

**Syllabus for M.Sc. Anthropology  
Under Choice Based Credit System (CBCS)**

**Duration: Two Years (Four Semesters)**

**Total Marks: 1800 (72 Credits)**

**(From the Session 2022 -2023 and Onwards)**

**Department of Anthropology  
Faculty of Science  
University of North Bengal  
Raja Rammohunpur  
Darjeeling- 734013**

**HOD,  
Department of Anthropology,  
North Bengal University  
Darjeeling**

**DEPARTMENT OF ANTHROPOLOGY  
UNIVERSITY OF NORTH BENGAL**

**M.Sc. Anthropology Syllabus under CBCS  
(From 2022 – 2023 and Onwards)**

*M.Sc. Programme in Anthropology*

The M.Sc. Programme in Anthropology under CBCS is divided into two parts and each part comprises of two semesters (two odd semesters and two even semesters). Each semester is made up of 18 Credits (450 marks). So the total credits of the course are  $18 \times 4 = 72$  (marks=1800).

At present the Department is offering core papers in Social Cultural Anthropology, Physical Anthropology and Prehistoric Archaeology. The specializations currently being offered are Social Cultural Anthropology and Physical Anthropology.

The students who are admitted to the M.Sc. Anthropology programme to be studied all the courses of following Four Semesters.

- (i) **Semesters I** has Core Courses (CC); Discipline Specific Elective (DSE) Course and Ability Enhancement Course (AEC).
- (ii) **Semesters II** has Core Courses (CC); Discipline Specific Elective (DSE) Course and Skill Enhancement Course (SEC).
- (iii) **Semesters III** has Core Courses (CC); Discipline Specific Elective (DSE) Course, Ability Enhancement Course (AEC) and General Elective/Open Elective Courses (GE).
- (iv) **Semesters IV** has Core Courses (CC); Discipline Specific Elective (DSE) Course, Skill Enhancement Course (SEC) and General Elective/Open Elective Courses (GE).

The Core Courses include both theoretical and practical papers. Field/Practical etc. studies in all the three sub-disciplines (Social Cultural Anthropology, Physical Anthropology and Prehistoric Archaeology) are compulsory.

# M.SC. ANTHROPOLOGY SYLLABUS

## Under Choice Based Credit System (CBCS), from 2022-2023

### M.SC. ANTHROPOLOGY (Semester: 1<sup>ST</sup> to 4<sup>TH</sup>) SYLLABUS STRUCTURE AT A GLANCE

Sl. No	Compulsory Courses	Marks (Theory/ Practical, etc.)	Marks (Internal)	Total Marks	Credits
<b>M. Sc. Anthropology: 1<sup>ST</sup> Semester - I</b>					
I(1)	Core course (Theory)	150	100	250	10
	Core course (Practical)	100	-	100	4
I(2)	DSE (Theory/Project)	40	10	50	2
I(3)	AEC ( <b>Basket -1</b> )	42	8	50	2
<b>1<sup>ST</sup> Semester TOTAL</b>		<b>332</b>	<b>118</b>	<b>450</b>	<b>18</b>
<b>M. Sc. Anthropology: 2<sup>ND</sup> Semester</b>					
II(1)	Core course (Theory)	150	75	225	9
	Core course (Practical)	125	-	125	5
II(2)	DSE (Theory/ Book Review)	40	10	50	2
II(3)	SEC ( <b>Basket- 2</b> )	42	8	50	2
<b>2<sup>ND</sup> Semester TOTAL</b>		<b>357</b>	<b>93</b>	<b>450</b>	<b>18</b>
<b>M. Sc. Anthropology: 3<sup>RD</sup> Semester</b>					
III(1)	Core course (Theory)	100	50	150	6
III(2)	DSE (Theory)	120	30	150	6
III(3)	AEC ( <b>Basket -3</b> )	42	8	50	2
III(4)	GE	75	25	100	4
<b>3<sup>RD</sup> Semester TOTAL</b>		<b>337</b>	<b>113</b>	<b>450</b>	<b>18</b>
<b>M. Sc. Anthropology: 4<sup>TH</sup> Semester</b>					
IV(1)	Core course (Theory)	100	50	150	6
	Core course (Dissertation)	100	-	100	4
IV(2)	DSE (Theory)	40	10	50	2
IV(3)	SEC ( <b>Basket -4</b> )	42	8	50	2
IV(4)	GE	75	25	100	4
<b>4<sup>TH</sup> Semester TOTAL</b>		<b>357</b>	<b>93</b>	<b>450</b>	<b>18</b>
<b>TOTAL (1<sup>ST</sup> - 4<sup>TH</sup> Semester)</b>		<b>1383</b>	<b>417</b>	<b>1800</b>	<b>72</b>

**M.SC. ANTHROPOLOGY SYLLABUS  
SEMESTER - I  
(BROAD OUTLINE)**

**I (1): Compulsory Courses (CC) in Anthropology for 1<sup>st</sup> Semester**

<b>Course type</b>	<b>Courses</b>	<b>Modules</b>	<b>Marks (Theory/ Practical)</b>	<b>Marks (Internal)</b>	<b>Total Marks</b>	<b>Credits</b>
Core course (Theory)	<b>ANTH-CT-101A</b> Physical Anthropology	<b>PHYANTH 1A1:</b> The Theories and Concepts of Evolution	25	25	75	3
	<b>ANTH-CT-101B</b> Physical Anthropology	<b>PHYANTH 1B1:</b> Primatology	25			
Core course (Theory)	<b>ANTH-CT-102A</b> Social cultural Anthropology	<b>SCANTH 2A1:</b> Society and Culture	25	25	75	3
	<b>ANTH-CT-102B</b> Social cultural Anthropology	<b>SCANTH 2B1:</b> Social Structure and Organization	25			
Core course (Theory)	<b>ANTH-CT-103A</b> Archaeological Anthropology	<b>ARANTH 3A1:</b> Tool Technology and Typology <b>ARANTH 3B1:</b> Lithic Cultures of Europe <b>ARANTH 3C1:</b> The Neolithic Revolution	25	25	50	4
	<b>ANTH-CT-103B</b> Research Methodology (Physical Anthropology, Social Cultural Anthropology and Archaeological Anthropology)	<b>PHYANTH 3D1:</b> Methods in Human Genetics and Statistics <b>RMANTH 3E1:</b> Methods in Prehistoric Archaeology <b>RMANTH3F1:</b> Methods in Social Cultural Anthropology	25	25	50	
Core course (Practical)	<b>ANTH-CP-104A</b>	<b>PRPHYANTH4A1:</b> Craniometry <b>PRPHYANTH4B1:</b> Somatometry and somatoscopy	50	-	50	2
	<b>ANTH-CP-104B</b>	<b>PARANTH4C1:</b> Drawing, description and identification of Prehistoric tools	25	-	25	1
	<b>ANTH-CP-104C</b>	<b>PSCANTH 4D1:</b> Material Culture (Drawing, description and identification)	25	-	25	1
<b>Total</b>			<b>250</b>	<b>100</b>	<b>350</b>	<b>14</b>

**I (2): Discipline Specific Elective (DSE) Course for M.Sc. Anthropology 1<sup>st</sup> Semester**

<b>Course type</b>	<b>Courses</b>	<b>Modules</b>	<b>Marks (Theory/ Project)</b>	<b>Marks (Internal)</b>	<b>Total Marks</b>	<b>Credits</b>
DSE (Any one course may be chosen by the student)	DSE-1 General Anthropology	<b>PHYANTH D1A:</b> Osteology  <b>SCANTH D1B:</b> Psychological School of thought	40	10	50	2
	DSE-2 Project work	Write a project report based on any topic of Anthropology	40	10	50	2
<b>Total</b>			<b>40</b>	<b>10</b>	<b>50</b>	<b>2</b>

**I (3): Ability Enhancement Course (AEC) for M.Sc. Anthropology 1<sup>st</sup> Semester**

<b>Course type</b>	<b>Courses</b>	<b>Modules</b>	<b>Marks (Theory/ Practical)</b>	<b>Marks (Internal)</b>	<b>Total Marks</b>	<b>Credits</b>
AEC	(See Basket -1)		42	8	50	2

**M.SC. ANTHROPOLOGY SYLLABUS  
SEMESTER – II  
(BROAD OUTLINE)**

**II (1): Compulsory Courses in Anthropology for 2<sup>nd</sup> Semester**

Course type	Courses	Modules	Marks (Theory/ Practical)	Marks (Internal)	Total Marks	Credits
Core course (Theory)	<b>ANTH-CT-201A:</b> Physical Anthropology	<b>PHYANTH 1A2:</b> Human origin and evolution	25	25	75	3
	<b>ANTH-CT-201B:</b> Physical Anthropology	<b>PHYANTH 1B2:</b> Human variation <b>PHYANTH 1C2:</b> Human growth and development	25			
Core course (Theory)	<b>ANTH-CT-202A:</b> Social cultural Anthropology	<b>SCANTH 2A2:</b> Economic Organisation, Political Organisation and Social Stratification	25	25	75	3
	<b>ANTH-CT-202B:</b> Social cultural Anthropology	<b>SCANTH 2B2:</b> Religion, Magic, Personality Formation and Civilization	25			
Core course (Theory)	<b>ANTH-CT-203A:</b> Social cultural Anthropology	<b>SCANTH 3A 2:</b> Schools of Diffusionism <b>SCANTH 3B 2:</b> Schools of Evolutionism <b>SCANTH 3C2:</b> Functional School of Thoughts. <b>SCANTH 3D2:</b> Structuralism and Neo-structuralism	25	25	75	3
	<b>ANTH-CT-203B:</b> Archaeological Anthropology	<b>ARANTH 3E2:</b> Indian Prehistory	25			
	<b>ANTH-CP-204A</b>	<b>PRPHYANTH4A2:</b> Field study in Physical Anthropology/ Museum visit/ Laboratory visit/ Zoo visit/ Primate study	25			
Core course (Practical)	<b>ANTH-CP-204B</b>	<b>PRPHYANTH4B2:</b> Fieldwork in Prehistoric Archaeology	25		125	5
	<b>ANTH-CP-204C</b>	<b>PRPHYANTH4C2:</b> Fieldwork in Social-Cultural Anthropology	75			
	<b>Total</b>					

**II (2): Discipline-Specific Elective (DSE) Course for M.Sc. Anthropology 2<sup>nd</sup> Semester**

<b>Course type</b>	<b>Courses</b>	<b>Modules</b>	<b>Marks (Theory/ Book Review)</b>	<b>Marks (Internal)</b>	<b>Total Marks</b>	<b>Credits</b>
DSE (Any one course may be chosen by the student)	DSE-3: Indian Anthropology	<b>PHYANTH D3A:</b> Physical Anthropology in India <b>SCANTH D3B:</b> Social Cultural Anthropology in India	40	10	50	2
	DSE-4: Book Review	Review any two text-books and submit for evaluation	40	10	50	2
<b>Total</b>			<b>40</b>	<b>10</b>	<b>2</b>	<b>2</b>

**II (3): Skill Enhancement Course (SEC) for M.Sc. Anthropology 2<sup>nd</sup> Semester**

<b>Course type</b>	<b>Courses</b>	<b>Modules</b>	<b>Marks (Theory/ Practical)</b>	<b>Marks (Internal)</b>	<b>Total Marks</b>	<b>Credits</b>
SEC	(See Basket -2)		42	8	50	2

**M.SC. ANTHROPOLOGY SYLLABUS  
SEMESTER - III  
(BROAD OUTLINE)**

**III (1): Compulsory Courses in Anthropology for M.Sc. 3<sup>rd</sup> Semester**

Course type	Courses	Modules	Marks (Theory)	Marks (Internal)	Total Marks	Credits
Core course (Theory)	<b>ANTH-CT-301A:</b> Physical Anthropology	<b>PHYANTH1A3:</b> Human Genetics	25	25	75	3
	<b>ANTH-CT-301B:</b> Physical Anthropology	<b>PHYANTH 1B3:</b> Human Genetic Variation <b>PHYANTH 1C3:</b> Human Auxology	25			
Core course (Theory)	<b>ANTH-CT-302A:</b> Social cultural Anthropology	<b>SCANTH2A3:</b> Development of Social Cultural Anthropology and Multiculturalism in India	25	25	75	3
	<b>ANTH-CT-302B:</b> Social cultural Anthropology	<b>SCANTH 2B3:</b> Regional Studies <b>SCANTH2C3:</b> History and Development of Tea Gardens in North Bengal	25			
<b>Total</b>			<b>100</b>	<b>50</b>	<b>150</b>	<b>6</b>

**III (2-A): Discipline Specific Elective (DSE) Course for (Group- A)- Social Cultural Anthropology for M.Sc. 3<sup>rd</sup> Semester**

Course type	Courses	Modules	Marks (Theory)	Marks (Internal)	Total Marks	Credits
DSE (Any three courses may be chosen by the student)	<b>DSE-5:</b> Social Cultural Anthropology	<b>SCANTHD5A:</b> Rural Society in India-I <b>SCANTH D5B:</b> Rural Society in India-II	40	10	50	2
	<b>DSE-6:</b> Social Cultural Anthropology	<b>SCANTHD6A:</b> Weaker Sections in Indian Populations-I <b>SCANTHD6A:</b> Weaker Sections in Indian Populations-II	40			



	<b>DSE-7:</b> Social Cultural Anthropology	<b>SCANTH D7A:</b> Concepts of culture and civilization <b>SCANTH D7B:</b> Concept and Approaches of Social and Cultural dynamics in India	40	10	50	2
	<b>DSE-8:</b> Social Cultural Anthropology	<b>SCANTH D8A:</b> Theoretical concepts of Medical Anthropology <b>SCANTH D8B:</b> Approaches of Medical Anthropology <b>SCANTH D8C:</b> Advanced Medical Anthropology <b>SCANTH D8D:</b> Applied Medical Anthropology: <b>SCANTHD8E:</b> Indigenous Health <b>SCANTH D8F:</b> Health care Programmes and Services in India	40	10	50	2
	<b>DSE-9:</b> Social Cultural Anthropology	<b>SCANTHD9A:</b> Ecological Anthropology <b>SCANTHD9B:</b> Action Anthropology and Practicing Anthropology	40	10	50	2
	<b>DSE-10:</b> Social Cultural Anthropology	<b>SCANTHD10A:</b> Emerging Medical Anthropology <b>SCANTHD10B:</b> Globalisation <b>SCANTHD10C:</b> Development in Indian Context	40	10	50	2
	<b>Total</b>		<b>120</b>	<b>30</b>	<b>150</b>	<b>6</b>

**III (2-B): Discipline Specific Elective (DSE) Course for (Group- B) - Physical Anthropology for M.Sc. 3<sup>rd</sup> Semester**

<b>Course type</b>	<b>Courses</b>	<b>Modules</b>	<b>Marks (Theory)</b>	<b>Marks (Internal)</b>	<b>Total Marks</b>	<b>Credits</b>
(Any three courses may be chosen by the student)	<b>DSE-5:</b> Physical Anthropology	<b>PHYANTHD5A:</b> Cell Biology and Inborn Errors of Metabolism <b>PHYANTHD5B:</b> Human Reproductive Biology and Applied Human Genetics	40	10	50	2
	<b>DSE-6:</b> Physical Anthropology	<b>PHYANTHD6A:</b> Forensic Anthropology <b>PHYANTHD6B:</b> Epidemiology of Disease	40	10	50	2
	<b>DSE-7:</b> Physical Anthropology	<b>PHYANTHD7A:</b> Human Ecology and adaptation <b>PHYANTHD7B:</b> Biological diversity in Human population	40	10	50	2
	<b>DSE-8:</b> Physical Anthropology	<b>PHYANTHD8A:</b> Mating Patterns <b>PHYANTHD8B:</b> Hardy-Weinberg Law and Population Structure	40	10	50	2
	<b>DSE-9:</b> Physical Anthropology (Practical)	<b>PRPHYANTHD9A:</b> Osteology and Osteometry <b>PRPHYANTHD9B:</b> Cranio-metry, Somatometry and Body composition	40	10	50	2
	<b>DSE-10:</b> Physical Anthropology (Practical)	<b>PRPHYANTHD10A:</b> Dermatoglyphics <b>PRPHYANTHD10B:</b> Blood Sugar, Hair and Genetics	40	10	50	2
<b>Total</b>			<b>120</b>	<b>30</b>	<b>150</b>	<b>6</b>

### III (3): Ability Enhancement Course (AEC) for M.Sc. Anthropology 3<sup>rd</sup> Semester

Course type	Courses	Modules	Marks (Theory/ Practical)	Marks (Internal)	Total Marks	Credits
AEC	(See Basket -3)		42	8	50	2

### III (4): General Elective/Open Elective Courses (GE) for M.Sc. Anthropology 3<sup>rd</sup> Semester

Course type	Courses	Modules	Marks	Marks (Internal)	Total Marks	Credits
GE (Any one course may be chosen by the student)	<b>GE-1</b> Fundamentals Anthropology-I	<b><i>PHYANTHG1A:</i></b> Introduction to Biological Anthropology <b><i>SCANTHG1B:</i></b> Introduction to Social Cultural Anthropology	75	25	100	4
	<b>GE-2</b> Fundamentals Anthropology-II	<b><i>PHYANTHG2A:</i></b> Human Growth and Development <b><i>SCANTHG2B:</i></b> Tribal Development, Programmes and Schemes	75	25	100	4
<b>Total</b>			<b>75</b>	<b>25</b>	<b>100</b>	<b>4</b>

**M.SC. ANTHROPOLOGY SYLLABUS:  
SEMESTER - IV  
(BROAD OUTLINE)**

**IV (1): Compulsory Courses in Anthropology for M.Sc. 4<sup>th</sup> Semester**

Course type	Courses	Modules	Marks	Marks (Internal)	Total Marks	Credits
Core course (Theory)	<b>ANTH-CT-401A:</b> Physical Anthropology	<b>PHYANTH1A4:</b> Demography	25	25	75	3
	<b>ANTH-CT-401B:</b> Physical Anthropology	<b>PHYANTH1B4:</b> Somatotyping <b>PHYANTH1C4:</b> Human Nutrition	25			
Core course (Theory)	<b>ANTH-CT-402A:</b> Social cultural Anthropology	<b>SCANTH 2A4:</b> Basic Concepts of Urban Anthropology <b>SCANTH 2B4:</b> Urbanisation in India <b>SCANTH 2C4:</b> Urbanisation and Industrialisation <b>SCANTH 2D4:</b> Urban Poor	25	25	75	3
	<b>ANTH-CT-402B:</b> Social cultural Anthropology	<b>SCANTH 2E4:</b> Tribal Development	25			
Core course (Dissertation)	<b>ANTH-CD-403:</b> Dissertation	<b>PRANTH3A4:</b> Collect data on any topic and write a report for evaluation	100		100	4
<b>Total</b>			<b>200</b>	<b>50</b>	<b>250</b>	<b>10</b>

**IV (2-A): Discipline Specific Courses (DSE) for- (Group- A) Social cultural Anthropology for M.Sc. 4<sup>th</sup> Semester**

Course type	Courses	Modules	Marks (Theory)	Marks (Internal)	Total Marks	Credits
DSE (Any one course may be chosen by the student)	<b>DSE-11:</b> Social cultural Anthropology	<b>SCANTHD11A:</b> Demography and Anthropology: Concepts and Theories <b>SCANTHD11B:</b> Fertility and Mortality <b>SCANTHD11C:</b> Migration	40	10	2	2

		<b>SCANTHD11D: Basic Concepts of Human Rights</b>  <b>SCANTHD11E: Contextual Background of Human Rights</b>  <b>SCANTHD11F: Indigenous Rights and Other Issues</b>				
	<b>DSE-12: Social cultural Anthropology</b>	<b>SCANTHD12A: Environment, Development and Culture of Peace-I</b>  <b>SCANTHD12B: Environment, Development and Culture of Peace-II</b>	40	10	2	2
<b>Total</b>			<b>40</b>	<b>10</b>	<b>50</b>	<b>2</b>

**IV (2-B): Discipline Specific Elective (DSE) Course for- (Group- B) Physical Anthropology for M.Sc. 4<sup>th</sup> Semester**

Course type	Courses	Modules	Marks (Theory)	Marks (Internal)	Total Marks	Credits
DSE (Any one course may be chosen by the student)	DSE-11: Physical Anthropology	PRPHYANTHD11A: Biostatistics Advanced forensic anthropology PRPHYANTHD11B: Palaedemography	40	10	50	2
	DSE-12: Physical Anthropology (Practical)	PRPHYANTHD12A: Biostatistics	40	10	50	2
<b>Total</b>			<b>40</b>	<b>10</b>	<b>50</b>	<b>2</b>

**IV (3): Skill Enhancement Course (SEC) for M.Sc. Anthropology 4<sup>th</sup> Semester**

Course type	Courses	Modules	Marks (Theory/ Practical)	Marks (Internal)	Total Marks	Credits
SEC	(See Basket -4)		42	8	50	2

**IV(4): General Elective/Open Elective (GE) Course for M.Sc. Anthropology 4<sup>th</sup> Semester**

Course type	Courses	Modules	Marks	Marks (Internal)	Total Marks	Credits
GE (Any one course may be chosen by the student)	GE-3: Fundamentals Anthropology-III	PHYANTH G3A: Primatology and Human Evolution SCANTH G3B: Visual Anthropology	75	25	100	4
	GE-4: Fundamentals Anthropology-IV	PHYANTH G4A: Human variation and Human genetics SCANTH G4B: Anthropology of Tourism	75	25	100	4
<b>Total</b>			<b>75</b>	<b>25</b>	<b>100</b>	<b>4</b>

# M.SC. ANTHROPOLOGY SYLLABUS UNDER CHOICE BASED CREDIT SYSTEM(CBCS), FROM 2022-2023

## M.Sc. Anthropology 1<sup>st</sup> Semester

**COURSE: ANTH-CT-101: Total Marks= 75 (Theory-50; Internal-25) and Credits= 3**

***COURSE: ANTH-CT-101A PHYSICAL ANTHROPOLOGY***

**Credit:1 (Marks=25)**

### **Module PHYANTH1A1: The Theories and Concepts of Evolution**

1. Lamarckism, Neo-Lamarckism, Darwinism, Neo-Darwinism, Modern Synthetic theory-- maintenance, criticism.
2. Neutral theory of molecular evolution.
3. Concept of microevolution and macroevolution.
4. Principles of evolution: convergence, divergence, parallelism, adaptive radiation
5. Concept of cladogenesis and anagenesis,
6. Dollo's rule, Cope's rule, extinction.
7. Species concept, Mayr's definition of species, speciation.

