unit – I | Concept of Tribe, Classification of Tribes in India Geographical, Distribution Racial elements and Linguistic elements. | 10 |
| Unit – II | Case study of Himalayan Tribe : Jaunsari and Bhotia. Distinctive feature of the Himalayan culture. | 12 |
| Unit – III | Concept of Peasantry, Characteristics of Indian Village, A study of Concept in the study of Indian Villages: Dominant caste, Little and Great Tradition, Sanskritization and desanskritzation, Westernization and Modernization. | 16 |
| Unit – IV | Social Organization of Tribes:<br>(i) Tribal Economy (ii) System of marriage (iii) Tribal Religion | 12 |

**Suggested Readings:**


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.

# DEPARTMENT OF ANTHROPOLOGY
## B.A./B.Sc II Year

### GENERIC ELECTIVE COURSE (GE ) HUMAN ORIGIN AND EVALUTION

| **Programme: Under Graduate in Arts/Science** | **Year: II** | **Semester: IV** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/GE-206** | **Course Title: HUMAN ORIGIN AND EVOLUTION** |

**Course Outcomes:**

1. The students will learn about the origin of hominoid group in the primates.
2. They will learn about the origin, distribution and characteristics of extinct hominids and the process of hominization.
3. The components of the Practical paper will help students to understand how craniometric measurements and derived in dicesare use ful in studying evolutionary changes in modern humans.
4. Students will learn taking the craniometric measurements.

| | | |
|---|---|---|
| Credit-4 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Assignment 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam:75**. | |
| Unit | **Course Content:** | Lectures |
| Unit I | Evolutionary Record , Early Evolutionary History , Paleozoic Era, Mesozoic Era, Cenozoic Era. | 10 |
| Unit II | Primate origins and radiation with special reference to Miocene hominoids: distribution, features and their phylogenetic relationships. | 12 |
| Unit III | Australopithecines: distribution, features and their phylogenetic relationships. Appearance of genus Homo (Homo habilis) and related finds. Homo erectus from Asia, Europe and Africa: Distribution, features and their phylogenetic status. | 16 |
| Unit IV | The origin of Homo sapiens: Fossil evidences of Neanderthals and Archaic Homo sapiens sapiens. Origin of modern humans (Homo sapiens sapiens): Distribution and features, Hominisation process | 12 |

## Suggested Readings


1. Buettner-Janusch, J. (1966). Origins of Man: Physical Anthropology. John Wiley & Sons, Inc., New York, London, Sydney.
2. Conroy,G.C.(1997).ReconstructingHumanOrigins:AModernSynthesis.W.W.Norton&Company, New York, London.
3. Howell F.C.(1977). Horizons of Anthropology. Eds. S. TaxandL. G. Freeman, Aldine Publishing House, Chicago.
4. N Y strom P. and Ashmore P.(2011).The Life of Primates. PHIL earning Private Limited, New Delhi. Seth P.K. and Seths.(1986).The Primates. Northern Book Centre, New Delhi, Allahabad.
5. Singh I.P. and Bhasin M.K.(1989).Anthropometry: A Laboratory Manual on Biological Anthropology. Kamla-Raj Enterprises, Chawri Bazar, Delhi.
6. Stand ford C.; Allen J.S. and Anton S.C.(2012). Biological Anthropology: The Natural History of Mankind. PHI Learning Private Limited, New Delhi.
7. Swindler D.R.(2009).Introduction to the Primates. Overseas Press India Pvt. Ltd., New Delhi. Das, B. M & Rajan Deka. : Physical Anthropology Practical.
8. B.R.K.Shukla and Rastogi: Laboratary Manual of Physical Anthropology. Agnihotri
9. B.Practical Physical Anthropology.

# DEPARTMENT OF ANTHROPOLOGY
## B.A./B.Sc III YEAR

### DISCIPLINE SPECIFIC CORE COURSE (DSC) HUMAN GENETICS

| **Programme: Under Graduate in Arts/Science** | **Year: III** | **Semester: V** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSC-201** | **Course Title:** HUMAN GENETICS |

Course Outcomes:
Students will be-

1. Able to describe structure and function of human genome

2. Able to understand the use of inheritance pattern underlying genetic diseases

3. Familiar with types of genetic variations used to assess genetic traits/diseases

| | |
|---|---|
| Theory- (Credit-3) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from thesyllabus of his/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class roomteaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internalexaminers)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Principles of Human Genetics: Concepts, Scope and Field of Human Genetics. | 10 |
| Unit – II | 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. | 14 |
| Unit – II | Normal Human Karyotype in Mitosis and Meiosis, Chromosomal Aberration Autosomal and Gonosomal Anomalies. Mutation, Spontaneous and Induced, Chromosomal and Somatic | 12 |
| Unit – IV | Heredity: Method of Studying-Twin Method, Biology of Twining Diagnosis of Zygosity, Pedigree Method, Heredity and Environment. ABO and Rh Blood group, Dermatoglyphics. | 12 |

**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. SinghU.P. : Human Genetics. (In hindi)


## DEPARTMENT OF ANTHROPOLOGY

### B.A./B.Sc III Year

### Practical :- Material Culture:

| **Practical Credits** | **Practical of Material Culture** | Lectures |
|---|---|---|
| (1) | Detailed given by Department | 30 |

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc III Year

### DISCIPLINE SPECIFIC ELECTIVE CORE (DSE) Title: PALEO ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: III** | **Semester: V** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSE-302** | **Course Title: Paleo Anthropology** |

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.

| | | |
|---|---|---|
| Theory- (Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Assignment 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75**. | |
| Unit | **Course Content:** | Lectures |
| Unit -1 | Paleoanthropology : Definition and Scope. Geological Time Scale and Dating Methods. | 8 |
| Unit -2 | Fossils and Fossilization : Morphology of Fossils, Physico-chemical conditions for fossilization, Types and significance of Fossils. | 12 |
| Unit 3 | Fossil Primates and Apes: Prosimian Primate, Propliopithicus, Dryopithicus, Ramapithicus / Sivapithicus, Kenyapithicus,Australopithicus Africanus and Paranthropus Robustus, Homo Habilis and its Characteristics and Distribution. | 15 |
| Unit-4 | Homo Erectus and Homo Erectus Pekinensis: Distribution, Characteristics and Comparison, Solo Man, Heidelberg Jaw. Homo sapiens neanderthalensis: Characteristics and Distribution, Classical and Progressive, Cro-magnon, Rhodesian Man. | 15 |

**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 :Bological Anthropology.
8. ChoubeyRamesh : Physical Anthropology .(In Hindi)
9. Shukla B.R.K. and Rastogi : Human Genetics and Ethnic Variation. (In Hindi & English)

# DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc III Year

### GENERIC ELECTIVE COURSE (G.E.) INDIAN ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: III** | **Semester: V** |
|---|---|---|
| **Subject Course: Anthropology** | **Course Code: ANT/GE-303** | **Course Title :** Indian Anthropology |

Course Outcomes

1. The students will learn about how anthropology originated and evolved in India.
2. They will learn about Indian society on the basis of some key concepts developed by various anthropologists and sociologists.
3. They will also learn about the contributions of some western anthropologists to understanding Indian society and culture.
4. From the practical component they will learn about diversities in Indian society on the basis of biological and cultural traits.

(Credit-4)

**Max. Marks: 100**

**Internal Assessment Marks: 25**:

- **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.
- **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.

**Term End Exam: 75 Marks**

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Origin, history and development of Anthropology in India, approaches to study Indian society and culture- traditional and contemporary. | 10 |
| Unit – II | Understanding the diversity of Indian social structure - concept of Varna, Jati, Caste, Ashram or Purusharatha, gender hierarchies-their economic and cultural impact, origin and evolution of social structures and their underlying philosophies. | 14 |
| Unit – III | Aspects of Indian Village social organization- Caste System, Jajmani relation, Sanakritization. Contribution of contemporary biological, social and archaeological anthropologists in India – N.K.Bose, Surjit Singh, D.N.Majumdar, L.P.Vidyarthi. | 12 |
| Unit – IV | Impact of culture-contact, urbanization and industrialization on tribal and rural population. Racial and linguistic elements in Indian population – Risley , Guha and Sarkar. | 14 |

**Suggested Readings :**


1. Chaudhary, S.N. 2009. Tribal Development Since Independence. Concept P. Co.
2. Hasnain Nadeem: Indian Anthropology. (In Hindi)
3. Hasnain Nadeem: Unifying Anthropology.
4. Panigraphi Nilakantha,2019.TribalEconomyCultureandSocietyinIndia.ConceptP.Co.
5. Sharma A.N.: Indian Anthropology. (In Hindi)
6. Mukharjee R.N.:IntroductionofSocialAnthropology.(InHindi)

# DEPARTMENT OF ANTHROPOLOGY

**B.A./B.Sc./III YEAR**

**PROJECT REPORT BASED ON FIELD STUDY**

| **Programme: Under Graduate in Arts & Science** | **Year: III** | **Semester: V** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/PR-304** | **Course Title:** Project Report Based on Field Study | |
| Out comes :<br>To learn how to write a project report based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis. | | |
| Credits: 02 | Max. Marks: 100 (Evaluation by External & Internal Examiner)<br>Project Report 75<br>Internal Assessment: Viva Voce + Attendance : 25 (20+5) | |

The Practical Will include the following techniques and methods in collection of data in Social and Physical Anthropology. 1. Interview 2. Questionnaire and Schedule 3. Observation.

