

B.Sc. & B. A.
FIRST, THIRD AND FIFTH SEMESTER
SYLLABUS (CBCS)



2022-24

ANTHROPOLOGY
Dr.H.S.Gour Vishwavidyalaya, Sagar (M.P.)
(A Central University)

Note : The Board of Studies of Anthropology in its meeting dated 19.03.2021 has approved the syllabus of 2019-22 for the session 2021-23.

B. A.
THIRD SEMESTER
SYLLABUS (CBCS)



2022-24

ANTHROPOLOGY

Dr.H.S.Gour Vishwavidyalya, Sagar (M.P.)
(A Central University)

Department of Anthropology
Dr. HariSingh Gour Vishwavidyalaya, Sagar M.P.
(A Central University)
B.A. (Anthropology): 3 Years Programme: 6 Semester
2022-24

Course Opted	Course Name	Credits	Marks
Semester I			
ANH:CC -111	Biological Anthropology	4	100*
ANH:CC -112	Practical in Anthropometry and Somatoscopy	2	100*
Semester II			
ANH:CC -211	Socio-Cultural Anthropology	4	100*
ANH:CC -212	Practical in Methods & Technique of Social Anthropology	2	100*
Semester III			
ANH:CC -311	Archaeological Anthropology	4	100*
ANH:CC -312	Practical in Archaeological Anthropology	2	100*
ANH: SE-311	Tourism Anthropology	2	100*
Semester IV			
ANH:CC -411	Tribal Anthropology	4	100*
ANH:CC -412	Practical in Material Culture, Museology and Computer Application	2	100*
ANH:SE -411	Public Health and Epidemiology	2	100*
Semester V			
ANH: EC -511	Human Biology	4	100*
ANH: EC -512	Practical in Serology and Dermatoglyphics	2	100*
ANH: SE-511	Business and Corporate Anthropology	2	100*
ANH:GE-511	Applied Anthropology	6	100*
Semester VI			
ANH:EC-611	Field Work Dissertation	6	100*
ANH:SE-611	Visual Anthropology	2	100*
ANH:GE-611	Anthropology of Religion and Symbol	6	100*

***Total Marks 100: Mid Semester = 40: 20 +20 (15+05) and End Semester.- 60**

B.A. SEMESTER – FIRST

Anthropology

ANH : CC -111

Biological Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
4	-	-	4

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about various theories related to human evolution and variation.
2. They will learn about history of physical Anthropology and how it is related to other disciplines.
3. They will also learn about the relationship between non-human and human primates.
4. From the practical component they will learn about how to measure and study various parts of the human body.

Lectures

Unit-I :	What is anthropology? Its definition, branches and history. Definition and Scope of Physical/Biological Anthropology. Relationship of Physical/Biological Anthropology with Allied Discipline. Fundamental of Physical/Biological Anthropology: Human Evolution, Human Variation, Human genetics, Human growth and development. Concepts of Medical Anthropology, Dental Anthropology, Forensic Anthropology and Sports Anthropology.	12
Unit-II :	Origin of universe and evolutionary history of life. The Evidence and Theories of Organic Evolution: Lamarckism, Neo-Lamarckism, Darwinism, Synthetic Theory, Mutation and Neo-Mutation Theory. Classification and Characteristics of Living Primates. Geographical Distribution and Main Physical Characteristics of Prosimii (Lemuriforms, Lorisiformes, Tarsiformes)	12
Unit-III :	Geographical Distribution and Main Physical Characteristics of Anthroidea (New World Monkeys and Old World Monkeys), Pongidae (Gibbon, Orangutan, Chimpanzee, Gorilla).	12
Unit-IV :	Fossils Evidence of Human Evolution : Australopithecus. Homo Erectus : Pithecanthropus Erectus (Java Man), Sinanthropus Pekinensis (Peking Man), Homo Neanderthalensis : Progressive and Conservative. Homo-Sapiens : Cro-Magnon, Chancelade, Grimaldi.	12
Unit-V :	Great Division of Mankind. A Comparative Account of Various Racial Classification (Hooton, Deniker, Resley and Guha). UNESCO Statement of Race. Recent Understanding of Human Biological Categories in The Context of Human Genome Research.	12

Essential Readings :

1. Bernard, H.R. (1940). *Research Methods in Cultural Anthropology*. Newbury Park: Sage Publications.
2. Davis, K. (1981). *Human Society*. New Delhi: Surjeet Publications.
3. Ember, C.R. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
4. Ferraro, G. and Andreatta, S. (2008). *In Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
5. Harrison, G.A. (2004). *Human Biology: An Introduction to Human Evolution Variation Growth and Adaptability*. New-York. Oxford University Press.
6. O'reilly, K. (2012). 'Practical Issues in Interviewing' *Ethnographic Methods*. Abingdon: Routledge
7. O'reilly, K. (2012). *Ethnographic Methods*. Abingdon: Routledge.
8. Parsons, T. (1968). *The Structure of Social Action*. New York: Free Press
9. Rapport, N. and Overing, J. (2004). *Key Concepts in Social and Cultural Anthropology*. London: Routledge.
10. Reddy, V.R. (2012). *Current Trends in Human Genetics and Physical Anthropology*. Tirupati. V. Indira.
11. Harrison, G.A. (2004). *Human Biology: An Introduction to Human Evolution Variation Growth and Adaptability*. New-York. Oxford University Press.
12. Reddy, V.R. (2012). *Foundations of Physical Anthropology and Human Evolution*. Tirupati. V. Indira.

Additional Readings

1. Lang, G. (1956). Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*. 17(3): 206-218
2. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods' In *Notes and Queries on Anthropology*. London: Routledge & Kegan Paul Ltd.
3. Delaney, C. (2004). *Orientation and Disorientation In Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
4. Beattie, J. (1964). *Other Cultures*. London: Cohen & West Limited.
5. Stanfield, J.H. (2011). *Rethinking Race and Ethnicity in Research Methods*. C.A. Lett Coast Press.
6. Boonin, D. (2011). *Should Race Matter?* N.Y. Cambridge University Press.

ch- ,- lsesLVj & izFke

ekuo foKku

ANH:CC -111

tSfod ekuo foKku

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

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B.A. SEMESTER – FIRST

ekuo foKku

Anthropology

ANH:CC -112

L	T	P	C
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Practical in Anthropometry and Somatoscopy

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. Able to describe scope of studying anthropometry and somatometry
2. Able to understand the human anatomy
3. Familiar with the basic principles of measurements and indices

Practicals

Unit-I : Human Anatomy

Identification and Drawing of the Bones of Human Skeleton with Special Reference to the Skull, Vertebral Column, Pectoral Girdle, Pelvic Girdle and Long Bones

6

Unit-II : Somatometry

(A) Measurements on Body :

(I) Height Vertex (II) Height Tragus (III) Suprasternale Height (IV) Bi-Acromial Breadth (V) Bi-Iliocristal Breadth (VI) Tibial Height (VII) Upper Extremity Length (VIII) Length Of Forelimb (IX) Lower Extremity Length (X) Body Weight.

6

Unit-III : (B) Measurements of Head and Face :

(I) Maximum Head Length (II) Maximum Head Breadth
 (III) Minimum Frontal Breadth (IV) Maximum Bizygomatic Breadth
 (V) Nasal Breadth (VI) Nasal Length.

6

(C) Indices :

(I) Cephalic Index (II) Nasal Index.

(D) Skin Fold Measurements :

	(I) Biceps (II) Triceps (III) Calf.	
Unit-IV :	Somatoscopy :	6
	(I) Skin Color (II) Hair Form (III) Hair Color (IV) Nose Form	
	(V) Observation of Eye (VI) Face Form (VII) Head Form	
Unit-V :	Craniometry :	6
	(A) Measurements :	
	(I) Maximum Cranial Length (II) Maximum Cranial Breadth	
	(III) Nasal Length (IV) Nasal Breadth (V) Bi-Maxillary Breadth	
	(VI) Basalo-Bregmatic Height (VII) Bizygomatic Breadth	
	(VIII) Frontal Chord (IX) Parietal Chord (X) Occipital Cord.	
	(B) Indices : (I) Cranial Index (II) Nasal Index	

Note :- The students must record all practicals in the practical note book.

Essential Readings :

1. Warwick, R. (1973). Gray's anatomy (Vol. 1302). P. L. Williams (Ed.). Edinburgh: Longman.
2. Singh, I.P. and Bhasin, M.K. (1968). Anthopometry, Kamla-Raj Enterprises.

Additional Readings;

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ekuo foKku

ANH:CC -112

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vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

,.M lsesLVj - 60

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B. A.

THIRD SEMESTER

SYLLABUS (CBCS)



2021-23

ANTHROPOLOGY

Dr.H.S.Gour Vishwavidyalya, Sagar (M.P.)
(A Central University)

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B.Sc. **THIRD SEMESTER** **SYLLABUS (CBCS)**



2021-23

ANTHROPOLOGY

Dr.H.S.Gour Vishwavidyalya, Sagar (M.P.)
(A Central University)

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B.A. SEMESTER – SECOND
Anthropology
ANH : CC -211
Socio-Cultural Anthropology

L	T	P	C
4	-	-	4

Maximum Marks : 100
Mid Semester - 40
(1st mid 20+ continuous internal assessment 15+ Attendance 05)
End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the scope and relevance of Social-Cultural Anthropology and its relationship with other disciplines.
2. They will learn about concepts of society, culture, social stratification, etc.
3. They will also learn about important institutions like family, marriage, kinship and religion.
4. The students will be able to understand the development of different economic and political organization in simple societies.

Lectures

- Unit-I : Anthropology- Meaning, Scope and Relevance, Branches of Anthropology, Relationship of Social Anthropology with other Disciplines. 12
- Unit-II : Concept of Society and Community, Groups and Institutions, Status and Role, Caste and Class, Concept of Culture-Material and Non-material, Culture Trait, Culture Complex, Culture Pattern, Culture Area; Acculturation and Trans-Culturation; Cultural Relativism, Cultural Universals. 12
- Unit-III : Basic Concepts of Great Tradition, Little Tradition, Universalisation, Parochialisation, Folk-Urban Continuum, Sacred Complex, Nature-Man-Spirit Complex, Sanskritisation, Westernisation, Dominant Caste. 12
- Unit-IV : Definition, Forms/Types, Functions- Family, Marriage, Kinship; Economic and Political Organizations in Simple Societies. 12
- Unit-V : Introduction to Anthropological Theories: Evolutionism, Diffusionism, Functionalism, Structural-Functionalism.

Essential Readings:

1. Beattie, J. (1964). *Other Cultures*. London: Cohen & West Limited.
2. Bernard, H.R. (1940). *Research Methods in Cultural Anthropology*. Newbury Park: Sage Publications.
3. Davis, K. (1981). *Human Society*. New Delhi: Surjeet Publications.
4. Ember, C. R. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
5. Ferraro, G. and Andreatta, S. (2008). In *Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
6. Haviland, W. A. (2008). *Cultural Anthropology*. New Delhi: Cengage Learning India Private Ltd.
7. Parsons, T. (1968). *The Structure of Social Action*. New York: Free Press
8. Rapport, N. and Overing, J. (2004). *Key Concepts in Social and Cultural Anthropology*. London: Routledge.
9. Reddy, V.R. (2012). *Anthropology in the Service of Humanity*. Tirupati, V. Indira.
10. Reddy, V.R. (2012). *General Anthropology*. Tirupati, V. Indira.
11. Pelto, and Pertti, J. (1999). *Anthropological Research: The Structure of Inquiry* 2nd ed. London, Cambridge University Press.

Additional Readings;

1. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods', In *Notes and Queries on Anthropology*. London: Rutledge & Kegan Paul Ltd.
2. Lang, G. (1956). Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*. 17(3): 206-218.
3. Delaney, C. (2004). *Orientation and disorientation In Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
4. O'Reilly, K. (2012). *Practical Issues in Interviewing Ethnographic Methods*. Abingdon: Routledge.
5. Rapport, N. (2014). *Social and Cultural Anthropology*. London. Routledge.
6. Srinivas, M.N. (2016). *Social Change in Modern India*. New Delhi. Orient Blackswan Pvt. Ltd.
7. Vidyarthi, L.P. (1976). *The Tribal Culture of India*. New Delhi. Concept Publishing Company Pvt. Ltd.
8. Singh, K.S. (1993). *Tribal Ethnography Customary Law and Change*. New Delhi. Concept Publishing Company Pvt. Ltd.
9. Garner, R. (2013). *Rethinking Contemporary Social Theory*. London. Paradigm.
10. Sahlins, N. (2013). *What Kinship Is and Is Not*. Chicago. The University of Chicago Press.

**ch- ,- lsesLVj & f}rh;
ekuo foKku
ANH : CC -211
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L	T	P	C
4	-	-	4

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
,.M lsesLVj - 60

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1. Notes and Queries in Anthropology (1971). London : Routledge & Kagan Paul.
2. Bernard, H.R. (1990). Research Methods in Cultural Anthropology, New Delhi, Sage Publications.
3. Berg, B.L. (1995). Qualitative Research Methods for the Social Sciences, London, Allyn and Bacon.
4. Srivastava, V.K. (Ed.) (2004). Methodology and Fieldwork Oxford University Press, New Delhi.
5. Sarantabos, S., 1998 (1993), Social Research. London Macmillan.
6. Pelto, P.J., and Goetel. H.P. (1978). Anthropology Research: The Structure of Inquiry. Cambridge: Cambridge University Press.

7. Delaney, C. (2011). Investigating Culture: An Experimental Introduction to Anthropology. 2nd ed. UK, John Wiley & Sons.
8. Mann, R.S. (1994). Social Change and Social Research. New Delhi, Concept Publishing Comp. Pvt. Ltd.
9. Baronov, D. (2012). Conceptual Foundation of Social Research Methods 2nd. Ed. London Paradigm Publishers.
10. Stern, P.N. (2011). Essentials of Sccessible Grounded Theory. California, Left Coast Press.
11. Scales, C.A. (2012). Recording Culture. London, Duke University Press.

ch- ,- lsesLVj & f}rh;

ekuo foKku

ANH : CC -212

L	T	P	C
-	-	2	2

izk;ksfxdh % lkekftd ekuo foKku dh fof/k;kj ,oa izfof/k;kj

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

yfuZax vkmVdEI

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lkekftd ekuo foKku esa vk;dM+k ds ladyu esa fuEufyf[kr fof/k;ksa ,oa izfof/k;ksa dks izk;ksfxdh esa lfEefyr fd;k x;k gS %

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bdkbZ	oa'kkoyh	6
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&3 %

bdkbZ oS;fDrd v/;;u 6

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bdkbZ lewg ladsfUær okrkZyki 6

&5 %

vuq'kaflr iqLrdas %
vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.A. SEMESTER – THIRD

Anthropology

ANH : CC - 311

Archaeological Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
4	-	-	4

Learning Outcomes

The learning outcomes of this paper are :

1. The students will learn about archaeological anthropology and its relationship with other sciences.
2. They will learn about how the past is reconstructed.
3. They will learn about the methods of understanding the prehistoric culture on the basis of archaeological finds.
4. From the practical component they will learn about identification and interpretation of prehistoric tools.

Lectures

Unit-I :	Fundamentals of Archaeological Anthropology: Meaning and Scope of Different Types of Archaeology: Prehistoric, Proto-Historic, Historical and Classical. Methods of Studying Archaeological Anthropology. The Relationship of Archaeology with Anthropology, Methods of Dating: Relative and Absolute Dating and Their Relevance.	12
Unit-II	Geological Time Scale, The Great Ice Age, Stratigraphic and other Evidence of Quaternary Ice Age: River Terrace, Moraines, Eustatic Fluctuations Etc. Alpine and Himalayan Glaciations and Inter-Glaciations, Pluviation and Inter Pluviation. Stone Tool Technology and Typology.	12
Unit-III :	Age of Paleolithic Savagery: Lower Paleolithic Cultures of Europe (Abbevillian, Acheulian, Clactonian, Lavalloisean and India (Soan, Madrasian, Narmada). Middle Paleolithic Culture of Europe (Mousterian), Flake Tools Complex In India and Upper Paleolithic of Europe, Home and Cave Art and Its Significance.	12
Unit-IV :	Mesolithic Complex in Northern and Western Europe and Corresponding Stone Age Industries in India, Barbarism of The First Food Producers. Chief Features of Neolithic Revolution, Emergence of Human Settlements and Farming in India, Neolithic Complex in India.	12
Unit-V :	Metal Age: Copper, Bronze and Iron Ages, General Features of Urban Revolution. The Chief Characteristics and Decay of Indus Valley Civilization, Definition and Types of Megaliths, Distribution and Main Characteristics of Indian Megaliths.	12

Essential Readings:

- Allchin, B. and Raymond (1968). The Birth of Indian Civilization. Harmondsworth: Penguin Books.
- Bordes, E. (1968). The Old Stone Age. Mc Graw-Hill.
- Burkitt, M. (1963). The Stone Age. NYU Press.
- Burkitt, M. (1929). Our Early Ancestors. Cambridge University Press.
- Shapiro, H. L. (1956). Man Culture and Society (Hindi version also available). Oxford University Press.
- Bhattacharya, D. K. (1972). Prehistoric Archaeology. Hindustan Publishing Corp.
- Sankalia, H. D. (1964). Stone Age Tools, Families and Techniques. Pune: Deccan College.
- Wheeler, M. (1968). The Indus Civilization. Cambridge University Press.
- Sankalia, H. D. (1977). New Archaeology - Its scope and Application to India. Lucknow: Ethnographic and Folk Culture Society.
- Allchin and Allchin. (1993). The Rise of Civilization of India and Pakistan. Cambridge University Press.
- Bhattacharya, D. K. (1979). Old Stone Age Tools and Techniques. Calcutta, K. P. Bagchi Company.
- Bhattacharya, D. K. (1996). Paleolithic Europe. Netherlands, Humanities Press.
- Phillipson, D. W. (2005). African Archaeology. Cambridge, Cambridge University Press.
- pkScs jes'k (2007) & iqjkrkfRod ekuo foKku- Hkksiky] e/; izns'k fganh xzaFk vdkneh
- 'kekZ , - ,u- (1998) & Hkkjrh; ekuo foKku- vfHkO;fDr izdk'ku] bykgkckn

Additional Readings;

- Childe, V. G. (1936). Man Makes Himself. London: Watts.
- Oakely, K. P. (1949). Man the Tool Maker. British Museum, London.
- Bhattacharya, D. K. (1978). Emergence of Culture in Europe, Delhi, B. R. Publication.
- etwenkj Mh- ,u- & izkxSfrgkfld
- Fagan, B. M. (1983). People of Earth: An Introduction. Boston, Little, Brown & Company.
- Champion (1984). Prehistoric Europe. New York, Academic Press.
- Mishra, V. N. & Mate, M. S. (1964). Indian Prehistory. Pune: Deccan College.

**ch- , - lsesLVj & r`rh;
ekuo foKku
ANH : CC -311
iqjkrkfUod ekuo foKku**

L	T	P	C
4	-	-	4

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
„M lsesLVj - 60

yfuZax vkmVdEI

bl i= dk vkmVdEI gS %

- 1- fo|kFkhZ iqjkrkfRod ekuo foKku rFkk bldk vU; foKkuksa ds lkFk IEcU/kksa ds ckjs esa tkusaxsA
- 2- os vrhr ds iqufuZekZ.k ds ckjs esa tkusaxsA
- 3- os iqjkrkfRod [kkstksa ds vk/kkj ij izkxSfrgkfld laLd`fr ds fo"k; esa tkusaxsA
5. os O;kogkfjd ?kVdksa ls izkxSfrgkfld midj.kksa dh igpku rFkk O;k[k; ds ckjs esa tkusaxsA

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| bdkbZ&
1 % | iqjkrkfRod ekuo foKku ds ewy rRo % fofHkUu izdkj ds iqjkrRo ds ifjHkk'kk rFkk {ks= % izksxSfrgkfld] vk ,frgkfld] "kkL=h;A iqjkrkfRod ekuo foKku ds v;;u dh fof/k;k;A iqjkrRo dk ekuo foKku ls laca/k] dky fu/kkZj.k dh fof/k;ka % lkis{k rFkk fujis{k dky fu/kkZj.k fof/k;ka rFkk mudh izklafxdrkA | 12 |
| bdkbZ&
2 % | HkwxHkhZ; le; [kaM egku fge ;qx] prqFkZd fge;qx ds Lrj dzfed rFkk vU; lk{; % unh osfndk;sa fgeks<] lefLFfrd nksyu vkfn] ,sYil rFkk fgeky; ds fge ;qx rFkk vUrfgZe;qxA lywfo;s'ku ,oa bUVj lywfo;s'kuA | 12 |
| bdkbZ&
3 % | midj.kksa ds izdkj rFkk muds fuekZ.k dh fof/k;k;A iqjkik'kk.k ;qxhu izkd`rkoLFkk % ;wjksi ¼,Ccsfoyu] „;wfy;u] DydVksfu;u] ySosyksf'k;u½ rFkk Hkkjr ¼lksgu] enzkfl;u] ueZnk½ dh fuEu iqjkik'kk.k ;qxhu laLd`fr;ka;A ;wjksi dh e/iqjkik'kk.k ;qxhu laLd`fr ¼eqLrhfj;u½ Hkkjr esa Qyd midj.k m ksx rFkk ;wjksi dh mPp iqjkik'kk.k ;qxhu laLd`fr rFkk mldh eq[; fo"ks'krk;sa] xqQk ,oa x`g dyk vkSj mldk egRoA | 12 |
| bdkbZ& | mRrj rFkk if"pe ;wjksi dh e/; ik'kk.k ;qxhu laLd`fr rFkk mlds | 12 |

4 %	lerqY; Hkkjrh; e?; ik'kk.k ;qxhu m ksx vkjfHkd [kk] mRikndksa }kjk LFkkfir xzkE;rk dk Lo:iA uo ik'kk.k ;qxhu laLd`fr dh izeq[k fo"ks'krk;sa] Hkkjr esa ekuo vkokl rFkk d`f'k dk mn~xeu] Hkkjr esa uoik'kk.k ;qxhu lafa"y'V rFkk mudh leL;k;saA	
bdkbZ& 5 %	/kkrq;qx % rkez dkaL; rFkk ykSg ;qx] uxjh; ØzkfUr ds lkekU; y{k.kA flU/kq ?kkVh IH;rk dh izeq[k fo"ks'krk;sa rFkk mlds iru ds dkj.k] egkik'kk.k dh ifjHkk'kk rFkk izdkj] Hkkjr ds egkik'kk.k % forj.k rFkk izeq[k fo"ks'krk;saA	12

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B.A. SEMESTER – THIRD

Anthropology

ANH : CC -312

Practical in Archaeological Anthropology

L	T	P	C
-	-	2	2

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. The student should be able to understand the basic concepts and terminology used in prehistoric archaeology
2. The student should be able to critically examine and understand the chronological and cultural determinants of prehistory
3. The student should be able to critically examine and understand the practical approaches of archaeological anthropology

Typo-technological Analysis of Prehistoric Tools: Identification, Interpretation

and Drawings of the tools Types:

Lectures

Unit-I : Core Tool Types

6

Unit-II : Flake Tool Type

6

Unit-III :	Blade Tool Types	6
Unit-IV :	Microlithic Tool Type	6
Unit-V :	Neolithic Tool Type	6

Essential Readings :

1. Bhattacharya, D.K. (1979). Old Stone Age Tools and Techniques. Calcutta, K.P. Bagchi Company.
2. Sankalia, H.D. (1964). Stone Age Tools. Poona Deccan College.
3. Bhattacharya, D. K. (1996). An Outline of Indian Prehistory. Delhi, Palika Prakashan.
4. Sankalia, H. D. (1974) Prehistory and Protohistory of India and Pakistan. Poona, Deccan College.

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ekuo foKku

ANH : CC -312

izk;ksfxdh % iqjkrkfUod ekuo foKku

L	T	P	C
-	-	2	2

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

yfuZax vkmVdEI

bl i= dk yfuZax vkmVdEI gS %

- 1- fo|kFkhZ izkxSfrgkfld iqjkrRo esa iz;qDr vk/kkjHkwr vo/kkj.kkvksa vkSj vkSj 'kCnkoy dk le>us ldsaxsA
- 2- fo|kFkhZ izkxSfrgkfld dkykuqØfed rFkk lkaLd`fr fu/kkZjdksa dh lw{erk ls tkjp djus rFkk le> ldsaxsA
- 3- fo|kFkhZ iqjkrkfRod ekuo foKku ds O;kogkfjd n`f"Vdks.k dks lw{erk ls ij[kus vkSj le> ldsaxsA

izkxSfrgkfld midj.kksa dh izdkj&rduhdh fo"ys'k.k % igpku] O;k[k; k rFkk fofHkUu izdkj ds midj.kksa dk js[kkfp= cukuk %

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B.A. SEMESTER – THIRD

Anthropology

ANH : SE -311

Tourism Anthropology

L	T	P	C
2	-	-	2

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. The students will learn about the historical development of the tourism and

tourism anthropology and how anthropology can contribute to the understanding of tourism.

2. They will also learn about various types of tourism and communization of culture for tourism and the impact of tourism on cultural degradation.
3. They will also about tourism in relation to globalization and local economy.

	Lectures
Unit-I : Tourism- Definition, History and Subject Matter	6
Unit-II : Theoretical Concerns: Anthropological aspects of tourism	6
Unit-III : Branches of Tourism; Tourism and The Commoditization of Culture or Cultural Degradation.	6
Unit-IV : Role of Museums and other Branches of the Cultural Industries (Including Music, Art, And Food) in Tourism Economies; Tourism and Local and Global Mobility.	6
Unit-V : Tourism as Pilgrimage, Tourist as Ethnographer, Authenticity Issues.	6

Essential Readings

1. Chambers, E. (2000). Native Tours: The Anthropology of Travel and Tourism. Prospect Heights: Waveland.
2. Gmelch, S.B. (2004). Tourists and Tourism: A Reader. Long Grove: Waveland.
3. Dann, G. (2002). The Tourist as a Metaphor of the Social World. Wallingford: CAB International.
4. Nash, D. (1996). Anthropology of Tourism. New York: Pergamon.
5. Kirshenblatt-Gimblett, B.(1998). Destination Culture: Tourism, Museums, and Heritage. University of California Press.

6. Lippard, LR. (1999). On the Beaten Track: Tourism, Art and Place. New Press.
7. Picard, M. and Wood, R. (1997). Tourism, Ethnicity, and the State in Asian and Pacific Societies. University of Hawai Press.
8. Tomaselli, K. G. (2012). Cultural Tourism and Identity, London, Brill.

Additional Readings

1. 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. 205-223.
2. Dann, G.M.S., Nash, D. and Pearce, P.L. (1988). Methodology in Tourism Research. Annals of Tourism Research. 15:1-28.
3. Graburn, N.H.H. (1977). Tourism: The Sacred Journey. Hosts and Guests: The Anthropology of Tourism. Valene L. Smith, ed. Philadelphia: University of Pennsylvania Press. 33-47.
4. Crick, M. (1994). Anthropology and the Study of Tourism: Theoretical and Personal Reflections. In Crick M (eds.). Resplendent Sites, Discordant Voices: Sri Lankans and International Tourism. Chur, Switzerland: Harwood Publishers.
5. Richard, B. (1992). Alternative Tourism: The Thin Edge of the Wedge. In Valene Smith and Eadington Tourism (eds.). Alternatives: Potentials and Problems in the Development of Tourism. University of Pennsylvania Press.
6. Wood, R. (1997). Tourism and the State: Ethnic Options and the Construction of Otherness. In Picard and Wood Tourism, Ethnicity and the State in Asian and Pacific Societies. University of Hawai Press.

ch- , - lsesLVj & r`rh;

ekuo foKku

ANH : SE - 311

lk;ZVu ekuo foKku

L	T	P	C
2	-	-	2

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

,.M lsesLVj - 60

,.M lsesLVj - 60

yfuZax vkmVdEI

bl i= ds v/;;u dk vkmVdEI gS %

- 1- fo|kFkhZ lk;ZVu ,oa i;ZVu ekuo foKku ds ,sfrgkfld fodkl ds ckjs esa tkusaxs rFkk fdl izdkj ekuo foKku i;ZVu esa ;ksxnku ns ldrk gSA
- 2- os i;ZVu ds fofHkUu izdkj rFkk i;ZVu gsrq laLd`fr ds lkE;hdj.k ,oa lkaLd`frd voufr ij i;ZVu ds izHkko ds ckjs esa tkusaxsA
- 3- os i;ZVu ds oS'ohdj.k rFkk LFkkuh; vFkZO;oLFkk ds IEcU/k esa tkusaxsA

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u**

bdkbZ&1 i;ZVu & ifjHkk'kk] bfrgkl ,oa fo"k; oLrqA

6

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2 % n`f"Vdks.kA

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bdkbZ& lk;ZVu dh "kk[kk,i] lk;ZVu ,oa laLd`fr dk okf.kT;dj.k ,oa
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4 % dyk rFkk vkgkj lfgr½] lk;ZVu rFkk LFkkuh; ,oa oSf'od
vFkZO;oLFkk dk IEcU/kA

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bdkbZ& rhFkZ ;k=k ds :lk esa lk;ZVu] u`oa'ko.kZufoKkuh ds :lk esa
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B.A. SEMESTER – FORTH

Anthropology

ANH : CC - 411

Tribal Anthropology

L	T	P	C
4	-	-	4

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the concepts of tribes, their classification and distribution.
2. They will learn about how tribes are linked with the wider world.
3. They will also learn about peasantry and how it is related to tribes.
4. From the practical component they will learn to read original ethnographies and extract relevant information from the same.

Lectures

Unit-I : Concept of Tribe, Scheduled Tribes and Particularly Vulnerable Tribal Groups. Tribes in India: Classification and Distribution based on Economic, Cultural, Linguistic and Racial Elements. Distribution of Particularly Vulnerable tribal Groups (PVTGs) of India	12
Unit-II : Constitutional Safeguards for the Tribal's. Fifth and Sixth Schedules, and Tribal Movements.	12
Unit-III : National Draft for Tribal Policies in India. Problems of Tribals: Land Alienation, Tribal Education, Tribal Health, Displacement, Rehabilitation.	12
Unit-IV : Economy: Forest Policies, Forest Tribes Interaction, Shifting Cultivation, Deforestation, Tribal Craft, Status of Women.	12
Unit-V : Tribal Development: Sustainable Development, Pre-independence and Post-independence Era, Role of Anthropologists and NGOs in tribal Development., Approaches for Sustainable Tribal Development: ITDA, TSP.	12

Essential Readings :

1. Behera, D.K and Georg pfeffer. Contemporary Society Tribal Studies, Volume I to VII. New Delhi: Concept Publishing Company
2. Vidarthi, L.P. and Rai. (2002). Applied Anthropology in India. New Delhi: Kitab Mahal.
3. Vidarrthy.L.P. and B.N. Sahay.(1980). Applied Anthropology and Development in India. New Delhi: National Publishing House.
4. Munshi, I. (2012). The Adivashi Question: Issues of Land, Forest, and Liveihood, New Delhi: Orient Blackswan Pvt. Ltd.
5. Virginious, X. (2014). Report of the High Level Committee on Socio-Economic, Health and Educational Status of Tribal Communities of India, Ministry of Tribal Affairs, Government of India.
6. Sengupta, N. (1988). Reappraising Tribal Movements – I to V, Economic and Political Weekly. 943-945, 1003-1005, 1054-1055, 1111-1112, 1153-1154.
7. Virginious, X. (1999). Tribes as Indigenous People of India in Economic and Political Weekly, 3589-3595.
8. Beteille, A. (1998). The Idea of Indigenous People in Current Anthropology, 39, 2, 187-192.
9. Srivastava, V. K. (2008). Concept of ‘ Tribe’ in the Draft National Tribal Policy Economic and Political Weekly, 29-35.
10. Behera, D.K and Georg pfeffer. Contemporary Society Tribal Studies, Volume I to VII. New Delhi: Concept Publishing Company.