#### **Readinglist:**

Dobzhansky T, Ayala, FJ, Stebbins, GL, Valentine, JW. 1973. *Evolution*. Delhi: Surjeet Publications.  
Mayr. E. 1999. *Systematics and the Origin of Species*. Harvard: Harvard University Press.  
Nelson H, Jurmain R. 1985. *Introduction to Physical Anthropology*. San Francisco: West Publishing Company.  
Ridley M. 1993. *Evolution*. Boston: Blackwell Scientific Publications.  
Stebbins, GL. 1971. *Processes of Evolution*. Englewood Cliffs: Prentice-Hall Inc.  
Strickberger, MW. 1990. *Evolution*. London: Jones and Bartlett Publishers.

***COURSE: ANTH-CT-101B PHYSICAL ANTHROPOLOGY***

**Credit:1 (Marks=25)**

### **Module PHYANTH1B1: Primatology**

1. Definition and classification of primates (classical: Simpson; modern: Szalay and Delson)
2. Primate distribution, evolutionary trends; arboreal adaptation, locomotion.
3. Primate grades: Prosimians, New world monkeys, Old world monkeys and Pongids
4. Fossil primates: Aegyptopithecus, Propliopithecus; Pongid-hominid split
5. Oligocene-Miocene fossils--

Parapithecus, Gigantopithecus, Aegyptopithecus, Dryopithecus, Ramapithecus and Sivapithecus: distribution, general features, phylogenetic position.

**Readinglist:**

Conroy GC. 1990. *Primate Evolution*. New York: Norton.

Delson. E,

*Tattersall, Couvring JV (eds.) 2000. Encyclopedia of Human Evolution and Prehistory.*

New York: Taylor and Francis.

Jones S, Martin R, Pilbeam D (eds.) 1992. *The Cambridge Encyclopedia of Human Evolution.*

Cambridge: Cambridge University Press.

Ember CR, Ember M. Peregrine PN. 2006. *Anthropology*. Delhi: Pearson Education.

Jurmain R, Nelson H, Kilgore L, Trevathan W. *Introduction to Physical Anthropology*. 1999.

Belmont: Wadsworth.

Nelson H, Jurmain R. 1985. *Introduction to Physical Anthropology*. San

Francisco: West

Publishing Company.

Peregrine PN, Ember CR, Ember M. (eds.) 2002. *Physical Anthropology: Original Readings in Method and Practice*. New Jersey: Prentice-Hall.

**COURSE: ANTH-CT-102: Total Marks= 75 (Theory= 50 and Internal =25) and Credits= 3**

**COURSE: ANTH-CT-102A Social**

**Cultural Anthropology**

**Credit: 1 (Marks=25)**

**Module SCANTH2A1: Society and Culture**

1. Society: (a) Society- concepts, components, and types functions; Social groups- primary, secondary and quasi groups and functions. (b) Community- features and types; (c) Association- features and types.
2. Social institutions: (a) Mores and folkway; (b) Norms and values; (c) Social sanctions.
3. Culture: (a) Meaning/ concepts and definition of culture, components, aspects, traits, complexes, pattern, value, characteristics / attributes and nature of culture. (b) Relation among culture, language and society. Language - vehicle of culture. (c) Theories of cultural evolution and (d) theories of Cultural Diffusion; (d) Culture contact/ Acculturation; (e) Culture and Personality.

**ReadingList**

Boas, F. 1911. *Mind of Primitive Man*. New York: Macmillan.

Boas, F. 1928. *Anthropology and Modern Life*. New York: W.W. Norton and Co.

Boas, F. 1940. *Race, Language and Culture*. New York: MacMillan and Company.



- Bose, N.K. 1961. *Cultural Anthropology*, Bombay: Asia Publishing House.
- Bose, N.K. 1961. *Cultural and Society in India*. Bombay: Asia Publishing House.
- Bose, N.K. 1929. *Cultural Anthropology*, Bombay: Asia Publishing House.
- Davis, K. 2002: *Human Society*, Delhi: Surjeet Publications
- Evans-Pritchard, E.E. 1951. *Social Anthropology*. . New York: Free Press.
- Firth, R. 1921 Firth, R. 1971: *Elements of Social Organization*. London: Tavistock Publications.
- Haddon, A.C. 1908. *The study of Man*. London: J. Murray.
- Haddon, A.C. 1934. *History of Anthropology*. London: Warrs.
- Hobell, E.A. 1949. *Man in the Primitive World*. New York: McGraw-Hill Book Company.
- Kroeber, A. 1923. *Anthropology*. New York: Harcourt, Brace.
- Herskovits, M.J. 1958: *Cultural Anthropology*. Calcutta: Oxford & IBH Publishing Co.
- Kroeber, A.L. (et al.). 1953: *Anthropology Today*. Chicago, University Chicago Press.
- MacIver, R.M. and C.H. Page, 1974, *Society*, Delhi, Macmillan India Ltd.
- Malinowski, B. 1944: *A Scientific Theory of Culture*. New York.
- Nadel, S.F. 1951. *The foundation of Social Anthropology*. New York: Free Press.
- Radcliffe-Brown, A.R. 1958. *Methods in Social Anthropology*. Chicago: University of Chicago Press.
- Radcliffe-Brown, A.R. 1976. *Structure and function in Primitive Societies*. London: Routledge and Kegan Paul.
- Sarma, Gopala. 1983. *Sociology and Anthropology and other Essays*. Calcutta: Institute of Social Research & Applied Anthropology.
- Tylor. E.B. 1881. *An introduction to the Study of Man and Civilization*. New York: D. Appleton.
- Upadhyay, V.S. and Pandey, G. 1993. *History of Anthropological Thought*. Concept Publishing Company, New Delhi.
- Vidyarthi, L.P. 1977. *Rise of Anthropology in India (2 volumes)*. New Delhi: Concept Publishing

**COURSE: ANTH-CT-102B Social cultural Anthropology Credit: 1 (Marks=**

**25) Module SCANTH2B1: Social Structure and Organization (Family, Marriage and Kinship)**

1. Social Structure and Organization: Concepts and meanings. Traditional social structure of the Indian tribes.
2. Family as a Social Institution: (a) Origin and development, (b) Family formation, (c) Types and forms of family, (d) Change in family structure and function.
3. Marriage: (a) Marriage rules-incest, taboo, endogamy, exogamy, preferential marriages, alliance and exchange marriage, dowry and bride price, etc., (c) Marriage and legitimacy, (d) Institution of marriage and contemporary change.
4. Kinship: (a) Importance of kinship organization, (b) Aspects of kinship system (consanguine, affinal; kin-group: tribe, class, moiety, phratry, etc.), Descent and rules of inheritance, (c) Types of kinship system (classificatory and descriptive, terms of reference and address), (d) Kinship behaviour: joking and avoidance relationship, (e) Recent development in kinship studies, (f) Features of kinship system in India and the change.

**Reading List:**

- Boas, F. 1911. *Mind of Primitive Man*. New York: Macmillan.
- Bose, N.K. 1961. *Cultural Anthropology*, Bombay: Asia Publishing House. Bose, N.K. 1961. *Culture and*

d Society in India. Bombay: Asia Publishing House.  
 Durkheim, E. 1897. The Elementary Forms of Religious Life. London: Allen and Unwin.  
 Dube, Leela. 1974. Sociology of Kinship: An analytical survey of literature.  
 Evans-Pritchard, E. E. 1951. Social Anthropology, New York: Free Press.  
 Firth, R. 1921. Primitive Economics of the New Zealand Maori. London: George Routledge.  
 Fortes, M. 1949. The Web of Kinship among the Tallensi. London: Oxford University.  
 Harris, M. 1968. Rise of Anthropological Theory. New York.  
 Hoebel, E. A. 1954. Man in the Primitive World. Harvard: University Press.  
 Honigmann, J. J. (ed.): Handbook of Social and Cultural Anthropology; Chicago: Rand McNally and Company,  
 Kroeber, A. 1923. Anthropology. New York: Harcourt, Brace.

**COURSE: ANTH-CT-103: Total Marks= 75 (Theory= 50 and Internal =25) and Credits= 3**

**COURSE: ANTH-CT-103A Archaeological Anthropology Credit: 1 (Marks=**

**25) Module ARANTH3A1: Tool Technology and Typology**

1 Basic concepts: Core tool, Flake tool, Bulb of Percussion, Primary flaking, Secondary flaking, Striking Platform etc. 2 Tool making techniques: Block-on-block, Block-on-envil, Cylinder hammer and hollow hammer technique, Fluting technique, Blunting technique, Pressure flaking technique, Grinding and Polishing technique etc. 3 Tool typology: Stone Tools:- Rostro-Carinate, Proto-Handaxe, Handaxe, Chopper, Cleaver, Tortoise Core, Scraper, Points, Blades, Knife blades, Burin, Microliths, Celts, Shoulder Celt, Ring Stone etc. Bone Tools: Arrow straight ener (Batton –de-commandement), fish hooks, harpoon heads, Bone lence points, Spear thrower etc.

**Module ARANTH 3B1: Lithic Cultures of Europe**

1. Different Sub-divisions, Type Station, Major Cultural features, Man responsible, tool typology, Distribution, Glacial age and Geological age 2. Lower Palaeolithic cultural stages: Pre-chellean, Chellean or Abbevillian, Clactonian, Acheulian and Levalloisian 3. Middle Palaeolithic Culture:- Characteristic features and distribution of Middle Palaeolithic Culture of Europe (Mousterian Culture); technological and Economic implication of evolution of flake tools 4. Upper Palaeolithic Cultural Stages: Perigordian, Aurignacian, Solutrean, Magdalenian, Study on Upper Palaeolithic Art 5. Mesolithic Culture of Europe: Comparative study on different sites and ages distributed over western and northern Europe.

**Module ARANTH 3C1: The Neolithic Revolution**

1. Nature, Character, Distribution, Environment, Economy, Tool technology and typology, Pottery Mak

ingTechniqueetc.

### **ReadingList:**

BhattacharyaD.K.1977 PalaeolithicEurope,HumanitiesPress  
Inc.USABurkittM.C.1925Prehistory,Cambridge:CambridgeUniversityPre  
ss.  
BurkittM.C.1963TheOld StoneAge,Cambridge:Cambridge UniversityPress.  
C.Gamble1999ThePalaeolithicSocieties ofEurope,  
Cambridge:CambridgeUniversityPress.ChildeV.G. 1951Man Makes Himself,New York:New  
AmericanLibrary.  
EmberCarolR,EmberMelvinandPeregrinePeterN.2002.Anthropology10thedition.Delhi:PearsonE  
ducation.  
GosdenChris2003Prehistory,Oxford:OxfordUniversityPress.Oakley,Kenneth,Page1956.Manthe  
Tool-Maker. Natural HistoryMuseum:London

### **COURSE:ANTH-CT-103BResearchMethodology**

**Credit:1(Marks=25)**

### **ModuleRMANTH 3D1:Methods inHumanGenetics andStatistics**

1. Twinmethod:biologyof twining, diagnosisof zygotity,heritability
2. Pedigreemethod
3. Introductiontostatistics:useof statisticsinAnthropology
4. Typesofvariable
5. Measureofcentraltendency:mean,medianandmode
6. Measureofdispersion:range,meandeviationandstandard deviation

### **ModuleRMANTH3E1:Methods inPrehistoricArchaeology**

- 1.Explorationandexcavation2.Surface collection

### **ModuleRMANTH 3F1:Methods in SocialCulturalAnthropology**

1. Fieldworktraditions inAnthropology
2. Tools,TechniquesandMethodsofData Collection
3. Conventional: Schedules, Questionnaires, Observation, Participant Observation, Interview,keyInformantInterview,Genealogy,CaseStudy,CrossCulturalComparison,Controlled Comparisonand Mapping
4. Contemporary:GroupDiscussion,FocusGroupDiscussion(FGD),ParticipatoryRuralAppraisal(PRA), RapidRural Appraisal (RRA) Module
5. Approaches of Research in Social Sciences, Micro and macro, Qualitative and quantitative,eticand emic, synchronic and diachronic.

### **ReadingList:**

## **Physical Anthropology**

Barua Saumitra 2002. *Human Genetics:*

*An Anthropological Perspective*. Kolkata: Classique Books.

Frank Harry and Althoen Steven C 1997. *Statistics: Concepts and Applications*. Cambridge: Cambridge University Press.

Madrigal Lorena 1998. *Statistics for Anthropology*. Cambridge: Cambridge University Press.

Stern Curt 1973. *Principles of Human Genetics 3<sup>rd</sup> edition*. San Francisco: WH Freeman.

### **Social Cultural Anthropology**

Coehran, W.G. 1953: Sampling techniques, New York, John Wiley & Sons.

Epstein, A.L. (ed.) 1967: The Craft of Social Anthropology, London: Partel Tavistock Publication, Evans

-Pritchard, E.E. 1951: Social Anthropology. London: Cohen and West Goode,

W.J. and Hatt, P. 1952: Methods in Social Research, New York: McGraw

Hill. Peltó Perti, J. Peltó, Getel, H.: Anthropological Research: The Structure of Inquiry.

Radcliffe-Brown, A.R. 1958: Methods in Social Anthropology (ed. By M.N. Srinivas);  
Bombay: Asia Publishing House.

Sinha, S.C. (ed.) 1978: Field studies on the people of India; Calcutta: Indian

Anthropological Society. Young, P.V. 1966: Scientific Social Surveys and Research, New Delhi:

Prentice Hall of India Pvt. Ltd.

### **Prehistoric Archaeology**

Hole Frank and Heizer Robert 1973. An Introduction to Prehistoric Archeology New York:

Holt Rinehart and Winston Inc.

**COURSE: ANTH-CP-104A**

**Credit: 2 (Marks=50)**

#### **Module PRPHYANTH4A1: Craniometry**

1. Craniometric measurements-definitions, landmarks and instruments.
2. Linear measurements: maximum cranial length, maximum cranial breadth, least frontal breadth, glabella-inion length, nasion-inion length, bi-mastoid breadth, frontal arc, parietal arc, occipital arc, bizygomatic breadth, morphological superior facial height, nasal length, nasal breadth, palatal length, palatal breadth
3. Angular measurements using craniophore: metopic angle, alveolar profile angle, facial profile angle, nasal profile angle

#### **Module PRPHYANTH4B1: Somatometry and Somatoscopy**

1. Somatometric measurements-definition, landmarks and instruments
2. Linear measurements: maximum head length, maximum head breadth, least frontal breadth, bizygomatic breadth, bigonial breadth, nasal length, nasal breadth, nasal height, physiognomic facial height, physiognomic upper facial height, morphological facial height, morphological upper facial height, head circumference.
3. Somatometric indices: definition, measurements and classification: cephalic index, nasal index, morphological facial index, jugo-mandibular index
4. Somatoscopic observation: skin colour----exposed, unexposed; hair----colour, form, quantity, texture, whorl (number, type); eye ---- colour, opening, direction, epicanthic fold; nose depression of root, height of tip, flare of wing.
5. Laboratory Note book and Viva-voce

#### **Reading List:**

Singh Indra P and Bhasin MK 2004. *A Manual of Physical Anthropology*. Delhi: Kamla-Raj Enterprises.  
Weiner JS and Laurie JA 1969. *Practical Human Biology*. Oxford: Blackwell Scientific Publications.

**COURSE: ANTH-CP-104B**

**Credit: 1 (Marks=25)**

**Module PARANTH4C1: Drawing, Description and Identification of Prehistoric Tools**

1. Identification of tools and artifacts of Palaeolithic, Mesolithic and Neolithic Periods.
2. Drawing and description of tools and artifacts of the same period as stated above. Two major categories of tools have to be drawn along with labeling of different significant portions. In case of stone tools candidates will be instructed to draw dorsal and ventral view along with cross-sectional view of each tool.
3. Laboratory Note book and Viva-voce.

List of the tools to be identified and drawn are given below:

Stone Tools: Handaxe, Cleaver, Chopper, Scraper, Blade, Microliths, Celt and Shoulder Celt, Ring Stone etc.

Bone Tools and Artifacts: lance Point, Arrow Head, Harpoon, Baton-de-commandement, and Spear Thrower etc.

**COURSE: ANTH-CP-104C**

**Credit: 1 (Marks=25)**

**Module PSCANTH 4D1: Material Culture (Drawing, description and identification of various material objects used by the community)**

1. Identification, drawing and description of different objects of material culture used by the various communities.
2. Laboratory Notebook and Viva-voce.

**COURSE: DSE-1 General Anthropology**

**Marks=50 (Theory-40; Internal-10), Credit=2**

**Module PHYANTHD1A: Osteology**

1. Human skeletal system: function and classification of bones according to size and position; axial skeleton and appendicular skeleton;
2. Bones of the human cranium: frontal, parietal, temporal, occipital bones, and mandible; Norma frontalis and Norma lateralis
3. Postcranial bones: Vertebral column, scapula, Clavicle, Hip girdle
4. Long bones: Humerus, Radius, ulna, femur, tibia, fibula
5. Sex differences in skull and pelvis.