**Note:**
The students will be required to select a topic and the area of their interests with the help of their respective supervisor allotted to them by the department. Research project must be submitted to the department before the commencement of the theory examination,. The size of the project report normally ranges between 30 to 40 pages. The research project will be evaluated by the external and internal examiners.

**DEPARTMENT OF ANTHROPOLOGY**

# B.A./B.Sc III Year

## DISCIPLINE SPECIFIC COURSE (DSC) PRE-HISTORIC ANTHROPOLOGY

| **Programme: Graduate in Arts/Science** | **Year: III** | **Semester:VI** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSC-305** | **Course Title:** Pre-historic 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.

| | | |
|---|---|---|
| Theory (Credit-3) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** | |
| Unit | Course Content | Lectures |
| Unit – I | Prehistory: Meaning and Scope, Classical, Historical, Proto-historic and Pre – historic Archaeological Anthropology. Dating method: Absolute and Relative Dating Method. | 10 |
| Unit – II | 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. | 14 |
| Unit – III | Pre-historic Dimension of Indian Culture: Paleolithic, Mesolithic, Neolithic Culture and Chalcolithic Cultures, Megalithic Culture. Tools Typology and Technology-: Paleolithic, Mesolithic and Neolithic Culture, Indus Valley Civilization | 14 |
| Unit – IV | Indian Mesolithic – Langhnaj, Bagur, Adamgarth, Sarai Nahar Rai, Birbhanpur, Rock Art in India | 12 |

**Suggested Readings:**


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. 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)


## DEPARTMENT OF ANTHROPOLOGY
## B.A./B.Sc III Year

### PRACTICAL :- Pre-historic Tool and Typology

| | | |
|---|---|---|
| Practical (Credit-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 | 30 |

**Suggested Readings:**


1. Chaubey Ramesh: Archaeological Anthropology.
2. Bhattcharya D.K.: An outline of Indian Prehistory..
3. Sali S.A.: Stone Age India.
4. Sankalia H.D.: Stone Age Tools: Their Techniques, Names and probable function.
5. Majumdar D.N. and Saran Gopal: Pragitihas. (In Hindi)

## DEPARTMENT OF ANTHROPOLOGY

## B.A./B.Sc III YEAR

### DISCIPLINE SPECIFIC CORE COURSE (DSE) – ETHNOLOGY OF INDIA

| **Programme: Under Graduate in Arts/Science** | **Year: III** | **Semester: VI** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSE-306** | **Course Title: Ethnology of India** |

**Course Outcomes:**

1. Students will be able to learn Ethnic Affinity of the Prehistoric Indian Population.
2. Students will be able to learn Classification of Risley, Guha, Hutton and Haddon.
3. Students also learn Scientific Meaning of Race, Characteristics of Race, Origin of Race.

| | |
|---|---|
| Theory-<br>(Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** |

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Ethnology: Definition, Ethnic Affinity of the Prehistoric Indian Population as Evident from the Skeletal Remains. | 12 |
| Unit – II | Ethnic Affinity of Indian Population-Pattern of Classification- Hutton, Haddon Classification, its Merits and Limitation. | 12 |
| Unit - III | Race and Races of World: Scientific Meaning of Race, Characteristics of Race, Origin of Race, Racism, Criteria of Racial Classification – Morphological and Genetical. | 14 |
| Unit – IV | Linguistic Distribution vis-a-vis the Ethnic Group of Indian Population. Ethnic Composition of Himalayan Population. | 12 |

**Suggested Reading:**


1. SarkarR.M: Fundamentals of Physical Anthropology.
2. Ghosh and Ghosh: Introduction to Physical Anthropology.
3. Das B.M.: Outline of Physical Anthropology.
4. Mukherjee R.N.: Introduction of Social Anthropology. (in Hindi)
5. Sharma A.N.: Indian Anthropology.(In Hindi).

**DEPARTMENT OF ANTHROPOLOGY**

**B.A./B.Sc. III YEAR**

**GENERIC ELECTIVE COURSE (GEC) SOCIAL DEMOGRAPHY**

| **Programme: Under Graduate in Arts/Science** | **Year:** III | **Semester:** VI |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANTH/GE-307** | **Course Title: Social Demography** |

**Course outcomes:**

1. Students also able to learn Nature and Importance of Demography.
2. Source of Demographic Data- Census, Registration and Survey Data in India.
3. Components of Demographic Process- Fertility, mortality, migration.

| | |
|---|---|
| Theory Credits: 4 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** |

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Nature and Importance of Demography, Relationship between Demography and Anthropology.<br>Theory of Population – Malthusian, Optimum, Social-Cultural and Demographic Transition. | 14 |
| Uni t – II | Source of Demographic Data- Census, Registration and Survey Data in India, Population Size and Composition: Sex Ratio and Population pyramids. | 12 |
| Unit – III | Components of Demographic Process- Fertility, mortality, migration. Tribal Demography in India- its Structure and Growth. | 12 |
| Unit – IV | Source of Demographic Data- Census, Registration and Survey Data in India, Population Size and Composition: Sex Ratio and Population pyramids. | 12 |

**Suggested Readings**


1. Bogue, D: Principal of Demography.
2. Speigilman : Introduction to Demography.
3. Jain , S.P.: A Status Study of Population Research Demography.
4. Boshers,J.M. : Population Pressure in Social System.
5. Hans Raj : Population Studies with Special Reference to India.

**DEPARTMENT OF ANTHROPOLOGY**

**B.A./B.Sc./III YEAR**

**PROJECT REPORT BASED ON FIELD STUDY**

<table>
<tr><td colspan="2">Programme: Under Graduate in Art & Science</td><td>Year: III</td><td>Semester: VI</td></tr>
<tr><td colspan="4">Subject: Anthropology</td></tr>
<tr><td>Course Code: ANT/PR-308</td><td colspan="3">Course Title: Project Report Based on Field Study</td></tr>
<tr><td colspan="4">Outcome To learn how to write a project report based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the data analysis.</td></tr>
<tr><td>Credits: 02</td><td colspan="3">Max. Marks: 100<br>(Evaluation by External &<br>Internal Examiner)<br>Project Report 75<br>Internal Assessment: Viva Voce + Attendance : 25 (20+5)</td></tr>
<tr><td colspan="4">The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Project Report normally ranges between 30 and 40 pages. The Research Project Report will be evaluated by the external and internal examiners.</td></tr>
</table>

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

| Sem. | Core Discipline Specific Course (DSC) 4 | DSC/GE 4 | | Total Credi |
|---|---|---|---|---|
| VII | DSC (3+1=4)<br>**Theory (3)**<br><br>Biological Anthropology<br><br>**Practical-(1)**<br><br>Anthropometry | Choose three DSE (3x4) courses<br>**OR** Choose two DSE- (2x4) and one GE (4) (total = 12)<br>**DSE –**<br>1.Social and Cultural Anthropology<br>2.Archeological Anthropology<br>3.Research Methodology<br><br>**GE-**<br>1. Human Cytogenetics | Dissertation (6)<br>(Dissertation on any Triba backward, Rural and urba Problem of Uttarakhand (Problem Identification Review of Literature, Discus on Research Tools )<br>**Progressive Mode** | 22 |
| VIII | DSC (3+1=4)<br>**Theory (3)-**<br><br>Economic and Political Anthropology<br><br>**Practical (1)**<br><br>Pre-historic Tool and Material Culture | Choose three DSE (3x4) courses<br>**OR** Choose two DSE- (2x4) and one GE (4) courses(total = 12)<br>**DSE-**<br><br>1. Human Genetics and Ethnic Variation<br>2. Pre-historic Culture<br>3. Research Data Analysis<br><br>**GE-**<br>1. Anthropology in Disaster Management | **Dissertation-1** (6)<br>(Data collection, Data Analysis, Report Writing and Presentation) | 22 |
| | Students on exit shall be awarded Bachelor of (in the Field of Study/Discipline) (Honors with Research/Academic Projects/Entrepreneurship) or (Honors with Research in Discipline-1 (Major) with Discipline-2 (Minor) after securing the requisite 176 credits on completion of Semester VIII | | | Total 176 |