Additional Readings;

1. The Gazette of India: Ministry of Law and Justice. 2007. The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. New Delhi.
2. The Gazette of India: Ministry of Tribal Affairs. 2012. The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Amendment Rules, 2012. New Delhi.
3. Government of India: Department of Social Justice. 1965. The Report of the Advisory Committee on the Revision of the Lists of Scheduled Caste and Scheduled Tribes.

ch,- lsesLVj & prqFkZ
tutkrh; ekuofoKku
ANH : CC - 411

L	T	P	C
4	-	-	4

vf/kdre vad : 100
 feM lsesLVj - 40
 (izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
 „M lsesLVj - 60

yfuZax vkmVdEI

bl i= dk yfuZax vkmVdEI gSa %

- 1- fo|kFkhZ tutkfr;ksa dh vo/kkj.kkvksa] muds oxhZdj.k rFkk forj.k ds ckjs esa tkusaxsA
- 2- os bl ckjs esa Hkh tkusaxs fd tutkfr;kj O;kid fo'o ls dSls tqM+h gSaA
- 3- os fdlkuksa ds ckjs esa Hkh tkusaxs rFkk ;g tutkfr;ksa ls dSls IEcfU/kr gSaA

- 4- os O;kogkfjd ?kVd ls okLrfod u`tkfro.kZu dk v;;u djsaxs rFkk mlh ds vuq:lk fu"d"kZ fudkyasaxsA

		O;k[k;k u
bdkbZ &1%	tutkfr] vuqlwfr tutkfr ,oa fo'ks"k :lk ls detksj tutkfr ¼ih-Ogh-Vh-th-½ dh vo/kkj.kkA Hkkjrh; tutkfr % vkfFkZd] lkaLd`frd] Hkk"kk;h ,oa iztkrh; rRo ds vk/kkj ij oxhZdj.k rFkk fo'ks"k :lk ls detksj tutkfr lewgksa ¼ih-Ogh-Vh-th-½ dk forj.kA	12
bdkbZ&2%	tutkfr ds fy, izn`Uk laoS/kkfud laj{k.k] ik;poA ,oa NBoha vuqlwph] tutkrh; vkUnksyuA	12
bdkbZ &3%	Hkkjrh; tutkfr gsrq tutkrh; uhfr IEcfU/kr jk"Vªh; izk:iA tutkrh; leL;k % Hkwfe gLrkarij.k] tutkrh; f'k{kk] tutkrh; LokLF;] iquokZI ,oa foLFkkuA	12
bdkbZ &4%	vkfFkZd laxBu % ou uhfr] ou ,oa tutkrh; ikjLifjd O;ogkj] >we [ksrh] fuoZuhdj.kA tutkrh; dyk] efgykvsas dh fLFkfrA	12
bdkbZ &5%	tutkrh; fodkl % lrr fodkl] Lora=rk iwoZ ,oa lk'pkr~ dk ;qx] tutkrh; fodkl esa ekuo foKku ,oa xSj&ljdkjh laLFkkvksa dh	12

HkwfedkA tutkfr;ksa esa LFkk;h fodkl dk ,izksp % vkbZ-
Vh-Mh-,] Vh-,l-ih-A

vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.A. SEMESTER – FORTH

Anthropology

ANH : CC - 412

L	T	P	C
-	-	2	2

Practical in Material Culture, Museology and Computer Application

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcome:

1. Students will learn different aspects of material culture in simple societies.
2. From the research project component they will study and understand the material culture of a cultural group.
3. They will learn about different museums and different preservation techniques.
4. They will be able to identify and use basic computer component and uses.

Practicals

Unit-I : Material Culture :

6

Basic Outline of Material Culture

- | | |
|-------------------------|------------------------------|
| (a) Food Gathering | (b) Hunting |
| (c) Fishing | (d) Agriculture |
| (e) Fire Making | (f) Land and Water Transport |
| (g) Musical Instruments | (h) Types of Habitations. |

Unit-II : Research Project :

6

To Prepare a Research Project Pertaining to any of the Cultural Group of Material Culture

Unit-III : Museology :

6

Definition, Concept and Types of Museum; Importance of Anthropological Museum and Basic Techniques of

Preservation.

Unit-IV : **Computer Application :** **6**

Application of Computer in Anthropological study and Research; Face to Face with Computer and Basic Knowledge of its Accessories

Unit-V : **Computer Application :** **6**

Introduction and Hands-on Practice of MS-Word, MS-Excel and MS-Power- Point

Essential Readings:

1. Cohen, Y. A. (1968). Man in Adaptation; The Cultural Present. Chicago: Aldine Pub. Co.
2. Redfield, R. (1965). Peasant Society and Culture an Anthropological Approach to Civilization. Chicago [u.a.]: Univ. of Chicago Press.
3. Lee, R. B. and DeVore, I. (1969). Symposium on Man the Hunter, Man the Hunter. Chicago: Aldine Pub. Co.
4. Dillion, R. S. (1969). Sacred Grove: Essays on Museums. New York: Simon and Schuster,.
5. Judy, D. (1999). Practical Evaluation Guide: Tools for Museums and Other Informal Educational Settings. Walnut Creek, Cal.: AltaMira Press,
6. Ronald, F.A. (2016). Statistical Methods for Research Workers. New Delhi, Agri Biovet Press.

Additional Readings;

1. Pearce, S.M. (1992). Museums, Objects and Collections: A Cultural Study. Leicester, U.K.: Leicester University Press.

ch,- lsesLVj & prqFkZ

ekuo foKku

ANH : CC - 412

L	T	P	C
-	-	2	2

izk;ksfxdh % HkkSfrd laLd`fr] laxzgky; foKku rFkk dEI;wVj vuqiz;ksx

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

yfuZax vkmVdEI %

bl i= dk yfuZax vkmVdEI gS %

- 1- fo|kFkhZ ljj lektksa dh HkkSfrd laLd`fr ds fofHkUu vk;keksa ds ckjs esa lh[k ldsaxsA
- 2- vuqla/kku ifj;kstuk ds ?kVd }kjk os fdLh lkaLd`frd lewg dh HkkSfrd laLd`fr dk v;;u vkSj mlds ckjs esa le> ldsaxsA
- 3- os fofHkUu laxzgky;ksa ds ckjs esa vkSj muds laj{k.k dh izfof/k;ksa dks lh[k ldsaxsA
- 4- os dEI;wVj ds fofHkUu ?kVdksa dks igpkuuk vkSj mldh mi;ksfxrk dks lh[k ldsaxsA

izk;ksfxdh

bdkbZ&1 HkkSfrd laLd`fr %

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HkkSfrd laLd`fr dh vk/kkjHkwr :ijs[kk %

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$\frac{1}{4}[k\frac{1}{2}$ vk[ksV

$\frac{1}{4}x\frac{1}{2}$ eRL;k[ksV

$\frac{1}{4}?k\frac{1}{2}$ d`f`k

$\frac{1}{4}M-\frac{1}{2}$ vfXu izToyu

$\frac{1}{4}p\frac{1}{2}$ Fky ,oa ty ifjogu

$\frac{1}{4}N\frac{1}{2}$ laxhr midj.k vkSj $\frac{1}{4}t\frac{1}{2}$ vkoklksa ds izdkj

6

bdkbZ&2 vuqla/kku ifj;kstuk %

%

fdLh Hkh lkaLd`frd lewg dh HkkSfrd laLd`fr ls

6

IEcfU/kr ,d vuqla/kku ifj;kstuk rS;kj djukA

bdkbZ&3 **laxzgky; foKku %** 6
% ifjHkk'kk] vo/kkj.kk ,oa laxzgky;ksa ds izdkj] ekuo foKku laxzgky; dk egRo rFkk ifjlaj{k.k dh vk/kkjHkwr izfof/k;kjA

bdkbZ&4 **dEI;wVj vuqiz;ksx %** 6
% ekuo foKku ds v;;u vkSj vuqla/kku ds {ks= esa dEI;wVj ds vuqiz;ksx(dEI;wVj rFkk mldh lkefxz;ksa ds vk/kkjHkwr Kku ls ifjpr gksukA

bdkbZ&5 **dEI;wVj vuqiz;ksx %** 6
% ,e,l&oMZ] ,e,l&,Dlsy rFkk ,e,l&ikWoj&ikWb.V dh tkudkjh izklr djuk rFkk vH;kl djuk

vuq'kaflr iqLrdas %
vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.A. SEMESTER – FOURTH

Anthropology

ANH : SE – 411

Public Health and Epidemiology

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
2	-	-	2

Learning Outcome:

The learning outcomes of this paper are :

1. The students will learn about basic concepts of health and disease.
2. They will also learn about various environmental determinants of health.
3. They will learn about the basics of epidemiology.
4. They will learn about communicable and non-communicable diseases.
5. They will learn about the basics of health planning and management with special reference to India.

Lectures

- Unit-I : Concept of Health and disease. Health and Culture. Public health : basic concept and dimensions. Government Health Infrastructure. Importance of Social Science and Biological Science in Health Care. 6
- Unit-II : Environmental and Health : Biological, Chemical and Physical 6

agents in Environment affecting human health. Ecological Model of Public health. Current legal provisions, policies and practices associated with Environmental Health and intended to improve Public Health.

- | | | |
|------------|---|---|
| Unit-III : | Epidemiology : Principles and Methods. Epidemiological Variables and Attributes. Applications of Epidemiological Techniques in Public Health. Concept and Methods of Genetic Epidemiology. Importance of Genetics in Public Health. | 6 |
| Unit-IV : | Epidemiology of Communicable and non-communicable disease : HIV/AIDS : Understanding Etiology. Preventive Measures for Cardiovascular and life style diseases. | 6 |
| Unit-V : | Health planning and management. Health Planning in India. National Health Policy. Statistical methods used for epidemiological studies. | 6 |

Essential Readings:

1. Park and Park (2019) Park's Text book of Preventive & Social Medicine, Publishers – Banarasidas Bhanot, Jabalpur.
2. Gordis, L. (2004). Epidemiology. Third edition. Philadelphia: Elsevier Saunders.
3. Remington, P.L., Brownson, R.C., and Wegner, M.V. (2010). Chronic Disease Epidemiology and Control. American Public Health Association.
4. Pagano, M. and Gauvreau, K. (2000). Principles of Biostatistics. Belmont, CA: Wadsworth.
5. Lee, L.M. (2010). Principles and Practice of Public Health Surveillance. Oxford University Press
6. Turnock, B. (2011). Essentials of Public Health. Jones & Bartlett Publishers
7. Merson, M., Black, R.E., and Mills, A. (2006). International Public Health: Diseases, Programs, Systems and Policies. Jones & Bartlett Learning.
8. Aschengrau, A. and Seage, G.R. (2008). Essentials of Epidemiology in Public Health. Boston, Massachusetts.
9. Cavalli-Sforza, L.L. (2015). The Genetics of Human Populations. New York, Dover Pub.
10. Bhende, Asha A. (2015). Principles of Population Studies. Mumbai, Himalaya Pub.

11. Kala, A.K. (2004). Tribal Health and Medicine. New Delhi, Concept Publishing Comp,Pvt. Lmd.
- Calabrese, J.D. (2013). A Different Medicine. New York, Oxford

Additional Readings:

1. Turnock, B. (2011). Public Health. Jones & Bartlett Publishers.
2. Edberg, M. (2013). Essentials of Health Behavior. Social and Behavioral Theory in Public Health. Second Edition, Jones and Bartlett Publishers.
3. Griffith, J.R. and White, K.R. (2010). The Well-Managed Healthcare Organization. Health Administration Press: Chicago, IL.
4. Kovner, A.R., McAlearney, A.S. and Neuhauser, D. (2013). Health Services Management: Cases, Readings, and Commentary. 10th Ed. Chicago, IL: Health Administration Press.

ch- ,- lsesLVj & prqFkZ

ekuo foKku

ANH : SE – 411

tuLokLF; ,oa egkekjh foKku

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

L	T	P	C
2	-	-	2

yfuZax vkmVdEI %

- 1- fo|kFkhZ LokLF; vkSj chekjh dh vk/kkjHkwr vo/kkj.kkvksa ds ckjs tkusaxsA
- 2- os LokLF; ds fofHkUu lk;kZoj.kh; fu/kkZjdxsa ds ckjs esa tkusaxsA
- 3- os egkekjh foKku dh ewy ckrsa lh[kasxsA
- 4- os lapkjh vkSj xSj&lapkjh jksxksa ds ckjs esa tkusaxsA
- 5- os Hkkjr ds fo'ks"k lanHkZ esa LokLF; ;kstuk vkSj izcU/ku dh ewy ckrsa lh[kasxsA

O;k[k];ku

bdkbZ LokLF; vkSj jksx dh vo/kkj.kkA LokLF; vkSj laLd`frA
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bdkbZ	lk;kZoj.k vkSj LokLF; % lk;kZoj.k ds tSfod jklk;fud vkSj	6
&2%	HkkSfrd dkjd tks ekuo LokLF; dks izHkkfor djrs gSaA lkoZtfud LokLF; dk ikfjfLFkfrd ekWMyA lkoZtfud LokLF; ,oa lk;kZoj.kh; LokLF; dks csgrj cukus gsrq orZeku dkuwuh izko/kku] uhfr;kj ,oa m eA	
bdkbZ	egkekjh foKku % fl)kUr vkSj izfof/k;kjA egkekjh foKku ds	6
&3%	dkjd ,oa miknkuA tu LokLF; gsrq egkekjh foKku ds rduhdksa ds vuqiz;ksxA vkuqokaf'kd egkekjh foKku dh vo/kkj.kk ,oa izfof/k;kjA lkoZtfud LokLF; esa vkuqokaf'kdh dk egRoA	
bdkbZ	laØked ,oa vlaØked jksxksa dh egkekjh foKkuA	6
&4%	,pvkbZoh@,M~l % dkjd ,oa funkuA g`n; jksx vkSj thou 'kSyh dh chekfj;ksa ds fy, fuokj.k ds mik;A	
bdkbZ	LokLF; ;kstuk vkSj izcU/kuA Hkkjr esa LokLF; ;kstukA	6
&5%	jk"V ^a h; LokLF; uhfrA egkekjh foKku ds v/;;u ds fy, mi;ksx fd;s tkus okyh lkaf[;dh; izfof/k;kjA	

vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.A. SEMESTER – FIFTH

Anthropology

ANH :EC -511

Human Biology

L	T	P	C
4	-	-	4

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the use of various markers of biological variation.
2. They will learn about the mechanisms of human adaptability.
3. From the practical component they will learn about the use of blood group antigens and dermatoglyphic traits in measuring biological diversity.

Lectures

Unit-I :	Human Genetics: Aims and Scope, Cell: Cell Division, Role of Mitotic and Meiotic Cell Division. Chromosomes, Genes: Concept of DNA and RNA. Laws of Heredity, Mechanism of Heredity. Type of Inheritance: Sex Linked, Autosomal, Dominant and Recessive.	12
Unit-II :	Inheritance of ABO Blood Groups and PTC, Genetic Counseling, Cloning. Difficulties in Studying Human Genetics, Methods of Investigation in Human Genetics: Population Genetics, Biochemical Genetics and Cyto Genetics; Twin Methods, Pedigree Method.	12
Unit-III :	Ecology: Definition and Scope, Varieties of Human Ecosystems, Environmental Pollution. Human Growth and Development: Definition and Scope, Methods of Studying Human Growth: Longitudinal, Semi-Longitudinal and Cross-Sectional. Retarded Growth, Growth Spurt, Ageing,	12
Unit-IV :	Nutritional Requirements for Normal Growth, Malnutrition, Under-Nutrition. Retarded Growth, Growth Spurt, Ageing, Nutritional Requirements for Normal Growth, Malnutrition, Under-Nutrition.	12
Unit-V :	Biological Demography: Definition Importance and Scope, Demographic Profiles: Fertility, Mortality, Morbidity.	12

Essential Readings:

1. Bogin, B. (1999). *Patterns of Human Growth*. Cambridge University Press.
2. Frisancho, R. (1993). *Human Adaptation and Accommodation*. University of Michigan Press.
3. Cameron, N. and Bogin, B. (2012). *Human Growth and Development*. Second edition, Academic press Elsevier.
4. Harrison, G.A. and Howard, M. (1998). *Human Adaptation*. Oxford University Press.
5. Harrison, G.A., Tanner, J.M., Pibeam, D.R., Baker, P.T. (1988). *Human Biology*. Oxford University Press.
6. Malina, R.M., Bouchard, C., Oded, B. (2004). *Growth, Maturation, and Physical Activity*. Human Kinetics.
7. McArdle, W.D., Katch, F.I., Katch, V.L. (2001). *Exercise Physiology: Energy, Nutrition, and Human Performance*.
8. Singh, I., Kapoor, A.K., Kapoor, S. (1989). Morpho-Physiological and Demographic Status of the Western Himalyan Population. In Basu and Gupta (eds.). *Human Biology of Asian Highland Populations in the Global Context*.
9. Sinha, R. and Kapoor, S. (2009). *Obesity: A Multidimensional Approach to Contemporary Global Issue*. Dhanraj Publishers. Delhi.
10. Griffiths, A.J.F. (2002). *Modern Genetic Analysis: Integrating Genes and Genomes*. WH Freeman Press.
11. Griffiths, A.J.F., Wessler, S.R., Carroll, S.B., and Doebley, J. (2011). *An Introduction to Genetic Analysis*. Macmillan Higher Education.
12. Cavalli-sforza, L.L., Menozzi, P., and Piazza, A. (1994). *History and Geography of Human Genes*. Princeton University.
13. Cummings, M.R. (2011). *Human Heredity: Principles and Issues*. Brooks/Cole, Cengage Learning
14. Jobling, M., Hurls, M. and Tyler-Smith, C. (2004). *Human Evolutionary Genetics: Origins, Peoples & Disease*. New York: Garland Science.
15. Lewis, R. (2009). *Human Genetics: Concepts and Application*. The McGraw–Hill Companies, Inc.
16. Patch, C. (2005). *Applied Genetics in Healthcare*. Taylor & Francis Group
17. Vogel, F. and Motulsky, A.G. (1996). *Human Genetics*. Springer, 3rd revised edition.

Additional Readings:

1. Strachan, T. and Read, A.P. (2004). Human Molecular Genetics. Garland Science.
2. Brown, T.A. (2007). Genomes. Garland Science.
3. Snustad, D.P. and Simmons, M.J. (2006). Principles of Genetics, Fourth Edition, John
4. Giblett, E.R. (1969). Genetic Markers in Human Blood. Blackwell Scietific, Oxford.
5. Kapoor, A.K. and Kapoor, S. (1995) Biology of Highlanders. Vinod Publisher and Distributor.
6. Kathleen, K. (2008). Encyclopedia of Obesity. Sage Publication.

ch- ,- lsesLVj & iape

ekuo foKku

ANH : SE - 511

tSfod ekuo foKku

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

L	T	P	C
4	-	-	4

yfuZax vkmVdEI :

bl i= yfuZax vkmVdEI gS %

1- fo|kFkhZ tSodh; fofHkUurkvksa dks fpUgdksa ds mi;ksx ds ckjs esa lh[kasxsA

2- os ekuo vuqdwyu'khyrk ds ra= ds ckjs esa lh[kasxsA

3- os O;kogkfjd ?kVd ls tSfod fofo/krk dks ekus esa jDr lewg ,aVhtu rFkk MesZVksXysfQDI y{k.kksa ds mi;ksx ds ckjs esa lh[ksaxsA

O;k[k;ku

12

bdkbZ ekuo vkuqoaf"kdh % y{; ,oa fo'k; {ks+=A

&1% dksf"kdK % dksf"kdK foHkktu] lelw=h ,oa v)Zlw=h dksf"kdK foHkktu dh HkwfedkA

xq.klw=] thu] Mh+ +,u+ +, +rFkk vkj- ,u- ,+ + dh vo/kkj.kk]

vkuqoaf"kdK dk fu;e] vkuqoaf"kdh dh fØ;kfof/kA

vkuqoaf"kdK ds izdkj % fyax lgyXu] vkVkslksey] izHkkoh rFkk vizHkkohA

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vkuqoaf"kdh ds vUos'k.k dh fof/k;kj % lef'V vkuqoaf"kdh]

thojlk;fud vkuqoaf"kdh] dksf"kdK vkuqoaf"kdh] ;et ,oa

oa"kkoyh fof/k;kj A

bdkbZ fo"o dh izeq[k iztkfr;ka ,oa muds izeq[k mi[kM] Hkkjr ds

12

&3% iztkrh; rRo] iztkrh; oxhZdj.k A

ikfjLFkfrdh % ifjHkk'kk rFkk fo'k; {ks=] ekuo ifjLFkfrd rU=

ds fofHkUu izdkj] i;kZoj.k iznw'k.k A

bdkbZ "kkjhfd lao`f) rFkk fodkl % ifjHkk'kk rFkk fo'k; {ks=] "kkjhfd

12

&4% lao`f) ds v/;;u dh fof/k;kj % vuqnS;/Z] v)Z&vuqnS;/Z rFkk

vuqizLFkdV (cross-sectional) fof/k;kjA
 eafnr lao`f)] izosx] o;kso`f)] lkekU; “kkjhfd lao`f) ds fy;s
 vko”;d iks’k.k rRo] dqiks’k.k] U;wuiks’k.kA

bdkbZ tSodh; tukafddh % ifjHkk’kk] egRo ,oa {ks=} tukafddh ifjn`”; 12
 &5% % iztuu {kerk] e`R;qnj] :X.krkA

vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n”kkZ;s vuqlkj

B.A. SEMESTER – FIFTH

Anthropology

ANH : EC -512

Practical in Serology and Dermatoglyphics

L	T	P	C
-	-	2	2

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about serology, dermatoglyphics and its scope along with applications.
2. From the practical component they will learn about recording, determining and comparing fingerprints.
3. They will learn about the measuring techniques of colour blindness.
4. They will also learn about the physiological measurement by various parameters.

Unit-I : ABO and Rh Blood Groups **6**

Unit-II : Colour Blindness **6**

Unit-III : Physiology – Blood Pressure, Pulse Rate, Body Temperature. **6**

Unit-IV : Dermatoglyphics – Methods of Taking Palm and Finger Prints and their analysis. **6**

Unit-V : Practical in Growth Status, Obesity Assessment & Nutritional Assessment. **6**

* Each candidate has to conduct the above experiments on atleast 10 subjects.

ch- , - lsesLVj & iape

ekuo foKku

ANH : EC – 512

L	T	P	C
-	-	2	2

izk;ksfxdh % jDr foKku ,oa RopkjS[kh; foKku

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

,.M lsesLVj - 60

yfuZax vkmVdEI :

bl i= yfuZax vkmVdEI gS %

- 1- fo|kFkhZ jDrfoKku] RopkjSf[kdhfoKku $\frac{1}{4}$ MesZVksXysfQDI $\frac{1}{2}$ vkSj vuqiz;ksxksa lfgr buds {ks= ds ckjs esa le>saxsA
- 2- O;kogkfjd ?kVd ls os vaxqyh fpUgksa rFkk gFksyh fpUgksa dh vfHkys[ku $\frac{1}{4}$ fjdkWfMZax $\frac{1}{2}$,oa rqyuk ds ckjs esa tkuaasxsA
- 3- os o.kkZU/krk ds eku izfof/k ds ckjs esa tkusaxsA
- 4- os fofHkUu ekin.Mksa }kjk 'kkjhfdh eku ds ckjs esa Hkh tkusaxsA

O;k[;ku

vkuqokaf"kd y{k.k

bdkbz , ch vks rFkk vkj,p jDr lewg

6

Z&1

bdkbz o.kkZU?kzrk

6

Z&2

bdkbz fQft;ksyKWth & jDr pki] ukM+h nj] "kjhj rkieku

Z&3 6

bdkbz RopkjS[kh;foKku & gFksyh ,oa vaxqyh ds fpUgksa dks ysus dh

Z&4 fof/k;kj rFkk mudk 6

fo'ys"k.k

bdkbz lao`f) izfLFkfr]% eksVkik vkadyu ,oa iks'k.k vkadyuA

Z&5 6

* izR;sd fo|kFkhZ mijksDr IHkh izk;ksfxd dk;Z 10 O;fDr;ksa ij IEiUu djsaxsA

vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.A. SEMESTER – FIFTH

Anthropology

ANT : SE - 511

Business and Corporate Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester – 60

L	T	P	C
2	-	-	2

Learning Outcome:

The learning outcomes of this paper are:

1. The students will learn about the corporate and business world and what anthropology can do to understand this world better.
2. They will also learn about consumer behaviour, globalization, and methods of conducting research in business world.

Lectures

Unit-I : Business and Corporate Anthropology: History and Subject Matter.	6
Unit-II : Applied Anthropology in Industry, Application of the Ethnography in Business Management.	6
Unit-III : Anthropology and Consumer Behaviour.	6

Unit-IV :	Globalization, International Trade and Anthropology.	6
Unit-V :	Techniques for Conducting Fieldwork for Business Organizations.	6

Essential Readings:

1. Jordan, Ann T. : Business Anthropology. Waveland Press, Long Grove, Illinois.
2. Denny, R.M. : Handbook of Anthropology in Business by.

Additional Readings:

1. Whyte, W.F. (1948). Incentives for Productivity: The Case of the Bundy Tubing Company Applied Anthropology 7(2):1-16
2. Gardner, Burleigh B. (1978). Doing Business with Management. In Applied Anthropology in America, Elizabeth M. Eddy and William Partridge (Eds.).New York: Columbia University Press, 245- 260.
3. Tian, R.G., Zhu, D., and Marrewijk, A.V. Advanced reading in Business Anthropology

**ch- ,- lsesLVj & iape
ekuo foKku
ANT : SE -511
O;kikj ,oa dkWikszjsV ekuo foKku**

L	T	P	C
2	-	-	2

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+Irr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
„M lsesLVj - 60

yfuZax vkmVdEI :

bl i= yfuZax vkmVdEI gS %

- 1- fo|kFkhZ dkWikszjsV vkSj O;kolkf;d nqfu;k ds ckjs esa tkusaxs rFkk bls csgrj le>us ds fy, ekuo foKku D;k ;ksxnku ns ldrk gSA
- 2- os miHkksDrk O;ogkj] Hkwe.Myhdj.k vkSj O;kolkf;d nqfu;k esa vuqLa/kku djus dh izfof/k;ksa dks lh[k ldsaxsA

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bdkbZ&1 O;kikj ,oa dkWjksjsV ekuo foKku % bfrgkl ,oa 6
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bdkbZ&2 m|ksx esa O;ogkfjd ekuo foKku] O;olk; izcU/ku esa 6
% u`tkfrfoKku ds vuqiz;ksxA

bdkbZ&3 ekuo foKku rFkk miHkksDrk O;ogkjA 6

%

bdkbZ&4 oS”ohdj.k] vUrjZ’V^ah; O;kikj rFkk ekuo foKkuA 6

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bdkbZ&5 O;kikjfd laxBuksa ds fy, {ks=h; dk;Z lapkyu dh izfof/k;kj 6

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vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n”kkZ;s vuqlkj

B.A. SEMESTER – FIFTH

Anthropology

ANT : GE - 511

Applied Anthropology

L	T	P	C
-	-	-	6

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about applied anthropology and its various fields in which anthropological knowledge can be applied.
2. They will also learn about application of anthropological knowledge for the welfare and development of rural, tribal, vulnerable groups of people.
3. They will learn about application of anthropological knowledge in the field of

modernization, industrialization, urbanization, education, defense, sports, health and medical counseling.

	Lectures
Unit-I : Meaning Concept & Scope of Anthropology & Main Branches of Anthropology.	14
Unit-II : Applied Biological Anthropology: Anthropology of Sports, Nutritional Anthropology, Designing of Defense Equipments, Defense Services. Medico - Legal Genetics, Eugenics and Forensic Applications.	14
Unit-III : Applied Socio-Cultural Anthropology. Applied & Action Anthropology and its Application in Education and Developmental Programmes.	14
Unit-IV : Application of Anthropological Theory and Methodology in the Field of Tribal/Rural Development & Public Health, Medical Tourism.	14
Unit-V : Contribution of Tribal/Rural Peoples in Biodiversity, Bio-Conservation, Forest Management & Traditional Knowledge.	14

Essential Readings:

- 1 Curt, S. (1968). Principles of Human Genetics. Eurasia Publishing House (Pvt.) Ltd., Ram Nagar, New Delhi-1(India).
- 2 Das, B. M. (2008). Outlines of Physical Anthropology. Kitab Mahal. Allahabad, India.
- 3 Margaret, A.G. (2003). Applied Anthropology: A Career-Oriented Approach, Boston, MA: Allyn and Bacon.
- 4 Vidyarthi, L.P. (1968). Applied Anthropology in India. Kitab Mahal. Allahabad, India.
- 5 gluSu] unhe ¼2013½- tutkrh; Hkkjr] tokgj ifCy"klZ ,.M fMLVhC;qVIZ] ubZ fnYyhA

Additional Readings;

1. Roy, I.B. (2003). Anthropology the study of Man. S. Chand & Company PVT. LTD. New Delhi. India.

2. Wiley, S.A. and Allen, J.S. (2009). Medical Anthropology : A Bio-cultural Approach. Oxford University Press. New York.

**ch- ,- lsesLVj & iape
ekuo foKku
ANT : SE -511
O;ogkfjd ekuo foKku**

L	T	P	C
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**vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+Irr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
,.M lsesLVj - 60**

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- 1- fo|kFkhZ O;kogkfjd ekuofoKku vkSj bls fofHkUu {ks=ksa ds ckjs esa
lh[kasxs ftles ekuo'kkL=h; Kku iz;qDr gksrk gSA
- 2- os] xzkeh.k] tutkrh; ,oa detksj oxZ ds yksxksa ds dY;k.k ,oa fodkl ds
fy, O;kogkfjd ekuofoKku ds vuqiz;ksx dks tkusaxsA

3- os] vk/kqfudhdj.k] vkS|ksfxdhdj.k] uxjhdj.k] f'k{kk] j{kk] [ksydwn]
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B.A. SEMESTER – SIXTH

Anthropology

ANT : EC -611

Field Dissertation

Maximum Marks : 100

L	T	P	C
-	-	-	6

The **Field Work Based Dissertation** will be carried out under the guidance of faculty member. Its supervisors shall be allotted by Departmental Committee. The students shall be required to submit 2 copies of typed/written record of dissertation which shall be examined as per ordinance of the University. The Distribution of Marks for the Valuation of Field Dissertation will be as Follows:

Open Presentation	20 Marks
Concise Dissertation	60 Marks
Viva-Voce	20 Marks
Total	100 Marks

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AN EC - 611

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vf/kdre vad : 100

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L	T	P	C
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B.A. SEMESTER – SIXTH

Anthropology

ANT : SE - 611

Visual Anthropology

L	T	P	C
2	-	-	2

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. The students will learn about visual anthropology and its scope.
2. They will learn about the theories of representation in visual media.
3. They will also learn about ethnographic films and photography.