**ReadingList:**

HutchinsonM, MallattJ, MariebEN. 2006. *ABriefAtlasoftheHumanBody*. Delhi: Pearson Education.  
NelsonH, JurmainR. 1985. *IntroductiontoPhysicalAnthropology*. San Francisco: West Publishing Company.  
PoddarS, Bhagat A. 1987. *HandbookofOsteology*. Patna: Scientific Book Co.

**Module SCANTHD1B: Psychological School of thoughts**

1. Concept of Culture and Personality 2. Concept of Culture pattern: Ruth Benedict 3. Impact of Personality on Culture: Ruth Benedict 4. Impact of Culture on Personality: Margaret Mead 5. Study of National Character: Ruth Benedict and Margaret Mead 6. Culture Background of Personality: Ralph Linton 7. Basic personality type: Abram Kardiner 8. Modal personality, central tendency and frequency distribution: Cora-Du-Bois

**ReadingList:**

Benedict, R. 1934. *Patterns of Culture*, New York: Houghton Mifflin.  
Benedict, R. 1946. *The Chrysanthemum and The Sword*, Boston: Houghton Mifflin.  
Du-Bois, C. 1944. *The People of Alor*, Minneapolis: University of Minnesota Press.  
Durkheim, E. 1893. *Division of Labour in Society*, New York, Macmillan.  
Harris M. 1979. *Rise of Anthropological Theories*, London: Routledge and Kegan Paul Ltd.  
Honigmann, J.J. 1973. *Handbook of Social and Cultural Anthropology*, Chicago: Rand McNally and Co.  
Honigmann, J.J. 1954. *Culture and Personality*, New York: Harper and Row.

**COURSE: DSE-2 Projectwork****Marks= 50 (Project-40; Internal-10), Credit: 2**

Project report based on any topic in Anthropology to be submitted.

**ABILITY ENHANCEMENT COURSE (AEC): Marks= 50 (Theory= 42; Internal= 8), Credit: 2**

Choose from Basket -1





### **Module PHYANTH1C2: Human growth and development**

1. Definition and concept of growth, maturation and development,
2. Methods of growth study: cross-sectional, longitudinal, mixed longitudinal-merits and demerits.
3. Malnutrition, under-nutrition, obesity; causes
4. Roles of vitamin and minerals in human nutrition

#### **Reading List:**

- Barua Saumitra 2002. *Human Genetics: An Anthropological Perspective*. Kolkata: Classique Books.
- Bogin Barry 1999. *Patterns of Human Growth*. Cambridge: Cambridge University Press.
- Relethford JH 2002. *The Human Species: An Introduction to Physical Anthropology*. Boston: McGraw Hill.
- Singh IP and Bhasin MK 2004. *A Manual of Physical Anthropology*. New Delhi: Kamla-Raj Ent.
- Tanner JM 1990. *Foetus into Man: Physical Growth from Conception to Maturity*. Harvard: Harvard University Press.
- Vogel, F. and Motulsky, A. G., 1986, *Human Genetics: Problems and Approaches*, Berlin: Springer Verlag.
- Wardlaw GM, Insel PM. 1996. *Perspectives in Nutrition*. Boston: Mosby

**COURSE: ANTH-CT-202: Total Marks= 75 (Theory= 50; Internal =25) and Credits= 3**

**COURSE: ANTH-CT-202A Social Cultural Anthropology Credit: 1 (Marks=25)**

### **Module SCANTH2A2: Economic Organisation, Political Organisation and Social Stratification**

1. Economic Organizations: Economic aspects of social relation. Characteristic features of primitive economy. Division of labour. System of production, technology, exchange, distribution, consumption. Concept of property and inheritance. Economic organisation in hunting-gathering and pastoral communities.
2. Political organization: Traditional political organization of the tribes; Social control; Primitive and modern political system. Patterns of political organization, customs law and social sanction.
3. Nature and function of social stratification.

#### **Reading List**

- Bose, N.K. 1961. *Cultural Anthropology*, Bombay: Asia Publishing House.
- Bose, N.K. 1961. *Cultural and Society in India*. Bombay: Asia Publishing House.
- Belshaw, C. 1975. *Traditional exchange and modern markets*. New Jersey: Prentice Hall
- Danda, A. K. 1971. *Tribal economy in India*. New Delhi: Inter India Publication.

Dube, S.C. 1990 (2nd Ed. 1992). *Indian Society*. India: National Book Trust.

Dosi S.L. and P.C. Jain, 1999. *Rural Sociology*. Rawat Publications, New Delhi.

Durkheim, E. 1893. *Division of Labour in Society*. New York: Macmillan.

Evans-Pritchard, E.E. 1972. *Social Anthropology*. London: Routledge & Kegan Paul Ltd.

Evans-Pritchard, E.E. 1951. *Social Anthropology*. . New York: Free Press.

Firth, R. 1921. *Primitive Economics of the New Zealand Maori*. London: George Routledge.

Harris, M. 1979. *Rise of Anthropological theories*; London, Routledge & Kegan Paul.

Haviland, A.W. 1996. *Cultural Anthropology*. New York: Harcourt Brace College Publishers.

Honigman, J.J. 1973. *Handbook of Social and Cultural Anthropology*. Chicago: Rand McNally and Co.,

Jha, M. 1983. *An Introduction to Anthropological Thought*. New Delhi: Vikas Publishing House,

Leach, E. 1954. *Political Systems of Highland Burma*. Boston: Beacon Press.

Lowie, R.H. 1949. *Primitive Society*, London: Routledge and Kegan Paul

Lowie, R.H. 1920. *Primitive Society*. New York: Farrer & Rinehart.

Lowie, R.H. 1950. *Social Organization*. London, Routledge and Kegan Paul.

Malinowski, B. 1980. *A Scientific Theory of Culture and other Essays*; New York: Oxford University Press.

Malinowski, B. 1926. *Crime and Custom in Savage Society*. London: Kegan Paul.

Nash, M. 1974. *Primitive and peasant Economic systems*. San Francisco: Chandler Pub. Parsons

Sharma, K.L. (ed.). 1986. *Social Stratification in India* Delhi: Monohar.

Sharma, K.L. 1974. *The Changing Rural Stratification System*, New Delhi: Orient Longman

Singh, K.S. (ed.) 1982. *Economics of Tribes and their transformation*. New Delhi: Concept.

Singh, Yogendra. 1977. *Social Stratification and Change in India*, New Delhi: Monohar.

**COURSE: ANTH-CT-202B Social cultural Anthropology Credit: 1 (Marks=**

**25) Module SCANTH2B2: Religion, Magic, Personality Formation and Civilization**

1. Religion and Magic: Meaning and definition of religion. Anthropological approaches to the study of Religion. Theories of origin of religion. Function of religion. Forms of religion: Animism, animatism, fetishism, *manaism*, *bongaism*, naturism, *totemism*. Occultism and magical practices: Magic and witch-craft; magico-religious specialists; symbolism in religion. Religion and rituals. Religion, magic and science.
2. Socialization and enculturation– concepts and process. Outline of Culture and personality– meaning, concepts, formation processes and determinants of personality. Important Concepts/views of Ruth Fulton Benedict, Margaret Mead, Ralph Linton, Abram Kardinar, Cora-du-Bois on culture and personality, etc.
3. Culture and civilization: Concept, meaning and definition of civilization.
4. Concepts and views of various anthropologists and sociologists on civilization. Relation and differences between culture and civilization.

**Reading List**

Boas, F. 1940. *Race, Language and Culture*. New York: MacMillan and Company.

Bose N. K. 1975 *The Structure of Hindu Society*, New Delhi: Orient Longman Limited.

Durkheim, E. 1897. *The Elementary Forms of Religious Life*. London: Allen and Unwin.

Ember, C.R., M. Ember and P.N. Pergrine 2002. *Anthropology*. Delhi: Pearson Education Asia.

- Evans-Pritchard, E.E. 1951. *Social Anthropology*. New York: Free Press.
- Frajer, J.C. 1887. *Totemism*. Edinburgh: Adams & Charles.
- Frajer, J.C. 1911-1915. *The Golden Bough, 3<sup>rd</sup> Edition*. London: Macmillan.
- Harris, M. 1979. *Rise of Anthropological theories*; London, Routledge & Kegan paul.
- Haviland, A.W.1996. *Cultural Anthropology*. New York: HarcourtBraceCollege Publishers.
- Hobel, E.A. 1949. *Man in the Primitive World*. NewYork: McGrow-HillBook Company.
- Honigman, J.J. 1973. *Handbook of Social and Cultural Anthropology*. Chicago: Rand McNally
- Jha, M. 1983. *An Introduction to Anthropological Thought*. New Delhi: Vikas Publishing House,
- Jullian Steward. *Theory of culture change*.London: HartcourtBraceCollege Pub.
- Kroeber A. 1957 *Style and Civilisation*, Ithaca: Cornell University
- Kuper. A. 1973. *Anthropologists and Anthropology*. London: Allen Lane.
- Leach, E.R. 1961: *Rethinking Anthropology*; London: Anthony Press.
- Levi-Strauss, C. 1963 (b). *Totemism*.Boston: Beacon Press.
- Lewis, Oscar. 1966 (a). *The Culture of Poverty*. Scientific American.
- Linton, R. 1945. *The Cultural Background of Personality*. New York: Appleton.
- Lowie, R.H. 1949. *Primitive Society*, London:Routledge and Krgan Paul
- Lowie, R.H. 1920. *Primitive Society*.New York: Farrer & Rinehart.
- Lowie, R.H.1950. *Social Organization*. London, Routledge and Kegan Paul.
- Malinowski, B. 1922. *Argonauts of Western Pacific*, New York: Dutton.
- Malinowski, B. 1980. *A Scientific Theory of Culture and other Essays*; New York: OxfordUniversity Press.
- Marriet, R.R. 1909. *The Threshold of Religion*. London: Methuen.
- Mead, M. 1928. *Coming of age in Samoa*. New York: Morrow.
- Mead, M. 1930. *Grwoing up in NewGuinea*. New York: Blue Ribbon.
- Mead, M. 1955. *Cultural Patterns and Technical Change*. New York: Mentor.
- Radcliffe- Brown, A.R. 1922. *The Andaman Islanders*. Cambridge:CambridgeUniversity press.
- Radcliffe-Brown, A.R. 1958. *Methods in Social Anthropology*, M.N. Srinivas (ed.) Bombay: Asia Publishing House.
- Redfield, R. 1941 *The Folk Culture of Yukatan*, Chicago, ChicagoUniversity Press
- Redfield, R. 1953 *Primitive World and its Transformation*, New York
- Redfield, R. 1955 *The Little Community: View Point for the Study of Human Whole*, Chicago: ChicagoUniversity Press
- Singer, M. 1972 *When a Great tradition Modernises*, Chicago: Chicago University Press.
- Singer, M. 1975 *Traditional India: Structure and Change*, Chicago:ChicagoUniversity Press,
- Singh Yogendra 1973 *Modernisation of Indian Tradition*, New Delhi: Thomson Press (India) Limited.
- Singh Yogendra 1975 *Essays on Modernisation in India*, New Delhi: Monohar Book Service.
- Singh Yogendra 1993 *Social Change in India: Crisis and Resilience*, New Delhi: Har-Anand PVT. LTD,
- Sinha, S. 1965 Tribe-Caste Continuum, *Man in India, Vol. 45, No.1*
- Srinivas M. N. 1952 *Religion and Society among Coorgs of South India*, Bombay: Asia Publishing House.
- Srinivas M. N. 1962 *Caste in Modern India and other Essays*, Bombay: Asia Publishing House
- Srinivas M. N. 1966 *Social Change in Modern India*, California: University of California Press
- Srinivas,M.N. 1952. *Religion and Society among Coorgs of South India*. Bombay: Asia Publishing House.
- Upadhyay, V.S. and Pandey, G. 1993. *History of Anthropological Thought*. Concept Publishing Company, New Delhi.
- Vidyarthi, L.P. 1961 *Sacred Complex in Hindu Gaya*, Bombay: Asia Publishing House

Vidyarthi, L.P. 1963 *The Maler: Nature-Man-Spirit Complex in a Hill Tribe of Bihar*, Calcutta: Bookland Private Limited.

**COURSE: ANTH-CT-203: Total Marks= 75 (Theory= 50; Internal =25) and Credits= 3**

**COURSE: ANTH-CT-203A Social Cultural Anthropology Credit: 1 (Marks=**

**25) Module SCANTH3A2: Schools of Diffusionism**

1. Concept and features 2. British School of Thoughts 3. German School of Thoughts 4. American School of Thoughts

**Module SCANTH 3B2: Schools of Evolutionism**

1. Concept and features 2. Classical and Neo-evolutionary thoughts 3. Concept of Unilinear Evolutionists: L.H. Morgan and E.B. Tylor 4. Concept of Multilinear Evolutionist: Julian Steward 5. Concept of Universal Evolutionists: Gordon-Childe and L. White

**Module SCANTH3C2: Functional School of Thoughts**

1. Concept of Malinowski 2. Theory of Need

**Module SCANTH3D2: Structuralism and Neo-structuralism**

1. Social Solidarity and Division of labour: Emile Durkheim.
2. Structural-functionalism: Radcliffe-Brown.
3. Structuralism: Social Structure: Levi-Strauss
4. Social structure and Social Organisation: Raymond Firth.
5. Poststructuralism and Postmodernism

**Reading List:**

Behura, N.K. 1988 *Anthropological thoughts and theories*, Calcutta: Institute of Social Research and Applied Anthropology.

Bose, N.K. 1929. *Cultural Anthropology*, Bombay: Asia Publishing House

Child, V.G. 1951. *Social Evolution*, New York: Henry Schuman.

Harris M. 1964. *The Nature of Cultural Things*, New York: Random House.

Harris M. 1979. *Rise of Anthropological Theories*, London: Routledge and Kegan Paul Ltd.

Honigmann, J.J. 1973. *Handbook of Social and Cultural Anthropology*, Chicago: Rand McNally and Co.

Honigmann, J.J. 1954. *Culture and Personality*, New York: Harper and Row.

Malinowski, B. 1922. *Argonauts of Western Pacific*, New York, Dutton.

Malinowski, B. 1927. *Sex and Repression in Savage Society*, London, Routledge and Kegan Paul

Malinowski, B. 1922. *Argonauts of Western Pacific*, New York, Levi-Strauss, C. 1963. *Structural Anthropology*, New York:

Radcliffe-Brown A.R. 1948: A Natural Science of the Society, New York: Free Press.

**COURSE: ANTH-CT-203B Archaeological Anthropology Credit: 1 (Marks=**

**25) Module ARANTH3E2: Indian Prehistory**

1. The geo-climatic background: The three strata in India, The ice age in India, Quaternary subdivisions in India, Chronological classifications of different cultures.
2. The Palaeolithic cultural Phases: a) Lower palaeolithic culture: North-west India, Southern India and South-central Indian sites (Sohan valley, Attirumpukku and Vadamadurai, Nevasa).
3. b) Middle palaeolithic culture: Sites of Central and southern India (Nevasa) c) Upper palaeolithic culture: Western, southern and eastern India sites.
4. The Mesolithic Culture: a) The successive stages b) Southern and Eastern Indian sites.
5. The Neolithic Culture: a) Western, Southern, Central and Eastern Indian sites. b) The Megalithic Monuments: Dolmen, Passage Grave, Stone Kist, Menhir etc.
6. The Chalcolithic period: Indus Valley Civilisation: Basic characteristic features, Town planning, Trade and Commerce, Religion, Reasons for Declination.

**Reading List**

Allechin B. 1982 The Rise of Civilization in India and Pakistan, Cambridge: Cambridge University Press,  
Allechin B. and R. Allchin 1982 The Birth of Indian Civilization, Penguin Books, New Delhi  
Bhattacharya D.K. 1989 An Outline of Indian Prehistory, Delhi: Palaka Prakashan.  
Sankalia, H.D. 1962. Prehistory and Protohistory of India and Pakistan, Bombay: University of Bombay  
Sankalia, H.D. 1975. Prehistory of India, New Delhi: Munshiram Manoharlal.

**Course ANTH-CP-204A (Practical) Credit: 1 (Marks=**

**25) Module PRPHYANTH4A2:**

Field study/ Museum visit/ Laboratory visit/ Zoo visit/ Primate study  
Duration: at least 5 days

**Course ANTH-CP-204B (Practical) Credit: 1 (Marks=**

**25) Module PARANTH4B2:**

Fieldwork/ Museum visit in Prehistoric Archaeology  
Duration: at least 5 to 7 days

**Course ANTH-CP-204C (Practical) Credit: 3 (Marks=**

**75) Module PSCANTH4C2:**

Fieldwork in Social Cultural Anthropology.  
Duration: at least 15 to 21 days

**COURSE:DSE-3IndianAnthropology**

**Marks=50(Theory-40; Internal-10), Credit=2**

**ModulePHYANTHD3A:Physical Anthropology in India**

1. Primate studies in India, families of Indian primates
2. Primate conservation
3. Primates in Medical research
4. Ethnic profile of North Bengal and Sikkim
5. Studies in human growth and nutrition in West Bengal
6. Dermatoglyphic studies in West Bengal

**Reading List:**

Nelson H, Jurmain R. 1985. *Introduction to Physical Anthropology*. San

Francisco: West

Publishing Company.

Bogin Barry 1999. *Patterns of Human Growth*. Cambridge: Cambridge University Press.

Tanner JM 1990. *Foetus into Man: Physical Growth from Conception to Maturity*. Harvard: Harvard University Press.

Sukla B. R. K. and Rastoi Sudha; 2018. *Physical Anthropology and human*

genetics-

An introduction. Palaka Prakashan, Delhi.

**Module SCANTHD3B: Social Cultural Anthropology in India**

Theoretical contributions of Indian anthropologists and sociologists in understanding Indian society and culture with particular reference to—D. N. Majumdar, I. Karve, L. P. Vidyarthi,

M. N. Srinivas, N. K. Bose, S. C. Roy, S. C. Sinha, T. C. Das, S. C. Dube, Verrier Elwin, M. N. Basu, B. K.

Roy Burman.

**Reading List:**

Bose, N. K. (ed.) 1961. *Peasant life in India*. Calcutta: ASI. Bose,

N. K. 1967. *Problems of National Integration*; Simla: Indian Institute of Advanced Study, Bose,

N. K. (Translated by A. Beteille) 1975: *The Structure of Hindu Society*; Calcutta: Orient Longman,

Danda, A. K. 1996: *Foundation of Anthropology in India*. New Delhi. Inter-

India Publication Danda, A. K. *Ethnicity in India*; New Delhi. Inter India Publication.

Desai, A. R. 1948. *Social Background of Indian Nationalism*; Bombay. Popular Prakashan. Engineer,

A. A. (ed.). 1984. *Communal Riots in Post-Independence India*, New Delhi: Sangam Books.

Guha, A. 2011. *Ethics of Field work in the Study of Bengal Famine: The Case of Tarak Chandra Das* 46 (2&3): 135-144,

Upadhyay, V. S. and Pandey, G. 1993. *History of Anthropological Thought*. Concept Publishing Company, New Delhi.

Vidyarthi, L. P. 1963 *The Maler: Nature-Man-Spirit Complex in a Hill Tribe of Bihar*, Calcutta: Bookland Private Limited.