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

### DISCIPLINE SPECIFIC CORE COURSE (DSC)- BIOLOGICAL ANTHROPOLOGY

| **Programme: Under Graduate in Arts & Science** | **Year: IV** | **Semester: VII** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSC-401** | **Course Title: Biological Anthropology** |

COURSE OUTCOMES :

1. The students will be able to understand The meaning and scope of Biological Anthropology.
2. Human Place in Animal Kingdom and Primate Classification.
3. Human Genetics, Biological Basis of Life and Theories and Principles of Evolution.
4. Also understand the Anthropometric measurements.

| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50** | |
|---|---|---|
| Units | Course Content | Lectures |
| Unit – I | Biological/Physical Anthropology: Meaning and Scope. Human Place in Animal Kingdom. | 8 |
| Uni t – II | Living Primates : Primate Classification, Tree Shrew, Lemur, Loris. Tarsius. New world Monkey , Old World Monkey, Hominoid- Gibbon and Siamang, Orangutan, Gorilla, Chimpanzee, The Humans. | 14 |
| Unit – III | Theories and Principles of Evolution: Lamarckism, Neo-Lamarckism, Darwinism, Neo-Darwinism, Parallelism, Convergence, Orthogenesis, Synthetic Theory of Evolution. Mutation and Neo-Mutation Theory. | 14 |
| Unit– IV | Human Genetics, Biological Basis of Life, The Cell, Cell Structure, Chromosome, Meiosis, Sex Chromosomes, D.N.A Structure and Genetics Code, Theory of Gene, Point mutation. | 14 |

**Suggested Readings:**


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

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

### PRACTICAL – ANTHROPOMETRY

| Practical | Content – Anthropometry | Lecture |
|---|---|---|
| Credit (1) | **A. Somatometry:** Pondereal Index, Height Acromian, Height Illiocristate**,** Height Cervical**,** Height Span, Height-Dactylion, Bigonial Breadth, Total Arm Length, Glabella Inion Length, Nasal Height, Nasal Depth.<br>**B. Craniometry:** Maximum Cranial Length, Maximum Cranial Breadth, Maximum Frontal Breadth Length of the Foramen Magnum, Total Cranial Height, Nasal Index, Cranial Index, Glabella Lambda Length, Frontal Arch, Parietal Arch, Occipital Arch, Glabella-Lnian Length, Basion-Bregma Length., Maximum Occipital Breadth, Bizygomatic Breadth, Bimaxillary Breadth. | 30 |

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

DISCIPLINE SPECIFIC CORE COURSE (DSE)– SOCIAL AND CULTURAL ANTHROPOLOGY

| **Program: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VII -** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DSE-402** | **Course Title: Social and Cultural Anthropology** | |

Course Outcomes:

1. The students will be able to understand and apply the basic concepts like groups, institutions, organization and community in understanding of society and culture.

2. They should be able to appreciate the significance of social anthropology and its contemporary role in the society.

3. 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.

| | |
|---|---|
| Theory Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching andinteraction.<br>**Term End Exam: 75** |

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Basic concepts in culture Anthropology : Definition of culture, culture –Trait, Culture Complex, Culture-Area, Culture –Theme, Culture-Pattern . | 12 |
| Uni t – II | Concept and Definition: Society, Community, Status and Role, Association, Social Structure, Social Organization, Tribe, Caste and Class. | 12 |
| Unit – III | Basic Concept of Family, Universality of Family, Family-Form and Function, Universality of Family as an institution . Types of Marriage, Hypergamy, Hypogamy, Levirate and Sororate. Types of acquiring Meats in Tribal Socity's. | 16 |
| Unit – IV | Religion and Magic: Definition and Differences, Theories Regarding Origin of Religion, Magic, Totem and Taboos. | 10 |

**Suggested Readings :**


1. Majumadar D.N., 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 andHasnen 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

DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

DISCIPLINE SPECIFIC ELECTIVE (DSE)- ARCHAEOLOGICAL ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VII** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSE-403** | **Course Title: Archaeological Anthropology** |

**COURSE OUTCOMES**

The Course will explain the basic concepts and terminology used in prehistoric archaeology.

1. Understand the chronological and cultural determinants of Indian Archaeology.

2. Understand chronological and cultural determinants of European prehistory.

3. Appreciate the new trends in archaeological anthropology.

4. Able to describe understand the geological characteristic of India.

5. Able to understand the evolution of Indian settlements and other complex cultures.

| | |
|---|---|
| Theory- (Credit- 04) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus ofhis/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching andinteraction.<br>**Term End Exam:75** |

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Introduction to Archaeology:<br>Meaning and Scope, Different Types of Archaeology – Classical, Historical, Proto-historic and Pre-historic Archaeology and Ethno-Archaeology. | 10 |
| Uni t – II | Geological and Archaeological Time Scale:<br>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. Chronology as a Concept, Fossils and Fossilization, Osseous Material and their Importance, Fossil Bones and Teeth | 14 |
| Unit – III | Dating Method:<br>Relative and Absolute Dating.River Terraces, Stratigraphic Dating, Palynology, Radiocarbon Dating Potassium Argon Dating, Thermo Luminescence, Dendrochronology, Archaeomagnetism, Culture Chronology, The three Age System, Stone/Copper Bronze/Iron Age (Palaeolithic, Mesolithic and Neolithic Period) | 14 |
| Unit – IV | Tool Typology:<br>Stone Tool Typology, Pebble Tools- Chopper, Chopping Tools, Bi-faces-Hand-axe, Cleaver, Scraper, Blade, Microlith, Grinding Stones, Ring Stones. | 12 |

**Suggested Readings :**


1. Agarawal. D.P.: The Archaeology of India.
2. Agarawal. D.P.: Prehistoric Chronology and Radiocarbon Dating in India.
3. Ghosh. A.:Encyclopaedia of Indian Archaeology.
4. Reddy Rami: Element of Prehistory.
5. Buettner Janusch:Origin of Man.
6. Sankalia. H.D.:Stone Age Tools: Their Techniques, Names, and Probable Function.
7. Majumdar D.N.: Gopal Saran: Pragitihas. (In Hindi)

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

### DISCIPLINE SPECIFIC CORE COURSE (DSE)- RESEARCH METHODS IN ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VII** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSE-404** | **Course Title: Research Methods in Anthropology** |

Course Outcomes:

1. Students will be able to 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.

2. 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.

3. They will be able operationalise all these methods and undertake a field based research and prepare a report on a given topic

| Credits:4 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75** | |
|---|---|---|
| Units | Contents | Lectures |
| Unit – I | Anthropological Research Meaning, Definition and scope. Problem of Objectivity, Research Process. | 12 |
| Unit – II | Hypothesis: Meaning, Characteristics and Role in Anthropological Research. Use of Computer in anthropology. | 12 |
| Unit – III | Research Design: Exploratory, Descriptive and Experimental. The art of report writing, Bibliography and referencing. | 12 |
| Unit – IV | The Basic Technique of data collection : Observation, Interview, Schedule, Questionnaire, Sampling. Statistical analysis: Mean, Mode, Median, Standard deviation. | 14 |

**Suggested Readings:**


1. Routlege &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)

# DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

GENERIC ELECTIVE COURSE (GEC) - HUMAN CYTOGENETICS

| **Programme: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VII** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/GE-405** | **Course Title: Human Cytogenetics** |

Course Outcomes:
1.Students will be able to Technique of studying Human Chromosomes.
2.Techniques of studying Nuclear Sex-sex Chromatin from Buccal Smear.
3. Types of chromosomal Aberration and Identification of Chromosomes. Banding Techniques

| Theory Credit:04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching andinteraction.<br>**Term End Exam: 75** | |
|---|---|---|
| Unit | Course Content | No. of Lectures |
| Unit – I | Chromosomes in Man- Technique of studying Human Chromosomes from Leucocytes, Fibroblasts and Bone Marrow. | 10 |
| Uni t – II | Techniques of studying Nuclear Sex-sex Chromatin from Buccal Smear, Drum Stick Leucocytes. | 10 |
| Unit – III | Normal Human Karyotyping, Identification of Chromosomes. Banding Techniques- Q Banding, C Banding, G Banding, R Banding, T Banding, Silver Staining Standardization of Nomenclature-International System for Cytogenetic Nomenclature (ISCN-1978,1981). | 14 |
| Unit – IV | Types of chromosomal Aberration:<br>Numerical (Turner Syndrome, Klinefelter Syndrome, Triple-X, Tetra-X, Down Syndrome, Patau Syndrome, Edwards Syndrome, Sturge Weber Syndrome).<br>B.Structural- Deletions- Cri-du-chat Syndrome, Deletion of short arm of 18 and Philadelphia Chromosome Duplications. C.Translocations– D/D,D/G,G/G,Acrocentric/nonacrocentric/metacentric/metacentric.Ring Chromosome, Isochromosome Inversians - Pericentric, Paracentric, Mosaicism, Anaphase Lag Triploidy & Tetraploidy. | 16 |

**Suggested Readings**


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.
6. Giblett, E.R.: Genetic Markers in Human Blood.