Lectures

Unit-I : Visual Anthropology: Definition, Scope, Relevance and Key Concepts.	6
Unit-II : Photographic and Digital Media: Still, Interactive and Moving.	6
Unit-III : Ethnographic Photography: Colonialism and Exhibited others; Photography as Research Method, Photographic Essays.	6
Unit-IV : Documentary and Ethnographic Film, Role of digital media in Development.	6
Unit-V : Cinema Studies, Theory of Representation	6

Essential Readings:

1. Banks , M. and Murphy, H. (1997). The Visual in Anthropology: In Rethinking Visual Anthropology, eds. New Haven: Yale University Press.
2. Griffiths, A. (2002). Wondrous Difference: Cinema, Anthropology and Turn-of-the-Century Visual Culture. New York: Columbia University Press.
3. Collier, J. and Collier, M. (1986). Visual Anthropology: Photography as a Research Method. Albuquerque: University of New Mexico Press.
4. Banks, M. and Ruby, J. (2011). Made do Be Seen. Perspectives on the History of Visual Anthropology. University of Chicago Press [Practical]
5. Schneider, A. and Wright, C. (2010) Between Art and Anthropology: Contemporary Ethnographic Practice. Berg Publishers[Practical]
6. Henley, P. (2010). The Adventure of the Real. Jean Rouch and the Craft of Ethnographic Cinema. Chiacago University Press [Practical]
7. Pink, S. (2010). Doing Sensory Ethnography. Sage Publications [Practical]
8. Grimshaw, A. and Ravetz, A. (2009). Observational Cinema. Anthropology, Film, and the Exploration of Social Life. Indiana University Press [Practical]
9. Wortham, Erica cusi (2013). Indigenous media in mexico. London Duke University Press.
10. Khoblauch, Hubert. (2012). PowerPoint, communication and the knowledge. New York Cambridge Press.
11. Scales C.A. (2012). Recording Culture. London duke university press.
12. Feng, Jin (2013). Romancing the internet. Boston Brill Publication.
13. xksLokeh] izsepUn ¼2015½- vk/kqfud Hkkjrh; fp=dyk ds vk/kkj LrEHk-t;iqj jktLFkku fgUnh xzUFk vdkneh] jktLFkku-
14. Vince John. (2004). Introduction of Virtual Reality. London Springer publication.

Additional Readings:

1. Banks, M. and H. Morphy, eds. (1997). Introduction: Rethinking Visual Anthropology. In Banks, M, and H. Morphy. Eds. Rethinking Visual Anthropology, 1-35. New Haven: London: Yale University Press.
2. Ruby, J. (1996). Visual Anthropology. In Encyclopedia of Cultural Anthropology, David Levinson and Melvin Ember, eds. New York: Henry Holt and Company, 4: 1345- 1351.
3. MacDougall, D. (1991). Whose Story Is It? Visual Anthropology Review, 7 (2): 2-10.
4. Jacknis, I. (1988). Margaret Mead and Gregory Bateson in Bali: Their Use of Photography and Film. Cultural Anthropology, 3 (2): 160-177.
5. Corbey, R. (1993). Ethnographic Showcases 1870-1930. Cultural Anthropology, 8 (3): 338-369.
6. Harper, D. (1987). The Visual Ethnographic Narrative. Visual Anthropology, 1: 1-19.
7. Newton, J. (1998). Beyond Representation: Toward a Typology of Visual Behavior. Visual Anthropology Review, 14 (1): 58-72.
9. Sprague, S. (1978). How I See the Yoruba See Themselves. Studies in the Anthropology of Visual Communication, 5 (1): 9-28.
10. Orrantia, J. (2012). Where the Air Feels Heavy: Boredom and the Textures of the Aftermath. Visual Anthropology Review, 28 (1): 50-69.
11. Ember C.R. (2011). Anthropology. New Delhi: Dorling Kinderslay. [Unit II, III, IV (Page: 282-321, 430-438, 464, 469-471)]
12. Vince, J. (2004). Introduction to Virtual Reality. London, Springer Verlag.
13. Scales, C.A. (2012). Recording Culture. London, Duke University Press.
14. Eischer, M. D. (2006). Application in computing for social Anthropologist. London, routledge.

**ch- ,- lsesLVj & NBokj
ekuo foKku
ANT : SE -611
n`'; ekuo foKku**

L	T	P	C
2	-	-	2

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+lrr vkUrfjd ewY;kadu 15+mifLFkfr 05)
,.M lsesLVj - 60

yfuZax vkmVdEI

bl i= dk yfuZax vkmVdEI gS %

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- 2- os n`'; ek;/e ls izfrfuf/kRo ds fl)karksa ds ckjs esa tkusaxsA
- 3- os u`tkfrfoKku pyfp=ksa rFkk Nk;kfp=.k ds ckjs esa Hkh lh[ksaxsA

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B.A. SEMESTER – SIXTH

Anthropology

ANT : GE - 611

Anthropology of Religion and Symbol

L	T	P	C
-	-	-	6

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning outcomes:

The learning outcomes of this paper are:

1. The students will learn about anthropological approach to understanding religion.
2. They will also learn about how religion and symbol interface with each other.
3. From the practical component they will learn how to conduct a case study of one of the religions.

Lectures

- Unit-I : Concept of Sacred- Evolution of Anthropological Theories to 14
explain the Sacred and its Relevance in Human Societies: Edward
Tylor, James Frazer Herbert Spencer, Rudolph Otto, Emile
Durkheim, B. Malinowski, A.R. Radcliffe-Brown , M.N. Srinivas ,
Melford Spiro.
- Unit-II : Sacred Symbols: E.E. Evans Pritchard, Sherry Ortner, Clifford 14
Geertz, Mary Douglas , Victor Turner
- Unit-III : Rituals: Functions: Durkheim and Radcliffe Brown , Max 14
Gluckmann, Roy Rappaport

Rituals: Symbolism and Meaning, Van Gennep, Edmund Leach,
Marshall Sahlins, and Clifford Geertz

Unit-IV :	Religious Specialists: Shamans, Priests, Yogis, Mystics.	14
Unit-V :	Witchcraft and Magic: Traditional and Modern	14

Essential Readings :

1. Michael Lambeck, Malden. (ed). (2002). A Reader in the Anthropology of Religion. Blackwell.
2. Ninian Smart, C.A. (1998). Dimensions of the Sacred: An Anatomy of World's Beliefs University of California Press.
3. Fields, Tr. Karen E. (1995). Elementary Forms of religious Life by Emile Durkheim. New York, Free Press reprint.
4. Turner, V. (1969). The Ritual Process: Structure and Anti-Structure. Aldine Chicago.
5. Douglas, M. (1996) Natural Symbols: Explorations in Cosmology. Routledge.
6. Arnold Van, G. (1960). Rites of Passage. University of Chicago Press.
7. Clifford, G. (1980). Negara: The Theatre State. Princeton University Press.

Additional Readings:

1. Harper and Row. (4th ed). (1979). A Reader in Comparative Religion by Lessa and Vogt. New: York,

**ch- ,- lsesLVj & NBokj
ekuo foKku
ANT : SE -611
/keZ vkSj izrhd dk ekuo foKku**

L	T	P	C
2	-	-	2

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
,.M lsesLVj - 60

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- 1- fo|kFkhZ /keZ dks le>us ds fy, ekuo'kkL=h; n`f"Vdks.k ds ckjs esa lh[ksaxsA
- 2- os ;g Hkh lh[ksaxs fd /keZ vkSj izrhd ,d nwljs ls dSls vUrlZEcfU/kr gSA
- 3- O;kogkfjd ?kVd ls os lh[kasxs fd fdlh ,d /keZ dh dsl LVMh dSls fd;k tk,A

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,e- ,u- Jhfuokl] esyQksYM LikbjksA

bdkbZ&2 ifo= fpUg % bZ- bZ- bokUI fizpkMZ] 'ksjh vksVZuj] **6**
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B. Sc.
FIRST SEMESTER
SYLLABUS (CBCS)



2022-24

ANTHROPOLOGY

Dr.H.S.Gour Vishwavidyalaya, Sagar (M.P.)
(A Central University)

Department of Anthropology
Dr. HariSingh Gour Vishwavidyalaya, Sagar M.P.
(A Central University)
B.Sc. (Anthropology): 3 Years Programme: 6 Semester
2022-24

Course Opted	Course Name	Credits	Marks
Semester I			
ANT:CC -111	Biological Anthropology	4	100*
ANT:CC -112	Practical in Anthropometry and Somatoscopy	2	100*
Semester II			
ANT:CC -211	Socio-Cultural Anthropology	4	100*
ANT:CC -212	Practical in Methods & Technique of Social Anthropology	2	100*
Semester III			
ANT:CC -311	Archaeological Anthropology	4	100*
ANT:CC -312	Practical in Archaeological Anthropology	2	100*
ANT: SE-311	Tourism Anthropology	2	100*
Semester IV			
ANT:CC -411	Tribal Anthropology	4	100*
ANH:CC -412	Practical in Material Culture, Museology and Computer Application	2	100*
ANT:SE -411	Public Health and Epidemiology	2	100*
Semester V			
ANT: EC -511	Human Biology	4	100*
ANT: EC -512	Practical in Serology and Dermatoglyphics	2	100*
ANT: SE-511	Business and Corporate Anthropology	2	100*
ANT:GE-511	Applied Anthropology	6	100*
Semester VI			
ANT:EC-611	Field Work Dissertation	6	100*
ANT:SE-611	Visual Anthropology	2	100*
ANT:GE-611	Anthropology of Religion and Symbol	6	100*

***Total Marks 100: Mid Semester = 40: 20 +20 (15+05) and End Semester.- 60**

B. Sc. SEMESTER – FIRST

Anthropology

ANT : CC -111

Biological Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
4	-	-	4

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about various theories related to human evolution and variation.
2. They will learn about history of physical Anthropology and how it is related to other disciplines.
3. They will also learn about the relationship between non-human and human primates.
4. From the practical component they will learn about how to measure and study various parts of the human body.

Lectures

Unit-I :	What is anthropology? Its definition, branches and history. Definition and Scope of Physical/Biological Anthropology. Relationship of Physical/Biological Anthropology with Allied Discipline. Fundamental of Physical/Biological Anthropology: Human Evolution, Human Variation, Human genetics, Human growth and development. Concepts of Medical Anthropology, Dental Anthropology, Forensic Anthropology and Sports Anthropology.	12
Unit-II :	Origin of universe and evolutionary history of life. The Evidence and Theories of Organic Evolution: Lamarckism, Neo-Lamarckism, Darwinism, Synthetic Theory, Mutation and Neo-Mutation Theory. Classification and Characteristics of Living Primates. Geographical Distribution and Main Physical Characteristics of Prosimii (Lemuriforms, Lorisiformes, Tarsiformes)	12
Unit-III :	Fossils Evidence of Human Evolution : Australopithecus. Homo Erectus : Pithecanthropus Erectus (Java Man), Sinanthropus Pekinesnsis (Peking Man), Homo Neanderthalensis : Progressive and Conservative. Homo-Sapiens : Cro-Magnon, Chancelade, Grimaldi.	12
Unit-IV :	Geographical Distribution and Main Physical Characteristics of Anthropeidea (New World Monkeys and Old World Monkeys), Pongidae (Gibbon, Orangutan, Chimpanzee, Gorilla).	12
Unit-V :	Great Division of Mankind. A Comparative Account of Various Racial Classification (Hooton, Deniker, Resley and Guha). UNESCO Statement of Race. Recent Understanding of Human Biological Categories in The Context of Human Genome Research.	12

Essential Readings :

1. Bernard, H.R. (1940). Research Methods in Cultural Anthropology. Newbury Park: Sage Publications.
2. Davis, K. (1981). Human Society. New Delhi: Surjeet Publications.
3. Ember, C.R. (2011). Anthropology. New Delhi: Dorling Kindersley.
4. Ferraro, G. and Andreatta, S. (2008). In Cultural Anthropology: An Applied Perspective. Belmont: Wadsworth.
5. Harrison, G.A. (2004). Human Biology: An Introduction to Human Evolution Variation Growth and Adaptability. New-York. Oxford University Press.
6. O'reilly, K. (2012). 'Practical Issues in Interviewing' Ethnographic Methods. Abingdon: Routledge
7. O'reilly, K. (2012). Ethnographic Methods. Abingdon: Routledge.
8. Parsons, T. (1968). The Structure of Social Action. New York: Free Press
9. Rapport, N. and Overing, J. (2004). Key Concepts in Social and Cultural Anthropology. London: Routledge.
10. Reddy, V.R. (2012). Current Trends in Human Genetics and Physical Anthropology. Tirupati. V. Indira.
11. Harrison, G.A. (2004). Human Biology: An Introduction to Human Evolution Variation Growth and Adaptability. New-York. Oxford University Press.
12. Reddy, V.R. (2012). Foundations of Physical Anthropology and Human Evolution. Tirupati. V. Indira.

Additional Readings

1. Lang, G. (1956). Concept of Status and Role in Anthropology: Their Definitions and Use. The American Catholic Sociological Review. 17(3): 206-218
2. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods' In Notes and Queries on Anthropology. London: Routledge & Kegan Paul Ltd.
3. Delaney, C. (2004). Orientation and Disorientation In Investigating Culture: An Experiential Introduction to Anthropology. Wiley-Blackwell.
4. Beattie, J. (1964). Other Cultures. London: Cohen & West Limited.
5. Stanfield, J.H. (2011). Rethinking Race and Ethnicity in Research Methods. C.A. Lett Coast Press.
6. Boonin, D. (2011). Should Race Matter? N.Y. Cambridge University Press.

**ch- ,llh- lsesLVj & izFke
ekuo foKku
ANT:CC -111
tSfod ekuo foKku**

L	T	P	C
4	-	-	4

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)
,.M lsesLVj - 60

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- 1- fo|kFkhZ ekuo mn~fodkl vkSj fofHkUurk ls IEcfU/kr fofHkUu fl)karksa ds ckjs esa tkusaxsA
- 2- os tSfod ekuo foKku ds bfrgkl ds ckjs esa lh[kasxs rFkk ;g tkusaxs fd ;g vU; fo"k;ksa ls dSlS IEcfU/kr gSA
- 3- os xSj&ekuo rFkk ekuo izkbesV ds chp LFkfkfr IEcU/kksa ds ckjs esa Hkh tkusaxsA
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12

5% fofHkUu iztkrh; oxhZdj.k dh rgyukRed x.kuk@v;;u ¼gwVu]
 nsuhdj] fjtys rFkk xqgk½ iztkfr dk ;wusLdks dFkuA ekuo thu&lewg
 vuqla/kku ds lanHkZ esa ekuo tSfod Jsf.k;ksa dh orZeku lgefr

vuq'kaflr iqLrdas %

- 1- pkScs] jes'k ¼ ½ 'kkjhfdj ekuo foKku] e/;izns'k fgUnh xzUFk vdkneh]
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- 2- 'kekZ] ,-,u-,oa ,u-,e- 'kekZ ¼1996½% vfHkO;fDr izdk'ku] bykgkckn-

B.Sc. SEMESTER – FIRST

ekuo foKku

Anthropology

ANT:CC -112

L	T	P	C
-	-	2	2

Practical in Anthropometry and Somatoscopy

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. Able to describe scope of studying anthropometry and somatometry
2. Able to understand the human anatomy
3. Familiar with the basic principles of measurements and indices

Practicals

Unit-I : Human Anatomy

6

Identification and Drawing of the Bones of Human Skeleton with Special Reference to the Skull, Vertebral Column, Pectoral Girdle, Pelvic Girdle and Long Bones

Unit-II : Somatometry

6

(A) Measurements on Body :

(I) Height Vertex (II) Height Tragus (III) Suprasternale Height (IV) Bi-Acromial Breadth (V) Bi-Iliocrystal Breadth (VI) Tibial Height (VII) Upper Extremity Length (VIII) Length Of Forelimb (IX) Lower Extremity Length (X) Body Weight.

Unit-III : (B) Measurements of Head and Face :

6

(I) Maximum Head Length (II) Maximum Head Breadth
 (III) Minimum Frontal Breadth (IV) Maximum Bizygomatic Breadth
 (V) Nasal Breadth (VI) Nasal Length.

(C) Indices :

(I) Cephalic Index (II) Nasal Index.

	(D) Skin Fold Measurements :	
	(I) Biceps (II) Triceps (III) Calf.	
Unit-IV :	Somatoscopy :	6
	(I) Skin Color (II) Hair Form (III) Hair Color (IV) Nose Form	
	(V) Observation of Eye (VI) Face Form (VII) Head Form	
Unit-V :	Craniometry :	6
	(A) Measurements :	
	(I) Maximum Cranial Length (II) Maximum Cranial Breadth	
	(III) Nasal Length (IV) Nasal Breadth (V) Bi-Maxillary Breadth	
	(VI) Basalo-Bregmatic Height (VII) Bizygomatic Breadth	
	(VIII) Frontal Chord (IX) Parietal Chord (X) Occipital Cord.	
	(B) Indices : (I) Cranial Index (II) Nasal Index	

Note :- The students must record all practicals in the practical note book.

Essential Readings :

1. Warwick, R. (1973). Gray's anatomy (Vol. 1302). P. L. Williams (Ed.). Edinburgh: Longman.
2. Singh, I.P. and Bhasin, M.K. (1968). Anthopometry, Kamla-Raj Enterprises.

Additional Readings;

1. 'kekZ] txnh'k pUæ] & HkkSfrd ekuo foKku izfof/k;kj

ch- ,llh- lsesLVj & izFke

ekuo foKku

ANT:CC -112

izk;ksfxdh % ekuofefr ,oa 'kjhj voyksdu

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05)

„M lsesLVj - 60

L	T	P	C
-	-	2	2

yfuZax vkmVdEI %

bl i= ds v/;;u dk vkmVdEI gS %

- 1- fo|kFkhZ ekuofefr vkSj 'kjhjkoyksdu ds v/;;u {ks= dh O;k[k; dj ldsaxsA
- 2- fo|kFkhZ ekuo 'kjhj jpuk foKku dks le> ldsaxsA
- 3- fo|kFkhZ eki vkSj lwpdkad ds ewy fl)karks ls ifjfr gksaxsA

**izk;ksf
xdh**

bdkbZ& 'kjhjjpukfoKku %

1% ekuo dadky dh vfLFk;ksa dh igpku ,oa mldk fp=kadu] fo"ks"k #i ls diky] es#n.M] va"ks es[kyk] Jksf.k esa[kyk rFkk lHkh yEch vfLFk;kaj A

6

bdkbZ& 'kjhjfevr %

2% $\frac{1}{4}v^{\frac{1}{2}}$ 'kjhj dh ekisa

6

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4- ckbZ ,Øksfe;ku pkSM+kbZ 5- ckbZ bfy;ks fØLVy pkSM+kbZ 6- Vhfc;sy ÅapkbZ

7- vxz vxzka"ks dh yEckbZ 8- vxzckgq dh yEckbZ 9- iw.kZ fuEu vxzka"ks yEckbZ 10- HkkjA

bdkbZ& $\frac{1}{4}c^{\frac{1}{2}}$ 'kh"ks rFkk eq[ke.My dh ekisa

6

3% 1- "kh'kZ dh yEckbZ 2- "kh'kZ dh pkSM+kbZ

3- U;wure ÝUVy pkSM+kbZ 4- vf/kdre ckbZ tkbxsesfVd
pkSM+kbZ

5- ukfldk dh pkSM+kbZ 6- ukfldk dh yEckbZ

$\frac{1}{4}l\frac{1}{2}$ ns'kuk;sa

1- "kh'kZ ns"kuk 2- ukfldk ns"kuk

$\frac{1}{4}M\frac{1}{2}$ Ropk oyu ekisaa

1- ckbZfli 2- V^akbZfli 3- dkQ

$\frac{1}{4}fiaMyh\frac{1}{2}$

bdkbZ& 'kjhjkoyksdu 6

4% 1- Ropk dk jax 2- ckykssa dk izdkj 3-

ckyksa dk jax

4- ukfldk dh cukoV 5- us= dk izdkj] jax rFkk

cukoV

6- eq[k dk izdkj 7- "kh'kZ dh cukoV

bdkbZ& dikyfoKku 6

5% $\frac{1}{4}v\frac{1}{2}$ ekisa % $\frac{1}{4}1\frac{1}{2}$ diky dh vf/kdre yEckbZ $\frac{1}{4}2\frac{1}{2}$ diky dh
vf/kdre pkSM+kbZ

$\frac{1}{4}3\frac{1}{2}$ ukfldk dh yEckbZ $\frac{1}{4}4\frac{1}{2}$ ukfldk dh pkSM+kbZ

$\frac{1}{4}5\frac{1}{2}$ ckbZeSXtyjh pkSM+kbZ $\frac{1}{4}6\frac{1}{2}$

cslyks&czsxeSfVd ÅaWpkbZ

$\frac{1}{4}7\frac{1}{2}$ ckbtkbxsesfVd pkSM+kbZ $\frac{1}{4}8\frac{1}{2}$ ÝUVy dkMZ

$\frac{1}{4}9\frac{1}{2}$ isjkbVy dkMZ $\frac{1}{4}10\frac{1}{2}$ vkWDIhfiVy dkMZ

$\frac{1}{4}c\frac{1}{2}$ ns"kuk;sa % $\frac{1}{4}1\frac{1}{2}$ diky ns"kuk $\frac{1}{4}2\frac{1}{2}$ ukfldk ns"kuk

fVli.kh izR;sd Nk= dks d{kk esa djks x;s lHkh izk;ksfxd dk;ksZa dk
Øfed fooj.k vE;kl iqfLrdk esa izLrqr djuk gksxk A

vuq'kaflr iqLrdsa %

vaxzsth #ikUrj.k essa n"kkZ;s vuqlkj

B.Sc. SEMESTER – SECOND
Anthropology
ANT : CC -211
Socio-Cultural Anthropology

L	T	P	C
4	-	-	4

Maximum Marks : 100
Mid Semester - 40
(1st mid 20+ continuous internal assessment 15+ Attendance 05)
End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the scope and relevance of Social-Cultural Anthropology and its relationship with other disciplines.
2. They will learn about concepts of society, culture, social stratification, etc.
3. They will also learn about important institutions like family, marriage, kinship and religion.
4. The students will be able to understand the development of different economic and political organization in simple societies.

Lectures

Unit-I : Anthropology- Meaning, Scope and Relevance, Branches of Anthropology, Relationship of Social Anthropology with other disciplines.	12
Unit-II : Concept of Society and Community, Groups and Institutions, Status and Role, Caste and Class, Concept of Culture-Material and Non-material, Culture trait, Culture complex, Culture pattern, Culture Area; Acculturation and Trans-culturation; Cultural Relativism, Cultural Universals.	12
Unit-III : Basic Concepts of Great Tradition, Little Tradition, Universalisation, Parochialisation, Folk-Urban Continuum, Sacred Complex, Nature-Man-Spirit Complex, Sanskritisation, Westernisation, Dominant Caste.	12
Unit-IV : Definition, Forms/Types, Functions- Family, Marriage, Kinship; Economic and Political Organizations in Simple Societies.	12
Unit-V : Introduction to Anthropological Theories: Evolutionism, Diffusionism, Functionalism, Structural-Functionalism.	12

Essential Readings:

1. Beattie, J. (1964). *Other Cultures*. London: Cohen & West Limited.
2. Bernard, H.R. (1940). *Research Methods in Cultural Anthropology*. Newbury Park: Sage Publications.
3. Davis, K. (1981). *Human Society*. New Delhi: Surjeet Publications.
4. Ember, C. R. (2011). *Anthropology*. New Delhi: Dorling Kindersley.
5. Ferraro, G. and Andreatta, S. (2008). In *Cultural Anthropology: An Applied Perspective*. Belmont: Wadsworth.
6. Haviland, W. A. (2008). *Cultural Anthropology*. New Delhi: Cengage Learning India Private Ltd.
7. Parsons, T. (1968). *The Structure of Social Action*. New York: Free Press
8. Rapport, N. and Overing, J. (2004). *Key Concepts in Social and Cultural Anthropology*. London: Routledge.

Additional Readings;

1. Royal Anthropological Institute of Great Britain and Ireland (1971). 'Methods', In *Notes and Queries on Anthropology*. London: Rutledge & Kegan Paul Ltd.
2. Lang, G. (1956). Concept of Status and Role in Anthropology: Their Definitions and Use. *The American Catholic Sociological Review*. 17(3): 206-218.
3. Delaney, C. (2004). *Orientation and disorientation In Investigating Culture: An Experiential Introduction to Anthropology*. Wiley-Blackwell.
4. O'Reilly, K. (2012). *Practical Issues in Interviewing Ethnographic Methods*. Abingdon: Routledge.
5. Rapport, N. (2014). *Social and Cultural Anthropology*. London. Routledge.
6. Srinivas, M.N. (2016). *Social Change in Modern India*. New Delhi. Orient Blackswan Pvt. Ltd.
7. Vidyarthi, L.P. (1976). *The Tribal Culture of India*. New Delhi. Concept Publishing Company Pvt. Ltd.
8. Singh, K.S. (1993). *Tribal Ethnography Customary Law and Change*. New Delhi. Concept Publishing Company Pvt. Ltd.
9. Garner, R. (2013). *Rethinking Contemporary Social Theory*. London. Paradigm.
10. Sahlins, N. (2013). *What Kinship Is and Is Not*. Chicago. The University of Chicago Press.

**ch- ,l&lh- lsesLVj & f}rh;
ekuo foKku
ANT : CC -211
lkekftd&lkaLd`frd ekuo foKku**

L	T	P	C
4	-	-	4

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05½
„M lsesLVj - 60

yfuZax vkmVdEI

bl i= dk yfuZaxdEI gS %

- 1- fo|kFkhZ bl ikB~;Øe ds ek;/e ls lkekftd&lkaLd`frd ekuo foKku ds {ks= vkSj izklafxdrk ds lkFk&lkFk bldk vU; fo"k;ksa ds lkFk vUrIZEcU/kksa dks le> ldsaxsA
- 2- fo|kFkhZ lekt] laLd`fr rFkk lkekftd Lrjhdk.k tSlh vo/kkj.kkvksa ls voxr gksaxsA
- 3- os ifjokj] fookg] cU/kqRo ,oa /keZ tSlh egRoiw.kZ laLFkkvksa ds ckjs esa Hkh tkusaxsA
- 4- fo|kFkhZ ljj lektksa esa fofHkUu vkfFkZd vkSj jktuSfrd laxBuksa ds fodkl dks le> ldsaxsA

O;k];ku

- bdkbZ ekuo foKku % ifjHkk'kk] fo'k;&oLrq rFkk lelkef;drk] ekuo 12
&1% foKku dh “kk[kk,a] lkekftd ekuo foKku dk vU; fo'k;ksa ls lEcU/kA
- bdkbZ lekt rFkk leqnk; dh vo/kkj.kk] lewg rFkk laLFkk] izfLFkfr ,oa 12
&2% Hkwfedk] tkfr ,oa oxZ] laLd`fr dh vo/kkj.kk & HkkSfrd rFkk vHkkSfrd] lkaLd`frd rRo] lkaLd`frd tfVyrk] lkaLd`frd izfreku] lkaLd`frd {ks=} ijlaLd`frdj.k ,oa v)Z&laLd`frdj.k] lkaLd`frd lkis{kokn] lkaLd`frd lkoZHkkSfedrkA
- bdkbZ vk/kkjHkwr vo/kkj.kk % o`gr ijEijk] y?kq ijEijk] 12
&3% lkoZHkkSfedj.k] LFkkuh;dj.k] yksd&uxjh; lrrk] ifo= ladqy] izd`fr&ekuo&thokRek lfEeJ.k] laLd`frdj.k] if'pehdj.k] izHkkoh tkfrA
- bdkbZ ifjHkk'kk] izdkj ,oa dk;Z & ifjokj] fookg] ukrsnkjh] ljj lektksa 12
&4% esa vkfFkZd ,oa jktuSfrd laxBuA
- bdkbZ ekuo'kkL=h; fl)kUr dh izLrkouk % mn~fodklokn] izlkjokn] 12
&5% izdk;Zokn] lajpukRed&izdk;ZoknA

vuq'kaflr iqLrdas %

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B.Sc. SEMESTER – SECOND

Anthropology

ANT : CC -212

L	T	P	C
-	-	2	2

Practical in Methods & Techniques of Social Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

This paper will acquaint students with the application of social anthropological knowledge by introducing them with various approaches to application like applied, action and development with the help of its practical approaches.

The Practical will include the following techniques and method in collection of data in social anthropology.

		Lectures
Unit-I :	Observation	6
Unit-II :	Interview, Questionnaire and Schedule	6
Unit-III :	Genealogy	6
Unit-IV :	Case Study	6
Unit-V :	Focus Group Discussion	6

Essential Readings:

1. Notes and Queries in Anthropology (1971). London : Routledge & Kagan Paul.
2. Bernard, H.R. (1990). Research Methods in Cultural Anthropology, New Delhi, Sage Publications.
3. Berg, B.L. (1995). Qualitative Research Methods for the Social Sciences, London, Allyn and Bacon.
4. Srivastava, V.K. (Ed.) (2004). Methodology and Fieldwork Oxford University Press, New Delhi.
5. Sarantabos, S., 1998 (1993), Social Research. London Macmillan.
6. Pelto, P.J., and Goetel. H.P. (1978). Anthropology Research: The Structure of

- Inquiry. Cambridge: Cambridge University Press.
7. Delaney, C. (2011). Investigating Culture: An Experimental Introduction to Anthropology. 2nd ed. UK, John Wiley & Sons.
 8. Mann, R.S. (1994). Social Change and Social Research. New Delhi, Concept Publishing Comp. Pvt. Ltd.
 9. Baronov, D. (2012). Conceptual Foundation of Social Research Methods 2nd. Ed. London Paradigm Publishers.
 10. Stern, P.N. (2011). Essentials of Sccessible Grounded Theory. California, Left Coast Press.
 11. Scales, C.A. (2012). Recording Culture. London, Duke University Press.

ch- ,l&lh- lsesLVj & f}rh; ekuo foKku

ANT : CC -212

L	T	P	C
-	-	2	2

izk;ksfxdh % lkekftd ekuo foKku dh fof/k;kj ,oa izfof/k;kj

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05½

,M lsesLVj - 60

yfuZax vkmVdEI

;g i= fo|kFkhZ dks muds O;kogkfjd n`f"Vdks.kksa dh lgk;rk ls vuqiz;ksx] fØ;k'khyrk ,oa fodkl tSls fofHkUu n`f"Vdks.kksa lfgr ifjp; nsdj lkekftd ekuo'kkL=h; Kku ds vuqiz;ksxksa ls ifjfr dj;sxkA

lkekftd ekuo foKku esa vk;dm+k ds ladyu esa fuEufyf[kr fof/k;ksa ,oa izfof/k;ksa dks izk;ksfxdh esa lfEefyr fd;k x;k gS %

		O;k[;ku
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	lk{kkRdkj] iz'ukoyh ,oa vuqlwph	6
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&3 %

bdkbZ oS;fDrd v/;;u 6

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vuq'kaflr iqLrdas %
vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.Sc.