**COURSE:DSE-4BookReview**

**Marks=50(Review-40; Internal-10), Credit=2**

Review any two textbooks and submit for evaluation

**SKILL ENHANCEMENT COURSE (SEC)**

**Marks=50 (Theory-42; Internal-8), Credit=2**

Choose from Basket -2



**M.Sc. Anthropology**  
**3<sup>rd</sup> Semester**

**COURSE: ANTH-CT-301: Total Marks= 75 (Theory-50; Internal-25) and Credits= 3**

**COURSE: ANTH-CT-301A Physical Anthropology**

**Credit: 1 (Marks=25)**

**Module PHYANTH1A3: Human Genetics**

1. Human chromosomes: non-disjunction; classification; chromosome variation in number and structure: euploidy, polyploidy, mosaics; deletion, duplication, inversion, translocation; syndromes; banding
2. Mutation and its types; point mutation in man, Natural selection in man, penetrance and expressivity
3. Simple Mendelian inheritance in Man- Autosomal (dominant, recessive), Sex-linked (X linked-dominant, recessive, Y linked), Co-dominant inheritance
4. Polygenic inheritance, heritability
5. Genetics of ABO and Rh(D) blood groups----genetics, inheritance and incompatible mating.
6. Practical application of human genetics-----eugenics, genetic counseling, genetic screening, ethical and social implications.

**Reading List:**

Barua Saumitra 2002.

*Human Genetics: An Anthropological Perspective.* Kolkata: Classique Books.

Gardner Eldon John, Simmons Michale J and Snustad D Peter 1991. *Principles of Genetics.* New York: John Willey & Sons.

Harper, P. S. 1998, *Practical Genetic Counseling*, Oxford: Butter worth Heinemann. Klug WS and Cummings MR 1999. *Essentials of Genetics* New Jersey: Prentice

Hall. Lewis Richi 2003. *Human Genetics: Concepts and Applications* Boston: WCB McGraw Hill.

Rothwell, N. V., 1978, *Human Genetics*, New Delhi: Prentice Hall Pvt. Ltd.

Thompson, J. S. and Thompson, M. W. 1968, *Genetics in Medicine*, Philadelphia: W. B. Saunders.

Vogel, F. and Motulsky, A. G., 1986, *Human Genetics: Problems and Approaches*, Berlin: Springer Verlag.

**COURSE: ANTH-CT-301B Physical Anthropology**

**Credit: 1 (Marks= 25)**

**Module PHYANTH1B3: Human Genetic Variation**

1. Genetic variation: genetic drift, recombination, migration, founder's effect
2. Genetic variation in red cell enzymes: PGM, Red cell acid phosphatase
3. Genetic variation in plasma proteins: Hp, Tf

4. Genetic variation in DNA: mtDNA
5. Haemoglobin: Normal Hb, fetal Hb: structure and function; Abnormal haemoglobin: HbS, HbE and HbC – structure, function and genetic variation.
6. Immunology: immune system, immunoglobulins
7. Mutations and mutagens.

**Module PHYANTH1C3: Human Auxology**

1. Growth curves: Velocity, Distance, Acceleration and Scammon's Growth curve
2. Prenatal growth: the three trimesters and post-natal growth
3. Catch up growth and Secular trend
4. Factors affecting growth: Hereditary, environment, hormone, nutrition, socio-economic factors
5. Tanner stages of growth

**Reading List:**

- Giblett ER. 1969. *Genetic Markers in Human Blood*. Oxford: Blackwell Scientific Publications.
- Jurmain R, Nelson H, Kilgore L, Trevathan W. *Introduction to Physical Anthropology*. 1999. Belmont: Wadsworth.
- Mourant AE, Kopec AC, Domaniewska-Sobczak K. 1978. *Blood Groups and Diseases: a Study of Associations of Diseases With Blood Groups and Other Polymorphisms (Monograph on Medical Genetics)*. London: Oxford University Press.
- Peregrine PN, Ember CR, Ember M. (eds.) 2002. *Physical Anthropology: Original Readings in Method and Practice*. New Jersey: Prentice-Hall.
- Race RR, Sanger R. 1975. *Blood Groups in Man*. Oxford: Blackwell Scientific Publications.
- Strickberger, MW. 1990. *Evolution*. London: Jones and Bartlett Publishers.
- Vogel F, Motulsky AG. 1986. *Human Genetics: Problems and Approaches*. New York: Springer-Verlag.
- Tanner JM 1990. *Foetus into Man: Physical Growth from Conception to Maturity*. Harvard: Harvard University Press.
- Wardlaw GM, Insel PM. 1996. *Perspectives in Nutrition*. Boston: Mosby

**COURSE: ANTH-CT-302: Total Marks= 75 (Theory-50; Internal-25) and Credits= 3**

**COURSE: ANTH-CT-302A Social Cultural Anthropology                      Credit: 1 (Marks= 25)**

**Module SCANTH2A3 Development of Social                      Cultural Anthropology                      and  
Multiculturalism in India**

1. History and development of social-cultural anthropology in India
2. Ethnographic profile of India: Racial, ethnic, linguistic and religious communities.
3. Multiculturalism in India- challenges and opportunities; communalism, regionalism, identity crisis, ethnicity, unrest among the ethnic groups and marginal people, tribal movements

and problems of national integration.

**Reading List:**

- Ahuja, Ram. 1999. *Society in India: concepts, theories and changing trends*. Rawat: New Delhi.
- Bhowmik, P.K. 1980: *Some aspects of Indian Anthropology*; Calcutta: Suvarnarekha.
- Bose, N.K. (ed.) 1961. *Peasant life in India*. Calcutta: ASI.
- Bose, N.K. 1967. *Problems of National Integration*; Shimla: Indian Institute of Advanced Study,
- Bose, N.K. (Translated by A. Beteille) 1975: *The Structure of Hindu Society*; Calcutta: Orient Longman,
- Danda, A.K. 1996: *Foundation of Anthropology in India*; , New Delhi.: Inter-India Publication
- Danda, A.K. *Ethnicity in India*; New Delhi. Inter India Publication.
- Desai, A.R. 1948. *Social Background of Indian Nationalism*; Bombay: Popular Prakashan.
- Engineer, A.A. (ed.). 1984. *Communal Riots in Post-Independence India*, New Delhi: Sangam Books.
- Guha, A. 2011. Ethics of Field work in the Study of Bengal Famine: The Case of Tarak Chandra Das 46 (2&3): 135-144, Journal of the Indian Anthropological Society.
- Jash, P. (ed.). *National Integration; Problems in perspectives*; Santiniketan: Visva-Bharati.
- Jha, Makhan 1982: *An Introduction to Anthropological thought*; New Delhi: Vikash Publishing House Pvt. Ltd.
- Madan, T.N. & Gopal Sarana (ed.) 1962: *Indian Anthropology, Essays in Honour of D.N. Majumdar*, New Delhi: Asia Publishing House,
- Mathur, H.M. 1977: *Anthropology in development process*; New Delhi: Vikash Publishing.
- Oommen, T.K. & R.N. Mukherjee (eds.) 1986: *Indian Sociology*; Bombay: Popular Prakashan.
- Rao, M.S.A. 1974: *A Survey of Rise arch in society and social anthropology*; Bombay: ICSSR, Popular Prakashan,
- Siddiqui, M.K.N. 1999. *Roots of communalism in India*; New Delhi.: Abodi Publication.
- Sinha, Surajit (ed.): *Aspects of Indian Culture and Society*; Calcutta: ASI.
- Singh, K.S. 1972. *Tribal Situation in India*. Shimla, Indian Institute of Advance Study.
- Singh, K.S. 1983. *Tribal Movements in India Vol. 1 & 2*. New Delhi, Manohar Publications.
- Singh, K.S. 1985. *Tribal Society in India*. New Delhi, Manohar.
- Unnifham T.K.N. Indra Deva and Y. Singh (eds.) 1965: *Towards sociology of culture in India*; New Delhi. Prentice Hall of India.
- Vidyarthi, L.P.: *Rise of Anthropology in India (2 Volume)*, New Delhi: Concept Publishing Home.
- Vidyarthi, L.P. and B.K. Rai. 1985. *The tribal culture of India*. New Delhi: Concept Pub. Company.

**COURSE: ANTH-CT-302B Social Cultural Anthropology**

**Credit: 1 (Marks=**

**25) Module SCANTH2B3: Regional Studies**

1. Ethnic Profile of the Indigenous Populations of West Bengal and Sikkim
2. Southern part of West Bengal.
3. Northern part West Bengal (North Bengal).
4. Sikkim

## **Module SCANTH 2C3: History and Development of Tea Gardens in North Bengal**

1. Historical Perspectives of establishment of Tea Gardens.
2. Ethnic profile and Social system of Tea Garden labourer.
3. Acculturation and Cultural change.
4. Syncretism.

### **Reading List:**

- Bagchi A. and Bhattacharya (eds.), *The History and Culture of the Hills and the Plains*, B. R. Publishing Corporation, Delhi.
- Bhadra, R. K. 1997: *Social Dimension of Health of Tea Plantation workers in India*; Dibrugarh: N. L. Publishing.
- Bhadra, R. K. and Mita Bhadra. 1997: *Plantation labourers of North East India*; Dibrugarh: N. L. Publishers.
- Bhowmik, K. S. 1981: *Class Formation in a plantation system*; New Delhi.: P. P. Lt.
- Das, A. K. 1969: *The Lepchas of West Bengal*; Bulletin CRI Publication special series, 19.
- Das, A. K. and M. K. Raha. 1967: *The Rabhas of West Bengal*; Bulletin of CRI Special Series.
- Sanyal, C. C.. 1965: *Rajbanshi of North Bengal*; Calcutta: Asiatic Society.
- Sinh, A. C.: *Politics of Sikkim*; New Delhi: Thomson Press.
- Xaxa, V. 1980: *Evolution of Agrarian Relation in Jalpaiguri*; Sociological Bulletin, March



**Discipline Specific Elective (DSE)**  
**(GROUP-A)**

**COURSE:DSE-5:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-5SocialCulturalAnthropology      Credit: 2 (Marks= 50)**

**ModuleSCANTHD5A: Rural Society in India-I**

1. Characteristics of Rural Society. Salient criteria to distinguish rural society from urban society.
2. Agrarian Class Structure: (a) Characters of Indian peasants. (b) Agrarian social structure. Social organization of production, caste and agrarian relations in Indian villages. Impact of globalization on Indian villages, the changing agrarian relations.
3. Agrarian movements in India.

**Reading List**

- Atal, Yogesh. 1979: *Changing Frontiers of Caste*. New Delhi. National Pub. House.
- Berremen, G.D. 1979: *Caste and Other Inequalities*. Meerut, Folklore Institute
- Beteille, Andre. 1966: *Caste, Class and Power*. Delhi: Oxford University Press.
- Beteille, Andre. 1974: *Studies in Agrarian Social Structure*; Delhi: Oxford University Press.
- Bottomore, T.B. 1970: *Class in Modern Society*. London: George Allien and Unwin.
- Dasgupta, Biplab (ed.) 1975: *Village Studies in the Third World*, Delhi: Hindustan.
- Desai. A.R. 1969: *Rural Sociology in India*. Bombay: Popular.
- Dhanagare, D.N. 1983: *Peasant Movements in India after Independence*. Delhi: Oxford University Press.
- Dube, S.C. 1955. *India's Changing Villages: Human Factors in Community Development*. London: Cornell University Press.
- Dube, S.C. 1955. *Indian Village*. London: Cornell University Press.
- Dube, S.C. 1955. *India's Changing Villages: Human Factors in Community Development*. London: Cornell University Press.
- Dube, S.C. 1958. *Power and Conflict in Village India*. London: Cornell University Press.
- Hutton. J.H. 1946, *Caste in India*. Cambridge University press
- Joshi, P.C. 1977 *Land Reforms in India*, Delhi. : Institute of economic growth
- Kothari, Rajani. 1970: *Caste in Indian Politics*. Delhi: Orient Longman.
- Majumder, D.N. 1958. *Caste and Communication in an Indian Village*. Bombay Asia Publishing House.
- Mandelbaum, David G. 1972: *Society in India*. Bombay: Popular
- Redfield, R. 1955. *The Little Community, View point for the Study of Human Whole*. Chicago: Chicago University Press.
- Redfield, R. 1956. *Peasant Society and Culture*. Chicago: Chicago University Press.
- Srinivas, M.N. (ed.) 1955: *India's Villages*. Bombay: Asia Pub. House.
- Srinivas, M.N. 1986: *India: Social Structure*. Delhi: Hindustan.

- Thorner, Daniel 1973: *Agrarian Prospect in India*. New Delhi Allied.
- Vidyarthi, L.P. 1978: *Rise of Anthropology in India (Vol. 2)*; Delhi Concept Pub.
- Wiser, William H. 1936: *The Hindu Jajmani System* Lucknow: Lucknow Pub. House.
- Marriot, McKim (ed.). 1955. *Village India*. Chicago: University of Chicago press.
- Redfield, R. 1955. *The Little Community, View point for the Study of Human Whole*. Chicago: Chicago University Press.
- Redfield, R. 1956. *Peasant Society and Culture*. Chicago: Chicago University Press.
- Sinha, Surjit, 1965. Tribe Caste Continuum. *Man in India, Vol. 45, No.1*.
- Singer Milton (ed.) 1958. *Traditional India: structure and change*, American, Folklore Society, Philadelphia.
- Singh, Yogendra 1973. *Modernization of Indian traditions*. New Delhi.: Thomson Press (India) Limited.
- Srinivas, M.N.1962. *Caste in Modern India and other Essays*. Bombay: Bombay Asia Publishing House.
- Srinivas, M.N. 1976. *The Remembere3d Villages*. Berkeley: University of California.
- Srinivas, M.N. 1972: *Social Change in Modem India*. Bombay: Orient Longman

### **Module SCANTH D5B: Rural Society in India-II**

1. Village Communities in India: Village studies in India- (tribal and peasant); primitive society as a conceptual model of village ethnography. Village, social systems- solidarity, external linkages, rural cosmopolitan (Oscar Lewis), unity and extension of Indian villages (Morris E. Opler), factions, conflicts.
2. The Varna–Jati and Caste System in India: Social Stratification, caste as a group and as a system of social segmentation and integration, Dominant caste, caste mobility, tribe-caste continuum.
3. Social and cultural change with special references to caste in modern India / changing dimensions of caste and rural society: Traditional and changing patterns of settlement and inter-caste relations; various agents- Hinduization, Sanskritization, Vaisnavization, Kshatryaization, westernization, industrialization, urbanization, modernization, globalization, influences of multi-complex societies and interactions with their various traditions, various mobilities in caste as well as in village societies; panchayat raj and social change; media and social change.

### **Reading List:**

- Atal, Yogesh. 1979: *Changing Frontiers of Caste*. New Delhi. National Pub. House.
- Berremann, G.D. 1979: *Caste and Other Inequalities*. Meerut, Folklore Institute
- Beteille, Andre. 1966: *Caste, Class and Power*. Delhi: Oxford University Press.
- Beteille, Andre. 1974: *Studies in Agrarian Social Structure*; Delhi: Oxford University Press.
- Bottomore, T.B. 1970: *Class in Modern Society*. London: George Allien and Unwin.
- Dasgupta, Biplab (ed.) 1975: *Village Studies in the Third World*, Delhi: Hindustan.
- Desai. A.R. 1969: *Rural Sociology in India*. Bombay: Popular.

- Dhanagare, D.N. 1983: *Peasant Movements in India after Independence*. Delhi: Oxford University Press.
- Dube, S.C.1955. *India's Changing Villages: Human Factors in Community Development*. London: CornellUniversity Press.
- Dube, S.C.1955. *IndianVillage*. London: CornellUniversity Press.
- Dube, S.C.1955. *India's Changing Villages: Human Factors in Community Development*. London: CornellUniversity Press.
- Dube, S.C.1958. *Power and Conflict in Village India*. London: CornellUniversity Press.
- Hutton.J.H. 1946,*Caste in India*. CambridgeUniversity press
- Joshi, P.C. 1977 *Land Reforms in India*, Delhi. : Institute of economic growth
- Kothari, Rajani. 1970: *Caste in Indian Politics*. Delhi: Orient Longman.
- Majumder, D.N. 1958. *Caste and Communication in an IndianVillage*. BombayAsia Publishing House.
- Mndelbaum, David G. 1972: *Society in India*. Bombay: Popular
- Redfield, R. 1955. *The Little Community, View point for the Study of Human Whole*. Chicago: ChicagoUniversity Press.
- Redfield, R. 1956. *Peasant Society and Culture*. Chicago: ChicagoUniversity Press.
- Srinivas, M.N. (ed.) 1955: *India's Villages*. Bombay: Asia Pub. House.
- Srinivas, M.N. 1986: *India: Social Structure*. Delhi: Hindustan.
- Thorner, Daniel 1973: *Agrarian Prospect in India*. New Delhi Allied.
- Vidyarthi, L.P. 1978: *Rise of Anthropology in India (Vol. 2)*; Delhi Concept Pub.
- Wiser, William H. 1936: *The Hindu Jajmani System* Lucknow: Lucknow Pub. House.
- Marriot, McKim (ed.). 1955. *VillageIndia*. Chicago: University of Chicago press.
- Redfield, R. 1955. *The Little Community, View point for the Study of Human Whole*. Chicago: ChicagoUniversity Press.
- Redfield, R. 1956. *Peasant Society and Culture*. Chicago: ChicagoUniversity Press.
- Singh Yogendra 1973 *Modernisation of Indian Tradition*, New Delhi: Thomson Press (India) Limited.
- Singh Yogendra 1975 *Essays on Modernisation in India*, New Delhi: Monohar Book Service.
- Singh Yogendra 1993 *Social Change in India: Crisis and Resilience*, New Delhi: Har-Anand PVT. LTD,
- Sinha, Surjit, 1965. *Tribe Caste Continuum. Man in India, Vol. 45, No.1.*
- Singer Milton (ed.) 1958. *Traditional India: structure and change*, American, Folklore Society, Philadelphia.
- Singh, Yogendra 1973. *Modernization of Indian traditions*. New Delhi.: Thomson Press (India) Limited.
- Srinivas M. N. 1952 *Religion and Society among Coorgs of South India*, Bombay: Asia Publishing House.
- Srinivas, M.N. 1955. *India's Village*. Asia Publishing House
- Srinivas, M.N. 1962. *Caste in Modern India: And Other Essays*. Asia Publishing House.
- Srinivas, M.N. 1962. *Caste in modern India and Other Essays*. Asia Publishing House.
- Srinivas, M.N. 1969. *India: Social Structure*. Hindustan Publishing Corporation
- Srinivas, M.N. 1972: *Social Change in Modem India*. Bombay: Orient Longman
- Srinivas, M.N. 1976. *The Remembere3d Villages*. Berkeley: University of California.
- Srinivas, M.N.1978. *The Remembered Village*. Oxford, Oxford University Press
- Srinivas, M.N. 1987. *The Dominant Caste and Other Essays*. Oxford University Press.



**COURSE:DSE-6:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-6SocialCulturalAnthropology**

**Credit: 2 (Marks=**

**50)ModuleSCANTHD6A:WeakerSections inIndian Populations-I**

1. WeakersectioninIndianPopulation:Definitionandcharacteristicsfeaturesoftribes, Scheduledtribes,denotifiedcommunities.ScheduledcastesandOtherBackwardCommunities/Classes; and Dalits' in India.
2. Economic, education and social profile of theweakersections.
3. Exploitation,deprivationandviolenceagainstweakersectionandAmeliorativemeasures.
4. Relationbetweenweakerandnon-weakersectionswithspecialreferencetoso-calledearlieruntouchableandtouchable;andtribal-nontribalrelations.Untouchability and its eradication; and Dalit consciousness.
5. Dalit Movements and Socio-politicalReformers:DalitleadersandtheiractivitieswithspecialreferencetoDr.B.R.Ambedkar, Jyotirao Phule, Babu Jagjivan Ram, Manyawar Shir Kanshi Ram Ji, Jogendra NathMandal,Harichand ThakurandGuruchand Thakur, ThakurPanchananBarma etc.