## DEPARTMENT OF ANTHROPOLOGY

## B.A/B.Sc. IV Year/ M.A/M.Sc I Year

## Dissertation on Major

| **Programme: Under Graduate in Arts** | **Year: IV** | **Semester: VII** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DIS-406** | **Course Title: Dissertation (Progressive Mode)** | |

Outcome :
To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made. Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the dataanalysis

| | |
|---|---|
| Credits: 06 | Max. Marks: 100 (Evaluation by External & Internal Examiner)<br>Dissertation: 75<br>Internal Assessment: Viva Voce + Attendance : 25 (20+5) |

(Dissertation on any Tribal, Backward, Rural and urban Problem of Uttarakhand) (Problem Identification, Review of Literature, Discuss and Development of Research Tools )

**Progressive Mode**

**Note :** The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 50 and 60 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.

DEPARTMENT OF ANTHROPOLOGY

# B.A / B.Sc. IV Year/ M.A/ M.Sc. I Year

## DISCIPLINE SPECIFIC COURSE (DSC) – ECONOMIC AND POLITICAL ANTHROPOLOGY

| **Programme: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VIII**<br>**Paper-** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSC-407** | **Course Title: Economic and Political Anthropology** |

Course Outcomes:

* 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.

| | |
|---|---|
| Theory<br>Credit:3 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50** |

| Units | Contents | Lectures |
|---|---|---|
| Unit – I | Law and Social control: Definition and the Cultural background of law. The Anthropological approach to the study of law to be described with example . | 14 |
| Uni t – II | Economic Organization: Meaning and Scope, Main Stages of Economic Development, Economic Mechanism in Primitive Society, Gift and Hospitality, Trade and Exchange. Forms of exchange: Reciprocity: Barter: Ceremonial exchange: Silent Trade, redistribution and trade: concept of poverty and money in primitive societies. | 16 |
| Unit – III | Political organization mechanism of Social control in primitive societies: nature of primitive law: Government: state and stateless societies: panchayat-origin. history and change through time: factions. | 1 |
| Unit – IV | 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 |

**Suggested Readings :**


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.

DEPARTMENT OF ANTHROPOLOGY

## B.A / B.Sc. IV Year/ M.A/ M.Sc. I Year

### PRACTICAL- PRE-HISTORIC TOOLS AND MATERIAL CULTURE

| Practical | Content Pre-Historic Tools and Material Cultural | Lecture |
|---|---|---|
| Credit (1) | Detailed Given by Department | 30 |

# DEPARTMENT OF ANTHROPOLOGY

## B.A / B.Sc. IV Year/ M.A/ M.Sc. I Year

### DISCIPLINE SPECIFIC ELECTIVE (DSE) – HUMAN GENETICS AND ETHNIC VARIATION

| **Programme: Under Graduate in Arts/Science** | **Year: 4** | **Semester: VIII** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSE-408** | **Course Title :** 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.

| | | |
|---|---|---|
| Theory- (Credit-4) | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus ofhis/her course taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching andinteraction.<br>**Term End Exam: 75** | |
| Unit | **Course Content:** | Lectures |
| Unit – I | Genetics Definition and its relevance in Physical Anthropology, the Mendelian Principal. | 10 |
| Uni t – II | Cell: Structure and Division. | 08 |
| Unit – III | 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. | 14 |
| Unit – IV | 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, Dermatoglyaphics. | 18 |

**Suggested readings:**


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, Lousis: Homo Hierarchieus.
8. B.R.K Shukla and Sudha Rastogi- physical Anthropology and Human genetics
9. Stern curt- Principles of Human genetics.

# DEPARTMENT OF ANTHROPOLOGY

## B.A / B.Sc. IV Year/ M.A/ M.Sc. I Year

### DISCIPLINE SPECIFIC ELECTIVE (DSE) – PRE-HISTORIC CULTURE

| **Programme: Under Graduate in Arts/Science** | **Year: IV** | **Semester:VIII** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DSE-409** | **Course Title: Pre-historic Culture** | |

Course Outcomes:

* The students will learn about the Paleolithic Cultures, Middle Paleolithic Culture, Mesolithic and Neolithic Cultures and Indus Valley civilization.

| | | |
|---|---|---|
| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching andinteraction.<br>**Term End Exam: 75** | |
| Units | Contents | No. of Lectures |
| Unit – I | **Paleolithic Cultures**: Lower Paleolithic Culture: Africa-Old wan Europe: Acheulian, Adivillian, Levalosion, Clactonian, India: Sohn, Madrasian. | 10 |
| Unit – II | **Middle Paleolithic Culture**: African, Mousterian, Indian Upper Paleolithic Culture: Europe - Aurignacian Solutrean, Magdalenian Cultures, India. Cultural and Biological evidences of Paleolithic Cultures of India & characteristic Paleolithic Art in India. | 14 |
| Unit – III | **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. | 14 |
| Unit – IV | **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. | 12 |

### Suggested Readings


**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.

DEPARTMENT OF ANTHROPOLOGY

## B.A / B.Sc. IV Year/ M.A/ M.Sc. I Year

### DISCIPLINE SPECIFIC ELECTIVE (DSE) – RESEARCH DATA ANALYSIS

| **Programme: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VIII** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSE-410** | **Course Title: Research Data Analysis** |

**COURSE OUTCOMES**

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

| Credit:4 | | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Data Definition and Characteristics, Data Collection : Choice of suitable technique . | 10 |
| Uni t – II | Classification : Geographical , Chronological , Qualitative and Quantitative . Tabulation: General and special purpose. | 14 |
| Unit – III | Analysis and Interruption of Data. Graphic and Diagrammatic presentation of Data. Preparation and writing of report. | 10 |
| Unit – IV | Scope , Utility and importance of Statistics in Anthropology Sampling: random , purposive, Stratified ,Systematic and quota sampling . Measures of central tendency – mean , mode and median. The use of personal, official and historical documents in Anthropology. | 16 |

**Suggested Readings:**


**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

DEPARTMENT OF ANTHROPOLOGY

## B.A / B.Sc. IV Year/ M.A/ M.Sc. I Year

### GENERIC ELECTIVE COURSE (GE) – ANTHROPOLOGY IN DISASTER MANAGEMENT

| **Program: Under Graduate in Arts/Science** | **Year: IV** | **Semester: VIII** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/GE-411** | **Course Title:** Anthropology in disaster management |

**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.
* 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.

| | |
|---|---|
| Theory Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Concept, Definitions and Nature of Disasters. Causes and Types of Disasters: Famines, Floods, Earthquakes, Epidemics', Wars Industrial. Disasters, Nuclear Disasters. | 12 |
| Unit – II | Anthropological approaches to study disasters - archaeological/historical, political ecology, socio-cultural behavioral, gendered perspective.<br>The Effects and Aftermath of Disasters, Victims and Supervisions. | 14 |
| Unit – III | The Welfare State and Disasters: The Role of the State in Preventing, Apprehending and Management Disasters. | 14 |
| Unit – IV | Management of Disaster- Historical perspective, International and national agreements and protocols.<br>Health, Education, Social and Economic impacts of Disaster. | 10 |

**Suggested Reading :**


1. Sharma Dhirendra: India's Nuclear Estate.
2. Haksar P.N. et. al.,: A Statement of Scientific Temper.
3. Nandy Ashish : Science, Authoritarianism and Culture.
4. Bidwai Praful: Atomic Power on the Run.
5. Nandy Ashis: The Bomb: The Illustrated Weekly of India.
6. Bajaj Jatinder K.: The Bhopal Tragedy: The Responsibility of the Scientific Community.
7. National Disaster Management Authority.

# Dissertation -1

| Programme: Under Graduate in Arts & Science | Year: IV | Semester :VIII |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DIS-412** | **Course Title: Dissertation-1** | |
| Outcome to learn how to select a Research Proposal based on research gap found during the literature survey or field observations made.<br>Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the dataanalysis | | |
| Credits: 06 | Max. Marks: 100<br>(Evaluation by External & Internal Examiner)Dissertation: 75<br>Internal Assessment: Viva Voce + Attendance : 25 (20+5) | |

(Data collection, Data Analysis, Report Writing and Presentation)

**Note:** The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project dissertation must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 60 and 70 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.