THIRD SEMESTER



ANTHROPOLOGY

Dr.H.S.Gour Vishwavidyalya, Sagar (M.P.)
(*A Central University*)

B.Sc. Semester – Third

Paper Code	Name of Course
ANT : CC -311	Archaeological Anthropology
ANT : CC -312	Practical in Archaeological Anthropology
ANT : SE -311	Tourism Anthropology

B.Sc. SEMESTER – THIRD

Anthropology

ANT : CC - 311

Archaeological Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
4	-	-	4

Learning Outcomes

The learning outcomes of this paper are :

1. The students will learn about archaeological anthropology and its relationship with other sciences.
2. They will learn about how the past is reconstructed.
3. They will learn about the methods of understanding the prehistoric culture on the basis of archaeological finds.
4. From the practical component they will learn about identification and interpretation of prehistoric tools.

Lectures

Unit-I :	Fundamentals of Archaeological Anthropology: Meaning and Scope of Different Types of Archaeology : Prehistoric, Proto-historic, Historical and Classical. Methods of studying Archaeological Anthropology. The Relationship of Archaeology with Anthropology, Methods of Dating : Relative and Absolute Dating and their Relevance.	12
Unit-II	Geological Time Scale, The Great Ice Age, Stratigraphic and other Evidence of Quaternary Ice Age : River Terrace, Moraines, Eustatic Fluctuations etc. Alpine and Himalayan Glaciations and Inter-Glaciations. Stone Tool Technology and Typology.	12
Unit-III :	Age of Paleolithic Savagery : Lower Paleolithic Cultures of Western Europe (Abbevillian, Acheulian, Clactonian, Lavalloisean and India (Soan, Madrasian, Narmada). Middle Paleolithic Culture of Europe (Mousterian), Flake tools complex in India and Upper Paleolithic of Europe, Home and cave art and its significance.	12
Unit-IV :	Mesolithic Complex in Northern and Western Europe and Corresponding Stone Age Industries in India, Barbarism of the First Food Producers. Chief Features of Neolithic Revolution, Neolithic Complex in India.	12
Unit-V :	Metal Age : Copper, Bronze and Iron ages, General Features of Urban Revolution. The Chief Characteristics and Decay of Indus valley Civilization, Definition and Types of Megaliths, Distribution and main Characteristics of Indian Megaliths.	12

Essential Readings:

- Allchin, B. and Raymond (1968). The Birth of Indian Civilization. Harmondsworth: Penguin Books.
- Bordes, E. (1968). The Old Stone Age. Mc Graw-Hill.
- Burkitt, M. (1963). The Stone Age. NYU Press.
- Burkitt, M. (1929). Our Early Ancestors. Cambridge University Press.
- Shapiro, H. L. (1956). Man Culture and Society (Hindi version also available). Oxford University Press.
- Bhattacharya, D. K. (1972). Prehistoric Archaeology. Hindustan Publishing Corp.
- Sankalia, H. D. (1964). Stone Age Tools, Families and Techniques. Pune: Deccan College.
- Wheeler, M. (1968). The Indus Civilization. Cambridge University Press.
- Sankalia, H. D. (1977). New Archaeology - Its scope and Application to India. Lucknow: Ethnographic and Folk Culture Society.
- Allchin and Allchin. (1993). The Rise of Civilization of India and Pakistan. Cambridge University Press.
- Bhattacharya, D. K. (1979). Old Stone Age Tools and Techniques. Calcutta, K. P. Bagchi Company.
- Bhattacharya, D. K. (1996). Paleolithic Europe. Netherlands, Humanities Press.
- Phillipson, D. W. (2005). African Archaeology. Cambridge, Cambridge University Press.
- pkScs jes'k (2007) & iqjkrkfRod ekuo foKku- Hkksiky e/; izns'k fganh xzaFk vdkneh
- 'kekZ , - ,u-(1998) & Hkkjrh; ekuo foKku- vfHkO;fDr izdk'ku] bykgkckn

Additional Readings;

- Childe, V. G. (1936). Man Makes Himself. London: Watts.
- Oakely, K. P. (1949). Man the Tool Maker. British Museum, London.
- Bhattacharya, D. K. (1978). Emergence of Culture in Europe, Delhi, B. R. Publication.
- etwenkj Mh- ,u- & izkxSfrgkl
- Fagan, B. M. (1983). People of Earth: An Introduction. Boston, Little, Brown & Company.
- Champion (1984). Prehistoric Europe. New York, Academic Press.
- Mishra, V. N. & Mate, M. S. (1964). Indian Prehistory. Pune: Deccan College.

**ch- ,l&lh- lsesLVj & r`rh;
ekuo foKku
ANT : CC -311
iqjkrkfÜod ekuo foKku**

L	T	P	C
4	-	-	4

vf/kdre vad : 100
feM lsesLVj - 40
(izFke feM 20+Irr vkUrfjd ewY;kadu 15+ mifLFkfr 05½
,.M lsesLVj - 60

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- 1- fo|kFkhZ iqjkrkfRod ekuo foKku rFkk bldk vU; foKkuksa ds lkFk IEcU/kksa ds ckjs esa tkusaxsA
- 2- os vrhr ds iqufuZekZ.k ds ckjs esa tkusaxsA
- 3- os iqjkrkfRod [kkstksa ds vk/kkj ij izkxSfrgkfld laLd`fr ds fo"k; esa tkusaxsA
- 4- os O;kogkfjd ?kVdksa ls izkxSfrgkfld midj.kksa dh igpku rFkk O;k;k ds ckjs esa tkusaxsA

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- bdkbZ& 1 % iqjkrkfRod ekuo foKku ds ewy rRo % fofHkUu izdkj ds iqjkrRo ds ifjHkk'kk rFkk {ks= % izksxSfrgkfld] vk|,frgkfld] "kkL=h;A iqjkrkfRod ekuo foKku ds v/;;u dh fof/k;kjA bdkbZ iqjkrRo dk ekuo foKku ls laca/k] dky fu/kkZj.k dh fof/k;ka % lkis{k rFkk fujis{k dky fu/kkZj.k fof/k;ka rFkk mudh izklafxdrkA 12
- bdkbZ& 2 % HkwxHkhZ; le; [kaM egku fge ;qx] prqFkZd fge;qx ds Lrj Øfed rFkk vU; lk{; % unh osfndk;sa fgeks<] lefLFkfrd nksyu vkfn] ,sYil rFkk fgeky; ds fge ;qx rFkk vUrfgZe;qxA lywfo;s'ku ,oa bUVj lywfo;s'kuA 12
- bdkbZ& 3 % midj.kksa ds izdkj rFkk muds fuekZ.k dh fof/k;kjA iqjkik'kk.k ;qxhu izkd`rkoLFkk % if"peh ;wjksi ¼,Ccsfoyu] ,;wfy;u] DydVksfu;u] ySosyksf"u½ rFkk Hkkjr ¼lksgu] enzkl;u] ueZnk½ dh fuEu iqjkik'kk.k ;qxhu laLd`fr;ka;A 12
- ;wjksi dh e/iqjkik'kk.k ;qxhu laLd`fr ¼eqLrhfj;u½ Hkkjr esa Qyd midj.k m|ksx rFkk ;wjksi dh mPp iqjkik'kk.k ;qxhu laLd`fr rFkk mldh eq[; fo"ks'krk;sa] xqQk ,oa x`g dyk vkSj mldk egRoA
- bdkbZ& 4 % mRrj rFkk if"pe ;wjksi dh e/; ik'kk.k ;qxhu laLd`fr rFkk mlds lerqY; Hkkjrh; e?; ik'kk.k ;qxhu m|ksx vkjfHkd [kk] mRikndksa }kjk LFkkfir xzkE;rk dk Lo:iA 12

uo ik'kk.k ;qxhu laLd`fr dh izeq[k fo"ks'krk;sa] Hkkjr esa ekuo
vkokl rFkk d`f'k dk mn~xeu] Hkkjr esa uoik'kk.k ;qxhu lafa"y'V
rFkk mudh leL;k;saA

bdkbZ& /kkrq;qx % rkez dkaL; rFkk ykSg ;qx] uxjh; Øz kfUr ds lkekU; 12
5 % y{k.kA

flU/kq ?kkVh IH;rk dh izeq[k fo"ks'krk;sa rFkk mlds iru ds
dkj.k] egkik'kk.k dh ifjHkk'kk rFkk izdkj] Hkkjr ds egkik'kk.k %
forj.k rFkk izeq[k fo"ks'krk;saA

vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.Sc. SEMESTER – THIRD

Anthropology

ANT : CC -312

Practical in Archaeological Anthropology

L	T	P	C
-	-	2	2

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. The student should be able to understand the basic concepts and terminology used in prehistoric archaeology
2. The student should be able to critically examine and understand the chronological and cultural determinants of Indian prehistory
3. The student should be able to critically examine and understand the practical approaches of archaeological anthropology

Typo-technological Analysis of Prehistoric Tools: Identification, Interpretation

and Drawings of the tools Types:

Lectures

Unit-I : Core Tool Types	6
Unit-II : Flake Tool Types	6
Unit-III : Blade Tool Types	6
Unit-IV : Microlithic Tool Type	6

Essential Readings :

1. Bhattacharya, D.K. (1979). Old Stone Age Tools and Techniques. Calcutta, K.P. Bagchi Company.
2. Sankalia, H.D. (1964). Stone Age Tools. Poona Deccan College.
3. Bhattacharya, D. K. (1996). An Outline of Indian Prehistory. Delhi, Palika Prakashan.
4. Sankalia, H. D. (1974) Prehistory and Protohistory of India and Pakistan. Poona, Deccan College.

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ekuo foKku

ANT : CC -312

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L	T	P	C
-	-	2	2

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05½

,.M lsesLVj - 60

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- 1- fo|kFkhZ izkxSfrgkfld iqjkrRo esa iz;qDr vk/kkjHkwr vo/kkj.kkvksa vkSj vkSj 'kCnkoy dk le>us ldsaxsA
- 2- fo|kFkhZ izkxSfrgkfld dkykuqØfed rFkk lkaLd`fr fu/kkZjdksa dh lw{erk ls tk;p djus rFkk le> ldsaxsA
- 3- fo|kFkhZ iqjkrkfRod ekuo foKku ds O;kogkfjd n`f"Vdks.k dks lw{erk ls ij[kus vkSj le> ldsaxsA

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B.Sc. SEMESTER – THIRD

Anthropology

ANT : SE -311

Tourism Anthropology

L	T	P	C
2	-	-	2

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes:

The learning outcomes of this paper are :

1. The students will learn about the historical development of the tourism and

tourism anthropology and how anthropology can contribute to the understanding of tourism.

2. They will also learn about various types of tourism and communization of culture for tourism and the impact of tourism on cultural degradation.
3. They will also about tourism in relation to globalization and local economy.

	Lectures
Unit-I : Tourism- Definition, History, and Subject Matter	6
Unit-II : Theoretical Concerns: Anthropological aspects of tourism	6
Unit-III : Branches of Tourism; Tourism and The Commoditization of Culture or Cultural Degradation.	6
Unit-IV : Role of Museums and other Branches of the Cultural Industries (Including Music, Art, And Food) in Tourism Economies; Tourism and Local and Global Mobility.	6
Unit-V : Tourism as Pilgrimage, Tourist as Ethnographer, Authenticity Issues.	6

Essential Readings

1. Chambers, E. (2000). Native Tours: The Anthropology of Travel and Tourism. Prospect Heights: Waveland.
2. Gmelch, S.B. (2004). Tourists and Tourism: A Reader. Long Grove: Waveland.
3. Dann, G. (2002). The Tourist as a Metaphor of the Social World. Wallingford: CAB International.
4. Nash, D. (1996). Anthropology of Tourism. New York: Pergamon.
5. Kirshenblatt-Gimblett, B.(1998). Destination Culture: Tourism, Museums, and Heritage. University of California Press.
6. Lippard, LR. (1999). On the Beaten Track: Tourism, Art and Place. New Press.

7. Picard, M. and Wood, R. (1997). Tourism, Ethnicity, and the State in Asian and Pacific Societies. University of Hawai Press.
8. Tomaselli, K. G. (2012). Cultural Tourism and Identity, London, Brill.

Additional Readings;

1. 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. 205-223.
2. Dann, G.M.S., Nash, D. and Pearce, P.L. (1988). Methodology in Tourism Research. Annals of Tourism Research. 15:1-28.
3. Graburn, N.H.H. (1977). Tourism: The Sacred Journey. Hosts and Guests: The Anthropology of Tourism. Valene L. Smith, ed. Philadelphia: University of Pennsylvania Press. 33-47.
4. Crick, M. (1994). Anthropology and the Study of Tourism: Theoretical and Personal Reflections. In Crick M (eds.). Resplendent Sites, Discordant Voices: Sri Lankans and International Tourism. Chur, Switzerland: Harwood Publishers.
5. Richard, B. (1992). Alternative Tourism: The Thin Edge of the Wedge. In Valene Smith and Eadington Tourism (eds.). Alternatives: Potentials and Problems in the Development of Tourism. University of Pennsylvania Press.
6. Wood, R. (1997). Tourism and the State: Ethnic Options and the Construction of Otherness. In Picard and Wood Tourism, Ethnicity and the State in Asian and Pacific Societies. University of Hawai Press.

ch- ,l&lh- lsesLVj & r`rh;

ekuo foKku

ANT : SE - 311

L	T	P	C
2	-	-	2

lk;ZVu ekuo foKku

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05½

„M lsesLVj - 60

yfuZax vkmVde

bl i= ds v/;;u dk vkmVdEl gS %

- 1- fo|kFkhZ lk;ZVu ,oa i;ZVu ekuo foKku ds ,sfrgkfld fodkl ds ckjs esa tkusaxs rFkk fdl izdkj ekuo foKku i;ZVu esa ;ksxnku ns ldrk gSA

- 2- os i;ZVu ds fofHkUu izdkj rFkk i;ZVu gsrq laLd`fr ds lkE;hdj.k ,oa lkaLd`frd voufr ij i;ZVu ds izHkko ds ckjs esa tkusaxsA
- 3- os i;ZVu ds oS'ohdj.k rFkk LFkkuh; vFkZO;oLFkk ds IEcU/k esa tkusaxsA

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bdkbZ&4 %	laxzgky; rFkk vU; lkaLd`frd m ksxksa dh Hkwfedk ¼laxhr] dyk rFkk vkgkj lfgr½] lk;ZVu rFkk LFkkuh; ,oa oSf"od vFkZO;oLFkk dk IEcU/kA	6
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B.Sc. SEMESTER – FORTH

Anthropology

ANT : CC - 411

Tribal Anthropology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15 Attendance 05)

End Semester - 60

L	T	P	C
4	-	-	4

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the concepts of tribes, their classification and distribution.
2. They will learn about how tribes are linked with the wider world.
3. They will also learn about peasantry and how it is related to tribes.
4. From the practical component they will learn to read original ethnographies and extract relevant information from the same.

Lectures

Unit-I : Concept of Tribe, Scheduled Tribes and Particularly Vulnerable Tribal Groups. Tribes in India: Classification and Distribution based on Economic, Cultural, Linguistic and Racial Elements. Distribution of Particularly Vulnerable tribal Groups (PVTGs) of India	12
Unit-II : Tribal Development: Sustainable Development, Pre-independence and Post-independence Era. Constitutional Safeguards for the Tribals.	12
Unit-III : National Draft for Tribal Policies in India. Problems of Tribals: Land Alienation, Tribal Education, Tribal Health, Displacement, Rehabilitation.	12
Unit-IV : Economy: Forest Policies, Forest Tribes Interaction, Shifting Cultivation, Deforestation, Tribal Craft, Status of Women.	12
Unit-V : Role of Anthropologists and NGOs in tribal Development., Approaches for Sustainable Tribal Development: ITDA, TSP, Fifth and Sixth Schedules, and Tribal Movements.	12

Essential Readings :

1. Behera, D.K and Georg pfeffer. Contemporary Society Tribal Studies, Volume I to VII. New Delhi: Concept Publishing Company
2. Vidarthi, L.P. and Rai. (2002). Applied Anthropology in India. New Delhi: Kitab Mahal.
3. Vidarrthy.L.P. and B.N. Sahay.(1980). Applied Anthropology and Development in India. New Delhi: National Publishing House.
4. Munshi, I. (2012). The Adivashi Question: Issues of Land, Forest, and Liveihood, New Delhi: Orient Blackswan Pvt. Ltd.
5. Virginious, X. (2014). Report of the High Level Committee on Socio-Economic, Health and Educational Status of Tribal Communities of India, Ministry of Tribal Affairs, Government of India.
6. Sengupta, N. (1988). Reappraising Tribal Movements – I to V, Economic and Political Weekly. 943-945, 1003-1005, 1054-1055, 1111-1112, 1153-1154.
7. Virginious, X. (1999). Tribes as Indigenous People of India in Economic and Political Weekly, 3589-3595.
8. Beteille, A. (1998). The Idea of Indigenous People in Current Anthropology, 39, 2, 187-192.
9. Srivastava, V. K. (2008). Concept of ‘ Tribe’ in the Draft National Tribal Policy Economic and Political Weekly, 29-35.
10. Behera, D.K and Georg pfeffer. Contemporary Society Tribal Studies, Volume I to VII. New Delhi: Concept Publishing Company.

Additional Readings;

1. The Gazette of India: Ministry of Law and Justice. 2007. The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. New Delhi.
2. The Gazette of India: Ministry of Tribal Affairs. 2012. The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Amendment Rules, 2012. New Delhi.
3. Government of India: Department of Social Justice. 1965. The Report of the Advisory Committee on the Revision of the Lists of Scheduled Caste and Scheduled Tribes.

ch- ,l-lh- lsesLVj & prqFkZ

ekuo foKku

ANT : CC - 411

tutkrh; ekuofoKku

L	T	P	C
4	-	-	4

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+irr vkUrfjd ewY;kadu 15+ mifLFkfr 05½

„M lsesLVj - 60

yfuZax vkmVdEI

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- 1- fo|kFkhZ tutkfr;ksa dh vo/kkj.kkvksa] muds oxhZdj.k rFkk forj.k ds ckjs esa tkusaxsA
- 2- os bl ckjs esa Hkh tkusaxs fd tutkfr;kj O;kid fo'o ls dSls tqM+h gSaA
- 3- os fdLkuksa ds ckjs esa Hkh tkusaxs rFkk ;g tutkfr;ksa ls dSls IEcfU/kr gSaA
- 4- os O;kogkfjd ?kVd ls okLrfod u`tkfro.kZu dk v/;;u djsaxs rFkk mlh ds vuq:lk fu"d"kZ fudkyasaxsA

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bdkbZ& 2%	tutkrh; fodkl % Irr fodkl] Lora=rk iwoZ ,oa lk'pkr~ dk ;qx] vuqlwfpr tutkfr ds fy, izn`Uk laoS/kkfud laj{k.kA	12
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bdkbZ &4%	vkfFkZd laxBu % ou uhfr] ou ,oa tutkrh; ikjLifjd O;ogkj] >we [ksrh] fuoZuhdj.kA tutkrh; dyk] efgykviksa dh fLFkfrA	12
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B.Sc. SEMESTER – FORTH

Anthropology

ANT : CC - 412

L	T	P	C
-	-	2	2

Practical in Material Culture, Museology and Computer Application

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcome:

1. Students will learn different aspects of material culture in simple societies.
2. From the research project component they will study and understand the material culture of a cultural group.
3. They will learn about different museums and different preservation techniques.
4. They will be able to identify and use basic computer component and uses.

Practicals

Unit-I : Material Culture :

6

Basic Outlines of Material Culture

(a) Subsistence and Food Gathering (b) Food Production

(c) Settlement Pattern

Fishing

(d) Agriculture

(e) Fire Making

(f) Land and Water Transport

(g) Musical Instruments

(h) Types of Habitations.

Unit-II : Research Project :

6

To Prepare a Research Project Pertaining to any of the Cultural Group of Material Culture

Unit-III : Museology :

6

Definition, Concept and Types of Museum; Importance of Anthropological Museum and Basic Techniques of Preservation.

Unit-IV : **Computer Application :** **6**

Application of Computer in Anthropological study and Research; Face to Face with Computer and Basic Knowledge of its Accessories

Unit-V : **Computer Application :** **6**

Introduction and Hands-on Practice of MS-Word, MS-Excel and MS-Power- Point

Essential readings:

1. Cohen, Y. A. (1968). Man in Adaptation; The Cultural Present. Chicago: Aldine Pub. Co.
2. Redfield, R. (1965). Peasant Society and Culture an Anthropological Approach to Civilization. Chicago [u.a.]: Univ. of Chicago Press.
3. Lee, R. B. and DeVore, I. (1969). Symposium on Man the Hunter, Man the Hunter. Chicago: Aldine Pub. Co.
4. Dillion, R. S. (1969). Sacred Grove: Essays on Museums. New York: Simon and Schuster,.
5. Judy, D. (1999). Practical Evaluation Guide: Tools for Museums and Other Informal Educational Settings. Walnut Creek, Cal.: AltaMira Press,
6. Ronald, F.A. (2016). Statistical Methods for Research Workers. New Delhi, Agri Biovet Press.

Additional Readings;

1. Pearce, Susan M. Museums, Objects and Collections: A Cultural Study. Leicester, U.K.: Leicester University Press, 1992

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ekuo foKku

ANT : CC - 412

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vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+irr vkUrfjd ewY;kadu 15+ mifLFkfr 05½

„M lsesLVj - 60

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- 1- fo|kFkhZ l]y lektksa dh HkkSfrd laLd`fr ds fofHkUu vk;keksa ds ckjs esa lh[k ldsaxsA
- 2- vuqla/kku ifj;kstuk ds ?kVd }kjk os fdLh lkaLd`frd lewg dh HkkSfrd laLd`fr dk v/;;u vkSj mlds ckjs esa le> ldsaxsA
- 3- os fofHkUu laxzgky;ksa ds ckjs esa vkSj muds laj{k.k dh izfof/k;ksa dks lh[k ldsaxsA
- 4- os dEI;wVj ds fofHkUu ?kVdksa dks igpkuuk vkSj mldh mi;ksfxrk dks lh[k ldsaxsA

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B.Sc. SEMESTER – FOURTH

Anthropology

ANT : SE – 411

Public Health and Epidemiology

L	T	P	C
2	-	-	2

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcome:

The learning outcomes of this paper are :

1. The students will learn about basic concepts of health and disease.
2. They will also learn about various environmental determinants of health.
3. They will learn about the basics of epidemiology.
4. They will learn about communicable and non-communicable diseases.
5. They will learn about the basics of health planning and management with special reference to India.

Lectures

Unit-I : Concept of Health and disease. Health and Culture. Public health : basic concept and dimensions. Government Health Infrastructure. Importance of Social Science and Biological

6

Science in Health Care.

Unit-II :	Environmental and Health : Biological, Chemical and Physical agents in Environment affecting human health. Ecological Model of Public health. Current legal provisions, policies and practices associated with Environmental Health and intended to improve Public Health.	6
Unit-III :	Epidemiology : Principles and Methods. Epidemiological Variables and Attributes. Applications of Epidemiological Techniques in Public Health. Concept and Methods of Genetic Epidemiology. Importance of Genetics in Public Health.	6
Unit-IV :	Epidemiology of Communicable and non-communicable disease : HIV/AIDS : Understanding Etiology. Preventive Measures for Cardiovascular and life style diseases.	6
Unit-V :	Health planning and management. Health Planning in India. National Health Policy. Statistical methods used for epidemiological studies.	6

Essential Readings:

1. Park and Park (2019) Park's Text book of Preventive & Social Medicine, Publishers – Banarasidas Bhanot, Jabalpur.
2. Gordis, L. (2004). Epidemiology. Third edition. Philadelphia: Elsevier Saunders.
3. Remington, P.L., Brownson, R.C., and Wegner, M.V. (2010). Chronic Disease Epidemiology and Control. American Public Health Association.
4. Pagano, M. and Gauvreau, K. (2000). Principles of Biostatistics. Belmont, CA: Wadsworth.
5. Lee, L.M. (2010). Principles and Practice of Public Health Surveillance. Oxford University Press
6. Turnock, B. (2011). Essentials of Public Health. Jones & Bartlett Publishers
7. Merson, M., Black, R.E., and Mills, A. (2006). International Public Health: Diseases, Programs, Systems and Policies. Jones & Bartlett Learning.
8. Aschengrau, A. and Seage, G.R. (2008). Essentials of Epidemiology in Public Health. Boston, Massachusetts.

9. Cavalli-Sforza, L.L. (2015). The Genetics of Human Populations. New York, Dover Pub.
10. Bhende, Asha A. (2015). Principles of Population Studies. Mumbai, Himalaya Pub.
11. Kala, A.K. (2004). Tribal Health and Medicine. New Delhi, Concept Publishing Comp, Pvt. Lmd.
- Calabrese, J.D. (2013). A Different Medicine. New York, Oxford

Additional readings:

1. Turnock, B. (2011). Public Health. Jones & Bartlett Publishers.
2. Edberg, M. (2013). Essentials of Health Behavior. Social and Behavioral Theory in Public Health. Second Edition, Jones and Bartlett Publishers.
3. Griffith, J.R. and White, K.R. (2010). The Well-Managed Healthcare Organization. Health Administration Press: Chicago, IL.
4. Kovner, A.R., McAlearney, A.S. and Neuhauser, D. (2013). Health Services Management: Cases, Readings, and Commentary. 10th Ed. Chicago, IL: Health Administration Press.

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ekuo foKku

ANT : SE - 411

tuLokLF; ,oa egkekjh foKku

L	T	P	C
2	-	-	2

vf/kdre vad : 100

feM lsesLVj - 40

(izFke feM 20+lrr vkUrfjd ewY;kadu 15+ mifLFkfr 05½

„M lsesLVj - 60

yfuZax vkmVdEI %

- 1- fo|kFkhZ LokLF; vkSj chekjh dh vk/kkjHkwr vo/kkj.kkvksa ds ckjs tkusaxsA
- 2- os LokLF; ds fofHkUu lk;kZoj.kh; fu/kkZjdxsa ds ckjs esa tkusaxsA
- 3- os egkekjh foKku dh ewy ckrsa lh[kasxsA
- 4- os lapkjh vkSj xSj&lapkjh jksxksa ds ckjs esa tkusaxsA
- 5- os Hkkjr ds fo'ks"k lanHkZ esa LokLF; ;kstuk vkSj izcU/ku dh ewy ckrsa lh[kasxsA

bdkbZ &1%	LokLF; vkSj jksx dh vo/kkj.kkA LokLF; vkSj laLd`frA lkoZtfud LokLF; % vk/kkjHkwr vo/kkj.kk vkSj vk;keA ljdkjh LokLF; v/kkslajpukA LokLF; ns[kHkky essa lkekftd foKku vkSj tSfod foKku dk egRoA	6
bdkbZ &2%	lk;kZoj.k vkSj LokLF; % lk;kZoj.k ds tSfod jklk;fud vkSj HkkSfrd dkjd tks ekuo LokLF; dks izHkkfor djrs gSaA lkoZtfud LokLF; dk ikfjLFkfrd ekWMyA lkoZtfud LokLF; ,oa lk;kZoj.kh; LokLF; dks csgrj cukus gsrq orZeku dkuwuh izko/kku] uhfr;kj ,oa m eA	6
bdkbZ &3%	egkekjh foKku % fl)kUr vkSj izfof/k;kjA egkekjh foKku ds dkjd ,oa miknkuA tu LokLF; gsrq egkekjh foKku ds rduhdksa ds vuqiz;ksxA vkuqokaf'kd egkekjh foKku dh vo/kkj.kk ,oa izfof/k;kjA lkoZtfud LokLF; esa vkuqokaf'kdh dk egRoA	6
bdkbZ &4%	laØked ,oa vlaØked jksxksa dh egkekjh foKkuA ,pvkbZoh@,M~l % dkjd ,oa funkuA g`n; jksx vkSj thou 'kSyh dh chekfj;ksa ds fy, fuokj.k ds mik;A	6
bdkbZ &5%	LokLF; ;kstuk vkSj izcU/kuA Hkkjr esa LokLF; ;kstuka jk"V ^a h; LokLF; uhfrA egkekjh foKku ds v/;;u ds fy, mi;ksx fd;s tkus okyh lkaf[;dh; izfof/k;kjA	6

vuq'kaflr iqLrdas %

vaxzsth #ikUrj.k esa n"kkZ;s vuqlkj

B.Sc. Semester – Fifth

Paper Code	Name of Course
ANT : EC -511	Human Biology
ANT : EC -512	Practical in Serology and Dermatoglyphics
ANT : SE -511	Business and Corporate Anthropology

B.Sc. SEMESTER – FIFTH

Anthropology

ANT : EC -511

Human Biology

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
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Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the Human Genetics.
2. They will learn about the mechanisms of human adaptability.
3. They will learn about the Human Growth and Nutrition.
4. They will learn about the basic concepts of Biological demography.

Lectures

Unit-I :	Human Genetics: Aims and Scope, Cell: Cell Division, Role of Mitotic and Meiotic Cell Division. Chromosomes, Genes: Concept of DNA and RNA. Laws of Heredity, Mechanism of Heredity. Type of Inheritance: Sex Linked, Autosomal, Dominant and Recessive.	12
Unit-II :	Inheritance of ABO Blood Groups and PTC, Genetic Counseling, Cloning. Difficulties in Studying Human Genetics, Methods of Investigation in Human Genetics: Population Genetics, Biochemical Genetics and Cyto Genetics; Twin Methods, Pedigree Method.	12
Unit-III :	Ecology: Definition and Scope, Varieties of Human Ecosystems, Environmental Pollution. Human Growth and Development: Definition and Scope, Methods of Studying Human Growth: Longitudinal, Semi-Longitudinal and Cross-Sectional.	12
Unit-IV :	Nutritional Requirements for Normal Growth, Malnutrition, Under-Nutrition. Retarded Growth, Growth Spurt, Ageing, Nutritional Requirements for Normal Growth, Malnutrition, Under-Nutrition.	12
Unit-V :	Biological Demography: Definition Importance and Scope, Demographic Profiles: Fertility, Mortality, Morbidity and Migration.	12

Essential Readings:

1. Bogin B. (1999) Patterns of human growth. Cambridge University Press.
2. Frisancho R. (1993) Human Adaptation and Accommodation. University of Michigan Press.
3. Cameron N and Bogin B. (2012) Human Growth and Development. Second edition, Academic press Elsevier.
4. Harrison GA and Howard M. (1998). Human Adaptation. Oxford University Press.
5. Harrison GA, Tanner JM, Pibeam DR, Baker PT. (1988). Human Biology. Oxford University Press.
6. Malina RM, Bouchard C, Oded B. (2004) Growth, Maturation, and Physical Activity. Human Kinetics.
7. McArdle WD, Katch FI, Katch VL. (2001) Exercise Physiology: Energy, Nutrition, and Human Performance.
8. Singh I, Kapoor AK, Kapoor S. (1989). Morpho-Physiological and demographic status of the Western Himalayan population. In Basu and Gupta (eds.). Human Biology of Asian Highland Populations in the global context.
9. Sinha R and Kapoor S. (2009). Obesity: A multidimensional approach to contemporary global issue. Dhanraj Publishers. Delhi.
10. Griffiths AJF. (2002). Modern Genetic Analysis: Integrating Genes and Genomes. WH Freeman Press.
11. Griffiths AJF, Wessler SR, Carroll SB, Doebley J. (2011). An Introduction to Genetic Analysis. Macmillan Higher Education.
12. Cavalli-sforza LL, Menozzi P, Piazza A (1994). History and Geography of Human Genes. Princeton University.
13. Cummings MR (2011). Human Heredity: Principles and Issues. Brooks/Cole, Cengage Learning
14. Jobling M, Hurls M and Tyler-Smith C. (2004). Human Evolutionary Genetics: Origins, Peoples & Disease. New York: Garland Science.
15. Lewis R. (2009). Human Genetics: Concepts and Application. The McGraw–Hill Companies, Inc.
16. Patch C. (2005). Applied Genetics in Healthcare. Taylor & Francis Group
17. Vogel F. and Motulsky A.G. (1996). Human Genetics. Springer, 3rd revised edition.