**ReadingList**

- Ahmed Aziz. 1964 *Studies in Islamic Culture in the Indian Environment*. Clarendon Press.
- Ahmed Indiaz. 1976 *Oxford: Caste and Social Stratification Among Muslims in India*, New Delhi: Monohar Publications.
- Ahuja, Ram. 1999. *Violence against Women*. Jaipur: Rawat Pub.
- Ahuja, Ram. 1999. *Society in India*. New Delhi: Rawat.
- Ahuha, Ram. 1999. *Indian Social System*. New Delhi: Rawat.
- <http://www.bspindia.org/manyawar-shri-kanshiram-ji.php>
- Banerjee, Nirmala: *Women Workers in the Unorganized Sector*.
- Bhadra, Mita. 1999. *Girl Child in Indian Society*. Rawat Pub. Jaipur: New Delhi.
- Bhai, P. Nirmala. *Harijan Women in Independent India*; New Delhi: B.R. Publishing Corporation,
- Bhowmik, P.K. 1963 *The Lodhas of West Bengal*. Calcutta, Punthi Pustak
- Journal of the Indian Anthropological Society*, 42(2): 165-175.
- Adak D.K., A. Chattopadhyay and P. Bharati (eds.) 2009. *People of Contemporary West Bengal*, 354-362. Mohit Publications, New Delhi.
- Bose, N.K.1971. *Tribal Life in India*. New Delhi, National Book Trust.
- Chaudhuri, B. 1982. *Tribal Development in India: Problems and prospects*. New Delhi: Inter India, Publications.
- Danda, A.K. (ed.). 1978. *Tribal Women in India*. Calcutta.: Indian Anthropological Society.
- Imam Zafari (ed.) 1975 *Muslims in India*, New Delhi: Orient Longman.
- Hobel, E.A. 1949. *Man in the Primitive World*. NewYoork: McGrow-HillBook Company.
- Majumder, D.N. 1946. *Races and Cultures of India*. Allahbad: KItabistan.
- Majumder, D.N. 1958. *Caste and Communication in an IndianVillage*. BombayAsia Publishing House.
- Redfield, R. 1955. *The Little Community, View point for the Study of Human Whole*. Chicago: ChicagoUniversity Press.
- Redfield, R. 1956. *Peasant Society and Culture*. Chicago: ChicagoUniversity Press.
- Sachidananda and R.P. Sinha. 1984. *Women's Rights: Myth and Reality*. Jaipur.

Saikia, P.D. *Indian Rural Women: A Study on role and Status of Rural Women in Assam*.  
 Siddiqui M.K.A. 1984 *Educating a Backward Minority*, Calcutta: Abdei Publications.  
 Singh, K.S. 1985. *Tribal Society in India*. New Delhi, Manohar.  
 Singh, K.S. 1972. *Tribal Situation in India*. Simla, Indian Institute of Advance Study.  
 Srinivas, M.N. *Caste in Modern India and other Essays*. Bombay: Asia Publishing House.  
 Sohab, S.M. 1977 *Rural Development, Planning and Reform*, New Delhi: Abhinav Publications,  
 Vidyarthi, L.P. and B.K. Rai 1985. *The tribal culture of India*. New Delhi: Concept Publ. Company.

## Module SCANTHD6B: Weaker Sections in Indian Populations-II

1. Religious minorities of Indian population: Socio-economic and political situation of the religious minorities.
2. Impact of Buddhism, Jainism, Islam and Christianity on India society.
3. Linguistic and religious minorities and their social, political and economic status.
4. Women in Indian society: Women as social and cultural entities; role, status and position; and authority of women in tribal and so-called modern societies. Exploitation and violence against women. Empowerment, equality and women's movement with special reference to India.

## Reading List

A. Bhumali and S.A. Kumar (eds.), 2007. *Women in the Face of Globalisation*. Serials Publications, New Delhi.

Ahmed Aziz. 1964 *Studies in Islamic Culture in the Indian Environment*. Clerenden Press.

Ahmed Intiaz. 1976 *Oxford: Caste and Social Stratification Among Muslims in India*, New Delhi: Monohar Publications.

Ahuja, Ram. 1999. *Indian Social System*. New Delhi: Rawat.

Ahuja, Ram. 1999. *Society in India*. New Delhi: Rawat.

Ahuja, Ram. 1999. *Violence against Women*. Jaipur: Rawat Pub.

Banerjee, Nirmala: *Women Workers in the Unorganized Sector*.

Bhadra, Mita. 1999. *Girl Child in Indian Society*. Rawat Pub. Jaipur: New Delhi.

Bhai, P. Nirmala. *Harijan Women in Independent India*; New Delhi: B.R. Publishing Corporation,

Bhowmik, P.K. 1963 *The Lodhas of West Bengal*. Calcutta, Punthi Pustak.

Biswas, S.K. and S. Bhattacharjee, 2009. Depletion of Resources and Violence against Women: An Anthropological Observation, in A.K. Singh, S.P. Singh and S.P. Pandey (eds.) *Domestic Violence Against Women in India*, 400-418. Serials Publications, New Delhi.

Bose, N.K. 1971. *Tribal Life in India*. New Delhi, National Book Trust.

Chaudhuri, B. 1982. *Tribal Development in India: Problems and prospects*. New Delhi: InterIndia, Publications.

Danda, A.K. (ed.). 1978. *Tribal Women in India*. Calcutta.: Indian Anthropological Society.

Evelyn, S.K. 1975. *Women: An anthropological view*. New York: Hold Rainhart and Winston.

Freid, E. 1975. *Women and Men: Anthropologists View*. New York: HRW.

Hobel, E.A. 1949. *Man in the Primitive World*. New York: McGraw-Hill Book Company.

Imam Zafari (ed.) 1975 *Muslims in India*, New Delhi: Orient Longman.

*Indian Journal of Development Research and Social Action*, 2008, 4(1-2): 99-109.

*Indian Journal of Human Rights and the Law*, 2007, 4(1-2): 1-26.

*Jainism, Christianity and Islam*.

*Journal of the Anthropological Survey of India*, 2011, 60(2): 309 – 320.

- Kidwai and M.H. Seikh: *Women under different Social and Religious Laws: Buddhism*, Majumder, D.N. 1946. *Races and Cultures of India*. Allahbad: KItabistan.
- Majumder, D.N. 1958. *Caste and Communication in an Indian Village*. BombayAsia Publishing House
- Mondal Sekh Rahim, 1994 *Dynamics of Muslim Society*,, New Delhi.: Inter India Publications.
- Mondal Sekh Rahim, 1994 *Muslims of Siliguri*: New Delhi.: Institute of Objective Studies.
- Quinn, N. 1977. Anthropological Studies on Women's Status. *Annual Review of Anthropology, Vol. 6*.
- Redfield, R. 1955. *The Little Community, View point for the Study of Human Whole*. Chicago: ChicagoUniversity Press.
- Redfield, R. 1956. *Peasant Society and Culture*. Chicago: ChicagoUniversity Press.
- Sachidananda and R.P. Sinha. 1984. *Women's Rights: Myth and Reality*. Jaipur.
- Saikia, P.D. *Indian Rural Women: A Study on role and Status of Rural Women in Assam*.
- Siddiqui M.K.A. 1984 *Educating a Backward Minority*, Calcutta: Abdei Publications.
- Singh, A.K. S.P. Singh and D.S. Sutaria (eds.), 2010. *Gender Budgeting and Women Empowerment in India*, Serials Publications, New Delhi.
- Singh, A.K. Singh, A.P. Singh and P.A. Khan (eds.), 2012. *Trafficking in Women and Children in India Emerging Perspective Issues and Strategies*. Serials Publications, New Delhi.
- Singh, A.K., S.P. Singh, Nobert Koubek and O.P. Shukla (eds.), 2012. *Micro Financing and Women Empowerment Emerging Perspective, Issues and Strategies, Vol. II*: New Royal Book Company, Lucknow.
- Singh, A.P. and A.K. Singh and S.K. Biswas (eds.), 2013. *Care and Protection of Girl Children in India: Status, Emerging Issues, Challenges and Way Forward*. Bal Vikas Prakashan Pvt. Ltd., New Delhi.
- Singh, A.P., A.K. Singh and S.K. Biswas (eds.) 2013. *Care and Protection of Girl Children in India Status, Emerging Issues, Challenges and Way Forward*, 86 –96. Bal Vikas Prakashan Pvt. Ltd., New Delhi.
- Singh, K.S. 1972. *Tribal Situation in India*. Simla, Indian Institute of Advance Study.
- Singh, K.S. 1985. *Tribal Society in India*. New Delhi, Manohar.
- Sohab, S.M. 1977 *Rural Development, Planning and Reform*, New Delhi: Abhinav Publications.
- Somayajulu' U.V., C.P. Prakasam, N. Audinarayana and K.E. Vaidyanathan (eds.) 2011. *Health, Poverty and Human Development Perspectives and Issues*, 201-215. Global Research Publications, New Delhi.
- South Asian Journal of Human Rights (SAJHR), Special Issue: Poverty and Human Rights of Women, 2005*, 1(1-2): 141-157.
- Srinivas, M.N. *Caste in Modern India and other Essays*. Bombay: Asia Publishing House.
- Vidyarthi, L.P. and B.K. Rai 1985. *The tribal culture of India*. New Delhi: Concept Publ. Company.
- Zehol, L.T.V. 1998. *Women in Naga Society*. New Delhi: Regency.

**COURSE:DSE-7:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-7SocialCulturalAnthropology**

**Credit:2(Marks= 50)**

**ModuleSCANTH D7A:Conceptsofcultureandcivilization**

1. Little Community, Folk Society, Peasant Society. 2. Folk Urban Continuum, Little and Great Tradition. 3. R. Redfield and A.L. Kroeber model on Civilisation. P.G. Syllabus in Anthropology under CBCS Page 42 Module SCANTH 18: Indian Culture and Civilisation
1. Concept of Tribe-Caste Continuum: F.G. Baily, Surajit Sinha, Martin Orans and N.K. Bose. 2. Culture Role of Traditional City: Milton Singer
3. Study on Sacred Complex: L.P. Vidyarthi
4. Study on Network and Centres in the Integration of Indian Civilisation: B. S. Cohn and Mackim Marriott
5. Unity and Diversities in Indian Civilization: N.K. Bose

**ReadingList:**

- Bose N.K. 1975 The Structure of Hindu Society, New Delhi: Orient Longman Limited.  
Kroeber A. 1957 Style and Civilisation, Ithaca: Cornell University  
Redfield, R. 1941 The Folk Culture of Yukatan, Chicago, Chicago University Press  
Redfield, R. 1953 Primitive World and its Transformation, New York Redfield,  
R. 1955 The Little Community: View Point for the Study of Human Whole, Chicago: Chicago University Press  
Singer, M. 1972 When a Great Tradition Modernises, Chicago: Chicago University Press.  
Singer, M. 1975 Traditional India: Structure and Change, Chicago: Chicago University Press, Vidyarthi,  
L.P. 1961 Sacred Complex in Hindu Gaya, Bombay: Asia  
Publishing House Vidyarthi, L.P. 1963 The Malar: Nature-Man-  
Spirit Complex in a Hill Tribe of Bihar, Calcutta:  
Bookland Private Limited.

**Module SCANTH D7B: Concept and Approaches of Social and Cultural Dynamics in India**

1. Sanskritization, Westernization, Universalization, Parochialization, Modernization, Little and Great Tradition.
2. Dominant Caste, Dominant Communities, Multiple Tradition,
3. Unity and Extension of Indian Villages, Rural Cosmopolitan, Cognitive Historical Approach.
4. Theories of Structural Changes: Class and Class conflict: Karl Marx
5. Dialectical Approach: Dialectical Materialism: Karl Marx
6. Application of both the theories in Indian Context.

**ReadingList:**

- Marriott, McKim 1955 Village India; Chicago: Chicago University Press.  
Singh Yogendra 1973 Modernisation of Indian Tradition, New Delhi: Thomson Press (India) Limited. Singh Yogendra 1975 Essays on Modernisation in India, New Delhi: Monohar Book Service.  
Singh Yogendra 1993 Social Change in India: Crisis and Resilience, New Delhi: Har-Anand PVT. LTD, Sinha, S. 1965 Tribe-Caste Continuum, Man in India, Vol. 45, No. 1  
Srinivas M.N. 1952 Religion and Society among Coorgs of South India, Bombay: Asia Publishing House.  
Srinivas M. N. 1962 Caste in Modern India and other Essays, Bombay: Asia Publishing House

**COURSE: DSE-8: Total Marks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE: DSE-8 Social Cultural Anthropology**

**Credit: 2 (Marks= 50)**

**Module SCANTH D8A: Theoretical concepts of Medical Anthropology**

1. Definition, Scope, Division, Dimension.
2. Concept of Health, Disease, Treatment and health seeking behavior.
3. Sickness, Disease and Illness.
4. Epidemiology and Community Medicine.
5. Review on different medical anthropological studies.

## **Module SCANTH D8B: Approaches of Medical Anthropology**

1. Bio-cultural approach
2. Archaeological approach
3. Culture ecological approach
4. Ethnomedical approach
5. Applied approach

## **Module SCANTH D8C: Advanced Medical Anthropology**

1. Case Studies in explanatory Models.
2. Critical Medical Anthropology.
3. Cultural, Structural and Environmental Factors.
4. Healers in Cross-Cultural Perspectives.

### **Reading List:**

- Carstairs G. M. 1955 *Medicine and Faith in Rural Rajasthan* In *Health, Culture and Community*, edited by B. D. Paul, New York: Russel Sage Foundation.
- Channa, S.M. (Ed.) 1998 *Medical Anthropology Health, Healers*, New Delhi: Cosmo Publications.
- Chaudhuri, B. 1986 *Tribal Health: Socio-Cultural Dimensions*, New Delhi: Inter India Publications.
- Chaudhuri, B. 1989 *Social Science, Health and Culture: The Tribal Situation*, *Social Action*, 39 (3), 1989, pp 243-53.
- Chaudhuri, B. 1990 *Culture and Environmental Dimensions on Health*, New Delhi: Inter India Publication.
- Chaudhuri, B. 2003 *Health, Forest and Development: The Tribal Situation*, New Delhi: Inter India Publication.
- Hahn, Robert A. 1995 *Sickness and Healing: An Anthropological Perspective*. New Haven, CT: Yale University Press.
- Lewis, Oscar 1959 *Medicine and Politics in Mexican Village* In *Health, Culture and Community*, edited by B. D. Paul New York: Rossel Sage Foundation pp: 403-434.
- Marriott, Mackim 1955 *Western Medicine in the Village of North India*, *Health Culture and Community*, edited by B.D. Paul, New York: Rossel Sage Foundation, pp: 239-268.
- Nichter, M, 1992 - *The Layperson's Perception of Medicine as Perspective into the Utilization of Multiple Therapy System in the Indian Context.* *Social Science and Medicine* 148: 225-233.
- Singh, B. and N. Mahanti 1995 *Tribal Health in India*, New Delhi: Inter India Publications,

## **Module SCANTH D8D: Applied Medical Anthropology:**

1. Culture and Nutrition
2. Concept and approaches.
3. Mother and Child.
4. Indigenous and disadvantaged Populations.

## **Module SCANTH D8E: Indigenous Health**

1. Indian Perspective.
2. World Perspective.

## **Module SCANTH D8F: Healthcare Programmes and Services in India**

1. Review of Health Policies.
2. Nutritional Feeding Programme (Rural and Backward areas).
3. Population Control Programme (Rural and Backward areas).
4. National Drinking Water

Mission(Rural and Backward areas). 5. Total Sanitation Programme (Rural and Backward areas). 6.Immunization Programme (Rural and Backward areas). 7. Institutional Delivery Programme. 8.ContemporaryProgramme and Services.9. Swatch Bharat

**ReadingList:**

Chaudhuri,B.1990CultureandEnvironmentalDimensionsonHealth,NewDelhi:InterIndiaPublication.  
Chaudhuri,B.2003Health,ForestandDevelopment:TheTribalSituation,NewDelhi:InterIndiaPublic  
ation.

**COURSE:DSE-9:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-9SocialCulturalAnthropology**

**Credit: 2 (Marks= 50)**

**ModuleSCANTHD9A: Ecological Anthropology**

1. Meaning,concept,definitionofecology,cultural/social ecology.Aimsandscopesandrelevancesof EcologicalAnthropology.
2. Ecosystem,ethno-ecology,populationecology,human ecological niche. Variety of human ecosystem. Contribution of Wissler, Steward, Forde,Barth.
3. Ecology, nature and culture. Relation between ecology and society/communities, foodresources,nutrition,health.IndigenousKnowledgeSystem(IKS)andIndigenouswaysofconservingandmaintainingnaturalresources,ecosystemaswellecologicalbalance.
4. Contemporary environmental issues: Deforestation, etc. and ecological imbalance and debates inHimalayasandadjacentregions

**ReadingList**

Beteille, Andre 1983: *The Idea of Natural Inequality and Other Essays*. Delhi: Oxford  
Cohen, Yehudi A. 1968. *Man in adaptation; the cultural present*. Chicago: Aldine Pub. Co.  
Descola, Philippe, and Gisli Palsson. 1996. *Nature and society: anthropological perspectives*.  
London: Routledge.  
Gadgil, M. &R.Guha, 2007, *The Use and Abuse of Nature*. New Delhi: Oxford University Press.  
Gerasimov, I.P. et.al. 1975. *Man Society and the Environment*. Moscow: Progress Publishers.  
Guha, R. 2006, *Social Ecology*. New Delhi: Oxford University Press.  
Guha, Ramachandra. 1990. *The unquiet woods: ecological change and peasant resistance in the  
Himalaya*. Berkeley: University of California Press.  
Guha, Ramachandra. 2003. *Social ecology*. Oxford in India readings in sociology and social  
anthropology. Delhi [u.a.]: Oxford University Press.  
Jha, V. C. (ed.) 2003, *Land Degradation and Desertification*. Jaipur: Rawat Publications.  
Joshi, M.V. 2004, *Environmental Disaster: Causes, Impact and Remedies*. Delhi: Adhyayan  
Publishers & Distributers.  
Jullian Steward. *Theory of culture change*. Hartcourt Brace College Pub. London.

Shiva, Vandana. 2009. Staying alive. [S.I.]: Zed Books Ltd.University Press

## **Module SCANTH D9B: Action Anthropology and Practicing Anthropology**

1. Action Anthropology and Sol Tax; Participant intervention vs. Action Anthropology approaches; other aspects; international development and community development; Different Perspectives, dimensions and theories of development; Applied anthropology; The Anthropology Critique of Development Anthropology; Diffusion, Innovation and Sustainability; Participatory Research Procedures and Paradigms; Rapid Assessment Procedures, RRA in contemporary perspectives. 2. Development and Ethics: Aspects and Development of Practicing Anthropology; The rights and obligations of anthropologists toward their subjects and clients 3. Business Anthropology and Social Marketing: Intercultural Training; Business and Organisational aspects of Anthropology

### **Reading List**

Epstein, A.L. (ed.) 1967: *The Craft of Social Anthropology*, London: Partel Tavistock Publication. Evans-Pritchard, E.E. 1951: *Social Anthropology*. London: Cohen and West.  
Goode, W.J. and Hatt, P. 1952: *Methods in Social Research*, New York: McGraw Hill.  
Lindzey, G. (ed.) 1976: *Handbook of Social Psychology*, Vol. I & II, Addison-Wesley.  
Pelto Perti, J. Pelto, Getel, H.: *Anthropological Research: The Structure of Inquiry*. Radcliffe-Brown, A.R. 1958: *Methods in Social Anthropology* (ed. By M.N. Srinivas); Bombay: Asia Publishing House.  
Sinha, S.C. (ed.) 1978: *Field studies on the people of India*; Calcutta: Indian Anthropological Society.  
Young, P.V. 1966: *Scientific Social Surveys and Research*, New Delhi: Prentice Hall of India Pvt. Ltd.