## DEPARTMENT OF ANTHROPOLOGY

# M.A./M.Sc. Final Year

**Student opt any one Group "A" and Group "B" for IX and X semester As Specialization**

**Group "A"- Biological Anthropology**

**Group "B"- Social Anthropology**

| Sem. | Core Discipline Specific Course(DSC) 4 | DSE/GE 4 | | Total Credit |
|---|---|---|---|---|
| IX | DSC (3+1=4)<br>**Theory (3)** **(For Group "A")**<br>*Human Growth and Development<br>**Practical (1)**<br>Sometoscopy and Osteology<br>**(For Group "B")**<br>**Tribal India**<br>**Practical (1)**<br>Tribal Identification | Choose three DSE (3x4) coursesOR Choose two DSE-(2x4) and one GE (4) courses ( total = 12 Cr.)<br>**(For Group "A") DSE**<br>1.Human Population Genetics<br>2.Demographic Anthropology<br>3.Kinanthropometry and Ergonomic<br>**(For Group "B") DSE**<br>1. Medical Anthropology (I)<br>2. Medical Anthropology (II)<br>3. Applied and Action Anthropology<br>**GE- Anthropology in Human Resource Management** | Dissertation (6 Cr.) (Dissertation on any Tribal, Backward, Rural and Urban area of Uttarakhand)<br>(Identification of Problem, Review of Literature Development of Research Tool)<br>**Progressive Mode** | 22 |
| **X** | DSC (3+1=4)<br>**Theory (3)** **(For Group "A")**<br>**Forensic Anthropology**<br>**Practical (1)** **(For Group "A")**<br>Dermetoglyphic (Finger and palm Print with Ridge Counting )<br>**(For Group "B")**<br>**Theory of Social Anthropology**<br>**Practical (1)** **(For Group B)**<br>Review of Social Anthropological Thinker's | Choose three DSE (3x4) courses**OR** Choose two DSE-(2x4) and one GE (4) courses (total = 12)<br>**(For Group "A") DSE**<br>1.Medical Anthropology<br>2.Nutritional Anthropology<br>3.Primate Biology and Behaviour<br>**(For Group "B") DSE**<br>1. Indian Anthropology<br>2.Developmental Anthropology<br>3. Ecological Anthropology<br>**GE- Urban Anthropology** | **Dissertation-2 (6 Cr.)**<br>(Data Collection, Data Analysis, Report writing and presentation) | 22 |
| | **Students on exit shall be Master's in Core subject after securing the requisite 220 credits on completio Semester X** | | | **Total 220** |

DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

**DISCIPLINE SPECIFIC COURSE (DSC) – HUMAN GROWTH AND DEVELOPMENT**
**(For Group "A")**

| **Programme: Post Graduate in Arts/Science** | | **Year: V** | **Semester: IX** |
|---|---|---|---|
| Subject: Anthropology | Course Code: **ANT/DSC-501** | **Course Title: Human Growth and Development (For Group "A")** | |

**Course Outcomes:**
The students will learn about the Definition and Concept of growth, Stages of Growth, Factors affecting growthand analysis of human physique and body composition- Seheldon Parnell, Health- caste method of Somatotyping. Nutrition and type.

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>**Presentation:10 Marks-** Seminar Presentation<br>• A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her course taughtand students will be asked to give a ppt presentation for the Internal Assessment<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Field Survey and Report Writing : 25 Marks**<br>• Field Report: 20 (It will be evaluated by the external and internal examiners)<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Definition and Concept of growth, differentiation Maturation and Development . | 10 |
| Unit – II | Stages of Growth – prenatal, Infancy; childhood ; Adolescence ; Maturity ; senescence; gerontology. | 12 |
| Unit – III | Factors affecting growth genetic , Environmental Harmonal, socio-economic ,secular trends . | 12 |
| Unit – IV | 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. | 16 |
| Practical Credit: 01 | Theory of Dermatoglyphic.<br><br>Identification of finger print and Palm Print. Ridge Counting. | 30 |

**Suggested Readings**


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, Lousis: Homo Hierarchieus.
8. B.R.K Shukla and Sudha Rastogi- physical Anthropology and Human genetics
9. Stern curt- Principles of Human genetics.


DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## Practical (For Group-A)

| | | |
|---|---|---|
| Practical Credit (01) | **Sometoscopy and Osteology (Detailed given by Department )** | 30 |

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

**DISCIPLINE SPECIFIC EIECTIVE (DSE) – HUMAN POPULATION GENETICS (For Group "A")**

| **Programme: Post Graduate in Arts/Science** | | **Year: V** | **Semester: IX Paper** |
|---|---|---|---|
| Subject: Anthropology | Course Code: **ANT/DSC-502** | **Course Title: Human Population Genetics (For Group "A")** | |

**Course Outcomes:**

The students will learn 1. The basic terms/concepts of human population genetics.
2. Appreciate the mechanism of evolutionary forces in shaping biological diversity.
3. Be familiar with the terminology and tools used in phylogenetic tree reconstruction.

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>**Presentation:10 Marks-** Seminar Presentation<br>• A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her course taughtand students will be asked to give a ppt presentation for the Internal Assessment<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Field Survey and Report Writing : 25 Marks**<br>• Field Report: 20 (It will be evaluated by the external and internal examiners)<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Basic concepts : History of human Population Genetics, Mendelian popolations, Hardy-weinberg Equilibrium (HWE), Application of Hardy-weinberg law in human population genetics. | 14 |
| Unit – II | Genetic Diversity assessment : Measures of genetic diversity and phylogenetic analysis and tree reconstruction. | 12 |
| Unit – III | Consanguinity and inbreeding: Definition and concept, genetic consequences of inbreeding in human population, | 12 |
| Unit – IV | Genetic Drift: Concept of genetic drift , Effective population size, genetic isolates, Dynamics of genetic drift, mutation and selection. | 12 |

**Suggested Readings :**


1. Daniel Hartl and clar, A.G. (1997). Principal of Population Genetics. Sinaver Associates, Inc.
2. Cavalli.s Ferza and bodmer(1976). The Genetics of Human Population. Freeman, sanfrancsisco.
3. Vadhya N.Kand Pandey : Biological Anthropology.

DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

# DISCIPLINE SPECIFIC EIECTIVE (DSE) – DEMOGRAPHIC ANTHROPOLOGY

**(For Group "A")**

| **Programme: Post Graduate in Arts/Science** | | **Year: V** | **Semester: IX Paper** |
|---|---|---|---|
| Subject: Anthropology | Course Code: **ANT/DSC-503** | **Course Title: Demographic Anthropology (For Group "A")** | |

**Course Outcomes:**

The students will learn 1.The basic components of population change and the factor effecting these changes in population.

2. The Current trends of demographic dynamics of different population groups.
3. The different ways of estimation of demographic characteristics.

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>**Presentation:10 Marks-** Seminar Presentation<br>• A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her course taughtand students will be asked to give a ppt presentation for the Internal Assessment<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Field Survey and Report Writing : 25 Marks**<br>• Field Report: 20 (It will be evaluated by the external and internal examiners)<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Basics concepts and definition of demography, Relation between demography and Anthropology Importance of Population studies and their implication. Various types of sampling design and their relevance in demographic studies. | 14 |
| Unit – II | The basic components of population change – fertility, mortality, marriage, migration and biological, social, ecological and economical factors influencing these components. | 12 |
| Unit – III | Sources of demographic data – census, civil registration system, sample registration system, National samples survey organization and merits and demerits. | 12 |
| Unit – IV | Population structure: Age and sex composition, ethnic composition, Geographical distribution and urbanization distribution according to various social characteristics. | 12 |

**Suggested Readings :**


1. Howell, N.(1986). demographic Anthropology, Ann. Rev, Anthropol.
2. Census of India (2001, 2011),SRS bulletin (2013, NFHS (2006) , CRS NSSO (Can be seen from browsing net)
3. Srivastava, O.S (1994) Demography and population studies. Himalaya publishing.
4. Chandra,R.C. – A Geography of Population.
5. Bouge, D. Principles of Demography.

DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

**DISCIPLINE SPECIFIC ELECTIVE (DSE) – KINANTHROPOMETRY AND ERGONOMICS (For Group "A")**

| **Programme: Post Graduate in Arts/Science** | | **Year: V** | **Semester: IX Paper** |
|---|---|---|---|
| Subject: Anthropology | Course Code: **ANT/DSC-504** | **Course Title: Kinanthropometry and Ergonomic (For Group "A")** | |

Course OutComes:

1. To understand the meaning of biomechanics in trem of human Physical activity and sport.
2. To study goles of studying biomechanics in sport and physical activity.
3. To understanding how the result of a qualitative analysis improve technical traning.
4. Understanding the advantages of following set of physical training.