Additional Readings:

1. Strachan, T. and Read, A.P. (2004). Human Molecular Genetics. Garland Science.
2. Brown, T.A. (2007). Genomes. Garland Science.
3. Snustad, D.P. and Simmons, M.J. (2006). Principles of Genetics, Fourth Edition, John
4. Giblett, E.R. (1969). Genetic Markers in Human Blood. Blackwell Scietific, Oxford.
5. Kapoor, A.K. and Kapoor, S. (1995) Biology of Highlanders. Vinod Publisher and Distributor.
6. Kathleen, K. (2008). Encyclopedia of Obesity. Sage Publication.

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ANT : EC - 511
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B.Sc. SEMESTER – FIFTH

Anthropology

ANT : EC -512

Practical in Serology and Dermatoglyphics

L	T	P	C
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Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about serology, dermatoglyphics and its scope along with applications.
2. From the practical component they will learn about recording, determining and comparing fingerprints.
3. They will learn about the measuring techniques of colour blindness.
4. They will also learn about the physiological measurement by various parameters.

Unit-I : ABO and Rh Blood Groups	6
Unit-II : Colour Blindness	6
Unit-III : Physiology – Blood Pressure, Pulse Rate, Body Temperature.	6
Unit-IV : Dermatoglyphics – Methods of Taking Palm and Finger Prints and their analysis.	6
Unit-V : Practical in Growth Status, Obesity Assessment & Nutritional Assessment.	6

* Each candidate has to conduct the above experiments on atleast 10 subjects.

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ANT : EC – 512

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B.Sc. SEMESTER – FIFTH

Anthropology

ANT : SE - 511

Business and Corporate Anthropology

Maximum Marks : 100

Mid Semester - 40

(Ist mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

L	T	P	C
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Learning Outcome:

The learning outcomes of this paper are:

1. The students will learn about the corporate and business world and what anthropology can do to understand this world better.
2. They will also learn about consumer behaviour, globalization, and methods of conducting research in business world.

Lectures

Unit-I : Business and Corporate Anthropology: History and Subject Matter.	6
Unit-II : Applied Anthropology in Industry, Application of the Ethnography in Business Management.	6
Unit-III : Anthropology and Consumer Behaviour.	6

Unit-IV : Globalization, International Trade and Anthropology.	6
Unit-V : Techniques for Conducting Fieldwork for Business Organizations.	6

Essential Readings:

1. Jordan, Ann T. : Business Anthropology. Waveland Press, Long Grove, Illinois.
2. Rita M Denny : Handbook of Anthropology in Business by.

Additional Readings;

1. Whyte, W.F. (1948) : Incentives for Productivity: The Case of the Bundy Tubing Company Applied Anthropology 7(2):1-16
2. Gardner, Burleigh B. (1978) : Doing Business with Management. In Applied Anthropology in America, Elizabeth M. Eddy and William Partridge (Eds.).New York: Columbia University Press. Pp.245- 260.
3. Advanced reading in Business Anthropology edited by Robert Guang Tian, Daming Zhu, Alfons van Marrewijk.

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B.Sc. SEMESTER – SIXTH

Anthropology

ANT : EC -611

Field Dissertation

Maximum Marks : 100

L	T	P	C
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The **Field Work Based Dissertation** will be carried out under the guidance of faculty member. Its supervisors shall be allotted by Departmental Committee. The students shall be required to submit 2 copies of typed/written record of dissertation which shall be examined as per ordinance of the University. The Distribution of Marks for the Valuation of Field Dissertation will be as Follows:

Presentation	20 Marks
Concise Dissertation	60 Marks
Viva-Voce	20 Marks
Total	100 Marks

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ANT - EC - 611

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B.Sc. SEMESTER – SIXTH

Anthropology

ANT : SE - 611

Visual Anthropology

L	T	P	C
2	-	-	2

Maximum Marks : 100

Mid Semester - 40

(1st mid 20+ continuous internal assessment 15+ Attendance 05)

End Semester - 60

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about Visual Anthropology and its scope.
2. They will learn about the theories of representation in visual media.
3. They will also learn about ethnographic films and photography.

Lectures

Unit-I : Visual Anthropology: Definition, Scope, Relevance and Key Concepts.	6
Unit-II : Photographic and Digital Media: Still, Interactive and Moving.	6
Unit-III : Ethnographic Photography: Colonialism and Exhibited others; Photography as Research Method, Photographic Essays.	6
Unit-IV : Documentary and Ethnographic Film, Role of digital media in Development.	6
Unit-V : Cinema Studies, Theory of Representation	6

Essential Readings:

1. Banks , M. and Murphy, H. (1997). The Visual in Anthropology: In Rethinking Visual Anthropology, eds. New Haven: Yale University Press.
2. Griffiths, A. (2002). Wondrous Difference: Cinema, Anthropology and Turn-of-the-Century Visual Culture. New York: Columbia University Press.
3. Collier, J. and Collier, M. (1986). Visual Anthropology: Photography as a Research Method. Albuquerque: University of New Mexico Press.
4. Banks, M. and Ruby, J. (2011). Made do Be Seen. Perspectives on the History of Visual Anthropology. University of Chicago Press [Practical]
5. Schneider, A. and Wright, C. (2010) Between Art and Anthropology: Contemporary Ethnographic Practice. Berg Publishers[Practical]
6. Henley, P. (2010). The Adventure of the Real. Jean Rouch and the Craft of Ethnographic Cinema. Chiacago University Press [Practical]
7. Erstad, OLA. (2013). Identity community and learning lives in the digital age. New York Cambridge university press.
8. Pink, S. (2010). Doing Sensory Ethnography. Sage Publications [Practical]
9. Grimshaw, A. and Ravetz, A. (2009). Observational Cinema. Anthropology, Film, and the Exploration of Social Life. Indiana University Press [Practical]
10. Wortham, Erica cusi (2013). Indigenous media in mexico. London Duke University Press.
11. Khoblauch, Hubert. (2012). PowerPoint, communication and the knowledge. New York Cambridge Press.
12. Scales C.A. (2012). Recording Culture. London duke university press.
13. Feng, Jin (2013). Romancing the internet. Boston Brill Publication.
14. Vince John. (2004). Introduction of Virtual Reality. London Springer publication

Additional Readings:

1. Banks, M. and H. Morphy, eds. (1997). Introduction: Rethinking Visual Anthropology. In Banks, M, and H. Morphy. Eds. Rethinking Visual Anthropology, 1-35. New Haven: London: Yale University Press.
2. Ruby, J. (1996). Visual Anthropology. In Encyclopedia of Cultural Anthropology, David Levinson and Melvin Ember, eds. New York: Henry Holt and Company, 4: 1345- 1351.
3. MacDougall, D. (1991). Whose Story Is It? Visual Anthropology Review, 7 (2): 2-10.
4. Jacknis, I. (1988). Margaret Mead and Gregory Bateson in Bali: Their Use of Photography and Film. Cultural Anthropology, 3 (2): 160-177.
5. Corbey, R. (1993). Ethnographic Showcases 1870-1930. Cultural Anthropology, 8 (3): 338-369.
6. Harper, D. (1987). The Visual Ethnographic Narrative. Visual Anthropology, 1: 1-19.
7. Newton, J. (1998). Beyond Representation: Toward a Typology of Visual Behavior. Visual Anthropology Review, 14 (1): 58-72.
9. Sprague, S. (1978). How I See the Yoruba See Themselves. Studies in the Anthropology of Visual Communication, 5 (1): 9-28.
10. Orrantia, J. (2012). Where the Air Feels Heavy: Boredom and the Textures of the Aftermath. Visual Anthropology Review, 28 (1): 50-69.
11. Ember C.R. (2011). Anthropology. New Delhi: Dorling Kinderslay. [Unit II, III, IV (Page: 282-321, 430-438, 464, 469-471)]
12. Vince, J. (2004). Introduction to Virtual Reality. London, Springer Verlag.
13. Scales, C.A. (2012). Recording Culture. London, Duke University Press.
14. Eischer, M. D. (2006). Application in computing for social Anthropologist. London, routledge.

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Credit Based Programme for Postgraduate Syllabus:

**M.Sc. /M.A.
Semester I**



2022-24

ANTHROPOLOGY

Doctor H.S. Gour Vishwavidyalaya, Sagar (M.P.)
(A Central University)

M.Sc. / M.A. SEMESTER – I

Paper Code		Name of the paper	Credits	Marks
ANT- CC-121	:	Advance Socio– Cultural Anthropology	4	100*
ANT- CC-122	:	Advance Biological Anthropology	4	100*
ANT- CC-123	:	European Prehistoric Archaeology	4	100*
ANT- CC-124	:	Research Methods & Bio Statistics	4	100*
ANT- CC-125	:	Practical in Biological Anthropology	4	100*
ANT- CC-126	:	Practical in Somatometry and Somatoscopy	4	100*
Total Required Credits			24	

***Total Marks 100: Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#)**
End Semester = 60

Attendance

Abbreviation :

ANT : Anthropology
CC : Core Course

M.Sc./ M.A., SEMESTER – FIRST
Anthropology

L	T	P	C
4	-	-	4

ANT - CC - 121
Advance Socio-Cultural Anthropology

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05*)

End Semester = 60

***Attendance**

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the scope and relevance of Social-Cultural Anthropology and its relationship with other branches of anthropology.
2. They will learn about concepts of society, culture, social stratification, etc.
3. They will also learn about important institutions like family, marriage and kinship.
4. From the practical component they will learn how to follow up some of the commonly used techniques of data collection in Social-Cultural Anthropology.

Lectures

Unit I:	Meaning and Scope of Social Anthropology, and its Relationship With Other Disciplines (Social Sciences and Medical Sciences). Concept of Culture, Attributes of Culture (Culture Trait, Culture Complex), Acculturation, Trans-Culturation, Civilization, Society, Status and Role	12
Unit II :	Brief Outline of Anthropological Theories: Evolutionism, Historical Particularism, Diffusionism, Functionalism, Symbolic and Interpretative.	12
Unit III :	Marriage: Definition, Typology, Residence and Functions of Marriage, Incest and Prohibited Categories, Preferential Forms of Marriage, Marriage Payments.	12
Unit IV:	Family: Definition, Typology and Functions. Universality of Family. Households and Domestic Groups, Typological and Processual Approaches to the Study of Family. Joint Family, Stability and Change.	12
Unit V:	Kinship: Definition; Kins -Consanguine and Affinal; Principles of Descent and Alliance Theory; Types of Descent Groups-Lineages, Clans, Phratries, Moieties, Tribe; Kinship Terminology; Kinship Behaviour.	12

Essential Readings:

1. Beattie, J. (1966). *Other Cultures*. London: Taylor and Francis.
2. Beattie, J. (1966). *Other Cultures: Aims Methods and Achievement in Social Anthropology*. London: Routledge.
3. Berreman, G. D. (1965). *The Study of Caste Ranking in India*. Berkeley, Calif: Center for South Asia Studies, Institute of International Studies, University of California, Berkeley.
4. Béteille, A. (1983). *Equality and Inequality: Theory and Practice*. Delhi: Bombay
5. Delaney, Carol.(2011). *Investigating Culture; An Experimental Introduction to Anthropology*. UK: John Willey & Sons
6. Dube, S.C. (1993). *Understanding Change: Anthropological and Sociological Perspectives*. New Delhi: Vikas Publishing House
7. Dube, S. C. (2011). *India's Changing Villages*. New York: Routledge.
8. Dumont, L. (1966). *Homo Hierarchicus: Essai Sur le Système Des Castes*. Paris: Gallimard.
9. Eller, J.D. (2007). *Introducing Anthropology of Religion*. New York: Routledge Publication.
10. Ember, Carol.R. (2008). *Anthropology 12th ed*. South Asia: Pearsonson.
11. Ember, C. R. &Ember, M. (1981). *Cultural Anthropology*. New Jersey: Prentice-Hall.
12. Ferraro, G. and Andreatta, S. (2008). *Cultural Anthropology: An Applied Perspective*. USA: Wardsworth Cengage Learning.
13. Fox, R. (1967). *Kinship and Marriage: An Anthropological Perspective*. Harmondsworth: Penguin Books.
14. Ghurye, G. S. (1970). *Caste and Class in India*. Bombay: Popular Book Depot
15. Gupta, D. (2000). *Interrogating Caste: Understanding Hierarchy and Difference in Indian Society*. New Delhi [u.a.]: Penguin Books.
16. Gupta, D. (2012). *Social Stratification*. New Delhi, India: Oxford University Press.
17. Keesing, F. (1958). *Cultural Anthropology*. New York: Rinehart.
18. Jurmain, Robert et. Al. (2015). *Introduction to Physical Anthropology*. UK: Cengage Learning.
19. Kuper, A. (1988). *Culture: The Invention of Primitive Society: Transformation of an Illusion*. London: Routledge
20. Kuper, A. (1999). *Culture: The Anthropologist's Account*. London: Harvard University Press.
21. Leach, E. R. (1961). *Rethinking Anthropology*. London: The Athlone Press.

22. Leach, E.R. (1961). *Rethinking Anthropology*. London: Athlone Press.
23. Leach, E.R. 1986. *Social Anthropology*. Glasgow: Fontana Press
24. Levi-Strauss, C (1963). *Structural Anthropology*. New York: Basic Books.
25. Malinowski, B (1965). *A Scientific Theory of Culture: And Other Essays*. University of North Carolina Press.
26. Mann, R. S. (1984). *Anthropological and Sociological Theory*. Jaipur: Rawat.
27. Mair, Lucy (1998): *An Introduction to Social Anthropology*, Oxford University Press, Delhi.
28. Polanyi, K., Stiglitz, J. E. & Block, F. L. (2001). *The Great Transformation: The Political and Economic Origins of Our Time*. Boston: Beacon press.
29. Rapport, N. (2014). *Social and Cultural Anthropology*. London: Routledge.
30. Reddy, V. R. (2012). *General Anthropology*. Tirupati: V. India.
31. Singh, K. S. (1993). *Tribal Ethnography Customary Law and Change*. New Delhi: Concept Publishing Comp. Pvt. Ltd.
32. Shankar Rao (2013): *Sociology of Indian Society*, S. Chand & Company Pvt. Ltd., New Delhi.
33. Srinivas, M. N. (2016). *Social Change in Modern India*. New Delhi: Orient Black.
34. Tung, B. W. H. (2013). *Art for Social Change and Cultural Awakening*. New York: Lexington Books.
35. Uberoi, P (ed). (1993). *Family, Kinship and Marriage in India*. Delhi: Oxford University Press.
36. Upadhyay, V.S. (1997). *History of Anthropological Thought*. N. D: Concept Publishing Co.
37. Weber, M. (2013). *The Protestant Work Ethic and the Spirit of Capitalism*. Lanham: Start Publishing LLC.
38. izQqYy jaatu >k] nhif'k[kk cjuoky ,oa jktfd'kksj >k (2000) % ekuo'kkL= Hkkx &1 (lkekftd ekuo'kkL=)] ubZ fnYyh] fi;w"k ifCyds'ku]

Additional Reading

1. Atal, Y., & Indian Council of Social Science Research. (2009). *Sociology and Social Anthropology in India*. New Delhi: Indian Council of Social Science Research.
2. Gough, K. (1959). *Nayars and the Definition of Marriage*, *Journal of Royal Anthropological Institute*, 89:23-24.
3. Harari, Yuval Noah (2011). *Sapiens : A Brief History of Humankind*. UK : Penguin Random House.

M.Sc./ M.A., SEMESTER – FIRST

Anthropology

L	T	P	C
4	-	-	4

ANT - CC- 122

Advance Biological Anthropology

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05*)

End Semester = 60

***Attendance**

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the basics as well as advanced aspects of biological anthropology.
2. The students will learn about various theories related to human evolution and variation.
3. They will learn about history of Physical Anthropology and how it is related to other disciplines.
4. They will also learn about the relationship between non-human and human primates.
5. From the practical component they will learn about how to measure and study various parts of the human body.

Lectures

- Unit-I :** What is anthropology? Its definition, branches and history. Meaning and Scope of Physical Anthropology and its Relationship with Other Branches of Biological, Social and Medical Sciences. **12**
- Unit-II :** Origin of universe and evolutionary history of life. Human Origin and Evolution. Theories of Organic Evolution: Lamarkism, Darwinism, Synthetic Theory. **12**
- Unit-III :** Classification, Geographical Distribution and Chief Characteristics of Order Primate with Special Reference to Lemuriformes, Lorisiformes, Tarsiiformes, Ceboidea, Cercopithecoidea, Pongidae And Hominidae. **12**
- Unit-IV :** Fossil Primates: Types, Special Characters, Distribution and Chronology, with Special Reference to Aegyptopithecus, Propithecus, Dryopithecinae Complex Including Ramapithecus, Australopithecus, Pitcanthropus Erectus, Sinanthropus Erectus, Neandertal, Cromagnon, Chancelled and Grimaldi Man. **12**
- Unit-V :** Comparative Anatomy of Man and Apes. Evolution and Functional Development of Erect Posture and Bipedal Locomotion with Special Reference to Skull, Chin, Teeth, Pelvic Girdle and Foot. **12**

Essential Readings:

1. Turnbaugh, N A., Jurmain, R., Igoe, L.K and Neison, H. (2002). Understanding Physical Anthropology and Archaeology. Wadsworth Group, Canada.
2. Lsisker, G.W. (1976). Physical Anthropology, Holt, Rinehart & Winston Inc.
3. Ember, Ember & Peregrine (2003). Anthropology. Prentice Hall Inc.
4. Relethford, J. H. (1996). Fundamentals of Biological Anthropology (Third Ed). Me Graw-Hill.
5. Montague, A. (1964). The Concept of Race. in A. Montague (ed.), The Concept of Race. New York: Collier Books, US, 12-28
6. Bodmer, W. F., & Cavalli-Sforza, L. L. (1976). Genetics, Evolution, and Man. California: San Francisco WH Freeman, USA, 231-258.
7. Buettner-Janusch, J. (1966). Origins of Man: Physical Anthropology. New York: John Wiley & Sons, US.
8. Clark, L. G., W. E. (1949). History of the Primates: An Introduction to the Study of Fossil Man. London: Trust of the British Museum, UK.
9. Harrison, Geoffrey Ainsworth. (2004). Human Biology: An Introduction to Human Evolution, Variation, Growth and Adaptability. New York: Oxford University Press, US.
10. Harrison, G. A. & Boyce, A. J. (1975). The Structure of Human Populations. London: Oxford Clarendon Press, UK.
11. Stibbe, E. P., & Smart, W. A. M. (1938). An Introduction to Physical Anthropology. London: Arnold, UK.
12. Sarkar, S. S. (1954). The Aboriginal Races of India. Calcutta: Bookland Limited. India.
13. Simpson, G. G. (1949). The Meaning of Evolution. Oxford and IBH Publishing Co.; Calcutta, India.
14. Sinnott, E. W., Dunn, L. C., & Dobzhansky, T. (1950). Principles of Genetics. Principles of Genetics, (4th ed). New York: McGraw-Hill, US.
15. Weiss, K.M. & Ballonoff, P.A. (1977). Demographic Genetics. Stroudsburg, Pa.: Dowden, Hutchinson & Ross; New York: Distributed by Halsted Press. US.
16. Williams, B. J. (1979). Evolution and Human Origins: An Introduction to Physical Anthropology. Harper Collins Publishers, India.
17. Fletcher, H. L., Hickey, G. I., & Hickey, G. I. (2013). Genetics. New York, NY: Garland Science, US.

Additional Readings:

1. Weiner, J. S., & Baker, P. T. (Eds.). (1967). The Biology of Human Adaptability: Ed. by Paul T. Baker and JS Weiner. Oxford: Clarendon Press, UK.
2. Hooton, E. A. (1946). Up from the Ape. New York: The Macmillan Company, US.
3. Wright, S. (1984). Evolution and the Genetics of Populations, Experimental Results and Evolutionary Deductions (Vol. 3). University of Chicago Press, USA.

M.Sc./ M.A., SEMESTER – FIRST

Anthropology

L	T	P	C
4	-	-	4

ANT-CC-123

European Prehistoric Archaeology

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05*)

End Semester = 60

***Attendance**

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about archaeological anthropology and its relationship with other sciences.
2. They will learn about how the past is reconstructed.
3. They will also learn about the method of understanding the prehistoric culture on the basis of archaeological finds.
4. From the practical component they will learn about identification and interpretation of Prehistoric tools.

Lectures

- Unit-I :** Introduction: Definition, Subject Matter, Branches, Aims and Applications. Relationship with Other Branches of Anthropology, with Archaeological Anthropology and Earth Sciences, Life Sciences and Social Sciences. Methods of Archeological research. **12**
- Unit-II :** Pleistocene Epoch in the Geological Time Scale: Glacial-Interglacial and Pluvial and Inter-Pluvial Climatic cycles. **12**
Evidences of Great Ice Age: Moraines, Stratigraphy, River Terraces, Eustatic Fluctuations, Loess.
Dating Methods: Absolute and Relative Dating
- Unit-III :** Eolithic Controversy. Introduction to Prehistory of Europe: Lower, Middle and Upper Paleolithic Cultures: Their Stratigraphic Position, Tool Types and Techniques. Upper Paleolithic Arts of Europe. Associated Human Fossils and Distributions(Western Europe for Lower Paleolithic, Western and Central Europe for Middle and Western and Central Europe for Upper Paleolithic) **12**
- Unit-IV :** Mesolithic Culture of Europe: Their Stratigraphic Position, Tool Types and Techniques. Mesolithic Arts in Europe. Associated Human Fossils and Distributions. **12**

Essential Readings:

1. Allchin & Allchin (1993). The Rise of Civilization of India and Pakistan. Cambaridge University Press.
2. Bhattacharya D.K. (2001). An Outline of Indian Prehistory. Palaka Prakashan, Delhi.
3. Bhattacharya D.K. (1978). Emergence of Culture in Europe. B.R. Publication, Delhi.
4. Bhattacharya D.K. (1979). Old Stone Age Tools and Techniques. K.P. Bagchi Company, Calcutta.
5. Bhattacharya D.K. (1996). Palaeolithic Europe. Humanities Press, Netherlands.
6. Bowes & Bowes, Burkitt, M. (1963). The Old Stone Age: A Study of Palaeolithic Times. London.
7. Fagan B. M. (2004). People of the Earth: An Introduction to World Prehistory. Pearson Education, New Jersey.
8. Hole, H. & Heizer, R.F. (1969). An Introduction to Prehistoric Archaeology. Hold, Rinehart & Winston, INC, New York.
9. Oakley, K.P. (1966). Frameworks for Dating Fossil Man. Weidenfeld and Nicolson, London.
10. Renfrew, C. (ed.). (1973). The Explanation of Culture Change: Models in Prehistory. Duckworth, London.
11. Sankalia H.D. (1964). *Stone Age Tools*. Poona Deccan College
12. Sankalia, H.D. (1974). Prehistory and Protohistory of India and Pakistan. Deccan College, Pune.
13. Burkit, M.C. (2011). Our early Ancestors: An Introductory study of Mesolithic Regions. Cambridge University Press, New York.
14. Wheeler, SIR M. (2010). The Indus Civilization: Supplementary Value to the Cambridge History of India. 3rd edition. Cambridge University Press, New York.
15. Reddy, V. R. (2012). Foundation of Physical Anthropology and Human Evolution. Cambridge University Press, New York.
16. Reddy, V. R. (2014). Neolithic and Post- Neolithic Cultures. Cambridge University Press, New York.
17. Reddy, V. R. (2014). Palaeolithic and Mesolithic Culture. Cambridge University Press, New York.
18. Reddy, V. R. (2014). Palaeolithic and Mesolithic Culture. Tirupati, V. India.
19. Larsen, C. S. 2016. Bioarchaeology: Interpreting Behaviour from the human skeleton, 2nd edition. Cambridge University Press, U.K.
20. Morin, E. (2012). Reassessing Palaeolithic Subsistence., Cambridge University Press, New York.

Additional Readings:

1. Fagan B.M. (1983). People of Earth: An Introduction. Boston, Little, Brown & Company.
2. Renfrew, C. and P. B. (2001). Archaeology: Theories Methods and Practices. Thames and Hudson, London.
3. Phillipson D. W. (2005). African Archaeology. Cambridge University Press, Cambridge.

M.Sc./ M.A., SEMESTER – FIRST

Anthropology

L	T	P	C
4	-	-	4

ANT -CC- 124

Research Methods & Bio- Statistics

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05*)

End Semester = 60 *Attendance

Learning Outcomes

The learning outcomes of this paper are:

1. The students will learn about the similarities and differences between technique, method and methodology.
2. They will learn about fieldwork traditions in Anthropology.
3. They will also learn about tools and techniques of data collection.
4. From the practical component they will learn about how to construct tables, make observations and conduct interviews.

Lectures

Unit-I : Field Work Tradition in Anthropology: Covering All Branches of Anthropology to Gain Holistic Perspectives; Nature of Social Research: Meaning, Importance, Purpose and Scope. Techniques of Data Collection: Observation, Interview, Schedules and Questionnaires, Focus Group Discussion, Case Study, Genealogy.	12
Unit-II : Types of Social Research: Fundamental or Pure Research, Applied Research, Action Research, Evaluation Research, Exploratory Research, Social Research and Social Survey, Research Design.	12
Unit-III : Major Steps in Social Research and Hypothesis. Report Writing: Object, Problem, Contents, Characteristics and Importance of Report Writing.	12
Unit-IV : Importance of Statistics in Anthropology. Measures of Central Tendencies: Arithmetic Mean, Median, Mode, Measures of Dispersion: Standard Deviation, Coefficient of Variation	12
Unit-V : Test of Significance: Null and Alternative Hypothesis, T-Test, Chi-Square	12

Test. Sampling: Need for Sampling, Uses of Sampling, Parameters in Statistics, Method of Sampling.

Essential Readings:

1. Bajpai, S. R. (2008): Methods of Social Survey and Research, Kitab Ghar, Kanpur.
2. Singh, P. & Nayak, J. K. (2015). Fundamentals of Research Methodology: Problems and Prospects. SSDN Publishers and Distributors: New Delhi.
3. Epstein, A. L. (Ed.). (2014). The Craft of Social Anthropology. Elsevier.
4. Kothari, C. R. and Gaurav Garg (2016): Research Methodology : Methods and Techniques, New Age International Publications, New Delhi.
5. Madge, J. (1965). The Tools of Social Science. Garden City, N.Y.: Doubleday.
6. Moser, C. A., & Kalton, G. (1971). Survey Methods in Social Investigation. (2nd Edition). Taylor and Francis Ltd.: Routledge.
7. Selltiz, C., Wrightsman, L. S., Cook, S. W., Balch, G. I., Hofstetter, R., & Bickman, L. (1991). Research Methods in Social Relations. Fort Worth [etc.]: Holt, Rinehart and Winston.
8. Beteille, A., & Madan, T. N. (1975). Encounter and Experience: The Personal Dimension of Social Anthropological Field Work. Vikas Publishing House, Delhi.
9. Danda, A. K. (1991). Research Methodology in Anthropology. Inter-India Publications. India, Vol.-146.
10. Goode, W. J., & Hatt, P. K. (2006). Methods in Social Research. Surjeet Publication, New Delhi.
11. Bernard, H. R., & Gravlee, C. C. (Eds.). (2014). Handbook of Methods in Cultural Anthropology. Rowman & Littlefield. UK.
12. Kassam, Y., & Mustafa, K. (1982). Participatory Research. An Emerging Alternative Methodology in Social Science Research, Society for Participatory Research in Asia, New Delhi. India.
13. Madrigal, L. (2012). Statistics for Anthropology. Cambridge University Press. London. UK.
14. Young, P. V. (1951). Scientific Social Surveys and Research. New York. US.
15. Pagano, M., Gauvreau, K., & Pagano, M. (2000). Principles of Biostatistics (Vol. 2). Pacific Grove, CA: Duxbury.
16. Claverie, J. M., & Notredame, C. (2013). Bioinformatics for Dummies. Hoboken, N.J.: John Wiley & Sons.
17. Rao, P. V. (2007). Statistical Research Methods In The Life Sciences. [Belmont, CA]: Thomson Wadsworth.
18. Singh, I.P. and Bhasin, M.K. (2004). A Manual of Biological Anthropology. Kamla Raj

Enterprises. New Delhi. India.

19. Madrigal, L. (2012). Statistics for Anthropology. 2nd Ed. New York. Cambridge University.

20. Fischer, M. D. (2006). Application in Computing for Social Anthropologist. London, Routledge.

21. O'Reilly, K. (2012). Ethnographic Methods. London, Routledge.

22. Baronova, D. (2012). Conceptual Foundations of Social Research Methods, 2nd Ed. London, Paradigm Publishers.

Additional Reading

1. Young, P. V. (1973). Scientific Social Surveys and Research. Printice-Hall of India, New Delhi.

2. Schluter, W. C. (1926). How to do Research Work: A Manual of Research Procedure Presenting a Simple Explanation of the Principles Underlying Research Methods. Prentice-Hall, Inc. New York, US.

3. Fischer, M. D. (1994). Applications in Computing for Social Anthropologists. Psychology Press. UK.

4. Devi, L. (1997). Encyclopedia of Social Research. Institute for Sustainable Development Lucknow & Anmol Publication PVT. LTD. New Delhi (India).

5. Barnes, M. R., & Gray, I. C. (Eds.) (2008). Bioinformatics for Geneticists. West Sussex: John Wiley & Sons.

6. Neale, B. M., AR, M., & Medland, S. E. (Eds.). (2007). Statistical Genetics: Gene Mapping Through Linkage and Association. Taylor & Francis, London.

7. JhokLro] ,- vkj- ,u- ,oa flUgk] vkuUn dqekj ¼2014½- lkekftd vuqla/kku] 'ks[kj izdk'ku] bykgkcknA

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Anthropology

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Practical in Biological Anthropology

End Semester = 60 ***Attendance**

1. The students will learn about various aspects of human anatomy, craniometry and craniograms.
2. They will learn about to identify sex and age determination.
3. From the practical component they will learn about how to measure and draw the craniogram of various parts of the human skull for the purpose of the study of palaeoanthropology and biological variations.

12

General Description of Human Bones: Skull, Long Bones, Flat Bones, Pelvic Girdle and Bones of Vertebral Column; Aging, Sexing and Side Identification of Human Bones.