**COURSE: DSE-10: Total Marks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE: DSE-10 Social Cultural Anthropology Credit: 2 (Marks= 50)**

## **Module SCANTH D10A: Emerging Medical Anthropology**

1. Clinical medical anthropology, Health Services and role of anthropology; HIV/AIDS, TB, Sexual and Reproductive Health; Roles of International and National Health Organisations, NGOs.
2. Anthropology and Social Work in the perspective of Cultural Dimensions on Health: Crime, Trafficking, 'Sex Work', Women, Gender, Transgender, Labour, Refugee, Environment; Gerontology and Anthropology.
3. Queer Anthropology: Concept and Consequences, World and Indian Perspective.

### **Reading List**

Dave, Naisargi, 2012. *Queer Activism in India: A Story in the Anthropology of Ethics*, Durham: Duke University Press.



Feldman, Douglas A. (ed.) (2008), *AIDS, Culture, and Africa*, Gainesville, F.L. University Press of Florida.

Foucault, Michel, 1978. *The History of Sexuality, Vol. 1: An Introduction*, New York: Vintage Books.

Michel J. (2008). *Physiology of Exercise and Healthy Aging*, Human Kinetics.

Kulick, Don (1998). *Travesti: Sex, Gender and Culture among Brazilian Transgendered Prostitutes*. Chicago: University of Chicago Press.

Scheidt, Rick J.; Schwarz, Benjamin (2013), *Environmental Gerontology, What Now?*. New York: Routledge

### **Module D10B Globalisation**

1. Basic Concepts: Definition, Nature, Diffusion to Globalisation, The Predicament in Anthropology.
2. Effects of Globalisation: On Physical, Social-Cultural Anthropology, Economic Anthropology, Field Studies, Language, Dalit and Indigenous Population in India.
3. Emerging Issues: Intellectual Property Rights, Patent Act, World Trade Organisation.
4. Globalisation and Social Transformation in India.

### **Module D10C Development in Indian Context**

1. Perspectives on Development
2. Development: Economic and Social Dimensions
3. Gender Development
4. Sustainable Development: Definition, Concept, Dimensions in Indian Context

### **Reading List:**

Epstein, A. L. (ed.) 1967: *The Craft of Social Anthropology*, London: Part I Tavistock Publication. Evans-Pritchard, E. E. 1951: *Social Anthropology*. London: Cohen and West.

Goode, W. J. and Hatt, P. 1952: *Methods in Social Research*, New York: McGraw Hill.

Lindzey, G. (ed.) 1976: *Handbook of Social Psychology, Vol. I & II*, Addison-Wesley.

Pelto, J. Pelto, Getel, H.: *Anthropological Research: The Structure of Inquiry*. Radcliffe-Brown, A. R. 1958: *Methods in Social Anthropology* (ed. By M. N. Srinivas); Bombay: Asia Publishing House.

Sinha, S. C. (ed.) 1978: *Field studies on the people of India*; Calcutta: Indian Anthropological Society.

Young, P. V. 1966: *Scientific Social Surveys and Research*, New Delhi: Prentice Hall of India Pvt. Ltd.

## Discipline Specific Elective (DSE)

### GROUP-B

**COURSE:DSE-5:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-5 *Physical Anthropology***

**Credit: 2 (Marks=**

#### **50)ModulePHYANTHD5A:Cell Biologyand Inborn ErrorsofMetabolism**

1. CellBiology:cellcycle,structureofDNA,RNAandprotein
2. Repeatative,non-repeatativeandsatelliteDNA; euchromatinandheterochromatin
3. BiologicalsignificanceofDNA;proteinsynthesis-translation,transcription,centraldogma
4. mtDNA:structure,function,useinPhysicalAnthropology
5. RFLP
6. Humangenome
7. Onegeneoneenzyme hypothesis, Ingram's hypothesis
8. Biochemicalpathways andheredity:Phenylketonuria,alkaptonuria and albinism

#### **ModulePHYANTHD5B:HumanReproductiveBiology andAppliedHumanGenetics**

1. Humanreproduction:hormonesrelatedto growthandreproduction
2. Pituitarycycle
3. Ovulation,menstrual cycle,menarcheand menopause
4. Wolffianduct:structuralorganisationandfunction
5. Mullerianductstructuralorganisationandfunction;evolutionofMullerianductandadaptationsfor pregnancy
6. Geneticcounseling:single-genedisorder,complexdisorderandthepotentialeffectofgeneticcounseling.
7. Geneticsscreening

#### **ReadingList:**

StrickbergerMW.2005.*Genetics*.NewDelhi:Prentice-HallofIndiaPvt. Ltd.

Klug WS, Cummings MR. 2000. *Concept of Genetics*.New Delhi: Prentice-Hall

IndiaGardnerEJ,SimmonsMJ,SnustadDP.2006.*PrinciplesofGenetics*. NewYrok:JohnWiley.

VogelF,MotulskyAG.1986.*HumanGenetics:ProblemsandApproaches*.NewYork.

Springer-Verlag.

Chatterjee,C.C.1997, HumanPhysiology,Calentta; MedicalAlliedAgency

Thompson,J.S.andThompson,M.W.1968,*GeneticsinMedicine*,Philadelphia:W.B.Saunders.

**COURSE:DSE-6:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-6 *Physical Anthropology***

**Credit: 2 (Marks=**

**50)ModulePHYANTHD6A:Forensic Anthropology**

1. Brief history, development and scope of forensic Anthropology
2. Personal identification: dermatoglyphics and blood
3. Sex differences in skull and pelvis; estimation of stature from long bones and from foot and hand dimensions.
4. Age estimation using sutures, radiological age
5. Hair: ABO blood group determination from blood stain
6. Role of trace elements in forensic anthropology
7. Palaeopathology, trauma and taphonomy

**ModulePHYANTHD6B:Epidemiology of Disease**

1. Introduction to epidemiology-  
Definition, Descriptive and analytic epidemiology, Uses of epidemiology
2. Concepts of disease occurrence
3. Public health surveillance- Purpose and characteristics of Public health surveillance
4. Prevention and control of infectious, chronic diseases and HIV/AIDS
5. Understanding etiology of a disease; determining change in trend over time; Measurements of health
6. Epidemic investigation and management

**Reading List:**

Byers SN. 2007. *Introduction to Forensic Anthropology*. New York: Allyn and Bacon.

Jurmain R, Nelson H, Kilgore L, Trevathan W. 1999. *Introduction to Physical Anthropology*. Belmont: Wadsworth.

Klepinger LL. 2006. *Fundamentals of Forensic Anthropology*. New York: Wiley-Liss.

Pickering R. 1996. *Use of Forensic Anthropology*. Boca Raton: CC Press.

Poddar S, Bhagat A. 1987. *Handbook of Osteology*. Patna: Scientific Book Co.

Remington PL, Brownson RC, and Wegner MV. (2010). *Chronic Disease Epidemiology and Control*. American Public Health Association.

Lee LM. (2010). *Principles and Practice of Public Health Surveillance*. Oxford University Press

Turnock B. (2011). *Essentials of Public Health*. Jones & Bartlett Publishers

Merson M, Black RE, Mills A. (2006). *International Public Health: Diseases, Programs, Systems and Policies*. Jones & Bartlett Learning.

Aschengrau

A and Seage GR. (2008). *Essentials of Epidemiology in Public Health*. Boston, Massachusetts.

**COURSE:DSE-7:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-7 *Physical Anthropology***

**Credit:2(Marks= 50)**

**ModulePHYANTHD7A:Human Ecologyandadaptation**

1. Concepts in Ecology: Definition, ecosensitivity adaptation, acclimation,acclimatization,biotic and abiotic component.
2. Methodsofstudyinghumanecology.
3. Adaptationtovarious ecologicalstresses;heat, cold,highaltitude.
4. Ecologicalrules andtheir applicabilityto human populations.
5. Physicalenvironment:thepotentialstressors,thenutritionalstress,infections,diseases,moderni zationand human biological responses
6. Theutilityofanthropologyinstudyingethnicityandhealth
7. Ethnic factors in health and disease, ethnic differences in the prevalence of common diseasesof complex aetiology: coronary heart disease (CHD), non-insulin dependent diabetes mellitus(NIDDM)and hypertension(HT); reproductivehealthand ethnicdifferences.

**ModulePHYANTHD7B:BiologicaldiversityinHumanpopulation**

1. Concept of Biological Variability; Race; Hardy-Weinberg Law; Sources of Genetic Variation;GeneticPolymorphism(Serological,BiochemicalandDNAMarkers);HumanAdapt ability
2. –AdaptiveMechanismsdeterminingthetypesofadaptation.
3. A critical appraisal of contribution of Risley, Guha, and Sarkar towards understanding ethnicelements in theIndian populations.
4. PreandProtohistoricracialelements inIndia. Linguisticclassificationof Indianpopulation.
5. Role of Bio-culturalFactors- CulturalBiology;Bio-culturalfactorsinfluencingthediseasesandnutritional status. Evolution of Human diet, biological perspectives of ageingprocessamongdifferent populations.

**Readinglist:**

- HarrisonGA, WeinerJS, TannerJM, BarnicotNA. 1964. HumanBiology:anIntroductiontoHumanEvo lution, Variation andGrowth. London:Oxford UniversityPress.
- MariebEN. 2006. Human AnatomyandPhysiology. Delhi:PearsonEducation.
- MoranEF. 2007. HumanAdaptabilityanIntroductiontoEcologicalAnthropology. Colorado:Westview Press.
- Humanecology:bioculturaladaptationinhumancommunities.(2006)Schutkowski,H.Berlin. SpringerVerlag.
- Human ecology and cognitive style: comparative studies in cultural and physicaladaptation.(1976).Berry,J.B. New York: JohnWiley.
- Humanecology.(1964) Stapledon.Faber&Faber.
- StudiesinHumanEcology.(1961)Theodorson,G.A.Row,Peterson&CompanyElmsford,NewYork.
- Humanecology:(1973)ProblemsandSolutions.PaulR.Ehrlich,AnneH.EhrlichandJohnP.Holdress, W.H.Freeman&Company, San Francisco.
- BakerP.T.andJ.S.Weiner(ed.)(1996)TheBiologyofHumanAdaptability.Oxford&NewYork,Oxford

University Press.

Bhende A. and T. Kantikar (2006) Principles of Population Studies. Himalayan Publishing House, Mumbai

Bogin B. (1999). Pattern of Human Growth. 2nd edition CUP.

Cameron Noeland Barry Bogin (2012) Human Growth and development. Second edition, Academic Press Elsevier.

Eckhardt R. B. (1979) The Study of Human Evolution. McGrand Hill Book Company, USA.

Frisancho R. (1993) Human Adaptation and Accommodation. University of Michigan

press Harrison G. A., Tanner, J. M., Pilbeam, D. R., Baker, P. T. (1988) Human Biology. Oxford University Press.

**COURSE: DSE-8: Total Marks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE: DSE-8 Physical Anthropology**

**Credit: 2 (Marks= 50)**

**Module PHYANTHD8A: Mating Patterns**

1. Mating and Marriage pattern
2. Random and Assortative mating (Positive and Negative Assortative mating)
3. Genetic aspects of consanguineous marriage and Inbreeding, Coefficient of Inbreeding
4. Homogamy and Isogamy.

**Module PHYANTHD8B: Hardy-Weinberg Law and Population Structure**

1. Principles of Genetic equilibrium - Hardy Weinberg equilibrium, Application of Hardy-Weinberg equilibrium.
2. Various methods in studying Population Structure - the Island model, isolation by distance model, Stepping Stone model.
3. Genetic distance: Sanghvi's  $G^2$  distance, Edward's  $D^2$  distance, Nei's genetic distance
4. Display methods - Cluster analysis, Dendrogram

**Reading List:**

Barua Saumitra 2002. *Human Genetics: An Anthropological Perspective*. Kolkata: Classique Cavali-Sforza L and Bodmer WF 1971. *The Genetics of Human Population*. San Francisco: WH Freeman & Co.

Falconer, D. S. 1981, *Introduction to Quantitative Genetics*, New York: Longman.

Gardner Eldon John, Simmons Michale J and Snustad DP 1991. *Principles of Genetics*. New York: John Wiley & Sons.

Stern Curt 1973. *Principles of Human Genetics*. San Francisco: WH Freeman. Strickberger Monroe W 2003. *Genetics*. New Delhi: Prentice Hall.

**COURSE:DSE-9:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

***COURSE:DSE-9PhysicalAnthropology(Practical)***

**Credit: 2 (Marks=**

**50)ModulePRPHYANTHD9A: Osteology andOsteometry**

1. Identificationofbonesincludingsidedetermination:frontal,parietal,temporal,occipital,mandible, scapula, humerus, femur, tibia
2. Sex identificationinpelvis.
3. Scapula: maximum length, maximum breadth, length and breadth of gleniod fossa; Humerus:maximum length,maximumdiameter inmiddle;minimumdiameter,girthinmid-shaft;Femur: maximum length, sagittal diameter of mid-shaft, transverse diameter of mid-shaft,girthof mid-shaft.

**ModulePRPHYANTHD9B:Craniometry,SomatometryandBodycomposition**

1. Craniometricmeasurementsusingcraniogram:maximumcraniallength,glabella-inionlength, nasion-inion length, frontal chord, parietal chord, occipital chord, metopic angle,alveolarprofile angle,facial profileangle,nasal profileangle
2. Somatometric measurements and indices: definition, landmarks, instruments, measurementsandclassification (whereapplicable):
  1. Measurements: height vertex; height tragus, height acromion; height radiale; height stylion;height dactylion; arm span; sitting height vertex; sitting height acromion; sitting knee height;biacromial breadth; waist breadth; hip breadth; total arm length; length of upper arm; lengthof forearm; hand length; hand breadth; length of foot; breadth of foot; neck girth; tricepskinfold;biceps skinfold
  2. Indices:relativespanindex;relativesittingheightindex;relativetrunkindex;relativebiacromial index; bodymass index
  3. Bio-electrical ImpedanceAnalysisstoassessbodycomposition.
  4. Laboratorynote bookand viva-voce.

**COURSE:DSE-10:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

***COURSE:DSE-10PhysicalAnthropology(Practical)***

**Credit: 2 (Marks=**

**50)ModulePRPHYANTHD10A:Dermatoglyphics**

1. Dermatoglyphics: Finger dermatoglyphics:identification of finger pattern types: calculationof pattern intensity, Furuhashi's, Dankmeijer's indices; total finger ridge count; absolute fingerridge count.

2. Palmerdermatoglyphics:mainlineformula,terminationofmainlines;*atdangle*.

### **Module PRPHYANTHD10B: Blood Sugar, Hair and Genetics**

1. Determination of blood sugar
2. Blood pressure: measuring systolic and diastolic blood pressure with classification.
3. Tasteability to PTC: preparation of PTC solution, identification of taster and non-taster; threshold values.
4. Hair analysis: presence of medulla and diameter
5. ABO blood group determination: moist chamber method and cell suspension method
6. Laboratory note book and viva-voce

**ABILITY ENHANCEMENT COURSE (AEC):**                      **Marks= 50 (Theory-42; Internal-8), Credit:2**

Choose from Basket -3

**COURSE:GE-1: Total Marks= 100 (Theory-75; Internal-25) and Credits= 4**

**COURSE:GE-1 *Fundamentals Anthropology-I*                      Credit: 4 (Marks=**

**100) Module PHYANTHG1A: Introduction to Biological Anthropology**

1. History, development, aim and scope of Biological Anthropology, relationship with other sciences.
2. History and development of understanding human variation and evolutionary thought. Theories of evolution.
3. Human variation and evolution in ancient times pre-19th and post-19th Century.
4. Non-human primates in relation to human evolution- Comparative anatomy and behaviour of human and non-human primates, Significance of non-human primate study in Biological Anthropology.
5. Criteria for human classification; Skin colour, hair, eye, nose, head and dermatoglyphics
6. Distribution and characteristics of three primary races of mankind: Caucasoid, Negroid, Mongoloid
7. Racial classification and contemporary groups of man: Danikar's, Dixon's, Haddon's, Hooton's and Eickstedt's classification
8. Ethnic elements in Indian population: Risley's, Guha's and Sarkar's classification
9. Negritoracial element
10. UNESCO Statement on Race.



### **ReadingsList**

- Jurmain R., Kilgore L., Trevathan W., Ciochon R.L. (2012). Introduction to Physical Anthropology. Wadsworth Publ., USA
- Krober A. L. (1948). Anthropology. Oxford & IBH Publishing Co., New Delhi.
- Stanford C., Allen J.S. and Anton S.C. (2010). Exploring Biological Anthropology. The Essentials. Prentice Hall Publ, USA.
- Statement on Race: Annotated Elaboration and Exposition of the Four Statements on Race (1972). Issued by UNESCO. Oxford University Press.

### **Module SOCANTHG1B: Introduction to Social Cultural Anthropology**

1. Anthropological perspective and orientation; Scope and relevance of Social Anthropology; Relationship of Social Anthropology with other disciplines.
2. Social fact; social action; social conflict; social system
3. Linguistic Anthropology: Language and culture, language and ethnicity, and language and identity
4. Approaches to the study of peasants – economic, political and cultural.
5. Ethnicity Issues: Tribal and peasant, movements; Identity issues
6. Caste system and changes.

### **ReadingsList**

- Beattie J. (1964). Other Cultures. London: Cohen & West Limited.
- Bernard H.R. (1940). Research Methods in Cultural Anthropology. Newbury Park: Sage Publications.
- Davis K. (1981). Human Society. New Delhi: Surjeet Publications.
- Delaney C. (2004). 'Orientation and disorientation' In Investigating Culture: An Experiential Introduction to Anthropology. Wiley-Blackwell.
- Ember C. R. et al. (2011). Anthropology. New Delhi: Dorling Kindersley
- Walker, A. (1986). The Todas. Delhi: Hindustan Publishing Corporation
- Elwin, Verrier (1992). The Muria and their Ghotul. Oxford University Press.
- Malinowski, B. (1922). Argonauts of the Western Pacific. London: Routledge and Kegan Paul Ltd.
- Furer-Haimendorf, C.V. (1939). The Naked Nagas. London: Methuen and Co.
- Evans-Pritchard, E.E. (1940). The Nuer: A Description of the Modes of Livelihood and Political Institutions of a Nilotic People. Oxford: Clarendon Press.
- Majumdar, D.N. (1950). Affairs of tribes. Lucknow: Universal Publishers Ltd.