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>**Presentation:10 Marks-** Seminar Presentation<br>• A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her course taughtand students will be asked to give a ppt presentation for the Internal Assessment<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Field Survey and Report Writing : 25 Marks**<br>• Field Report: 20 (It will be evaluated by the external and internal examiners)<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Kinanthropometry : Concept and historical background. Anthropology of sports : Physical conditioning, Training- techniques and physiological effects. | 12 |
| Unit – II | Anthropometry in Designing : Use of percentiles in designing products, design of workplace and work environment, design of clothing, personal equipment . | 12 |
| Unit – III | Ergonomics : Concept, evolution and scope, Theories and concept (Posture, Safety, efficiency and comfort and man-machine relationship) | 14 |
| Unit – IV | Environmental effects on physical performance of athletes , Effect of heat stress, cold stress and high altitude on their physiological response and performance. | 12 |

**Suggested Readings :**


1. North, K., Stepheton, C.,and Vogt, Chantal (1982). Ergonomics Glossary: Terms commonly used Ergonomics. Published for the bureau of information and co-ordination of community ergonomics action of the European coal and steel community.
2. Almo Farnia, Soundscape Ecology: Principles, Patterns, Methods andApplications. 2013.
3. R.S.Bridger, Introduction to Ergonomics. 1995.
4. Prof. (Dr.) Shymal Koley, Textbook of Kinanthropometry. Aitbs Publisher, India.

**DEPARTMENT OF ANTHROPOLOGY**
**M.A./M.Sc. Final Year**

**DISCIPLINE SPECIFIC COURSE –(DSC) – *TRIBAL INDIA**

**(For Group B)**

| **Programme: Post Graduate in Arts/Science** | | **Year: V** | **Semester: IX Paper** |
|---|---|---|---|
| Subject: Anthropology | Course Code: **ANT/DSC-501** | Course Title: *Tribal India **(For Group "B")** | |

**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 .

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>• **Presentation:10 Marks-** Seminar Presentation (A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her course taughtand students will be asked to give a ppt presentation for the Internal Assessment)<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Concept of tribe in Indian context . | 8 |
| Unit – II | Tribal societies in changing prospective<br>(i) Pre colonial period (ii) Colonial period (iii)Post independence | 14 |
| Unit – III | Social Change in tribal societies : A historical perspective<br>(i) Tribe – cast interaction (ii) Economic and political factors of change<br>(ii) (iii)Tribal uprising | 14 |
| Unit – IV | Social change in contemporary period<br>(i) Political democracy<br>(ii) Constitutional safeguards in modern India<br>(iii)Industrialization and urbanization | 14 |

**Suggested readings :**


1. Bailey, F.G. (1960).Tribes caste and Nations : A Political activity and Political change inttighland Orissa.
2. Guha, Ramchandra (1996). Savagingthe civilized: Verrier Elwin and the Tribal Question in lLate Colonial India. Economic and Political Weekly India, Vol.31.
3. Behera, M.C. (ed). (2018). Revisiting Tribal studies: A Glimpse after hundred years. Japiur: Rawat Publications.

4. Vidyarthi, L.P. (1977). Tribal Cultural of India : Concept Publishing Company .

5. Sachidananda. (1970).Tribal-caste Continuum : A case Study of the Gonda in Bihar. Anthropos, Bd. Pp.973-997

**DEPARTMENT OF ANTHROPOLOGY**

## M.A./M.Sc. Final Year

## Practical- TRIBAL IDENTIFICATION (For Group-B)

| Practical | Contents | Lectures |
|---|---|---|
| Credit-1 | Map out the various Tribal communities on a map of Indian wsrt: Migration pattern, Marriage practices and occupation pattern. | 30 |

**DEPARTMENT OF ANTHROPOLOGY**

## M.A./M.Sc. Final Year

### DISCIPLINE SPECIFIC ELECTIVE (DSE) – MEDICAL ANTHROPOLOGY (I)

### (For Group B)

| **Program: Post Graduate in Arts/Science** | **Year: V** | **Semester: IX Paper-** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSE-502** | **Course Title: Medical Anthropology (I)** |

Course Outcomes:

* 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.

| | |
|---|---|
| Theory Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her course taughtfor the Internal Assessment and written examination will be conducted.<br>• **Presentation:10 Marks-** Seminar Presentation<br>(A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her course taught andstudents will be asked to give a ppt presentation for the Internal Assessment)<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Medical Anthropology **:** Historical roots ; Definition , Aims and Scope. | 08 |
| Uni t – II | **2.** Theoretical orientation in medical Anthropology<br>a. Classificatory Approach –W.H.R. rivers.<br>b. Culture – trait approach – forest clement.<br>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<br>d. Growth of Medical Anthropology in India. | 20 |
| Unit – III | **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. b. Medical system as Social system<br>c. Medical system as Adaptive system.<br>d. Health culture | 12 |
| Unit – IV | 4. Health care delivery system**:** Institutional settings cures: Role and status , Therapeutic Interview (Doctor- patient relationship) ; public health , preventative measures. | 10 |

**Suggested Readings :**


1. Foster and Anderson : Medical Anthropology.
2. P.C. Joshi : Studies in Medical Anthropology.
3. P.C. Joshi : Tribal Health and Medicine.
4. P.C. Joshi and C. Mahajan : Recent Advance in Medical Anthropology.

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) – MEDICAL ANTHROPOLOGY (II)

**(For Group B)**

| **Programme: Post Graduate in Arts/Science** | **Year: V** | **Semester: IX** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DSE-503** | **Course Title: Medical Anthropology(II)** | |

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: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Presentation:10 Marks-** Seminar Presentation<br>(A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her coursetaught and students will be asked to give a ppt presentation for the Internal Assessment)<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Folk Psychiatry : Culture change and mental illness ; therapeutic elements in magico–religious healing techniques ; illness and social control. | 12 |
| Unit – II | 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. | 14 |
| Unit – III | 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 |
| Unit – IV | Traditional Medicines in the central Himalayas specialized , generalized and home medicines sectors, forms of traditional medicines natural and supernatural . | 12 |

**Suggested Readings :**


1. Foster and Anderson : Medical Anthropology.
2. P.C. Joshi : Studies in Medical Anthropology.
3. P.C. Joshi : Tribal Health and Medicine.
4. P.C. Joshi and C. Mahajan : Recent Advance in Medical Anthropology.

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE)- APPLIED AND ACTION ANTHROPOLOGY

| **Programme: Post/Under Graduate in Arts & Science** | **Year: V** | **Semester: IX** | **Paper-** |
|---|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSE-504** | **Course Title: Applied and Action Anthropology** | |

**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 .

| | | |
|---|---|---|
| Credit :04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/her coursetaught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
| Unit | Course Content | Lectures |
| Unit – I | Applied Anthropology : history ; Aims & Scope Applied and Action Anthropology . | 10 |
| Unit – II | Anthropology and tourism sacred geography. | 10 |
| Unit – III | Anthropology and SC/ST policy: constitutional safeguards and implementations. | 10 |
| Unit – IV | 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 | 20 |

**Suggested Readings:**


1. Applied and Action anthropology by L.P. vidiyarthi

2. B.M das – physical Anthropology

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## GENRIC ELECTIVE (GE)- HUMAN RESOURCE MANAGEMENT

**(For Group- A & B)**

| **Programme: Under/Post Graduate in Arts/Science** | **Year: V** | **Semester: IX** | **Paper-** |
|---|---|---|---|
| **Subject: Anthropology**<br>**Course Code: ANT/GE-506** | **Course Title: Human Resource Management** | | |

**Course Outcomes:**

The students will learn about the Human Resources Management, Personnel Management, Function Responsibility of management and Nature of Human Relations, Its Objectives, Scope and Importance, Labor Welfare.

| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Human Resources Management: Definition, Objectives, Importance of Human Resources Management. | 12 |
| Uni t – II | Personnel Management: Definitions, Objectives, Scope and Subject Matter, Function Responsibility and Qualifications. | 12 |
| Unit – III | Recruitment, Selection, Placement, Training, Performance Appraisal, Supervision. Group Dynamics and Leadership, Industrial Psychology, Motivation. Morale & Job Satisfactions. | 14 |
| Unit – IV | Nature of Human Relations, Its Objectives, Scope and Importance, Labor Welfare, Grievance, Social Security, Industrial Unrest and Labor Movement. | 12 |

**Suggested Reading :**


1. Michael. V.P.: Human Resources Management and Human Relations.
2. Mathur, B.L.: Human Resource Management.
3. Chandan, Ashok & Shilpa Kabra: Human Resources Strategy: Architecture for charge.
4. Bhatia, S.K. and Nirmal Singh: Principle and Techniques of Personnel Management.
5. Paul Pigors and Charles A. Myers: Personnel Administration.