12

(i) Maximum Cranial Length; (ii) Glabella-Inion Length; (iii) Nasion-Inion Length; (iv) Maximum Cranial Breadth; (v) Greatest Occipital Breadth; (vi) Bi-mastoid Diameter; (vii) Bi-auricular Breadth; (viii) Greatest Frontal Breadth; (ix) Inner-bi-Orbital Breadth; (x) Nasion-Basion Line Length; (xi) Prosthion-Basion Line Length; (xii) Nasal Height; (xiii) Nasal Breadth; (xiv) Nasion Prosthion Line Length; (xv) Orbital Breadth; (xvi) Palatal Breadth; (xvii) Palatal Length; (xviii) Breadth of Occipital Foramen; (xix) Length of Occipital Foramen; (xx) Frontal Chord; (xxi) Occipital Chord; (xxii) Sagittal Cranial Arch; (xxiii) Transverse Cranial Arch; (xxiv) Frontal Arch; (xxv) Parietal Arch; (xxvi) Occipital Arch; (xxvii) Basion-Bregmatic Height; (xxviii) Bi-condylar Breadth; (xxix) Bi-gonial Breadth; (xxx) Height of Ramus; (xxxi) Facial Profile Angle; (xxxii) Nasal Profile Angle;

(xxxiii) Alveolar Profile Angle; (xxxiv) Profile Angle of Nasal Root.

Unit-III : Indices : **12**

- (i) Cranial Index; (ii) Nasal Index; (iii) Upper Facial Index;
(iv) Transverse Fronto-Parietal Index; (v) Transverse Cranio-Facial Index.

12

Unit-IV : Craniograms Measurements :

- (i) Maximum Cranial Length; (ii) Basion-Bregma Height; (iii) Nasion-Inion Line; (iv) Nasion-Basion Line; (v) Facial Depth; (vi) Prosthion-Basion Line Length; (vii) Nasion-Lambda Line Length; (viii) Basion-Lambda Line Length; (ix) Frontal Chord; (x) Parietal Chord;

Unit-V : **12**

- (xi) Frontal Perpendicular Angle; (xii) Parietal Perpendicular Angle; (xiii) Occipital Perpendicular Angle; (xiv) Facial Profile Angle; (xv) Profile Angle of Nasal Root; (xvi) Frontal Curvature Angle; (xvii) Parietal-Curvature Angle; (xviii) Occipital Curvature Angle; (xix) Inclination Angle of Foramen; (xx) Calvarial Base Angle.

Essential Readings:

1. Luzuriaga, J. S. (1960). Manual of Physical Anthropology. Thomas: Blackwell Scientific. UK.
2. Frazer, J. E., & Breathnach, A. S. (1965). Anatomy of the Human Skeleton. London: Churchill. UK.
3. Williams, P. L. (1980). Gray's Anatomy. London: UK.
4. Singh, I. P., & Bhasin, M. K. (1968). Anthropometry. Bharti Bhawan: Delhi. India.

Additional Readings:

1. Coppock, J. T. (1999). Information Technology and Scholarship: Applications in the Humanities and Social Sciences. Oxford: Oxford University Press for the British Academy. UK.
2. Wilder, H. H. (2010). Laboratory Manual of Anthropometry. Nabu Press.

M.Sc. / M.A. SEMESTER – FIRST

Anthropology

L	T	P	C
-	-	9	4

ANT –CC-126

Practical in Somatometry and Somatoscopy

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05*)

End Semester = 60 *Attendance

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about various theories related to human evolution and variation.
2. They will learn about history of Physical Anthropology and how it is related to other disciplines.
3. They will also learn about the relationship between non-human and human primates.
4. From the practical component they will learn about how to measure and study various parts of the human body.

Lectures

Unit-I : Somatometry (Based on Current Techniques)

12

Measurement on Head :

- (i) Maximum Head Length; (ii) Maximum Head Breadth;
- (iii) Least Frontal Breadth; (iv) Bizygomatic Breadth;
- (v) Bigonial Breadth; (vi) Nasal Height;
- (vii) Nasal Breadth; (viii) Nasal Depth;
- (ix) Auricular Height; (x) Physiognomic Facial Length;
- (xi) Morphological Facial Length;
- (xii) Physiognomic Superior Facial Length;
- (xiii) Morpho-logical Superior Facial Length;
- (xiv) Physiognomic Ear Length; (xv) Physiognomic Ear Breadth;
- (xvi) Horizontal Circumference of the Head;
- (xvii) Transverse Arch of the Head; (xviii) Profile Angle

Unit-II : Indices :

12

- (i) Cephalic Index; (ii) Nasal Index; (iii) Ear Index;
- (iv) Physiognomic Facial Index; (v) Morphological Facial Index.

Unit-III : Measurement on Trunk and Limbs :

12

- (i) Height Vertex; (ii) Height Tragus; (iii) Height Sternale; (iv) Height Illiospinale;
- (v) Height Tibiale;
- (vi) Height Spherion; (vii) Height Acromian;
- (viii) Height Radiale; (ix) Height Stylion;
- (x) Height Dactylion; (xi) Sitting Height Vertex;

- (xii) Span (Arm Stretch); (xiii) Bi-acromial Diameter;
- (xiv) Chest Girth; (xv) Length of Hand;
- (xvi) Breadth of Hand; (xvii) Length of Foot;
- (xviii) Breadth of Foot; (xix) Bicristal Breadth;
- (xx) Weight of Body.

Unit-IV : Indices :

- (i) Length Breadth Index of Hand; **12**
- (ii) Length Breadth Index of Foot;
- (iii) Relative Sitting Height Index.

Unit-V: Somatoscopy : 12

- (i) Skin Colour; (ii) Hair Colour;
- (iii) Hair Form; (iv) Hair Texture;
- (v) Hair Whorls; (vi) Colour of Iris;
- (vii) Colour of Sclera; (viii) Eye Lids;
- (ix) Eye Brow (Shape and Quantity); (x) Eye Opening;
- (xi) Eye Folds; (xii) Supra Orbital Ridges;
- (xiii) Nasal Root; (xiv) Profile of Nasal Bridge;
- (xv) Nasal Septum; (xvi) Tip of Nose;
- (xvii) Fore-head; (xviii) Chin;
- (xix) Prognathism; (xx) External Ear : Ear Shapes, Ear Lobe attachment, Ear lobe shape size Darwins tubercle;
- (xxi) Lips; (xxii) Frontal Outline of the Face;
- (xxiii) Tongue Rolling; (xiv) Tongue Folding;
- (xv) Hand Clasping; (xvi) Arm Folding.

Essential Readings:

1. Luzuriaga, J. S. (1960). Manual of Physical Anthropology. Blackwell Scientific. UK.
2. Frazer, J. E. & Breathnach, A. S. (1965). Anatomy of the Human Skeleton. Churchill. UK.
3. Coppock, J. T. (1999). Information Technology and Scholarship: Applications in the Humanities and Social Sciences. Oxford University Press for the British Academy. UK.
4. Singh, I.P. & Bhasin, M.K. (2004). A Manual of Biological Anthropology. Kamla Raj Enterprises. New Delhi. India.
5. Das, B.M. & Deka, R. (2013). Physical Anthropology Practical. Kitab Mahal. Allahabad. India.

Additional Readings :

1. Williams, P. L. (1980). Gray's Anatomy. London, UK.
2. Singh, I. P., & Bhasin, M. K. (1968). Anthropometry. Bharti Bhawan, Delhi. India.

Credit Based Programme for Postgraduate Syllabus

M.Sc. /M.A. **Semester II**



2021-23

ANTHROPOLOGY

Doctor H.S. Gour Vishwavidyalaya, Sagar (M.P.)
(*A Central University*)

M.Sc. / M.A. SEMESTER – II

Paper Code	Name of the Paper	Credits	Marks
ANT -CC -221	: Social Institutions	4	100*
ANT -CC -222	: Tribal Studies	4	100*
ANT-CC- 223	: Indian Prehistoric Archaeology	4	100*
ANT-CC- 224	: Practical in Material Cultural and Computer Application	4	100*
ANT-CC-225	: Practical in Archaeology and Museology	4	100*
ANT-OE-221	: Anthropology of Rehabilitation and Resettlement	2	100*
** (Out of the department)			
Total Required Credits		22	

*** Total Marks 100 : Mid Semester = 40 (1st mid 20+ continuous internal assessment 15 + 05#)
End Semester = 60**

**** Each student has to opt a paper (ANT-OE) from other department.**

Attendance

Abbreviation :

ANT : Anthropology
CC : Core Course
OE : Open Elective

M.Sc./ M.A., SEMESTER – SECOND
Anthropology

L	T	P	C
4	-	-	4

ANT -CC- 221
Social Institutions

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the scope and relevance of Social-Cultural Anthropology and its relationship with other branches of anthropology.
2. They will learn about concepts of society, culture, social stratification, etc.
3. They will also learn about important institutions like family, marriage and kinship.
4. They will also learn about how religion, economy and politics interface with each other.
5. From the practical component they will learn how to follow up some of the commonly used techniques of data collection in Social-Cultural Anthropology.

Lectures

- Unit-I : Economic Institution:** Theories in Economic Anthropology (Formalist Approach and Substantive Approach. **12**
- Unit-II :** Production, Distribution, Exchange and Consumption in Simple and Complex Societies: Barter and Trade, Ceremonial Exchange, Reciprocity, Redistribution and Market (Gift, Potlatch, Kula, Jajmani System) **12**
- Unit-III : Political Institution:** Concepts of Power and Authority; Types of Authority; Law, Justice and Punishment in Simple Societies. Stateless Societies : Band, Tribe and Chiefdom; State and its Formation. **12**
- Unit-IV : Religion and Magic:** Anthropological Theories of Religion; Totemism and Bongaism; Religion, Science and Magic; Magico- Religious Specialists: Shamans, Priests, Mystics, Medicine man, Sorcerer and Witch. **12**
- Unit-V : Social Stratification:** Equalities and Inequalities: Egalitarian, Ranked and Stratified Societies; Caste and Class. **12**

Essential Readings:

1. **Beattie, J.** (1966). *Other Cultures*. London: Taylor and Francis.
2. **Beattie, J.** (2004). *Other Cultures: Aims methods and Achievement in Social Anthropology*. London: Routledge.
3. **Berreman, G. D.** (1965). *The Study of Caste Ranking in India*. Berkeley, Calif: Center for South Asia Studies, Institute of International Studies, University of California, Berkeley.
4. **Eller, J. D.** (2007). *Introducing Anthropology of Religion*. New York: Routledge Publication.
5. **Ember, C. R.** (2008). *Anthropology (12th ed.)*, South Asia: Pearsonson.
6. **Ember, C. R. & M. E.** (1981). *Cultural Anthropology*. New Jersey: Prentice-Hall.
7. **Ferraro, G. & Andreatta, S.** (2008). *Cultural Anthropology: An Applied Perspective*. USA: Wardsworth Cengage Learning.
8. **Gupta, D.** (2012). *Social Stratification*. New Delhi, India: Oxford University Press.
9. **Keesing, F.** (1958). *Cultural Anthropology*. New York: Rinehart
10. **Kuper, A.** (1988). *Culture: The Invention of Primitive Society: Transformation of an Illusion*. London: Routledge.
11. **Kuper, A.** (1999). *Culture: The Anthropologist's Account*. London: Harvard University Press.
12. **Leach, E. R.** (1961). *Rethinking Anthropology*. London: The Athlone Press.
13. **Leach, E. R.** (1961). *Rethinking Anthropology*. London: Athlone Press.
14. **Leach, E. R.** (1986). *Social Anthropology*. Glasgow: Fontana Press
15. **Levi-Strauss, C** (1963). *Structural Anthropology*. New York: Basic Books
16. **Malinowski, B** (1965). *A Scientific Theory of Culture: And Other Essays*. University of North Carolina Press.
17. **Mann, R. S.** (1984). *Anthropological and Sociological Theory*. Jaipur: Rawat.
18. **Polanyi, K., Joseph E. S. & Fred L. B.** (2001). *The Great Transformation: The Political and Economic Origins of Our Time*. Boston: Beacon press.
19. **Rapport, N.** (2014). *Social and Cultural Anthropology*. London: Routledge.

20. **Reddy, V. R.** (2012). General Anthropology. Tirupati: V. India.
21. **Singh, K. S.** (1993). Tribal Ethnography Customary Law and Change. New Delhi: Concept Publishing Comp, Pvt. Ltd.
22. **Srinivas, M. N.** (2016). Social Change in Modern India. New Delhi: Orient Black.
23. **Tung, B. W. H.** (2013). Art for Social Change and Cultural Awakening. New York: Lexington Books.
24. **Uberoi, P** (ed). (1993). Family, Kinship and Marriage in India. Delhi: Oxford University Press.
25. **Upadhyay, V. S.** (1997). History of Anthropological Thought. N.D: Concept Publishing Co.
26. **Weber, Max.** (2013). The Protestant Work Ethic and the Spirit of Capitalism. Lanham: Start Publishing LLC.
27. प्रफुल्ल रंजन झा, दीपशिखा बरनवाल एवं राजकिशोर झा (2000). मानव-शास्त्र भाग-I (सामाजिक मानव-शास्त्र). पियूष पब्लिकेशन.

Additional Reading :

1. Atal, Y., & Indian Council of Social Science Research. (2009). Sociology and Social Anthropology in India. New Delhi: Indian Council of Social Science Research.
2. Delaney, C. (2011). Investigating Culture; An Experimental Introduction to Anthropology. UK: John Willey & Sons.
3. Dube, S. C. (1993). Understanding Change: Anthropological and Sociological Perspectives. New Delhi: Vikas Publishing House.
4. Dube, S. C. (2011). India's Changing Villages. New York: Routledge.
5. Dumont, L. (1966). Homo Hierarchicus: Essai Sur Le Système Des Castes. Paris: Gallimard.
6. Fox, R. (1967). Kinship and Marriage: An Anthropological Perspective. Harmondsworth: Penguin Books.
7. Ghurye, G. S. (1970). Caste and Class in India. Bombay: Popular Book Depot.
8. Gough, K. (1959). Nayars and the Definition of Marriage, Journal of Royal Anthropological Institute, 89:23-24. Beteille, A. (1983). Equality and Inequality: Theory and Practice. Delhi: Bombay.
9. Gupta, D. (2000). Interrogating Caste: Understanding Hierarchy and Difference in Indian Society. New Delhi [U.A.]: Penguin Books.

M.Sc./ M.A., SEMESTER – SECOND

Anthropology

L	T	P	C
4	-	-	4

ANT - CC - 222

Tribal Studies

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

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

Lectures

Unit-I :	Concept of tribe in Indian context. Geographic and Linguistic Distribution of Tribes in India	12
Unit-II :	Tribal Societies in Changing Perspective: Pre-Colonial Period, Colonial Period, Post Independence.	12
Unit-III :	Institutional Structure: Kinship, Family and Marriage, Economy, Religion.	12
Unit-IV :	Tribal Development: Plans and Policies. History of Administration of Tribal Areas: Pre and Post Independence, Schedule Area, Tribal Area. Emergence of Ethnicity and Tribal Movement/ Unrest.	12
Unit-V :	Tribal; Problems: Land Alienations, Indebtedness, Bonded Labour, Problems Related to Education, Unemployment. Health and Nutrition, Displacement of Tribes, Problems of Rehabilitations and Migrations.	12

Essential Readings:

1. Bose, N. K. (2011). Tribal Life in India. NBT India.
2. Choudhury, B., & Choudhury, S. (1982). On Some Tribal Problems. Tribal Development in India, Problems and Prospects, Inter India Publications, Delhi, 83-84. Delhi. India.
3. Elwin, V. (1957). A Philosophy for NEFA. Gyan Publishing House. New Delhi. India.
4. Elwin, V. (2002). The Baiga/by Verrier Elwin; With a Foreword by JH Hutton. Gyan Publishing House. New Delhi. India.
5. Evans-Pritchard, E. E. (1940). The Nuer (Vol. 940). Clarendon: Oxford. London. UK.
6. Fuchs, S. (1973). Aboriginal Tribes of Eastern India. Cosmo Publications Genetics. 14(2), 101-105. New Delhi. India.
7. Ghurye, G. S. (1980). The Scheduled Tribes of India. Transaction Publishers.US.
8. Majumdar, D. N. (1961). Races and Cultures of India Ed. 4th. Asia Publishing House. Bombay. India.
9. Sharma, B. D. (1986). Basic Issues in Tribal Development. Journal of Social. Udaipur. India.
10. Singh, K. S. (1982). Tribal Movements in India Vol. 1. Ajay Kumar Jain. New Delhi. India.

Additional Reading :

1. Gomango, G. (1992). Constitutional Provisions for the Scheduled Castes and the Scheduled Tribe. Himalaya Publishing House. New Delhi. India.
2. Sharma, A. N. (2002). Tribal Welfare and Development: Emerging Role of Anthropological Explorations. New Delhi: Sarup & Sons. New Delhi. India

M.Sc./ M.A., SEMESTER – SECOND

Anthropology

L	T	P	C
4	-	-	4

ANT - CC- 223

Indian Prehistoric Archaeology

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about prehistoric culture through the technique of manufacturing tools.
2. They will learn about the methods of climatic reconstruction.
3. They will also learn about Pleistocene chronology of India.
4. From the practical component they will learn about identification of tools and lithic technology.

Lectures

Unit-I	Paleolithic Times in India: Their Stratigraphic, Distribution, Tool Types, Techniques and Associated Human Fossils. Development and Significance of the Palaeolithic Arts of India.	12
Unit-II	Mesolithic Times in India. Their Stratigraphic, Distribution, Tool Types, Techniques and Associated Human Fossils. Development and Significance of the Mesolithic Arts in India.	12
Unit-III	Neolithic Times in India. Their Stratigraphic, Distribution, Tool Types, Techniques and Associated Human Fossils. Neolithic Complex in India and Their Problems.	12
Unit-IV	Protohistoric Period with Special Reference to Sindhu Valley Civilization/ Indus Valley Civilization. It's Distribution in Different Sites and Their Findings.	12
Unit-V	Definition and Types of Megaliths. Distribution and Main Characteristics of Indian Megaliths. Copper, Bronze and Iron Age of India. Its Features and Distributions in India.	12

Essential Readings:

1. **Allchin & Allchin** (1993). *The Rise of Civilization of India and Pakistan*. Cambridge University Press.
2. **Bhattacharya D.K.** (2001). *An Outline of Indian Prehistory*. Palaka Prakashan, Delhi.
3. **Bhattacharya D.K.** (1978). *Emergence of Culture in Europe*. B.R. Publication, Delhi.
4. **Bhattacharya D.K.** (1979). *Old Stone Age Tools and Techniques*. K.P. Bagchi Company, Calcutta.
5. **Bhattacharya D.K.** (1996). *Palaeolithic Europe*. Humanities Press, Netherlands.
6. **Bowes & Bowes**, Burkitt, M. (1963). *The Old Stone Age: A Study of Palaeolithic Times*. London.
7. **Burkit, M.C.** (2011). *Our early Ancestors: An Introductory study of Mesolithic Regions*. Cambridge University Press, New York.
8. **Fagan B.M.** (2004). *People of the Earth: An Introduction to World Prehistory*. Pearson Education, New Jersey.
9. **Hole, H.** & Heizer, R.F. (1969). *An Introduction to Prehistoric Archaeology*. Hold, Rinehart & Winston, INC, New York.
10. **Morin, E.** (2012). *Reassessing Palaeolithic Subsistence.*, Cambridge University Press, New York.
11. **Oakley, K.P.** (1966). *Frameworks for Dating Fossil Man*. Weidenfeld and Nicolson, London.
12. **Reddy, V.R.** (2012). *Foundation of Physical Anthropology and Human Evolution*. Cambridge University Press, New York.
13. **Reddy, V.R.** (2014). *Neolithic and Post- Neolithic Cultures*. Cambridge University Press, New York.
14. **Reddy, V. R.** (2014). *Palaeolithic and Mesolithic Culture*. Cambridge University Press, New York.
15. **Reddy, V. R.** (2014). *Palaeolithic and Mesolithic Culture*. Tirupati, V. India.
16. **Sankalia H.D.** (1964). *Stone Age Tools*. Poona Deccan College
17. **Sankalia, H.D.** (1974). *Prehistory and Protohistory of India and Pakistan*. Deccan College, Pune.
18. **Wheeler, SIR M.** (2010). *The Indus Civilization: Supplementary Value to the Cambridge Hiploy of India*. 3rd edition. Cambridge University Press, New York.

Additional Readings :

1. **Larsen, C.S.** (2016). *Bioarchaeology: Interpreting Behaviour from the human skeleton*, 2nd edition. Cambridge University Press, U.K.
2. **Morin, E.** (2012). *Reassessing Palaeolithic Subsistence*. New York, Cambridge University Press.
3. **Oakley, K. P.** (1966). *Frameworks for Dating Fossil Man*. London: Weidenfeld and Nicolson.
4. **Phillipson D.W.** (2005). *African Archaeology*. Cambridge University Press, Cambridge.
5. **Reddy, V. R.** (2012). *Foundation of Physical Anthropology and Human Evolution*. New York, Cambridge University Press.
6. **Reddy, V. R.** (2014). *Neolithic and Post-Neolithic Cultures*. New York, Cambridge University Press.
7. **Reddy, V. R.** (2014). *Palaeolithic and Mesolithic Culture*. New York, Cambridge University Press.
8. **Reddy, V. R.** (2014). *Palaeolithic and Mesolithic Culture*. Tirupati, V. India.
9. **Renfrew, C.** (ed.). (1973). *The Explanation of Culture Change: Models in Prehistory*. Duckworth, London.
10. **Renfrew, C.** and P. B. (2001). *Archaeology: Theories Methods and Practices*. Thames and Hudson, London.
11. **Sankalia, H. D.** (1964). *Stone Age Tools*. Poona Deccan College.
12. **Sankalia, H. D.** (1974). *Prehistory and Protohistory of India and Pakistan*. Pune: Deccan College.

M.Sc./ M.A., SEMESTER – SECOND

Anthropology

ANT - CC- 224

L	T	P	C
-	-	9	4

Practical in Material Culture and Computer Application

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about the identification and technology of the simple societies.
2. The students will also learn about different implements or artefacts like gathering and hunting, agricultural implements, transport and musical.
3. The students will learn the basics of computer along with data entry, analysis and report writing.
4. The students will also learn how to make power point presentations.

Material Culture:

Identification and Technological Description of Following in Respect of the Simple Societies:

	Lectures
Unit-I : Implements of (a) Food Gathering (b) Hunting (c) Fishing	12
Unit-II : Implements of (d) Agriculture (e) Fire Making (f) Land and Water Transport	12
Unit-III : Implements of (g) Musical Instruments and (h) Types of Habitations	12

Computer Application :

Unit-IV : Application of Computer in Anthropological Study and Research. Face to Face with Computer. Basics of Computer- Configuration and Accessories. Introduction to MS-Word, MS-Excel, Power-Point With Reference to Data Entry, Data Analysis and Report Writing.	12
Unit-V : Preparation of Power Point Presentation for Seminar (Each Student Have to Prepare and Present Their Seminar with the Help of Power Point Presentation and LCD.)	12

Essential Readings:

1. Coppock, J. T. (1999). Information Technology and Scholarship: Applications in the Humanities and Social Sciences. Oxford: Oxford University Press for the British Academy.UK.
2. Frazer, J. E., & Breathnach, A. S. (1965). Anatomy of the Human Skeleton. London: Churchill. UK.
3. Reddy, V. Rami (2014) : Elements of Prehistory, Indira Publication, Trupati.
4. Reddy, V. Rami (2014) : Neolithic and Post Neolithic Cultures, , Indira Publication, Trupati.
5. Reddy, V. Rami (2014) : Palaeolithic and Mesolithic Cultures, Indira Publication, Trupati.
6. pkScs] jes'k] ferkJh fe=k ,oa dYiuk lSuh % ekuofoKku izk;ksfxdh] Hkkx&2] e/;izns'k fgUnh xzUFk vdkneh] Hkksiky

Additional Readings :

1. Bunin, R. B. (2008). Microsoft Office 2007: Introductory Course. Cambridge, Mass: Course Technology.UK.

M.Sc./ M.A., SEMESTER – SECOND

Anthropology
ANT - CC 225

L	T	P	C
-	-	9	4

Practical in Archaeology and Museology

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about history of museums in India and the relationship between museums and anthropology.
2. They will learn about museum collection, documentation and display.
3. They will also learn about security, storage and marketing.
4. From the practical component they will learn about how to document, conserve and prepare a profile of a museum.

Lectures

Unit-I : Prehistoric Archaeology:

12

Prehistoric Tools and Implements of the Following List are to be Identified and Sketched According to Their Measurements and Described Properly.

- (a) Hand Axe Varieties and Chopper / Chopping Tools.
(b) Cleaver Varieties (c) Scraper Varieties

Particular Attention has to be Paid on the Study of Patinations, Weathering and Flaking of Stone Tools as Available in the Departmental Lab.

Unit-II : Microlith Tool Types :

12

- (a) Knives (b) Burins (c) Borers
(d) Blades (e) Neolithic Tools (Celt, Adze, Chisel, Ring-stone, Fabricator, Millstone, Mullers)

Unit-III : Museology

12

Definition, Concept and Type of Museum. Anthropological Museums and Their Importance.

Unit-IV : Museum Techniques

Each Student is Required to Learn the Preservation and Conservation Techniques of the Museum.

12

Unit-V : Museum Visits (at own expenses)

12

Each Student has to Perform Maintenance of Museum Specimen of Department's Museum in the Strict Supervision of Concerned Teacher and Museum Curator. They Also have to Visit Other Museums of University Campus and Prepare a Report on These Museum Specially Regarding Their Specimen, Method of Display and Technique of Preservation and Maintenance of Different Object.

Essential Readings:

1. **Agrawal, D.P.** (1982). The Archaeology of India (London).
2. **Bhattacharya, D.K.** (1972). Pre-historic Archaeology. (Delhi)
3. **Atkinson, R.J.C.** (1946). Field Archaeology. (Delhi).
4. **Bhattacharya, D. K.** : Indian Prehistory, Palika Publication, New Delhi.
5. pkScs] jes'k % iqjkrkfRod ekuofoKku] e;/izns'k fgUnh xzUFk vdkneh] Hkksiky-

Additional Readings :

1. **Burkitt, M.C.** (1925). Pre-history.
2. **Childe, V.G.** (1956). Man Makes Himself (London).
3. **Clark, D. L.** (1968). Analytical Archaeology (London).
4. **Deo. S. B. P.** (1985). Recent Advances in India Archaeology. (Poona).

M.Sc./ M.A., SEMESTER – SECOND
Anthropology

L	T	P	C
2	-	-	2

ANT - OE- 221
Anthropology of Rehabilitation and Resettlement

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

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

Lectures

Unit-I :	Basic Concepts of Rehabilitation and Resettlement; R & R – A Global Scenario, R & R – A National Scenario, Theory of R & R Developed by Michael Cernea; Reconstruction Model Planning for Resettler's Recovery by Using Risks and Reconstruction Model of Michael Cernea.	6
Unit – II :	Facilitating Proper R & R, Identification of Maps & Baseline Data Collection, Process of Planning R & R, Resettlement Issues.	6
Unit – III:	Application of R & R, Preparation of Community Development Activities for Displaced People.	6
Unit – IV:	Types of Displacements - A Case Analysis : Irrigation Projects or Industrial Projects or Hydro-Electric Project or Mining Project; Impact of Displacement on Indigenous People.	6
Unit – V:	Institutional Arrangement- Preparation of Community Development Activities for Displaced People, National R & R Policies and Act.	6

Essential Readings:

1. Bose, B.P.C., Disaster Policies and Administration: A Study of Three Andhra Disasters.
2. Cohen, Stephen P. and C.V. Raghavulu, The Andhra Cyclone of 1988. Individual and Institutional Responses to Mass Death.
3. Fernandes, Walter and Thakria, Enekshi G., Development, Displacement and Rehabilitation.
4. Gangopadhyay, T. and Mankodi, K.A., Rehabilitation: The Ecological and Economic Crisis.
5. Goldsmith and Hildyard, N., The Social and Environmental Effects of Large Dams.
6. Keiler, Stephen L., Uprooting and Social Change.
7. Schdder, T., The Human Ecology and Big Projects: River Basin Development and Resettlement.

Suggested Readings :

1. The Gazette of India: Ministry of Law and Justice (2007). The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006. New Delhi.
2. The Gazette of India: Ministry of Tribal Affairs (2012). The Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Amendment Rules. New Delhi.
3. The Gazette of India: Ministry of Law and Justice (2013). The Right to Fair Compensation and Transparency in Land Acquisition, Rehabilitation and Resettlement Act, 2013. New Delhi.
4. Report of the High Level Committee on Socio-economic, Health and Educational Status of Tribal Communities of India submitted to the Ministry of Tribal Affairs, Government of India May, 2014.

Credit Based Programme for Postgraduate Syllabus:

M.Sc. /M.A. Semester III (*Biological Anthropology*) (*Group – A*)



2022-24

ANTHROPOLOGY

Doctor H.S. Gour Vishwavidyalaya, Sagar (M.P.)
(*A Central University*)

SEMESTER – III
Group – ‘A’
(Biological Anthropology)

Paper Code	Name of the paper	Credits	Marks
ANT- CC- 321 ‘A’	: Human Genetics	4	100*
ANT- CC -322 ‘A’	: Practical in Osteometry & Dermatoglyphics	4	100*
ANT- CC -323 ‘A’	: Practical in Biochemical Genetics, Cytogenetics and Physiology	4	100*
<u>Select any two papers</u>			
ANT- EC- 321 ‘A’	: Applied Biological Anthropology	3	100*
ANT- EC- 322 ‘A’	Forensic Anthropology	3	100*
ANT- EC -323 ‘A’	: Ecological Anthropology	3	100*
ANT- EC -324 ‘A’	Medical Anthropology	3	100*
	ANT-OE-321 ‘A’		
	Medical Genetics	2	100*
	** (Out of the department)		
Total Required Credits		20	

* **Total Marks 100: Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#)**
End Semester = 60

**** Each student has to opt a paper (ANT-OE) from other department.**

Attendance

Abbreviation :

ATH or ANT or ANTH : Anthropology
 CC : Core Course
 EC : Elective Course
 GE : Generic Elective
 OE : Open Elective
 AEC : Ability Enhancement Course
 DSE : Discipline Specific Elective
 SEC : Skill Enhancement Course

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology

L	T	P	C
4	-	-	4

ANT - CC 321 'A'

Human Genetics

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05*)

End Semester = 60

***Attendance**

(Lectures)

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about genetics and the principles of human genetics.
2. They will learn about inheritance and the factors influencing inheritance.
3. They will also learn about the role of admixture in population structure.

Unit- I Concept and History of Genetics. Twin Studies, Pedigree Analysis, **12**
Karyotyping, Biochemical Genetic, Cytogenetic and Human Genome.

Unit- II Concept of Gene and Its Expression, Structure and Function of D.N.A., **12**
R.N.A., Replication, Transcription, Translocation, Genetic Code. Theories of Inheritance: Autosomal, Sex Linked, Multiple Allele: Compatible and Incompatible Mating. Types of Chromosomal Aberrations with Detailed Study of Following Syndrome: Patau's, Edward, Down, Klinefelter and Turner.

Unit-III Disease Implication of Serological Markers: Haemoglobins, Glucose 6 **12**
Phosphate Dehydrogenase, Haptoglobins, Transferrins, HLA System.