**COURSE:GE-2:TotalMarks= 100 (Theory-75; Internal-25) and Credits= 4**

**COURSE:GE-2FundamentalsAnthropology-II Credit: 4 (Marks=**

**100)ModulePHYANTHG2A:Human growth and development**

1. Principlesofhumangrowthanddevelopment-  
Conceptsofhumangrowth,PrenatalandPostnatalGrowth, Growth Curvesof Different Tissuesand  
Different Partsofthe Body
2. Methodsand influencingfactors ofgrowth-GrowthGradients
3. CycleofMalnutrition,Lowbirthweight
4. Factors affectingmenarcheandmenopause
5. Assessmentof nutritional status-Adults and child
6. Growthstandardsandreferences:NCHS,CDCandWHO-MRGS
7. Senescenceand aging: theoriesofaging;effectsofaging

**ReadingList:**

- BoginBarry1999. *Patterns ofHuman Growth*. Cambridge: CambridgeUniversityPress.
- CarterJELindseyandHeathBarbaraHoneyman2005.*Somatotyping:DevelopmentandApplication*. Cam  
bridge:CambridgeUniversityPress.
- Carter JEL1980.*The Heath-CarterSomatotypeMethod3<sup>rd</sup>edition*.San  
Diego:SanDiegoStateUniversitySyllabusService.
- JurmainRobert,NelsonHarry,KilgoreLynnandTrevathanWenda2000.*EssentialsofPhysicalAnthropo  
logy*. Belmont:Wadsworth ThompsonLearning.
- Roche,A.F.1992,*Growth,MalnutritionandBodyComposition*,Cambridge:CambridgeUniversityPress.
- TannerJM1990.*FoetusintoMan:PhysicalGrowthfromConceptiontoMaturity*.Harvard:HarvardUniv  
ersityPress.
- Tanner,J.M.1962, *GrowthofAdolescence*,Oxford:Blackwell.
- Thompson, J. 1980, *OnGrowth and Form*, Cambridge: CambridgeUniversityPress.
- Ulijaszek, S.L. Johnston,F. E. andPreece, M.A.1998,*The CambridgeEncyclopediaof  
HumanGrowthand Development*, Cambridge: CambridgeUniversityPress.

**SOCANTHG2B:Tribal Development, Programmes and Schemes**

1. Indebtedness, bonded labour and forms of tribal exploitation, low literacy, unemployment,underemployment,healthandnutrition,roleofcooperativesandotherfinancialinstit  
utions.
2. Impactofindustrializationandurbanization.
3. Planning and Development: Education, house, health, roads and communication, agricultureetc.; Five Year Plans; CDP, SMPT Blocks, TD Blocks and Tribal Sub-Plans; IRDP, ITDP,TRIFED, LAMPS, other recent Government Plans, Policies and programmes, etc., forestpolicy; poverty alleviation programmes. Role of NGOs.Tribal leadership. Development anddisplacement.

#### 4. Role of anthropology in tribal and rural development.

##### Reading List

- Chaudhuri, B. (2003), *Health, Forest and Development: The Tribal Situation*. New Delhi: Inter-India Publications.
- Chaudhuri, B. 1982. *Tribal Development in India: Problems and prospects*. New Delhi: Inter India, Publications.
- De, S. 2005, *Participatory Forest Management and Democratic Decentralisation in India: Focus on The Pioneer State*. Siliguri: N.L. Publishers.
- E. Kolig, V. SM. Angeles and S. Wong (eds.) 2009. *Identity in Crossroad Civilisations*, Vol 8:97-114. Amsterdam University Press, Amsterdam.
- Fernandes, W. and Menon, G. 1987, *Tribal Women and Forest Economy: Deforestation and Status Change*. New Delhi: Indian Social Institute.
- International Journal of Human Development. (IJHDIS)*, 2014 (January –June), 7(1):31-51 [ISSN: 0974-3529].
- Journal of the Anthropological Survey of India*, 2011, 60(2): 309 – 320.
- Jugale V. B. (ed.) 2008. *Demography, Economic Inequality, Women and Other Essays*, 252-271. Serials Publications, New Delhi.
- Majumder, D.N. 1936. *A tribe in Transition: A study in Culture Pattern*. London: Longmans Green & Company.
- Malhotra, R. 1992. *Anthropology of Development*. New Delhi: Mittal Publications.
- Midya Dipak (ed.), 2012. *Indigenous People in India: Identity, Empowerment and Discontent*. APH Publishing Corporation, New Delhi.
- Office of the Commissioner for Scheduled Caste and Scheduled Tribes. *Handbook on Scheduled Caste and Scheduled Tribes (Paper-1)*
- Roy, S.C. 1915. *The Oraons of Chhotanagpur*. Ranchi, Man in India Office
- Sachidananda and Singh, K.S. 1985. *Tribal Society in India*. New Delhi, Manohar.
- Samel, S.H. (ed.), 2006. *Rights of Dalit*, 89-114. Serials Publications, New Delhi.
- Singh, K.S. 1972. *Tribal Situation in India*. Shimla, Indian Institute of Advance Study
- Vidyarthi, L.P. 1980. *Applied Anthropology and Development*. New Delhi: National Publication.
- Vidyarthi, L.P. 1980. *Applied Anthropology and Development*. New Delhi: National Publication.
- Vidyarthi, L.P. and B.K. Rai 1985. *The tribal culture of India*. New Delhi: Concept Publ. Company.

**M.Sc. Anthropology**  
**4<sup>th</sup> Semester**

**COURSE: ANTH-CT-401: Total Marks= 75 (Theory-50; Internal-25) and Credits= 3**

**COURSE: ANTH-CT-401A Physical Anthropology**

**Credit:1 (Marks=25)**

**Module PHYANTH1A4: Demography**

1. Definition and importance of demographic studies; sampling methods
2. Demographic methods: population census; NSSO; vital statistics or registration of vital events; population register.
3. Population theories of Malthus, Dumont and Sadler
4. Demographic transition
5. Fertility, fecundity and fertility rate
6. Mortality, morbidity
7. Migration: definition, causes and problems
8. Anthropological demography; palaeodemography.

**Reading List:**

Barclay George W 1958. *Techniques of Population Analysis*. New York: John Willey & Sons. Bogue DJ 1969. *Principles of Demography*. New York: John Willey & Sons.  
Car Saunders A.M 1992. *The Population Problem: A Study in Human Evolution*. Oxford: The Clarendon Press.  
Cox Peter R 1990. *Demography 5<sup>th</sup> edition*. New Delhi: Universal Book.  
Harrison, G. A. and Boyce, A. J. 1972, *The Structure of Human Population*, Oxford: Clarendon  
Kertzer D.I. and Fricke T. 1997. *Anthropological Demography: Toward a New Synthesis*. Chicago: The University of Chicago Press.  
Raj Hans 1978. *Fundamentals of Demography*. Delhi: Surjeet Publication.  
Swedlund, A.C. and Armelagos, G.T., 1976, *Demographic Anthropology*, Dubuque: W.C. Brown.

**COURSE: ANTH-CT-401B Physical Anthropology**

**Credit:1 (Marks=25)**

**Module PHYANTH1B4: Somatotyping**

1. Concept of Somatotype
2. Methods in the Assessment of Physique - Viola's Method, Kretschmer's Method, Sheldon's Method and Heath -Carter Method

**Module PHYANTH1C4: Human Nutrition**

1. Nutritive and caloric value of foods, role of vitamins and minerals in human nutrition vitamins A, B, C, D, P and K; minerals: iron, calcium and zinc.
2. Effects of toxic elements (lead, arsenic, mercury and cadmium) on humans.
- 3.
4. Assessment of nutritional status in man; anthropometric indicators, biochemical and trace element indicators of nutritional status.
5. Anaemia, iodine and zinc deficiency human populations.

**Reading List:**

- Eston, R. and Reilly, T. (Eds) 2001 Kinanthropometry and Exercise Physiology Laboratory Manual: Test, Procedures and Data. Volume 1: Anthropometry. Second edition, New York; Routledge press.
- Harrison, G. A., Tanner, J. M., Pilbeam, D. R. and Baker, P. T. 1964. Human Biology - An Introduction to Human Evolution, Growth and Adaptability. Third edition. New York; Oxford University Press.
- Malina, R. M., Bouchard, C. and Bar-Or, O. 2004. Growth, Maturation and Physical Activity. Second edition. Illinois; Human Kinetics.
- Carter, J. E. L. and Heath, B. H. Roll. 1990. Somatotyping, Development and Applications. Cambridge; Cambridge University Press.
- Marieb EN. 2006. Human Anatomy and Physiology. Delhi: Pearson Education.
- Rennert OM, Chan WY, Chan W (eds.). 1984. Metabolism of Trace Metals in Man: Genetic Implications. Boca Raton: CRC Press.
- Roche, A. F. 1992, Growth, Malnutrition and Body Composition, Cambridge: Cambridge University Press.
- Wardlaw GM, Insel PM. 1996. Perspectives in Nutrition. Boston: Mosby

**COURSE: ANTH-CT-402: Total Marks= 75 (Theory-50; Internal-25) and Credits= 3**

**COURSE: ANTH-CT-402A Social Cultural Anthropology Credit: 1 (Marks=25)**

**Module SCANTH 2A4: Basic Concepts of Urban Anthropology**

1. Definition, Scope, Attributes
2. Characteristic features
3. Process of Urbanisation
4. Reasons for Rural to Urban Migration

**Module SCANTH 2B4: Urbanisation in India** 1. Reinforcement of Traditional Culture 2. Characteristics of Pre-Industrial Cities 3. Rate of Urbanisation 4. Consequence of Structural and Cultural Change.

**Module SCANTH 2C4: Urbanisation and Industrialisation** 1. Emerging Issues. 2. Development of Industrial Cities. 3. Industrial worker's Migration. 4. Constraints of Industrial City Life.

**Module SCANTH 2D4: Urban Poor** 1. Culture of Poverty. 2. Study on Slum. 3. Study

onBeggars.

### **ReadingList:**

- BharwavaG.(Ed.)1981UrbanProblemsandPolicyPerspectives,NewDelhi:AbhinavPubl.  
Bose, A. 1974 India's Urbanisation, 1901-2001, New Delhi: Mittal Publications  
ChaudhuriS.1987Beggars ofKalighat,Calcutta:Anthropological Surveyof India, Calcutta  
ChaudhuriS.2008UrbanizationandIdentity:StudyonMegacitiesinIndia;NewDelhi:InterIndiaPublications,  
Desai,A.R.and S.D.Pillai1970Slums andUrbanisation,Bombay:Universityof Bombay  
GoreM. S. 1958 SocietyandBeggar, SociologicalBulletin, Vol.7 No.1  
Ross,A.1973 HinduFamilyin itsUrbanSetting,Delhi,Oxford UniversityPress  
RoyP.andShangonDasGupta1995UrbanisationandSlums,NewDelhi:Har-AnandPublications,  
SinhaS.C.(Ed.)1971CultureProfileofCalcutta, Calcutta:The IndianAnthropologicalSociety.

### **COURSE:ANTH-CT-402BSocialculturalAnthropology**

**Credit:1(Marks=25)**

### **ModuleSCANTH2E4: Tribal Development**

1. Classification and characteristics of tribal regions. Indian Tribes: Geographical distribution;racialandlinguisticclassification,economicavenues.
2. TribalPolicy:Colonialandpost-colonialpolicies.Constitutionalsafeguardsandprovisionsfor scheduled tribes-reservation;administrationofScheduledArea(FifthSchedule),andTribalAreas(SixthSchedule).
3. Strategies of Economic Development of Indian Tribes: Forest, forest policy, Acts and regulation;shifting cultivation, tribal agriculture- land holdings- land rights- land alienation, adoption ofmodern agricultural technology; allied economics- fishing and hunting; pastoralism; village andcottageindustries, tribalcrafts.

### **Reading List**

- Bulletin of the Cultural Research Institute,2007, XXIII (1): 28-33.*  
Chaudhuri, B. (2003), *Health, Forest and Development: The Tribal Situation*.New Delhi: Inter-India Publications.  
Chaudhuri, B. 1982. *Tribal Development in India: Problems and prospects*. New Delhi: Inter India, Publications.  
De, S. 2005, *Participatory Forest Management and Democratic Decentralisation in India: Focus on The Pioneer State*. Siliguri: N.L. Publishers.  
Fernandes, W. and Menon, G. 1987, *Tribal Women and Forest Economy: Deforestation and Status Change*.New Delhi: Indian Social Institute.

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- Jugale, V.B. and Y.V. Jugale (eds.) 2006. *The State of Indian Economy, Volume: I: Rethinking Globalization*: 200-214. Serials Publications, New Delhi.
- Kolig, E., V. SM. Angeles and S. Wong (eds.), 2009. *Identity in Crossroad Civilisations*, 8:97-114. Amsterdam University Press, Amsterdam.
- Majumder, D.N. 1936. *A tribe in Transition: A study in Culture Pattern*. London: Longmans Green & Company.
- Malhotra, R. 1992. *Anthropology of Development*. New Delhi: Mittal Publications.
- North Bengal Anthropologist*, 1(1): 1-9. Department of Anthropology, University of North Bengal, Darjeeling.
- Office of the Commissioner for Scheduled Caste and Scheduled Tribes. *Handbook on Scheduled Caste and Scheduled Tribes (Paper-I)*
- Roy, S.C. 1915. *The Oraons of Chhotanagpur*. Ranchi, Man in India Office.
- Sachidananda and Singh, K.S. 1985. *Tribal Society in India*. New Delhi, Manohar.
- Samel, S.H. (ed.), 2006. *Rights of Dalit*, 89-114. Serials Publications, New Delhi.
- Singh, K.S. 1972. *Tribal Situation in India*. Shimla: Indian Institute of Advance Study
- Somayajulu U.V., C.P. Prakasam, N. Audinarayana and K.E. Vaidyanathan (eds.), 2011. *Health, Poverty and Human Development Perspectives and Issues*, 201-215. Global Research Publications, New Delhi.
- Vidyarthi, L.P. 1980. *Applied Anthropology and Development*. New Delhi: National Publication.
- Vidyarthi, L.P. 1980. *Applied Anthropology and Development*. New Delhi: National Publication.
- Vidyarthi, L.P. and B.K. Rai 1985. *The tribal culture of India*. New Delhi: Concept Publ. Co.

**COURSE: ANTH-CD-403 Dissertation (Physical Anthropology/Social Cultural Anthropology) Credit:4 (Marks=100)**

**PRANTH3A4:** Collect empirical data (specifically Field based) on any topic and write a report for evaluation

## Discipline Specific Elective (DSE)

### GROUP- A

**COURSE:DSE-11:TotalMarks= 50 (Theory-40; Internal-10) and Credit= 2**

**COURSE:DSE-11SocialCulturalAnthropology Credit: 2 (Marks=**

#### **50)ModuleSCANTH D11A:DemographyandAnthropology:ConceptsandTheories**

1. DefinitionandConceptofDemography,HistoryofPopulationStudies;Nature,Scope,PhasesandCategoriesof Demography;ImportanceofDemographyinSocial-CulturalAnthropology.
2. Populationtheories-  
Malthusiantheory,TheoriesofOptimumPopulation,TheoryofDemographicTransition(O.P.Walker'sandKarlMarx),SocialandEconomictheories(Dumont,Carr Saunders, Karl Marx).
3. Fundamental concepts - Still birth, Live birth, Foetal death, Child death, Family size, Parity,Birthorder, FertilityandFecundity, MortalityandMorbidity.

#### **ModuleSCANTH D11B:FertilityandMortality**

1. Concept and definition, Factors affecting Fertility, Fertility Rates and Ratios- CBR, GFR,ASFR, TFR, GRR. 2. Mortality analysis: Concept and definition, Factors affecting Mortality,MortalityRates and Ratios-CDR, ASDR, Cause Specific Death Rates.

#### **ModuleSCANTHD11C:Migration**

- 1.Definition,HistoricalBackground,Reasons,TypeofMigration.2.MigrationStream,MigrationInterval, Place of Origin and Place of Destination, Migrant. 3. Factors of Migration,Consequenceof Migration.4. MethodsofMeasuringMigration, EffectsofMigration.

#### **ReadingList**

Agarwal,S.N.1960. IndianPopulation,Bombay: Asiapub.

HouseBaker,P.T.andSandersW.T.1972DemographicStudiesinAnthropology,AnnualReviewof anthropology.

Banerjee, D. 1971 Family Planning in India-Problems and Prospects, People Publ.

HouseChandraSekhar,S.1951India'sPopulation-

FactsandPolicy;Princeton:PrincetonUniv.Cox,Peter,R. 1979 Demography(5th ed.);NewDelhi :Vikash pub. House,

LorimerF.1954CultureandFertility,UNESCO,Paris

NagMani1979FactorsAffectingHumanFertilityonnon-IndustrialSociety-ACrossCulturalStudy,Yale Univ. Publishing.

RajHans1996Fundamentalsof Demography, NewDelhi:SurajeetPublications,



### **Module SCANTHD11D: Basic Concepts of Human Rights**

1. Definition, Attributes, Scope, Significance, Origin. 2. Characteristic feature of Human Rights with special reference to South-East Asian Countries. P.G. Syllabus in Anthropology under CBCS Page 57

### **Module SCANTHD11E: Contextual Background of Human Rights**

1. International Declaration of Human Rights, 2. Promotion of Human Rights.

### **Module SCANTHD11F: Indigenous Rights and Other Issues**

1. Environmental Rights, Indigenous Rights, Intellectual Property Rights, Cultural Rights.  
2. Women Rights, Child Rights. 3. Health Rights, Poverty and Human Rights.

### **Module SCANTHD11G: Emerging Consequences and Implementations**

1. Protection and Violation of Human Rights. 2. Conflict and Conflict Resolutions. 3. Ethnicity, Insurgencies, Ethnic Violence and Human Rights

#### **Reading List:**

Amensty International 1984 File on Torture, London

Chauhan S.R. and N.S. Chauhan 2006 International Dimension of the Human Rights (Vol. 1-3), New Delhi: Global Vision Publishing House,

Claude, Richard Pierre and B.H. Weston (eds.) 1992 Human Rights in the World Community: Issues and Action, Philadelphia, PA, USA University of Pennsylvania Press Crenshaw,

Martha and John Pimlott (eds.) 1997 Encyclopedia of World Terrorism, Armonk, New York, Sharp Reference Mann, Jonathan, (etal.) 1994 Health and Human Rights, Health and Human Rights I, No. 1 pp-6-23

Thorne, Melissa 1991 Establishing Environment as a Human Right. Denver Journal of International Law and Policy pp 301-342 UNICEF 1991 International Child Development Centre, The Convention: Child Rights and UNICEF Experience at the Country Level, Florence, Italy United Nations 1990 Application of the International Standards concerning the Human Rights of Detained Juveniles, New York

**COURSE: DSE-12: Total Marks= 50 (Theory-40; Internal-10) and Credit= 2**

### **Module SCANTHD12A: Environment, Development and Culture of Peace-I**

1. Environment and Ecology: Concept of environment, ecology, social ecology, cultural

ecology. Relation among society, nature and culture. Tribal socio-cultural system and environment; totem and environment; and role of nature in tribal festivals.

2. Environmental Issues: Environmental degradation; environmental and man-made problems- pollution, floods, soil erosion, landslide, earthquakes, etc. and its socio-economic consequences. Anthropology of disaster management.