# Dissertation

**(For Group A & B)**

| **Programme: Under Graduate in Arts & Science** | **Year: I** | **Semester: IX** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DIS-506** | **Course Title: Dissertation (Progressive Mode)** | |
| Outcome<br>To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made.<br>Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the dataanalysis | | |
| Credits: 06 | Max. Marks: 100<br>(Evaluation by External & Internal Examiner)Dissertation: 75<br>Internal Assessment: Viva Voce + Attendance : 25 (20+5) | |
| (Dissertation on any Tribe, Backward, rural and Urban area of Uttarakhand)<br>(Identification of Problem, Review of Literature Development of Research Tool)<br>**Progressive Mode** | | |

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC COURSE (DSC) – FORENSIC ANTHROPOLOGY
## (For Group "A")

| **Programme: Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology** | **Course Code: ANT/DSC-507** | **Course Title: Forensic Anthropology** |

**Course Outcomes:**

The students will learn about the Introduction to Forensic Anthropology, Basic Human Skeletal Biology Personal Identification, Complete and Partial Identification, Methods of Identification in Living Persons and Tooth Structure and Growth, Bite Marks, Facial Reconstruction.

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Presentation:10 Marks-** Seminar Presentation (A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her coursetaught and students will be asked to give a ppt presentation for the Internal Assessment)<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | 1. Introduction to Forensic Anthropology: Definition, Brief History, Scope, Applications and Integration of Forensic Anthropology. | 10 |
| Unit – II | 2. Basic Human Skeletal Biology, Identification of Human and Non-Human Skeletal Remains, Ancestry, Age, Sex and Stature Estimation from Bones, Discovery and Techniques for Recovering Skeletonized Human Remains. | 12 |
| Unit – III | 3. Personal Identification, Complete and Partial Identification, Methods of Identification in Living Persons: Somatometry, Somatoscopy, Occupational Marks, Scars, Bite Marks, Tattoo Marks, Fingerprints, Footprints, Lip Prints, Nails, Handwriting, Deformities and Others. | 14 |
| Unit – IV | 4. Individualization: Forensic Odontology-Tooth Structure and Growth, Bite Marks, Facial Reconstruction, DNA Profiling. Serology: Identification and Individualization of Bloodstain, Urine, Semen and Saliva. Patterns of Bloodstains. | 14 |

**Suggested Readings:**


1. Sarkar R.M.: Fundamentals of Physical Anthropology.
2. Ghosh and Ghosh: Introduction to Physical Anthropology.
3. Das B.M.: Outline of Physical Anthropology.
4. Nath Surendra: Forensic Anthropology.
5. Jha & Jha: Anthropology Part II.(In Hindi & English)
6. Nath Surendra. : Identification of Finger Prints.


DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## Practical- Dermetoglyphic **(For Group A)**

| Practical | Contents | Lectures |
|---|---|---|
| Credit-1 | Theory of Dermetoglyphics.<br>Finger and palm Print with Ridge Counting. | 30 |

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) MOLECULAR BIOLOGY

**(For- Group- A )**

| **Programme: Under/Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology**<br>**Course Code: ANT/GE-508** | **Course Title: Molecular biology**<br>**(For- Group- A )** | |

**Course Outcomes:**

The students will learn about the

1. Basic concept and terminology in molecular Anthropology .
2. Relevance of molecular markers in studying human origin.
3. Methods and technique used in genetic data generation.

| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Basic concepts : Genetic markers, macro and micro evolution, concept of molecular evolution, rate of molecular evolution. Gene function. | 14 |
| Uni t – II | Human origin : Human origin based on DNA and Y-chromosomal markers and phylogeography. Application of Phylogenetic studies. | 14 |
| Unit – III | Ancient DNA technology : Concept, Methods and Techniques. Inferences from studies on ancient DNA technology. | 12 |
| Unit – IV | Role of culture in shaping human genetic variation. | 10 |

**Suggested Readings :**


1. Jobling , M.A. Hurles, M and Tyler-Smith, C (2004). Human EvolutionaryGenetics, Origins, Peoples and Disease. Garland Science, New York.
2. Page, D.M and Holmes,E.C (1998). Molecular Evolution : A Phylogeneetic Approach. Blackwell Oxford.
3. Mark stoneking, (2016). An Introduction to Molecular Anthropology.

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) NUTRITIONAL ANTHROPOLOGY

**(For- Group- A )**

| **Programme: Under/Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology**<br>**Course Code: ANT/GE-509** | **Course Title: Nutritional Anthropology**<br>**(For- Group- A )** | |

**Course Outcomes:**

The students will learn about the 1. Human diet and nutrition from a explicitly anthropological perspective.
2. Basic knowledge of nutrition with special reference to its evolutionary perspective .
3. Macro and micro components of nutrition and their interaction, immunity and infection.
4. Current change in the dietary pattern and life style .

| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Introduction to Nutritional Anthropology : Principles, aim and objectives of nutritional Anthropology. Macro and Micro nutrients and their interaction, immunity and infection. Trace elements and their importance in human nutrition. | 14 |
| Uni t – II | Evolution of diet with the earliest human ancestors and latest human. Implication of dietary evolution. | 10 |
| Unit – III | Variation in contemporary food habits : pre-Industrialization, Industrialization and Globalization. Change in dietary pattern and life style. Nutritional disorder. | 14 |
| Unit – IV | Bio-cultural diversity of food and nutrition. Recommended dietary allowances. | 12 |

**Suggested Readings :**


1. Lee R.B. (1968). What hunters do for a living , or how to make out on Scarce resources.
2. Harris, M. (1987) Food ways : historical overview and theoretical progleomenon.
3. Pelto, G.H., Goodman, A.H. and Dufour, D.L.(2000) The biocultural perspective in nutritional Anthropolog y
4. Teaford, M.F., Ungar, P.S. (2000) Diet and evolution of the earliest human ancestors.

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) PRIMATE BIOLOGY AND BEHAVIOR

**(For- Group- A )**

| **Programme: Under/Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology**<br>**Course Code: ANT/GE-509** | **Course Title: Primate biology and behavior (For- Group- A )** | |

**Course Outcomes:**

The students will learn about the

1.Accumulate information about genetic and physical aspects.

2.Evolutionary biology of various non-human primates.

3.Their physical and anatomical metamorphosis will help the students to understand human evolution too.

| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Aim and scope of evolutionary biology with special reference to nonhuman primates. Trends in early primate radiation-dentition, postural modification with special reference to shoulder girdle, pelvic girdle, limbs, hand and foot. | 16 |
| Unit – II | Population genetics of nonhuman primates. Sociological and population dynamics of nonhuman primate. | 12 |
| Unit – III | Communication : Patterns Signals, display and vocational. Use of nonhuman primate in biomedical research. | 10 |
| Unit – IV | Behavior taxonomy : hierarchical , associative and sexual. Pattern of social behavior. Primate society. | 12 |

**Suggested Readings :**


1. Russell, Tuttle. (2007). The functional and Evolutionary Biology of Primates. Aldine Transaction.
2. Friderun Ankel-Simons (2007). Primate Anatomy : An Introduction. Academic Press.
3. John, G. Fleagle (1998) Primate Adaptation & Evolution. Academic Press.
4. Primate and Human Evolution (Cambridge Studies in Biological Anthropology) (2006) Cambridge University Press.
5. Primate Paradigms : Sex Roles and Social Bonds, (1997). Linda Marie Fedigan . University of Chicago Press.

**DEPARTMENT OF ANTHROPOLOGY**

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC COURSE (DSC) – *THEORY OF SOCIAL ANTHROPOLOGY

**(For Group "B")**

| **Programme: Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Geography** | | |
| **Course Code:aNT/DSC-510** | **Course Title: *Theory of Social Anthropology (For Group "B")** | |

**Course Outcomes:**

The students will learn about the Growth and Development of Social Anthropology, Evolutionism, Diffusionism and Functionalism and structural Functionalism.

| | |
|---|---|
| Theory Credits: 03 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Presentation:10 Marks-** Seminar Presentation (A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her coursetaught and students will be asked to give a ppt presentation for the Internal Assessment)<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Practical Examination: 25 Marks**<br>• **Written Examination**: 15 Marks (Question paper will be prepared by the external and internal examiners)<br>• Record Book: 05 Marks<br>• Viva-Voce: 05 Marks<br>**Term End Exam: 50 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Growth and Development of Social Anthropology. Evolutionism: Bachofen, Mc'lennan , Maine; Morgan Taylor, Frazer. | 14 |
| Unit – II | Diffusionism : British Diffusionism Elliot Smith W.H.R. Rivers, German Diffusionism (Schmidt; Graebner); American Diffusionism (Boas; Krober) ; culture area Approach. | 14 |
| Unit – III | Functionalism and structural Functionalism B.Malinowski; A.R. Radcliffe – Brown.<br><br>Symbolism (Turner and Mary Douglas) | 10 |
| Unit – IV | Structuralism (Levi-Strauss and E Leach), Post Structuralism and Modernism. M. Foucault's, Arjun Appaduria and Pierre Bourdieu | 12 |

**Suggested Readings :**


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)

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## Practical (DSC) Group -B

| | | |
|---|---|---|
| Practical Credit (01) | Review of Social Anthropological Thinkers :<br>1. Franz Boas 2. B. Malinowaski 3. Alfred Reginald Redcliffe Brown<br>4. D.N Majumdar 5. Alfred Louis Krober | 30 |

# DEPARTMENT OF ANTHROPOLOGY

## M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) – INDIAN ANTHROPOLOGY

## (For Group – B)

| **Programme: Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code:ANT/DSE-511** | **Course Title: Indian Anthropoogy** | |

**Course Outcomes:** The students will learn about the Growth and Development of Indian Anthropology, Field work Tradition in Anthropology and Contribution of Indian Anthropologist. Crises and Issues in Indian Anthropology and National Character Studies.