Unit-IV Inborn Errors of Metabolism: Phenylketonuria, Alkaptonuria, **12**
Galactosemia; Immunological Disorders: Structure and Types of Immunoglobulins. Autoimmune Diseases, Transfusion Reaction and Allergy. Genetic Engineering, Genetic Counseling, Gene Enzyme Hypothesis.

Unit-V Population Genetics: Definition, Concept And Scope; Hardy Weinberg **12**
Law. Consanguineous Mating, Polymorphism. Human Genome Project. Gene therapy.

Essential Readings:

1. **Awasthi, A.** (2013). Physical Anthropology and Human Genetics. New Delhi: Satyam Pub. House, India.
2. **Bhamrah, H. S., & Chaturvedi, C. M.** (2002). Textbook of Genetics. Anmol Publications PVT. LTD. New Delhi, India.
3. **Bodmer, W. F. & Sforza, C.** (1976). Genetics, Evolution and Man. San Francisco: W.H. Freeman, California, USA.
4. **Burdette, W. J.** (1962). Methodology in Human Genetics. W. J. Burdette (Ed.). Holden-Day. California, USA.
5. Curt, S. (1973). Principles of Human Genetics. San Francisco, Calif: Freeman. California, USA.
6. King, R.C., Stansfield, W. D. & Mulligan, P. K. (2014). A Dictionary of Genetics. Oxford Univ. London.
7. Levitan, M. & Montagu, A. (1977). Textbook of Human Genetics. Oxford University Press. New York.
8. Mange, E. J., & Mange, A. P. (1999). Basic Human Genetics. Sunderland, Mass: Sinauer Associates, Inc. Canada.
9. McKusick, V. A. (1972). Human Genetics. New Delhi: Prentice Hall of India.
10. Montagu, A. (1964). The Concept of Race. Collier-Macmillan, London, England.
11. Reddy, V. Rami (2012) : Current Trends in Human Genetics and Physical Anthropology, Indira Publication, Tirupati.
12. Reddy, V. Rami (2012). Foundation of Physical Anthropology and Human Evolution. Indira Publication, Tirupati.
13. Vogel, F. & Motulsky, A.G. (1982). Human Genetics: Problem and Approaches. Springer-Verlag Berlin Heidelberg New York.
14. Yunis, J. J. (1969). Biochemical Methods in Red Cell Genetics. New York, Academic Press. USA.

Additional Readings :

1. Harari, Y.N. (2011). Sapiens : A Brief History of Mankind. Penguin Random House, UK.
2. Harris, H. (1966). Human Biochemical Genetics. Human Biochemical Genetics. Cambridge, University Press. England.
3. Harrison, G. A. (1988). Human Biology: An Introduction to Human Evolution, Variation and Growth. Oxford University Press, London.
4. Winchester, A. M. (1966). Genetics; A Study of the Principles of Heredity. Boston, Houghton Mifflin, USA.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology
ANT - CC 322 'A'

L	T	P	C
-	-	9	4

Practical in Osteometry & Dermatoglyphics

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about osteometry, dermatoglyphics and its scope along with applications.
2. They will learn about various classifications and types of fingerprints and palmprints.
3. From the practical component they will learn about recording, determining and comparing fingerprints.
4. From the practical component they will learn about how to measure and draw the various human bones for the purpose of the study of palaeoanthropology and biological variations.

Unit- I : OSTEOLOGY PRACTICAL :

Measurements, Indices and Angles of Following Bones.

1. Clavicle :

a. Linear Measurements :

15

- (i) Maximum Length ; (ii) Vertical Diameter in Middle;
(iii) Sagittal Diameter in Middle; (iv) Girth in the Middle.

b. Indices : (i) Calibre Index; (ii) Cross-sectional Index.

c. Angles : (i) Lateral Angle

2. Scapula :

a. Linear Measurements :

- (i) Morphological Length; (ii) Morphological Breadth; (iii) Length of Spine;
(iv) Length of Supra Spinous Line; (v) Length of Infra Spinous Line;
(vi) Vertical Diameter of Glenoid Fossa; (vii) Transverse Diameter of Glenoid Fossa; (viii) Length of Auxiliary Border.

b. Indices : (i) Scapular Index; (ii) Marginal Index.

c. Angles : (i) Breadth–Length Angle; (ii) Infra-Spinous Angle; (iii) Supra-Spinous Angle; (iv) Axillo-Spinal Angle; (v) Vertebral Border Angle.

Unit- II :

3. Humerus :

- a. **Linear Measurements** : (i) Maximum Length; (ii) Total Length of Humerous; (iii) Breadth of Proximal Epiphysis; (iv) Breadth of Distal Epiphysis; (v) Least Circumference of the Shaft; (vi) Transverse Diameter of the Head; (vii) Sagittal Diameter of the Head; (viii) Breadth of Trochlea.
- b. **Indices** : (i) Calibre Index; (ii) Trochlear Epicondylar Index.
- c. **Angles** : (i) Torsion Angle; (ii) Condylodiaphysial Angle.

4. Radius :

- a. **Linear Measurements** : (i) Maximum Length; (ii) Physiological Length; (iii) Least Circumference of the Shaft; (iv) Transverse Diameter of the Shaft; (v) Sagittal Diameter of the Shaft.
- b. **Indices** : (i) Calibre Index; (ii) Cross-sectional Index.
- c. **Angles** : (i) Collo-Diaphysial Angle.

5. Ulna

- a. **Linear Measurements** : (i) Maximum Length; (ii) Physiological Length; (iii) Least Circumference of the Shaft; (iv) Maximum Breadth of the Olecranon; (v) Height of Olecranon Cap; (vi) Transverse Diameter; (vii) Dorso-Ventral Diameter.
- b. **Indices** : (i) Calibre Index; (ii) Olecranon-Cap Index.
- c. **Angles** : (i) Olecranon-Coronoid Angle; (ii) Joint Axis Angle.

Unit- III :

6. Femur

Linear Measurements : (i) Maximum Length; (ii) Physiological Length; (iii) Maximum Trochantric Length; (iv) Physiological Trochantric Length; (v) Sagittal Diameter of the Shaft; (vi) Transverse Diameter of the Shaft; (vii) Circumference in the Middle of the Shaft; (viii) Upper Sagittal Diameter of the Shaft; (ix) Upper Transverse Diameter of the Shaft; (x) Lower Sagittal Diameter of the Shaft; (xi) Lower Transverse Diameter of the Shaft.

Indices : (i) Platymetric Index; (ii) Robusticity Index.

Angles : (i) Torsion Angle; (ii) Collo-Diaphysial Angle.

7. Tibia :

Linear Measurements : (i) Total Length of Tibia; (ii) Maximum Length; (iii) Physiological Length; (iv) Girth of Shaft; (v) Maximum Diameter in the Middle of the Bone; (vi) Transverse Diameter in the Middle of the Bone.

Indices : (i) Cross-sectional Index in Middle; (ii) Length Thickness Index.

Angles : (i) Inclination Angle; (ii) Retroversion Angle.

8. Fibula :

Linear Measurements: (i) Maximum Length; (ii) Maximum Diameter in the Middle; (iii) Minimum Diameter in the Middle; (iv) Girth in Middle.

Indices : (i) Cross-sectional Index in Middle; (ii) Calibre Index.

Angle : (i) Distal Articular Surface-Shaft Angle; (ii) Proximal Articular Surface-Shaft Angle.

Unit- IV :

Dermatoglyphics: Techniques of Taking Finger, Palm and Sole Prints; Finger : Identification of Whorls, Loops and Arches; Dankmeijer's Index; Furuhashi's Index; Ridge Counting, Absolute Finger Ridge Count (AFRC), Total Finger Ridge Count (TFRC)

Unit- V :

Palm: Main Line Formulas; Axial Triadius; Angle Atd; Patterns on Interdigital Areas; A-B, B-C And C-D Ridge Counts. Calculations of the Following Indices: Pattern Intensity Indices; Main Line Index. Palmer Crease: Analysis of Palmer Flexion Crease.

Essential Readings:

1. Cummins, H., & Midlo, C. (1961). Finger Prints, Palms and Soles: An Introduction to Dermatoglyphics. New York: Dover Publications. New York, US.
2. Frazer, J. E. S., & Gray, J. E. (1946). The Anatomy of the Human Skeleton. London: J. & A. Churchill. London, UK.
3. Gray, H., Carter, H. V., & Davidson, G. (2015). Gray's Anatomy. London, UK.
4. Hamerton, J. L. (1971). Human Cytogenetics. New York: Academic Press. New York, US.
5. Hrdlic'ka, A. (1972). Practical Anthropometry. New York: AMS Press. New York, US.
6. Miller, O. J., & Therman, E. (2001). Human Chromosomes. New York: Springer. New York, US.
7. Singh, I. P., & Bhasin, M. K. (1989): Anthropometry. Delhi: Kamla-Raj Enterprises. Delhi, India.
8. Singh, I. P. and M. K. Bhasin (2004): A Manual of Biological Anthropology, Kamla-Raj Enterprises, New Delhi.

Additional Readings :

1. Race, R. R., Sanger, R., & Fisher, R. (1962). Blood Groups in Man (Vol. 142). Oxford: Blackwell Scientific Publications. England.
2. Weiner, J. S., Lourie, J. A. (1969). Human Biology, a Guide to Field Methods. London: International Biological Programme, London England.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology

L	T	P	C
-	-	9	4

ANT - CC 323 'A'

Practical in Biochemical Genetics, Cytogenetics and Physiology

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the techniques of blood grouping, Haemoglobin level.
2. They will learn about identification of sickle cell haemoglobin.
3. They will also learn about the measuring of various physiological parameters.

(Lectures)

Unit-I : Serology 9

Blood Groups and Genetical Strains. Techniques of ABO Blood Groups with Subgroups, MN and Rh Blood Grouping,

Unit-II : Calculation of Gene Frequencies 9

Calculation of the Relative Gene Frequencies (ABO, Rh, MN, PTC and Sickle cell).

Estimation of Haemoglobin by Sahil's Technique (Haemometer).

Unit-III : Biochemical Genetics 9

Techniques of Electrophoresis Using Cellulose Acetate (CelloGelstrip).

Tests for Sickle Cell Disease: $\text{Na}_2\text{S}_2\text{O}_5$.

Test for G6 PD Deficiency.

Unit-IV : Cytogenetics 9

Identification of Sex Chromatin (Barr Bodies) and Leukocyte Drum Stick, Human Chromosomes Karyotypes from Photography of Normal and Abnormal Subjects.

Unit-V : Physiology 9

Techniques of Measuring Vital Capacity, Body Temperature, Blood Pressure, Body Weight, Body Fat, Pulse Rate.

Essential Readings:

1. **Cummins, H.**, & Midlo, C. (1961). *Finger Prints, Palms and Soles: An Introduction to Dermatoglyphics*. New York: Dover Publications. New York, US.
2. **Frazer, J. E. S.**, & Gray, J. E. (1946). *The Anatomy of the Human Skeleton*. London: J. & A. Churchill. London, UK.
3. **Gray, H.**, Carter, H. V., & Davidson, G. (2015). *Gray's Anatomy*. London, UK.
4. **Hrdlička, A.** (1972). *Practical Anthropometry*. New York: AMS Press. New York, US.
5. **Miller, O. J.**, & Therman, E. (2001). *Human Chromosomes*. New York: Springer. New York, US.
6. **Race, R. R.**, Sanger, R., & Fisher, R. (1962). *Blood Groups in Man* (Vol. 142). Oxford: Blackwell Scientific Publications. Oxford, England.
7. **Singh, I. P.**, & Bhasin, M. K. (1989). *Anthropometry*. Delhi: Kamla-Raj Enterprises. Delhi, India.

Additional Readings :

1. **Hamerton, J. L.** (1971). *Human Cytogenetics*. New York: Academic Press. New York, US.
2. **Weiner, J. S.**, Lourie, J. A. (1969). *Human Biology, a Guide to Field Methods*. London: International Biological Programme, London, England.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology

L	T	P	C
3	-	-	3

ANT - EC- 321 'A' Applied Biological Anthropology

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The student will learn applied aspect of biological anthropology.
2. They will learn cytogenetic techniques of prenatal diagnosis.
3. They will learn about ultrasonography techniques prenatal diagnosis.
4. They will learn about molecular techniques used for genetic investigation.
5. They will learn application of Anthropology in different industries.

(Lectures)

- Unit-I :** Meaning and Scope of: Applied Biological Anthropology/Physical Anthropology. **9**
- Unit-II :** Cytogenetic Techniques: Application of Banding Techniques in the Identification of Structural Abnormalities, Prenatal Diagnosis, Amniocentesis. **9**
Chorionic Villi Sampling (CVS): meaning, structure and use of CVS.
Fetoscopy : Meaning & scope of Fetoscopy.
- Unit-III :** Doppler, Ultrasonography: Ultrasound and Congenital Anomalies, Ultrasound & Markers. Detection of 5 Major Recognizable Malformations Through Ultrasound. Southern Blotting, Northern Blotting, Western Blotting, Polymerase Chain Reaction (PCR), DNA Finger Printing. **9**
- Unit-IV :** Different Body Proportions: Ecological, Ethnic and Genetic Variation of Body Shape and Size in Relation to Sports Efficiency. **9**
Anthropometry in Context to Designing: Defense Equipment, Household Gadgets, Furniture and Readymade Garments.
- Unit-V :** Artificial Limbs and Footwear: Techniques and Measurements. Application of Anthropometry in Limbs and Footwear. Aerospace and Aviation. Application of : (i) Ergonomics (ii) Dynamic Measurement (iii) Technique of Measurements. Eugenics: History, Type and Application, Paternity Determination: Methods and Application. **9**

Essential Readings :

1. **Burdette, W. J.** (1962). Methodology in Human Genetics. W. J. Burdette (Ed.). Holden-Day, California, USA.
2. **Das, B. M.** (2008). Outlines of Physical Anthropology. Kitab Mahal. Allahabad, India.
3. **Falkner, F.** (1966). Human Development. Philadelphia and London: W.B. Saunders. UK.
4. **Harris, H., & Hopkinson, D. A.** (1976). Handbook of Enzyme Electrophoresis in Human Genetics. Amsterdam [u.a.], North-Holland.
5. **Harrison, G.A., J.S. Weiner, J. M. Tanner and N. A. Barnicot** (1983): Human Biology : An Introduction to Human Evolution, Variation, Growth and Ecology, Oxford University Press.
6. **Harrison, G. A.** (2004) Human Biology: An Introduction Human Evolution Variation and Adaptability, New York Oxford University Press.
7. **Levitan, M., & Montagu, A.** (1988). Textbook of Human Genetics (Vol. 21). New York: Oxford University Press, US.
8. **Kreuzer helen** (2008) Microbiology and Biotechnology A Guide for Student. III ed: Washington DC ASM, Press.
9. **Reddy, B. R.** (2012) Foundations of Physical Anthropology and Human Evolution, Tirupati, V. Indra.
10. **Reddy, B. R.** (2012) Current Trends in Human Genetics and Physical Anthropology, Tirupati, V. Indra.
11. **Singh, I. P., & Bhasin, M. K.** (1989). Anthropometry. Delhi: Kamla-Raj Enterprises, India.

Additional Readings :

- Brock, D. J., & Mayo, O.** (1978). The Biochemical Genetics of Man/Edited by DJH Brock, O. Mayo, New York: Academic Press, US.
- Sodhi, H. S.** (1991). Sports Anthropometry: A Kinanthropometric Approach. Mohali: Anova Publications, Punjab.
- Yunis, J. J., & Aebi, H.** (1969). Biochemical Methods in Red Cell Genetics. New York: Academic Press. US.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology

ANT - EC 322 'A'

L	T	P	C
3	-	-	3

Forensic Anthropology

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#) # Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the aims and scope of forensic anthropology.
2. They will learn about identification of skeletal and non-skeletal human remains.
3. They will also learn about various methods of identifying living persons.
4. From the practical component they will learn about identification of individuals on the basis of bones, blood, urine, semen, saliva, fingerprint and handwriting.

(Lectures)

- Unit- I :** Definition, Scope and Schools of Forensic Anthropology. **9**
Study of Skeletal Material: Human and Animal Remains. The Study of Bone Fragments. Attribution of Sex, Estimation of Age and Reconstruction of Stature from the Skeletal Remains, and Their Medico-Legal Implications.
- Unit- II :** Forensic Odontology: Tooth Structure and Growth, Estimation of Age in Young and Adults. Population Differences in Size and Morphology. Bite Marks. Individualization of Tooth Pulp. **9**
Establishment of Partial and Complete Identity of Skeletal Material and Dead Bodies –Morphometric Techniques.
- Unit- III :** Personal Identification of Living Persons- Identification through Somatometric and Somatoscopic Observations, Nails, Occupation Marks, Scars, Tattoo Marks and Deformities; Handwriting and Mannerisms. **9**
Finger Prints: Identification of Living and Dead Through Partial and Complete Prints. Classification of Fingerprints for Criminal Record Purposes. Chance Prints. Various Methods of Latent Print Development.
- Unit- IV :** Forensic Haemogenetics: Pattern of Blood Splashes, Identification of Bloodstains and Determination of Species of Origin. Individualization of Blood Stains: Determination of Blood Group, Sex, Age and Racial Origin from Dried Bloodstains. **9**

Essential Readings :

1. **Boorman, K. E.**, Dodd, B. E., & Lincoln, P. J. (1981). Blood Group Serology: Theory, Techniques, Practical Applications. Edinburgh: Churchill Livingstone. London.
2. **Bridges, B. C.**, & O'Hara, C. E. (1963). Practical Fingerprinting. New York: Funk and Wagnalls, US.
3. **Gabbay, E.** (1998). Crime Investigation. London: E. & J. Gabbay. England.
4. **Hillson, S.** (2013). Dental Anthropology. Milton Keynes UK: Lightning Source UK.
5. **Symons, J.** (1966). Crime and Detection: An Illustrated History From. London: Studio Vista. England.
6. **Weihs, F. J.** (1964). Science Against Crime. New York: Collier Books. US.

Additional Readings:

1. **Cherrill, F. R.** (1954). The Fingerprint System At Scotland Yard: A Practical Treatise On Fingerprint Identification For The Use Of Students And Experts And A Guide For The Use Of Investigators When Dealing With Imprints Left At The Scenes Of Crime. London, England.
2. **Simpson, K.**, & Mant, A. K. (1953). Modern Trends in Forensic Medicine. London: Butterworth, England.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology
ANT - EC 323 'A'

L	T	P	C
3	-	-	3

Ecological Anthropology

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#) # Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about biological aspects of ecology and adaptation.
2. They will learn about cultural aspects of ecology and adaptation.
3. They will also learn about the relationship between ecology and state formation.
4. From the practical component they will learn about measurement of various parts of the human body and about preparing a research design on study of any environmental problem.

(Lectures)

- Unit – I** Ecological Anthropology: Definition and Approach, Aims and Objectives; The Distinctive Inter-disciplinary Nature of Ecological Anthropology, A Critique of Cultural Determination and Environmental Determinism. **9**
- Unit – II** Ecological Approach as a Reaction to the Theory of Unilinear Evolution and as a Proponent of the School of Multilinear Evolution, Ecological Approach as a Reaction to the Concept of Culture as an Abstract 'Super Organic' Level : Revival of Cultural Materialism and Emergence of System Approach **9**
- Unit – III** Ecology and Ecosystem : Ecology as a Natural Science – Concepts of Ecosystems, Eco-Niche, Ecological Community, Energy Pyramid, Ecological Hierarchy, Competition for Resources, Territorialism. Adaptation and Adaptive Specialization, Feedback and Carrying Capacity. **9**
- Unit – IV** Major Branches of Ecological Anthropology: Population Ecology, Systems Ecology, Ethnoecology, Socio-Biology, Archaeological Ecology, Human Energetics. **9**
- Unit – V** Cultural Ecology: Inadequacy of Original Definitions of Ecology and Ecosystems when Applied to Human Society and Culture, Anthropological Reinterpretation of Ecology, Ecosystem and Other Related Concepts. **9**

Essential Readings:

1. Berry, J. W. (1976). *Human Ecology and Cognitive Style: Comparative Studies in Cultural and Psychological Adaptation*. New York: Sage Publications.
2. Bennett, J. (1976). *The Ecological Transition: Cultural Anthropology and Human Adaptation*. Pergamon Press. New York.
3. Bingham, W., & Wittfogel, K. A. (1958). *Oriental Despotism: A Comparative Study of Total Power*. New Haven: Yale University Press.
4. Chapple, E. D. (1980). *The Biological Foundations of Individuality and Culture*. Huntington, Krieger Pub. Co. New York, US.
5. Cohen, Y. A. (Ed.). (1968). *Man in Adaptation: The Cultural Present* (Vol. 2). Transaction Publishers.
6. Ehrlich, P. R., Ehrlich, A. H., & Holdren, J. P. (1973). *Human ecology: problems and solutions*. WH Freeman.
7. Eids, R. C., Singh, K. N., Singh, R. L., & Singh, R. P. (1977). *Man, Culture, and Settlement: A Festschrift Presented to Prof. RL Singh*. New Delhi: Kalyani Publishers. New Delhi, India.
8. Hardesty, D. L., & Hardesty, D. L. (1977). *Ecological Anthropology*. New York: J. Wiley. New York, US.
9. Lee, R. B., & DeVore, I. (Eds.). (1968). *Man the Hunter*. Transaction Publishers.
10. Moran, E. F. (2009). *Human Adaptability: An Introduction to Ecological Anthropology*. Westview Press. USA.
11. Netting, R. M. (1971). *The Ecological Approach in Cultural Study* (No. 6). Addison-Wesley, Australian.
12. Redfield, R. (1956). *Peasant Society and Culture: An Anthropological Approach to Civilization*.
13. Schutkowski, H. (2006). *Human Ecology: Biocultural Adaptations in Human Communities* (Vol. 182). Springer Science & Business Media.
14. Steward, J. H. (1972). *Theory of Culture Change: The Methodology of Multilinear Evolution*. University of Illinois Press. Chicago, USA.
15. Tax, S., & Freeman, L. G. (1977). *Horizons of Anthropology*. Chicago: Aldine Pub. Co. Chicago, USA.
16. Tiwari, P. D., & Sharma, A. N. (1989). *Tribal Ecosystem and Malnutrition in India: (Proceedings of the National Seminar)*. New Delhi: Northern Book Centre. New Delhi, India.
17. Theodorson, G. A. (1961). *Studies in Human Ecology*. Peterson & Company Elmsford, New York.

Additional Reading :

1. Frischno, A. R. (1993). *Human Adaptation and Accommodation*. University of Michigan Press, USA.
2. Odum, H. T. (1971). *Environment, Power and Society*. Wiley-Interscience: New York, USA.
3. Reddy, G. P. (1982). *Scarcity and Survival: A Study in Culture Ecology of Chowra Island in Nicobar Archipelago*. Delhi: D.K. Publications. New Delhi, India.
4. Ucko, P. J., & Dimbleby, G. W. (Eds.). (2007). *The Domestication and Exploitation of Plants and Animals*. Transaction Publishers: London, UK.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 324 'A'

Medical Anthropology

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) # Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about basic concepts about health, sickness and disease from anthropological perspectives.
2. They will learn about various ethnomedical practices in India.
3. They will also learn about medical pluralism in India.
4. From the practical component they will learn about collection of data and writing of report on how people respond to sickness or ill-health.

(Lectures)

- Unit-I :** Medical Anthropology: Meaning, Scope and Relevance. Concepts of Health, Disease, Sickness and Illness, Critical Medical Anthropology, Illness or Etiological Ideology, Concept of Culture and Lifestyle in Relation to Health and Disease. **9**
- Unit-II :** Ethno-Medicine, Indigenous Medical Systems, Biomedical Systems, Medical Pluralism, Alternative and Complementary Medicines and Medical Practitioners or Healers. **9**
- Unit-III :** Epidemiology: Basic Principles, Epidemiology of Communicable and Non-communicable Diseases, Occupational and Life-Style Diseases. Health Issues on RCH, Ageing, Disability, Genetic and Gender Specific Diseases. **9**
- Unit-IV :** Promotion and Health Programmes in India and Among Tribal Communities. Family Welfare, Health Education. Health Care Delivery in India, Role of WHO, UNICEF etc. Critical Assessment of National Health Policy. **9**
- Unit-V :** Research Methods in Medical Anthropology: Rapid Assessment Procedure (RAP), Free Listing, Pile Sorting, Projective Techniques and Focus Group Discussions, Genograms, Sociograms, KAP. **9**

Essential Readings:

1. Banerjee, B. G., & Jalota, R. (1988). *Folk Illness and Ethnomedicine*. Northern Book Centre. New Delhi, India.
2. Caudill, W. (1953). *Applied Anthropology in Medicine*. S.I.: Univ. of Chicago Press: Chicago, USA.
3. Foster, G. M., & Anderson, B. G. (1978). *Medical Anthropology*. John Wiley & Sons, Inc. 605 3rd Avenue. New York, USA.
4. Hasan, K. A. (1967). *The Cultural Frontier of Health in Village India: Case Study of a North Indian Village*. Bombay: Manaktalas. Bombay, India.
5. Kakar, D. N. (1984). *Folk and Modern Medicine: (A North Indian Case Study)*. Nai Sarak, Delhi: New Asian Publishers. Delhi, India.
6. Landy, D. (1978). *Culture, Disease, and Healing: Studies in Medical Anthropology*. London: Collier Macmillan. London, UK.
7. Leslie, C. M. (1998). *Asian Medical Systems: A Comparative Study*. Delhi: Motilal Banarsidass Publishers. Delhi, India.
8. Loudon, J. B. (1976). *Social Anthropology and Medicine*. Academic Press Inc. (London) Ltd., 24-28 Oval Road, London, UK.
9. Paul, B. D. (1955). *Health, Culture, and Community*. Russell Sage Foundation. New York.
10. Read, M. (1966). *Culture, Health and Disease: Social and Cultural Influence on Health Programmes in Developing Countries*. Tavistock Publications. New York, US.
11. World Health Organization. (1995). *The World Health Report*. Geneva: WHO. Geneva, Switzerland.
12. Jejeebhoy, S. J. (1995). *Women's Education, Autonomy, and Reproductive Behaviour: Experience from Developing Countries*. Oxford: Clarendon Press. Oxford, UK.

Additional Reading :

1. Bannerman, R. H. (1988). *Traditional Medicine and Health Care Coverage: A Reader for Health Administrators and Practitioners*. Geneva: World Health Organisation. Geneva, Switzerland.
2. India. (1983). *National Health Policy*. New Delhi: Ministry of Health & Family Welfare. New Delhi, India
3. Madan, T. N. (1980). *Doctors and Society: Three Asian Case Studies: India, Malaysia, Sri Lanka*. Sahibabad, Distt. Ghaziabad: Vikas. India.
4. Mead, M., & Federation, T. W. (1953). *Cultural Patterns and Technical Change*. Paris, UK.
5. Rivers, W. H. R. (1999). *Medicine, Magic and Religion: The Fitzpatrick Lectures Delivered Before the Royal College of Physicians in London in 1915-1916*. Routledge. *London*, UK.

M.Sc./ M.A., Group 'A', SEMESTER – THIRD

Anthropology

L	T	P	C
2	-	-	2

ANT - OE-321 'A'

Medical Genetics

Maximum Marks : 100

Mid Semester = 40 (1st Mid 20+ continuous internal assessment 15+05#) # Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about medical genetics and its application.
2. They will learn about inheritance and the factors influencing inheritance.
3. They will also learn about genetic counseling and method of genetic investigation.
4. From the practical component they will learn about preventive and promoting health care practice.

(Lectures)

Unit-I	Medical Genetics Via-A-Vis Medical Sciences and Genetics; Anthropology and Genetics, Anthropology and Medicine (Diseases)	6
Unit- II	Methods in Identification of Genetic Diseases: Pedigree Method, Twin Method, Cytogenetic Method, Biochemical Method, Prenatal Diagnosis, Genetic Counseling.	6
Unit- III	Ethno-Medical Aspect of Diagnosis : Control and Treatment	6
Unit- IV	Overlapping Areas and Their Relevance; Formal Genetics and Medical Genetics: To be Distinguished and Their Boundaries Identified. Timing and Possible Causation of Genetic Diseases / Syndrome / Defect / Disorder.	6
Unit- V	Congenital Deformities Having Adverse Bearing on Community Level. Genetic Epidemiology Society and Genetic Diseases: KAP and Curing Practices.	6

Essential Readings:

1. Butani, S., Kourilsky, P., & Nath, I. (1987). *Genetics, Thread of Life*. New Delhi: Wiley Eastern, India.
2. **Connor, J. M.**, & Ferguson-Smith, M. A. (1995). *Essential Medical Genetics*. Oxford: Blackwell, UK..
3. **Emery, A. E. H.** (1971). *Elements of Medical Genetics ...Second Edition*. London, Edinburgh: E. & S. Livingstone. England.
4. **Landy, D.** (1978). *Culture, Disease, and Healing: Studies in Medical Anthropology*. New York, Macmillan; Collier Macmillan. US.
5. **McKusick, V. A.**, Chase, G. A., & McKusick, V. A. (1972). *Study Guide: Human Genetics*. Englewood Cliffs, N.J: Prentice-Hall.
6. **Read, A. P.**, Donnai, D., Middleton-Price, H., (2013). *Genetics in Medicine*. Galton Institute: London, England.

Additional Readings:

1. **Morton, N. E.** (1981). *Outline of Genetic Epidemiology*. Basel: Karger. New York, US.

Credit Based Programme for Postgraduate Syllabus:

M.Sc. /M.A. Semester III *Socio-Cultural Anthropology (Group – B)*



2021-23

ANTHROPOLOGY

Doctor H.S. Gour Vishwavidyalaya, Sagar (M.P.)
(A Central University)

SEMESTER – III
Group – ‘B’
(Socio-Cultural Anthropology)

Paper Code	Name of the Paper	Credits	Marks
ANT-C C 321 ‘B’	: Classical Anthropological Theories	4	100*
ANT- CC 322 ‘B’	: Practical in Fieldwork and Research Techniques	4	100*
ANT- CC 323 ‘B’	: Practical in Research Design and Scaling Techniques	4	100*
Select any Two Papers			
ANT- EC 321 ‘B’	: Applied Socio-Cultural Anthropology	3	100*
ANT- EC 322 ‘B’	: Developmental Anthropology	3	100*
ANT- EC 323 ‘B’	: Urban Anthropology	3	100*
ANT- EC 324 ‘B’	: Medical Anthropology	3	100*
	ANT- OE 321		
	Medical Genetics	2	100*
Total Required Credit		20	

***Total Marks 100: Mid Semester = 40 (Ist mid 20 + Continuous internal assessment 15+05 *)**
End Semester = 60

**** Each student has to opt a paper (ANT-OE) from other department.**

Attendance

Abbreviation :

ATH or ANT or ANTH : Anthropology
 CC : Core Course
 EC : Elective Course
 OE : Open Elective

M.Sc./ M.A. Group ‘B’, SEMESTER–THIRD

Anthropology

L	T	P	C
4	-	-	4

ANT - CC 321‘B’

CLASSICAL ANTHROPOLOGICAL THEORIES

Maximum Marks : 100

Mid Sem. – 40:20 +20(15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about the important classical theories of anthropology.
2. They will learn about later developments in classical theories.
3. From the practical component they will learn about how present their understandings of various theories as well as their limitations.