## Reading List

- Benedict, R. 1934. *Patterns of Culture*. New York: Houghton Mifflin.
- Berremen, G.D. 1979: *Caste and Other Inequalities* Meerut Folklore Institute.
- Beteille, Andre (ed.). 1969: *Social Inequality*. London: Penguin Books.
- Beteille, Andre 1971: *Inequality among Men*. Delhi: Oxford University Press.
- Beteille, Andre 1983: *The Idea of Natural Inequality and Other Essays*. Delhi: Oxford
- Bharucha, E. 2005, *Environmental Studies*. Hyderabad: Universities: Press Pvt. Ltd.
- Biswas, S. et al., (eds.) 2012. *Human Health: A Bio-cultural Synthesis*, 85-99. Cosmo New Delhi.
- Chaudhuri, B. & A. K. Maiti (eds.) (1989), *Forest and Forest Development in India*. New Delhi: Inter India Publications.
- Chaudhuri, B. (1990), *Culture and Environmental Dimension on Health*. New Delhi: Inter India Publications.
- Chaudhuri, B. (2003), *Health, Forest and Development: The Tribal Situation*. New Delhi: Inter-India Publications.
- Chaudhuri, B. (ed.) 2012. *Human Rights*, 150-160. Zhishi Chanquan Publishing House, China, in Huang Zhongcai (Editor in Chief), *Anthropology and Ethnology Today Series*; Book series of the 16<sup>th</sup> World Congress of IUAES.
- Chauhan, I.S. & A. Chauhan. 1998, *Environmental Degradation*, Jaipur: Rawat Publications.
- Divan, S. & A. Rosencranz, 2007 *Environmental Law and Policy in India*. New Delhi: Oxford University Press
- Fernandes, W. and Menon, G. 1987, *Tribal Women and Forest Economy: Deforestation and Status Change*. New Delhi: Indian Social Institute.
- Forde, C. Daryll. 1971, *Habitat, Economy and Society*. London: Methuen & Co. Ltd.
- Gadgil, M. & Guha, R. 2006, *The Fissured Land*. New Delhi: Oxford University Press.
- Gadgil, M. & R. Guha, 2007, *The Use and Abuse of Nature*. New Delhi: Oxford University Press.
- Gerasimov, I.P. et al. 1975. *Man Society and the Environment*. Moscow: Progress Publishers.
- Guha, R. 2006, *Social Ecology*. New Delhi: Oxford University Press.
- International Journal of Human Development. (IJHDIS)*, 2014 (January –June) 7(1):31-51 [ISSN: 0974-3529].
- Jha, V. C. (ed.) 2003, *Land Degradation and Desertification*. Jaipur: Rawat Publications.
- Joshi, M.V. 2004, *Environmental Disaster: Causes, Impact and Remedies*. Delhi: Adhyayan Publishers & Distributors.
- Jugale V.B. and Y.V. Jugale (eds.) 2006. *The State of Indian Economy, Volume: I: Rethinking Globalization: 200-214*; Serials Publications, New Delhi.
- Jullian Steward. *Theory of culture change*. Hartcourt Brace College Pub. London.
- K.K. Bagchi (ed.) 2013. *Internal Migration in India Nature, Determinants and Consequences, Vol. II: 631-657*. Abhijeet Publications, New Delhi.
- Kalita, M.K. 2007, *Introduction to Environmental Studies*. New Delhi: Asian Books Pvt. Ltd.
- Kolig, E., V. SM. Angeles and S. Wong (eds.) 2009. *Identity in Crossroad Civilisations*, 8:97-114. Amsterdam University Press, Amsterdam.
- Marsh, W.M. & J.M. Gossa, J.R. 2002, *Environmental Geography*. New York: John Wiley & Sons, INC.
- Midya D.K. (ed.) 2012. *Indigenous People in India: Identity, Empowerment and Discontent*, 111-119. APH Publishing Corporation, New Delhi.
- Midya D.K. (eds.) 2009. *Essay on Cultural Anthropology*, 316-334. Indian National Confederation and

- Academy of Anthropologists, Jhargram and Indira Gandhi Rashtriya Manav Sangrahalaya, Bhopal.
- Moore, R. 1975, *Man in the Environment*. New York: Alfred A. Knope.
- Mukherjee, Radhakamal. 1968, *Man and His Environment: A Study in Social Ecology*. Bombay, Bombay Popular Prakashan.
- Narayan, S. 2000, *Anthropology of Disaster Management*. New Delhi: Gyan Publishing House.
- North Bengal Anthropologist*, 2008, 1(1): 1-9. Department of Anthropology, University of North Bengal, Darjeeling.
- Pramanik, S.K. 1993, *Fisher Men Community of Coastal Villages in West Bengal*. Jaipur: Rawat Publications.
- Rajagopalan, R. 2006, *Environmental Studies*. New Delhi: Oxford University Press.
- Satyanarayana, G. 1999, *Development Displacement and Rehabilitation*. Jaipur: Rawat Publications.
- Saxena, H.M. 2004, *Environmental Geography*. Jaipur: Rawat Publications.
- Sengupta, R. 2001, *Ecology and Economics*. New Delhi: Oxford University Press.
- Shrivastava, A.K 2007, *Global Warming*. New Delhi: A.P.H Publishing Corporation.
- Shukla, S.K. & P.R. Srivastava. 1992, *Human Environment an Analysis*. New Delhi: Commonwealth Publishers.
- Singh, I.P. & S.C. Tiwari. (eds.) 1980, *Man and his Environment*. New Delhi: Concept Publishing Company.
- Sinha, P.C. (ed.) 1998, *Costal and Marine Disasters*. New Delhi: Anmol Publications Pvt. Ltd.
- Sinha, U.K. 1986, *Ganga Pollution and Health Hazards*. New Delhi: Inter India Publications.
- Suresh, G. 2007 *Environmental Studies and Ethics*. New Delhi: J. K. International Publishing House.
- Trivedi, P.R. & G. Raj. 1997, *Man and Environment*. New Delhi: Akashdeep Publishing House. University Press
- Vidyarthi, L.P. & B.K. Rai 1976, *The Tribal Culture of India*. New Delhi: Concept Publishing Company.
- White Leslie. 1949. *The Science of Culture*. New York: Grove Press.
- Wissler, C. 1926. *The Relation of Nature to Man in Aboriginal America*. New York: Oxford University press.
- Zuckerman, B. & D. Jefferson. 1990, *Human Population and the Environmental Crisis*. Boston: Jones & Bartlett Publishers.

## **Module SCANTH D12B: Environment, Development and Culture of Peace-II**

1. Environment, People and Natural resources: Environmental degradation/hazards and human impact on the natural environment- displacement, rehabilitation and resettlement; deforestation and afforestation; resource depletion and overexploitation of natural resources, political disturbances, migration and adaptation, culture in conflicts, regionalism, identity crisis, social disorganization, ethnicity, ethnic conflicts/violence, unrest among tribal communities.
2. Contribution of anthropology to the understanding of human insecurity, inequality, violation of basic human rights, regionalism, communalism, ethnic and political movements.
3. Development and Environment, Harmony and Conflict: Nature and culture, human security, inequality to equality, cultural clash- conflict resolution and peace; development and environment- harmony and conflict, the issue of sustainable development.

## **Reading List**

Benedict, R. 1934. *Patterns of Culture*. New York: Houghton Mifflin.

- Berremen, G.D. 1979: *Caste and Other Inequalities* Meerut Folklore Institute.
- Beteille, Andre (ed.). 1969: *Social Inequality*. London: Penguin Books.
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- Biswas, S. *et al.*, (eds.) 2012. *Human Health: A Bio-cultural Synthesis*, 85-99. Cosmo New Delhi.
- Chaudhuri, B. & A. K. Maiti (eds.) (1989), *Forest and Forest Development in India*. New Delhi: Inter India Publications.
- Chaudhuri, B. (1990), *Culture and Environmental Dimension on Health*. New Delhi: Inter India Publications.
- Chaudhuri, B. (2003), *Health, Forest and Development: The Tribal Situation*.New Delhi: Inter-India Publications.
- Chaudhuri, B. (ed.) 2012. *Human Rights*, 150-160. Zhishi Chanquan Publishing House, China, in Huang Zhongcai (Editor in Chief), *Anthropology and Ethnology Today Series*; Book series of the 16<sup>th</sup> World Congress of IUAES.
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- Divan, S. & A. Rosencranaz, 2007 *Environmental Law and Policy in India*. New Delhi: OxfordUniversity Press
- Fernandes, W. and Menon, G. 1987, *Tribal Women and Forest Economy: Deforestation and Status Change*. New Delhi: Indian Social Institute.
- Forde, C. Daryll. 1971, *Habitat, Economy and Society*. London: Methuen & Co. Ltd.
- Gadgil, M. & Guha, R. 2006, *The Fissured Land*. New Delhi: OxfordUniversity Press.
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- Jugale V.B. and Y.V. Jugale (eds.)2006. *The State of Indian Economy, Volume: I:Rethinking Globalization: 200-214*; Serials Publications, New Delhi.
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- Narayan, S. 2000, *Anthropology of Disaster Management*.New Delhi: Gyan Publishing House.
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- Sinha, P.C. (ed.) 1998, *Costal and Marine Disasters*. New Delhi: Anmol Publications Pvt. Ltd.
- Sinha, U.K. 1986, *Ganga Pollution and Health Hazards*. New Delhi: Inter India Publications.
- Suresh, G. 2007 *Environmental Studies and Ethics*. New Delhi: J. K. International Publishing House.
- Trivedi, P.R. & G. Raj. 1997, *Man and Environment*. New Delhi: Akashdeep Publishing House. University Press
- Vidyarthi, L.P. & B.K. Rai 1976, *The Tribal Culture of India*. New Delhi: Concept Publishing Company.
- White Leslie. 1949. *The Science of Culture*. New York: Grove Press.
- Wissler, C. 1926. *The Relation of Nature to Man in Aboriginal America*. New York: Oxford University press.
- Zuckerman, B. & D. Jefferson. 1990, *Human Population and the Environmental Crisis*. Boston: Jones & Bartlett Publishers.

## **Discipline Specific Elective (DSE)**

### **GROUP-B**

**COURSE:DSE-11:TotalMarks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE:DSE-11Physical Anthropology**

**Marks=50, Credit=2**

**ModulePHYANTHD11A:Advanced forensic anthropology**

1. Dermatoglyphics:ApplicationofDermatoglyphicsincrimeinvestigation,includingpersonalidentificationfromfingerprints.Latentprints:methodsofdevelopmentandidentification;elementary methodofclassificationinFingerprintBureau.Fingerprintcollection,analysis and comparison
2. Footprints:Collection,analysisandcomparison
3. Hair:Morphologyofhair, distinctionbetweenhuman andanimalhair.
4. Differentiationofscalp,bodyand pubichair.
5. Forensic serology:Nature of human blood; identification of bloodstainand determinationofits species and bloodgroup;identification ofseminal stains.

**ModulePHYANTHD11B:Palaeodemography**

1. Demography of early human population—Palaeopathology-traumatism, malformation andnon-specificosteologicalvariables(i.e.osteoarthritis,spondylitis,rickets,symmetricalosteoporosisan

- d tumors), dental pathology.
2. Palaeodemography—skeletal analysis and determination of demographic variables in Prehistoric populations (i.e., migration, fertility, morbidity and mortality) and post-neolithic population growth.

**Reading List:**

Bayers, S.N.

(2004). Introduction to Forensic Anthropology: A Textbook 2nd Ed. Boston: Allyn and Bacon.

Burns K.R. (2007). Forensic Anthropology Training Manual 2nd Ed. New Jersey: Prentice Hall Inc.

Cummins H. and Midlo, C. (1961). Fingerprints, Palm and Sole—

An Introduction to Dermatoglyphics. New York: Dover

Brace, C.L. and Montagu, M.F.A. (1977). Human Evolution: An Introduction to Biological Anthropology

(Macmillan Company, New York)

Buttner Janusch, J. (1980). Origins of Man, New York: John

Wiley. Kennedy, G.E.

(1980). Palaeoanthropology. McGraw Hill, New York.

Poirier, F.E. (1981). In Search of Ourselves: An Introduction to Physical Anthropology. Burgess Publishing Company, Minneapolis Minnesota.

**COURSE: DSE-12: Total Marks= 50 (Theory-40; Internal-10) and Credits= 2**

**COURSE: DSE-12 Physical Anthropology (Practical)**

**Credit: 2 (Marks=**

**50) Module PRPHYANTHD12A: Biostatistics**

1. Frequency distributions of qualitative, discontinuous and continuous variables; graphs: bar, pie chart, histogram and polygon.
2. Descriptive statistics: measures of dispersion; range, standard deviation; co-efficient of variation.
3. Sampling: definition and uses; types of sampling: random, stratified.
4. Probability
5. Hypothesis testing: principles of hypothesis testing, errors in hypothesis testing, hypothesis testing with z scores, one and two tail hypothesis tests, hypothesis testing with t distribution.
6. Differences between two means: un-paired and paired t test, analysis of variance (ANOVA).
7. Non-parametric comparison of samples: Mann-Whitney U test.
8. Regression and correlation analysis: Pearson coefficient; regression equation.
9. Chi-square test for goodness-of-fit and independence of association, Yates correction.

**SKILL ENHANCEMENT COURSE (SEC)**

**Marks=50 (Theory-42; Internal-8), Credit=2**

Choose from Basket -4

**COURSE:GE-3:TotalMarks= 100 (Theory-75; Internal-25) and Credits= 4**

**COURSE:GE-3 Fundamentals Anthropology-III**

**Credit: 4 (Marks=**

**100)ModulePHYANTHG3A:Primatologyand Human Evolution**

1. Primateevolutionwithspecial referencetoskull,jaws, dentition,brainand foot.
2. Developmentofprimate speech
3. Primatebehaviour:basic concepts;behaviourofchimpanzeeandbaboon
4. Comparativeanatomyofhumanandnon-humanprimates.
5. Primatesinbiomedicalresearch
6. EarlyFossilPrimatesandtheirEvolution
7. Theories ofhumanevolution: -Out-of-Africa||model and Multi-regional model
8. Fossilfinds:Java,Choukoutain,La-Chapelle-aux-Saints,Cro-Magnon
9. Transitionalfinds:Kabwe,Steinheim,Swanscombe.

**ReadingList:**

NelsonH,JurmainR.1985.*IntroductiontoPhysicalAnthropology*.San

Francisco:West

PublishingCompany.

CampbellBJ.1985.*HumanEvolution:AnIntroductiontoMan'sAdaptations*.NeyYork:Aldine.

CampbellCJ,BearderS,AgustinF.(eds.)2006.***PrimatesinPerspective***.LondonOxfordUniversityPres  
s.

ConroyGC.1997.*ReconstructingHumanOrigins----AModernSynthesis*.NewYork:W.W.Nortonand  
Company.

DayMH.1986.*GuidetoFossil Man*. Chicago: Universityof Chicago Press,

Jurmain R, Nelson H, Kilgore L, Trevathan W. 1999. *Introduction to  
PhysicalAnthropology*.Belmont:Wadsworth.

**ModuleSCANTH G3B:Visual Anthropology**

1. IntroductiontoVisualAnthropology.VisualCulture.PhotographicandDigitalMed  
ia:Still, Interactiveand Moving.
2. Theory and Representation. Anthropology and Images: Ethnophotography  
andethnographicfilmsandmassmedia.Theoriesof  
representation,modernmediaandpoliticaladvocacy.
3. Early Ethnographic Photography: Contexts and Trends. Anthropology of Art  
andAesthetics: Critical reflection on the relation of images, objects and persons.  
Objects andimagesfrom other societies valued as'art'.
4. Ethnographic Photography: Conventions and Methodologies. Paradigms  
andDebates.
5. EthnographicFilms:Theoreticalissuesconcerningethnographicfilm,ethicaldim  
ensionsof ethnographicfilm,Interdependencyoftechnologyandculture.



6. Cinema Studies with emphasis on key feature, documentary and ethnographic films with a focal theme - the examination of the 'language of film'.

**Reading List:**

- Marcus Banks and Howard Morphy, 1998, *Rethinking Visual Anthropology*  
David MacDougall *Transcultural Cinema*, (Princeton, 1999)  
Ruby, Jay. 1996. - Visual Anthropology. || In *Encyclopedia of Cultural Anthropology*, David Levinson and Melvin Ember, editors. New York: Henry Holt and Company, vol. 4: 1345-1351.  
Ch. 1, - Reading Pictures, || pp. 1-12 [From: Banks, Marcus. 2001. *Visual Methods in Social Research*. London: Sage.]  
Ember C.R. et al (2011). *Anthropology*. New Delhi: Dorling Kindersley. [Unit II, III, IV (Page: 282-321, 430-438, 464, 469-471)]  
Banks M. and Ruby J. (2011). *Made to Be Seen: Perspectives on the History of Visual Anthropology*. University of Chicago Press [Practical]  
Schneider A. and Wright C. (2010) *Between Art and Anthropology: Contemporary Ethnographic Practice*. Berg Publishers [Practical]

**COURSE: GE-4: Total Marks = 100 (Theory-75; Internal-25) and Credits = 4**

**COURSE: GE-4 Fundamentals Anthropology-IV**

**Credit: 4 (Marks =**

**100) Module PHYANTHG4A: Human variation and Human genetics**

1. Dermatoglyphics
2. Blood groups and Haemoglobin variants
3. Genetic variation in red cell enzymes
4. Genetic variation in plasma proteins: Hp, Tf
5. Changes in gene frequencies: Mutation, Gene flow, Genetic drift, Selection
6. Abnormalities of human chromosomes
7. Mendelian inheritance in man
8. Polygenic inheritance in man
9. Genetic screening and genetic counselling

**Reading List:**

- Barua Saumitra 2002. *Human Genetics: An Anthropological Perspective*. Kolkata: Classique Books.  
Vogel, F. and Motulsky, A.G., 1986, *Human Genetics: Problems and Approaches*, Berlin: Springer Verlag.  
Sukla B.R.K. and Rastoi Sudha; 2018. *Physical Anthropology and human genetics - An introduction*. Palaka Prakashan, Delhi.  
Gardner Eldon John, Simmons Michale J and Snustad D Peter 1991. *Principles of Genetics*. New York: John Willey & Sons.  
Harper, P. S. 1998, *Practical Genetic Counseling*, Oxford: Butter worth  
Heinemann. Klug WS and Cummings MR 1999. *Essentials of Genetics* New Jersey: Prentice Hall.  
Lewis Richi 2003. *Human Genetics: Concepts and Applications* Boston: WCB McGraw Hill.  
Rothwell, N. V., 1978, *Human Genetics*, New Delhi: Prentice Hall Pvt. Ltd.

Thompson, J.S. and Thompson, M.W. 1968, *Genetics in Medicine*, Philadelphia: W.B. Saunders.

## Module SCANTHG4B Anthropology of Tourism

1. Tourism-aspects and prospects, anthropological issues and theoretical concerns, tourist as ethnographer; pilgrimage and Authenticity Issues
2. Interconnections between tourism history and the rise of the socio-cultural study of tourism including temporary migration, colonial exploration, pilgrimage, visiting relatives, imagined and remembered journeys, and tourism
3. Implications of tourism as a major mechanism of cross-cultural
4. interaction; role of symbolism, semiotics, and the imagination in tourism; tourism and the commodification of culture or cultural degradation
5. Global and local political economy of contemporary tourism,
6. particularly in relation to international development; explore dynamic relationships between heritage-making enterprises, revival and preservation projects, the international flow of capital; role of museums and other branches of the cultural industries" (including music, art, and food) in tourism economies; tourism and global mobility; Ecotourism and sustainable development
7. New Directions in the Anthropology of Tourism: Globalization, Tourism and Terrorism; applied aspects of anthropology in tourism development and planning.

## Reading List

- Chambers E. (2000). *Native Tours: The Anthropology of Travel and Tourism*. Prospect Heights: Waveland.
- Crick M. (1995). The Anthropologist as Tourist: An Identity in Question. In Lanfant MF, Allcock JB, Bruner EM (eds.) *International Tourism: Identity and Change*. London: Sage. pp. 205-223.
- Dann GMS, Nash D and Pearce PL. (1988). *Methodology in Tourism Research*. *Annals of Tourism Research*. 15:1-28.
- Gmelch SB. (2004). *Tourists and Tourism: A Reader*. Long Grove: Waveland.
- Graburn NHH. (1977). Tourism: The Sacred Journey. *Hosts and Guests: The Anthropology of Tourism*. Valene L. Smith, ed. Philadelphia: University of Pennsylvania Press. Pp. 33-47.
- Dann G. (2002). *The Tourist as a Metaphor of the Social World*. Wallingford: CAB International.
- Nash D. (1996). *Anthropology of Tourism*. New York: Pergamon.
- Kirshenblatt-Gimblett B. (1998). *Destination Culture: Tourism, Museums, and Heritage*. University of California Press.

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