Theory Credits:04
**Max. Marks: 100**
**Internal Assessment Marks: 25**

- **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.
- **Presentation:10 Marks-** Seminar Presentation
  (A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her coursetaught and students will be asked to give a ppt presentation for the Internal Assessment)
- **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.
- Record Book: 05 Marks

**Term End Exam: 75 Marks**

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Growth and Development of Indian Anthropology Aim and Scope, Rioc of Anthropology in India . | 14 |
| Uni t – II | Contribution of – S.C.Roy, N.K. Bose, S. Sinha, D.N.Majumdar, L.P. Vidyarthi, B.M. Das, V.Elwin and B.K.Roy Burman. | 14 |
| Unit – III | Tribe- Caste Continuum, Sacred Complex, Bridge and Buffer Communities | 12 |
| Unit – IV | Anthropological Approaches in National Character Studies and De-colonizing Anthropology in India. | 12 |

### Suggested Readings


1. Nadeem hasnan – Indian Anthropology
2. L.P.Vidyarthi- Applied Anthropology in India.
3. Soumhya Venkatesan - De-colonizing Anthropology: An Introduction.

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) – ANTHROPOLOGY OF DEVELOPMENT

**(For Group –B)**

| **Programme: Under/Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology** | | |
| **Course Code: ANT/DSE-512** | **Course Title: Anthropology of Development (For Group –B)** | |

**Course Outcomes:** The students will learn about the Development: Meaning and Evolution of the Concept. Poverty and Development, Social Justices and Equality, Planning: Concept, Agencies for Development.

| | |
|---|---|
| Theory Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**<br>• **Written Examination: 10 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Presentation:10 Marks-** Seminar Presentation (A seminar topic will be provided to all students in advance by the faculty member from the syllabus of his/her coursetaught and students will be asked to give a ppt presentation for the Internal Assessment)<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** |

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Development: Meaning and Evolution of the Concept, Development Strategies and Policy in India. | 10 |
| Unit – II | Poverty and Development, Social Justices and Equality, Poverty Alleviation Programmes, Human Resources Development (HRD). | 12 |
| Unit – III | Planning: Concept, Agencies for Development: Government and Non Government, Development Indicator and Impediment. | 12 |
| Unit – IV | Rural Development: Land Reforms C.D.P.. Panchayati Raj, Tribal Development, Constitutional Provisions for Development of Scheduled Castes and Scheduled Tribes, Administration of Scheduled Areas (fifth scheduled of the constitution), Social-Cultural Factors in Development with Case Studies. | 16 |

**Suggested Readings:**


1. ChansarkarB.A. :Models of Planning in India.
2. Cochrane: Development Anthropology.
3. Dey, Nitish: Overcoming Under Development.
4. Prasad Kamta: Planning for Poverty Alleviation.
5. Mathur H. M (ed.) : The Human Dimension of Development.
6. Foster G. M : Traditional Societies and Technological Change.
7. Pandey R. : Sociology of Development
8. VidyarthiL. P (ed.): Applied Anthropology in India.
9. Singh Tarlok: Planning in India.
10. Dalton George: Economic Anthropology and Development.
11. UpadhyaVijay S. &Pandey Gaya : Development Anthropology. (In Hindi)

# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## DISCIPLINE SPECIFIC ELECTIVE (DSE) – ECOLOGICAL ANTHROPOLOGY

**(For Group –B)**

| **Programme: Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology Course** | **Course Code: ANT/DSE-513** | **Course Title:** Ecological Anthropology **(For Group –B)** |

**Course Outcomes:**

The students will learn about the Ecological Anthropology, History of Ecological Anthropology, Environment and Habitat: Evolution of Dwelling Forms and Himalayan Ecology, Issues and Trends.

| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** | |
|---|---|---|
| Unit | Course Content | Lectures |
| Unit – I | Ecological Anthropology: Aims and scope.<br>History of Ecological Anthropology: Contributions of Julian Steward, Dyrrel Ford, Leslie White, Vayda and Rappaport, Richard Lee and Irven De Vore. | 14 |
| Uni t – II | Environment and Habitat: Evolution of Dwelling Forms; Major Types of Settlement Patterns in India; House Types and Construction Techniques. | 12 |
| Unit – III | Ecology and Subsistence Strategies: Hunting-gathering; Horticulturist; Pastoral; Shifting Cultivation: Agro-pastoralism. The Symbolic Relationship: Man, Nature and Spirit (Maler); Man, Nature and Animal. | 12 |
| Unit – IV | 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 Readings:**


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 theHimalaya.
4. Guha Ramachandra.: Social ecology. Oxford in India readings in Sociology and Social Anthropology.


# DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

## GENERAL ELECTIVE COURSE (GEC)- URBAN ANTHROPOLOGY

**(For Group –A & B)**

| **Programme: Under/Post Graduate in Arts/Science** | **Year: V** | **Semester: X** |
|---|---|---|
| **Subject: Anthropology**<br>**Course Code: ANT/GE-514** | **Course Title: Human Population and Genetics (For Group –(A & B)** | |

**Course Outcomes:**

The students will be able to use the Anthropological theories and methods in understating urban issues , ecology and social Structure and propose solution of urban problems through a holistic anthropological methods.

| Credits: 04 | **Max. Marks: 100**<br>**Internal Assessment Marks: 25**:<br>• **Written Examination: 20 Marks** -Question paper will be prepared by the faculty member from the syllabus of his/hercourse taught for the Internal Assessment and written examination will be conducted.<br>• **Attendance 05 Marks**- Attendance and overall performance of the student during class room teaching and interaction.<br>**Term End Exam: 75 Marks** |
|---|---|

| Unit | Course Content | Lectures |
|---|---|---|
| Unit – I | Rise of city and civilization in India. Pre-Industrial. Orthogenetic and Heterogenetic | 12 |
| Uni t – II | Folk-Urban continuum of India. Processes of urbanization, urbanism, urban structure and urban ecology. | 12 |
| Uni t – III | Basic features of urban social structure : Heterogeneity, Neighbourhood, Slum ethnic, cultural affiliation of an Indian Society. | 14 |
| Uni t – IV | Continuity and changes in Indian Urban society : Kinship and Family, Caste, Religion. | 12 |

**Suggested Readings :**


1. Rivke Jaffeand Anouck D.E.Koninge. Introducting Urban Anthropology, (2015).
2. Eames, E&J. G. Good. (1977). Anthropology of city. Prentice Hall.
3. Fox, R.G (1977) . Urban Anthropology : Cities and their Cultural setting. Prentice Hall.


## DEPARTMENT OF ANTHROPOLOGY

M.A./M.Sc. Final Year

# Dissertation-2

# (For Group –A & B)

| **Programme: Under Graduate in Arts** | **Year: I** | **Semester: X** |
|---|---|---|
| **Subject: ANTHROPOLOGY** | | |
| **Course Code: ANT/DIS-514** | **Course Title: Dissertation-2** | |
| Outcome<br>To learn how to select a Research Proposal based on research gap found during the literature survey or field observations made.<br>Preparation of synopsis/outline will be also learned. Finally student will learn how to collect data and write a report based on the dataanalysis | | |
| Credits: 06 | Max. Marks:<br>100 (Evaluation by External & Internal Examiner)<br>Dissertation: 75<br>Internal Assessment: Viva Voce + Attendance : (20+5) 25 | |

**Data collection, Data Analysis, Report writing and Presentation.**

**Note :** The students will be required to select a topic and area of their interests with the help of their respective supervisors allotted to them by the Department. Research Project dissertation must be submitted to the Department one week before the commencement of the Theory Examinations. The size of the Dissertation normally ranges between 60 and 70 pages. The Research Project Dissertation will be evaluated by the external and internal examiners.

26/07/2025

26.07.25

26-7-25.