Lectures

Unit-I :	History of Anthropological Thought: Classical Schools, Pioneer in Anthropology, Evolutionism- Herbert Spencer, Lewis Henry Morgan, Edward Burnett Tylor; Neo-evolutionism- V. Gordon Childe, Leslie White, Julian Steward.	12
Unit-II :	Diffusionism: British School- Elliot Smith, W.H.R. Rivers; German School-Wilhem Schmidt, Fritz Graebner; American School- Clark Wissler, Alfred Kroeber.	12
Unit-III :	Historical Particularism: Franz Boas, Clarke Wissler; Functionalism: Conceptual, Theoretical and Methodological Contributions of Bronislaw Malinowski, Robert K. Merton.	12
Unit-IV :	Structural-functionalism- Radcliffe Brown, Evans Pritchard, Raymond Firth; Structuralism- Levi-Strauss, Edmund Leach.	12
Unit-V :	Culture and Personality Studies- Abram Kardiner, Ruth Benedict, Cora-du-Bois, Margaret Mead.	12

Essential Readings :

1. **Barnard, A.** (2000). *History and Theory in Anthropology*. Cambridge: University Press.
2. **Bidney, D.** (1953). *Theoretical Anthropology*. New York: Columbia University Press.
3. **Ember, C. R. & Ember, M.,** (1981). *Anthropology III*rd ed. NJ: Prentice-Hall
4. **Erickson, P. A.** (1993). *Anthropological Lives: Biographies of Eminent Anthropologists (Anthropological Perspectives: Resources for Teaching Anthropology)*. New Delhi: Reliance
5. **Firth, R.** (2004). *Elements of Social Organization*. Psychology Press.
6. **Garner, R.** (2013). *Rethinking Contemporary Social Theory*. London, Paradigm.
7. **Harris, M.** (1968). *Rise of Anthropological Theory*. London: Routledge and Kegan Paul.
8. **Hastrup, K.** and Hastrup, P. (1994). *Social Experience and Anthropological Knowledge*. London: Routledge.
9. **Hastrup, K.** (1995). *A Passage to Anthropology: Between Experience and Theory*. London: Routledge.
10. **Herzfeld, M.** (2001). *Anthropology: Theoretical Practice in Culture and Society*. Oxford: Blackwell.
11. **Ingham, J. M.** (1996). *Psychological Anthropology Reconsidered*. Cambridge University Press.
12. **James, W.** (2004). *The Ceremonial Animal: A new Portrait of Anthropology*. Oxford: Oxford University Press.
13. **Kaplan, D. & Manners, R.** (1968). *Theory in Anthropology*. London: Routledge & Kegan.
14. **Layton, Robert** (1998). *An Introduction to Theory in Anthropology*. Cambridge: Cambridge University Press.
15. **Leach, E. R.** (1961). *Rethinking Anthropology*. London: The Athlone Press.
16. **Levi-Strauss, C.** (1963). *Structural Anthropology*. New York: Basic Books.
17. **Mann, R. S.** (1984). *Anthropological and Sociological Theory*. Jaipur: Rawat.

18. **McGee, R. J.** & Warms, R. L. (1996). *Anthropological Theory*. London: Mayfield Publishers.
19. **Moore, H.** (2003). *The Future of Anthropological Knowledge*. London: Routledge.
20. **Pritchard, E.** (1981). *History of Anthropological Thought*. New York: Basic Books.
21. **Radcliffe-Brown, A. R.** (1952). *Structure and Function of Primitive Society*. London: Routledge & Kegan.
22. **Sahlins, M. D.**, Harding, T.G. & Service, E.R. (1960). *Evolution and Culture*. University of Michigan Press.
23. **Steward, J. H.** (1967). *Contemporary Change in Traditional Societies: Asian rural societies*. University of Illinois Press.
24. **Stocking, G.** (1995). *After Tylor: British Social Anthropology, 1888-1951*. Madison: University of Wisconsin Press.
25. **Turner, V.W.** (1969). *The Ritual Process; Structure and Anti-Structure*. London: Routledge.
26. **Upadhyay, V. S.** & Pandey, G. (1993). *History of Anthropological Thought*. New Delhi: Concept Publishing Company.

Additional Readings :

1. **Goode, W. J.** (1973). *Explanation in Social Theory*. New York: Oxford University Press.
2. **Kuper, A.** (1988). *The Invention of Primitive Society: Transformations of an Illusion*. London: Routledge.
3. **Leach, E. R.** (1954). *Political Systems of Highland Burma*. Boston: Beacon Press.
4. **Merton, R. K.** (1968). *Social Theory and Social Structure*. Simon and Schuster.
5. **Rose, D.** (1990). *Living the Ethnographic Life*. London: Sage Publications
6. **Seligman, A. B.** (2012). *Rethinking Pluralism*. N.Y. Oxford

M.Sc./ M.A. Group 'B', SEMESTER-THIRD

Anthropology

L	T	P	C
-	-	9	4

ANT - CC 322 'B'

PRACTICAL IN FIELD WORK AND RESEARCH TECHNIQUES

Maximum Marks : 100

Mid Sem. – 40 : 20 + 20 (15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about the importance of fieldwork in anthropology and major fieldwork traditions in anthropology.
2. They will learn about the steps to be taken before starting the fieldwork.
3. They will also learn about major methods and techniques of data collection.
4. From the practical component they will learn about presentation of the report.

Lectures

- Unit-I : **Scientific research in Anthropology:** Nature of Social Science; Relationship of Social Sciences with Natural/Physical and Humanities; Problem of Subjectivity, Objectivity and Reflexivity in Anthropological Research; Research Ethics 9
- Unit-II : **Research Methodology:** Research Design, Research Problem, Literature Review, Conceptual Framework, Hypothesis, Data Collection, Analysis of Data, Report Writing. 9
- Unit-III : **Methods:** Preparation of Genealogy, Interview: Key Informant, In-Depth; Observation : Participation, Quasi Participation, Non Participation; Case Study, Participatory Method. 9
- Unit-IV : **Tools and Techniques:** Preparation of Questionnaire and Interview Schedule – Structured, Unstructured; Focus Group Discussion. 9
- Unit-V : **Visual and auditory methods -** Application and Importance of Audio-Visual Equipments Related to Field Work and Anthropological Studies. 9

* *The course includes atleast two short fieldwork projects on any social problem under which they will collect primary data from the field by using different methods and techniques.*

Essential Readings :

1. **Baronov, David.** (2012). *Conceptual Foundations of Social Research Methods*, 2nd Edition. London, Paradigm Publishers.
2. **Bernard R.** (2005). *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Alta Mira Press.
3. **Davis, M.** (2006). *Ethics and the University*. London, Routledge.
4. **Emerson R.M., Fretz R. I. & Shaw L.** (1995). *Writing Ethnographic Field notes*. Chicago, University of Chicago Press.
5. **Falzon, M. A.** (2009). *Multi Sited Ethnography: Theory, Praxis and Locality in Contemporary Research*. Ashgate Publishing Ltd. England.
6. **Fluehr-Lobban, C.** (2013). *Ethics and Anthropology: Ideas and Practice*. LANTam: Altamira Press, a Division of Rowman & Littlefield.
7. **Hammersley, M.** (2007). *Ethnography: Principles in Practice*, 3rd ed. London, Routledge.
8. **Joshi, P.C., Kataria, H.** (2010). *Writing Culture: Ethnographic Field Work*. Delhi: Dept. Of Anthropology, University of Delhi.
9. **Labban, C.F.** (2013). *Ethics and Anthropology: Ideas and Practices*. New York, Alta Mira Press.
10. **Lawrence N.W.** (2000). *Social Research Methods, Qualitative and Quantitative Approaches*. Boston: Allyn and Bacon.
11. **Mukherjee, Neela.** (2003). *Participatory Rural Appraisal: Methodology and Applications*. New Delhi, Concept Publishing Comp.
12. **O'Neill, Shane, Ed** (2012). *Recognising Theory as Social Research*. New York, Palgrave.
13. **O'reilly K.** (2005). *Ethnographic Methods*. London and New York: Routledge.
14. **Pelto P.J. and Pelto G.H.** (1978). *Anthropological Research, the Structure of Inquiry*. Cambridge: Cambridge University Press.
15. **Ram, N.** (2014). *Current Controversies in Epistemology*. New York, Routledge.

16. **Sarantakos S.** (1998). Social Research. *London*: Macmillan Press.
17. **Scales, C.A.** (2012). Recording Culture. London, Duke University Press.
18. **Srinivas, M. N.,** Shah, A. M. & Ramaswamy, E. A. (2004). The Fieldworker and the Field: Problems and Challenges in Sociological Investigation. New Delhi: Oxford University Press.
19. **Srivastva, V.K.** (2004). Methodology and Fieldwork. Oxford University Press.
20. **Stern, Phyllis, N.** (2011). Essentials of Accessible Grounded Theory. Callifornia, Left Coast Press Inc.
21. **Stanfield, J. N.** (2011). Rethinking Race and Ethnicity in Research Methods. C.A. Left Coast Press.
22. **Whiteford, L. M.,** & Trotter, R. T. (2008). Ethics for Anthropological Research and Practice. Long Grove, Ill: Waveland Press.
23. **Young, P.V.** (2012). Scientific Social Survey and Research PHI Learning. Pvt. Limited, New Delhi.

Additional Readings:

1. **Davies, C. A.** (1999). Reflexive Ethnography: A Guide to Researching Selves and Others London: Routledge.
2. **Fischer, Michael. D.** (2006). Application in Computing for Social Anthropology. London, Routledge.
3. **Garrard E.** and Dawson A. (2005). What is the Role of the Research Ethics Committee? Paternalism, Inducements, and Harm in Research Ethics. *Journal of Medical Ethics*; 31: 419-23.
4. **Joshi, P. C.** (1981). Fieldwork Experience: Relived and Reconsidered: The Agrarian Society of Uttar Pradesh. *The Journal of Peasant Studies*.
5. **Patnaik S.M.** (2011). Culture, Identity and Development: An Account of Team Ethnography in the Bhil of Jhabua. Jaipur : Rawat Publications.

M.Sc./ M.A. Group 'B', SEMESTER-THIRD

Anthropology

L	T	P	C
-	-	9	4

ANT - CC 323 'B'

Practical in Research Design and Scaling Techniques

Maximum Marks : 100

Mid Sem. – 40 : 20 + 20 (15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about practical aspect of socio-cultural anthropology.
2. They will learn about preparing research design, research proposal and scaling techniques.
3. They will also learn about various methods and techniques of data collection.
4. From the practical component they will learn about how to use the various methods and techniques of data collection and write a report on a given topic.

Lectures

Unit-I : Ethics in Social Research and its Issues.	9
Research Designs : Preparation of Research Proposals on Exploratory, Descriptive, and Experimental Design.	
Unit-II : Preparation of Research Proposals on longitudinal Studies : Cohort Studies, Case- control Studies and Cross-sectional Studies.	9
Unit-III : Preparation of Field Map. Data Analysis: Coding and Categorizing Data, Content Analysis.	9
Unit-IV : Preparation of at Least 3 Schedules for Each Scaling Technique: Thurstone Scale, Likert Scale, Bogardus Scale, Point Scale and Ranking Scale.	9
Unit-V : Measurement of Attitudes, Problems in Using Attitude As Scale. Preparation of Schedules of Attitudes Scales.	9

Essential Readings :

1. **Baronov, D.** (2012). Conceptual Foundations of Social Research Methods, 2nd Edition. London, Paradigm Publishers.
2. **Bernard, H.R.** (1988). Research Methods in Cultural Anthropology. CA: Sage.
3. **Bernard, H.R.** (1994). Research Methods in Anthropology: Qualitative and Quantitative Approaches (2nd ed.). CA: Sage.
4. **Bryman, A.** (1992). Quantity and Quality in Social Research London: Routledge.
5. **Campbell, R.** (2008). Guide to Focus Group Discussions in Micro Report # 138. United States Agency for International Development (USAID), USA.
6. **Crabtree, B.F.** And Miller, W.L., eds. (1992). Doing Qualitative Research. CA: Sage.
7. **Davis, M.** (2006). Ethics and the University. London, Routledge.
8. **Fetterman, D.M.** (1989). Ethnography Step-by-Step. CA: Sage.
9. **Goode, W.,** and Hatt, P.K. (1952). Methods in Social Research. McGraw Hill New York.
10. **Gubrium, J. F. & Holstein, J. A.,** eds. (2002). Handbook of Interview Research: Context & Method Sage, Thousand Oaks, CA.
11. **Hammersley, M.** (2007). Ethnography: Principles in Practice, 3rd ed. London, Routledge.
12. **John, A.,** Hafiz, T.A. & Khan, R. R. (2007). Research Methods for Business and Social Science Students. Sage Publication India Pvt. Ltd. New Delhi.
13. **Kirk, J., & Miller, M.** (1986). Reliability and Validity in Qualitative Research. Newbury Park, CA: Sage.
14. **Kvale, S.** (1996). Interviews: An Introduction to Qualitative Research. Interviewing Sage.
15. **Labban, C. F.** (2013). Ethics and Anthropology: Ideas and Practices. New York, Alta Mira Press.
16. **Malinowski, B.** (1922). Argonauts of Western Pacific. Rutledge and Kegan Paul London.
17. **Marshall, C.** and Rossman, G. B. (1989). Designing Qualitative Research. CA: Sage.

18. **Mukherjee, N.** (2003). Participatory Rural Appraisal: Methodology and Applications. New Delhi, Concept Publishing Comp.
19. **O'Neill, Shane, Ed.** (2012). Recognizing Theory as Social Research. New York, Palgrave.
20. **Patton, M.Q.** (1990). Qualitative Evaluation and Research Methods (2nd Ed.). CA: Sage.
21. **Pelto, P.J.** And Pelto, G.H. (1978). Anthropological Research: The Structure of Inquiry (2nd Ed.). New York: Cambridge University Press.
22. **Ram, N.** (2014). Current Controversies in Epistemology. New York, Routledge.
23. **Rivers, W. H. R.** (1910). The Genealogical Method of Anthropological Inquiry. The Sociological Review, a3: 1-12. Doi: 10.1111 / j.1467-954X.1910.tb02078.x.
24. **Scales, C. A.** (2012). Recording Culture. London, Duke University Press.
25. **Srivastava, V. K.** (2004). Methodology and Fieldwork (Eds.). Oxford University Press, New Delhi.
26. **Stanfield, J.N.** (2011). Rethinking Race and Ethnicity in Research Methods. C.A. Left Coast Press.
27. **Strauss, A. & Corbin, J.** (1990). Basics of Qualitative Research: Grounded Theory Procedures and Techniques. CA: Sage.
28. **Stern, Phyllis, N.** (2011). Essentials of Accessible Grounded Theory. Callifornia, Left Coast Press Inc.
29. **Warner, W. L.** and P.S. Lunt (1939). The Social Life of a Modern Community, Harvard University Press, USA.
30. **Yin, R. K.** (1984). Case Study Research: Design and methods. Beverly Hills, Calif: Sage Publications Chicago.
31. **Young, P.V.** (2012). Scientific Social Surveys and Research PHI Learning. Pvt.limised, New Delhi.

Additional Readings :

1. **Eduard Lindeman** (1924). Social Dictionary. Republic Publishing Co.
2. **Thomas et Al.** (1933). Observational Studies of Social Behavior. Yale University Press. Pp 361-418.
3. **Watkins, M.** Ethical Guidelines for Community / Ecological Fieldwork & Research.
[Http://www.pacifica.edu/gems/EthicalGuidelinesCommunity.pdf](http://www.pacifica.edu/gems/EthicalGuidelinesCommunity.pdf)

M.Sc./ M.A. Group 'B', SEMESTER-THIRD

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 321'B'

Applied Socio-cultural Anthropology

Maximum Marks : 100

Mid Sem. – 40 : 20 +20 (15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about applied anthropology and the various fields in which anthropological knowledge can be applied.
2. They will learn about application of anthropological knowledge in the field of development, modernization, industrialization, urbanization, etc.
3. They will also learn about application of anthropological knowledge for the welfare and development of vulnerable groups of people.
4. From the practical component they will learn about how to prepare a project for development and how to review a development project.

Lectures

- Unit-I : Meaning and Scope of Applied Socio-Cultural Anthropology. Applied and Action Anthropology; Concept of Sol Tax in Action Anthropology. 9
- Unit-II : Applied Anthropology in Administration, Industry, Education, and Public Health and in development and disaster studies. 9
- Unit-III : Anthropology in Development Planning: Micro and Macro Level Planning, Participatory Approach, Agencies of Development : Governmental and Non-Governmental, People's Participation. 9
- Unit-IV : Issues of Displacement: Natural- Floods, Epidemics, Famines, Earthquakes. Man Made- Wars, Ethnic Conflicts and Migrations, Construction of Dams and Roads. Socio-Cultural, Economic, Psychological and Ecological Consequences of Displacement. 9
- Unit-V : Relocation and Rehabilitation: Rehabilitation Policies and Programmes in Natural and Created Disasters : Management and Planning. 9

Essential Readings :

1. **Ervic, Alexander M.** (2000). Applied Anthropology: Tools and Perspectives for Contemporary Practice. Boston, MA: Allyn and Bacon.
2. **Erwin, A.** (2004). Applied Anthropology Tools and Practice. Allyn and Bacon.
3. **Goodale, M.** (2009). Human Rights: An Anthropological Reader. Wiley Blackwell.
4. **Gupta, S.** and Kapoor A.K. (2007). Human Rights, Development and Tribe In: Genes, Environment and Health - Anthropological Perspectives K. Sharma, R.K. Pathak, S. Mehra and Talwar I (eds.). Serials Publications, New Delhi.
5. **Gupta, S & Kapoor, A.K.** (2009). Human Rights in Indian Populations: Knowledge, Awareness and Practice. Gyan Publishing House, New Delhi.
6. **Halbar, B.G.** and Khan, C.G.H. (1991). Relevance of Anthropology - The Indian Scenario. Rawat Publications, Jaipur.
7. **Kapoor, A.K.** (1998). Role of NGO's in Human Development: A Domain of Anthropology. J Ind Anthropol Soc; 33: 283-300.
8. **Klepinger, L.L.** (2006). Fundamentals of Forensic Anthropology. Wiley-Liss Publications
9. **Mann, R.S.** (1994). Social Change and Social Research. New Delhi, Concept Publishing Comp.
10. **Margaret, A.G.** (2003). Applied Anthropology: A Career-Oriented Approach, Boston, MA: Allyn and Bacon.
11. **Mishra, R.C.** (2005). Human Rights in a Developing Society, Mittal Publications, Delhi.
12. **Noaln, R.W.** (2002). Anthropology in Practice: Building a Career outside the Academy. Publishing Lynne Reinner.
13. **Roy, I.B.** (2010). Anthropology: The Study of Man. S. Chand Limited, New Delhi.
14. **Srivastav, O.S.** (1996). Demographic and Population Studies. Vikas Publishing House, India.

15. **Vidyarthi, L.P.** & Sahay, B.N. (2001). Applied Anthropology and Development in India. National Publishing House, New Delhi.
16. **Vidyarthi, L.P.** (1990). Applied Anthropology in India - Principles, Problems and Case Studies. Kitab Mahal, U.P.
17. **Vidyarthi, V.** (1981). Tribal Development and its Administration. Concept Publishing Company, New Delhi.
18. **Westlund, H.** (2013). Social Capital and Rural Development in the Knowledge Society. UK, Edward Elgar Press.
19. **Willen, S. S.** (2012). Anthropology and Human Rights: Theoretical Reconsiderations and Phenomenological Explorations Journal of Human Rights 11: 150-159.

Additional Readings :

1. **Arya, A.** & Kapoor, A.K. (2012). Gender and Health Management in Afro-Indians Global Vision Publishing House, New Delhi.
2. **Government of India**, Census of India (2001, 2011) and National Family Health Survey (2006, 2010).
3. **Kumar, R.K.** & Kapoor, A.K. (2009). Management of a Primitive Tribe: Role of Development Dynamics. Academic Excellence, Delhi.
4. **Mehrotra, N.** & Patnaik, S.M. (2008). Culture vs. Coercion: The Other Side of Nirmal Gram Yojna, Economic and Political weekly. Pp 25-27.
5. **Patnaik, S.M.** (1960). Displacement, Rehabilitation & Social Change. Inter India Publications, New Delhi.

M.Sc./ M.A. Group ‘B’, SEMESTER–THIRD

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 322 ‘B’

Developmental Anthropology

Maximum Marks : 100

Mid Sem. – 40:20 +20(15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about development anthropology development debates, and the relationship between culture and development.
2. They will learn about theories of development.
3. They will also learn about tribal development plans and projects implemented in India.
4. From the practical component they will learn about how to review development projects and prepare reports on the same.

Lectures

- Unit-I : Development: Meaning and Evolution of the Concept; Indices and Measurements of Development; Development Theories and Models; Sustainable Development: Environment, Natural Resources, People’s Concern and Needs. 9
- Unit-II : Agencies for Development: Governmental and Non-Governmental, Approaches, Models, Administration, Training Man Power, Peoples Participation. 9
- Unit-III : Applied, Action and Development Anthropology: Meaning, Scope and Emerging Trends, Contributions of Anthropology to Development Studies. 9
- Unit-IV : Development Studies Contribution to Anthropological thought and Method, Moral / Ethical Issues and Limitation of Development Anthropology. 9
- Unit-V : Policy and Planning : Concept of Planning, Formulation of Policy and Planning Strategy – Phases, Target, Regions, Resources and People; Participatory Approach in Development. 9

Essential Readings :

1. Chambers, R. (1985). Managing Rural Development: Ideas and Experience from East Africa. West Hartford, Conn: Kumarian Press.
2. Chansarkar, B. A. (1984). Models for Planning in India. Bombay: Himalaya.
3. Cochrane, G. (1971). Development Anthropology.
4. Foster, G. M. (1968). Traditional Cultures, and the Impact of Technological Change. Taipei: Chuang Yuan Pub. Service.
5. Tax, Sol. (1958). Action Anthropology. Human Organization. Vol.17.No.1.
6. Rogers, E. M. (Ed.). (1976). Communication and Development: Critical Perspectives. Beverly Hills, CA: Sage.
7. Vidyarthi, L.P. (Ed.) 1968. Applied Anthropology in India.

Additional Readings :

1. Stathakēs, G., & Vaggi, G. (2012). Economic Development and Social Change. London: Routledge.
2. Kapoor and Singh (1997). Rural Development Through NGOs. Rawat Publication

M.Sc./ M.A. Group ‘B’, SEMESTER–THIRD

Anthropology

L	T	P	C
3	-	-	3

**ANT - EC 323 ‘B’
Urban Anthropology**

Maximum Marks : 100

Mid Sem. – 40:20 +20(15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about urban anthropology and the role of an urban anthropology in planning and design of a city.
2. They will learn about how an urban society is formed.
3. They will also learn about the methodology of studying urban issues like slums and crimes.
4. From the practical component they will learn about studying, documenting and preparing report on one of the problems of urban society.

Lectures

Unit-I :	Rise of City and Civilization in India- Pre-industrial, Orthogenetic and Heterogenetic; Folk-Urban Continuum of India.	9
Unit-II :	Processes of Urbanization, Urbanism, Urban Structures and Urban Ecology.	9
Unit-III :	Basic Features of Urban Social Structure - Heterogeneity, Neighbourhood, Slums, Ethnic, Cultural, Linguistic Affiliation of an Indian city.	9
Unit-IV :	Continuity and Change in Indian Urban Society- Kinship and Family, Caste, Religion.	9
Unit-V :	Secular Values and Urban setting- Secularism, Multi-ethnicity, Cultural Integration.	9

Essential Readings :

1. **Hannertz , U.** (1983). Exploring the City Inquires Towards an Urban Anthropology. Colambia University Press.
2. **Fox, R. G.** (1977). Urban Anthropology: Cities and Their Cultural Setting. Prentice Hall.
3. **Southall, A.W.** (1973). Urban Anthropology: Cross-Cultural Studies of Urban Citites. Oxford UniversityPress.
4. **Mangin, W.** (1970). Peasant in City. Houghon Mifflin.
5. **Southhall, A. & Southall, A.W.** (1973). Urban Anthropology. Oxford University Press.
6. **Eames, E. & Good, J. G.** (1977). Anthropology of the City. Prentice Hall.
7. **Uzzell, J.D. & Provencher, R.** (1976). Urban Anthropology. W.C. Brown Co. Dubuque.

Additional Readings :

1. GMelch, G & Zanner, W.P. (1996). Urban Life. Waveland Press.

M.Sc./ M.A. Group ‘B’, SEMESTER–THIRD

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 324 ‘B’ Medical Anthropology

Maximum Marks : 100

Mid Sem. – 40:20 +20(15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about concepts about health, sickness and disease from anthropological perspectives.
2. They will learn about various ethno-medical practices in India.
3. They will also learn about medical pluralism in India.
4. From the practical component they will learn about collection of data and writing of report on how people respond to sickness or ill-health.

Lectures

Unit-I :	Medical Anthropology: Meaning, Scope and Relevance. Concepts of Health, Disease, Sickness and Illness, Critical Medical Anthropology, Illness or Etiological Ideology, Concept of Culture and Lifestyle in Relation to Health and Disease.	9
Unit-II :	Ethno-Medicine, Indigenous Medical Systems, Biomedical Systems, Medical Pluralism, Alternative and Complementary Medicines and Medical Practitioners or Healers.	9
Unit-III :	Epidemiology: Basic Principles, Epidemiology of Communicable and Non-communicable Diseases, Occupational and Life-Style Diseases. Health Issues on RCH, Ageing, Disability, Genetic and Gender Specific Diseases.	9
Unit-IV :	Promotion and Health Programmes in India and Among Tribal Communities. Family Welfare, Health Education. Health Care Delivery in India, Role of WHO, UNICEF etc. Critical Assessment of National Health Policy.	9
Unit-V :	Research Methods in Medical Anthropology: Rapid Assessment Procedure (RAP), Free Listing, Pile Sorting, Projective Techniques and Focus Group Discussions, Genograms, Sociograms, KAP.	9

Essential Readings :

1. **Alland, A., Alland, A. (1970).** Adaptation in Cultural Evolution: An Approach to Medical Anthropology. Columbia University Press.
2. **Bannerman, Robert, J. Burton, & Ch'en Wen-Chieh (eds.) 1983.** Traditional Medicine and Health Care Coverage. Geneva: World Health Organization.
3. **Brown, P. J., Barrett, R.J. & Padilla, M.B. (1998).** Understanding and Applying Medical Anthropology. Mayfield Publishing Company
4. **Calabrese, Joseph, D. (2013).** A Different Medicine. New York, Oxford University Press.
5. **Elroy, Me & Townsend, P.K. (2003).** Medical Anthropology in Ecological Perspective. Westview Press.
6. **Foster, G.M. & Anderson, B.G. (1976).** Medical Anthropology. McMillan University Press.
7. **Hahn, Robert, A. (1999).** Anthropology in Public Health. Bridging Differences in Culture and Society New York: Oxford University Press.
8. **Helman, C. (2003).** Culture, Health and Illness. Butterworth Heinman.
9. **Inhorn, Marcia C. and Peter J. Brown (1997).** The Anthropology of Infectious Disease. International health Perspectives Gordon and Breach Publishers.
10. **Landy, D. (1976).** Culture, Disease and Healing: Studies in Medical Anthropology. Mcmillan University Press.
11. **Morsy, S. (1996).** Handbook of Medical Anthropology. Greenwood Press.
12. **Joshi, P. C. & Mahajan, A. (1991).** Studies in Medical Anthropology. Reliance Publishers
13. **Kalla, A. K. & Joshi, P. C. (2003).** Tribal Health and Medicines. Concept Publishing Company.
14. **Khanna, R. & Kapoor, A.K. (2007).** Ethnic Groups and Health Dimensions. Discovery Publishing House, New Delhi.
15. **Nichter, M. & Nichter. M. (1996).** Anthropology and International Health. Asian Case Studies Gordon and Breach Publishers.

Additional Readings :

1. **Kakar, S. (1982).** Shamans, Mystics and Doctors. Oxford University Press.
2. **Price, Joshuma, M. (2012).** Structural Violence. New York, State University.
3. **Reddy, V. R. (2014).** Type 2 Diabetes in the Context of Consanguinity, Conjugality, Anthropometry and Clinical Variation. Tirupati, V. Indira

M.Sc./ M.A. Group 'B', SEMESTER–THIRD

Anthropology

L	T	P	C
2	-	-	2

ANT - OE 321 'B'

Medical Genetics

Maximum Marks : 100

Mid Sem. – 40:20 +20(15+05)

End Sem. – 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about medical genetics and its application.
2. They will learn about inheritance and the factors influencing inheritance.
3. They will also learn about genetic counseling and methods of genetic investigation.
4. From the practical component they will learn about preventive and promoting health care practice.

(Lectures)

Unit-I :	Medical Genetics via-a-vis Medical Sciences and Genetics; Anthropology and Genetics, Anthropology and Medicine (Diseases).	9
Unit-II :	Methods in Identification of Genetic Diseases: Pedigree Method, Twin Method, Cytogenetic Method, Biochemical Method, Prenatal Diagnosis, Genetic Counseling.	9
Unit-III :	Ethno-medical aspect of Diagnosis : Control and Treatment	9
Unit-IV :	Overlapping Areas and Their Relevance; Formal Genetics and Medical Genetics: to be Distinguished and Their Boundaries Identified. Timing and Possible Causation of Genetic Diseases / Syndrome / Defect / Disorder.	9
Unit-V :	Congenital Deformities Having Adverse Bearing on Community Level. Genetic Epidemiology Society and Genetic Diseases: KAP and Curing Practices.	9

Essential Readings :

1. **Butani, S.**, Kourilsky, P., & Nath, I. (1987). Genetics, Thread of Life. New Delhi: Wiley Eastern, India.
2. **Connor, J. M.** & Ferguson-Smith, M. A. (1995). Essential Medical Genetics. Oxford: Blackwell, UK.
3. **Emery, A. E. H.** (1971). Elements of Medical Genetics. Second Edition. London, Edinburgh : E. & S. Livingstone. England.
4. **Landy, D.** (1978). Culture, Disease, and Healing: Studies in Medical Anthropology. New York, Macmillan; Collier Macmillan. US.
5. **McKusick, V. A.**, Chase, G. A., & McKusick, V. A. (1972). Study Guide: Human Genetics. Englewood Cliffs, N.J: Prentice-Hall.
6. **Read, A. P.**, Donnai, D., Middleton-Price, H., (2013). Genetics in Medicine. Galton Institute: London, England.

Additional Readings:

1. **Morton, N. E.** (1981). Outline of Genetic Epidemiology. Basel: Karger. New York, US.

Credit Based Programme for Postgraduate Syllabus

M.Sc. /M.A. Semester IV (*Biological Anthropology*) (*Group – A*)



2021-23

ANTHROPOLOGY

**Doctor H.S. Gour Vishwavidyalaya, Sagar (M.P.)
(*A Central University*)**

SEMESTER – IV
Group – ‘A’
(Biological Anthropology)

Paper Code	Name of the Paper	Credits	Marks
ANT- CC 421 ‘A’	Human Growth and Nutrition	4	100*
ANT- CC- 422 ‘A’	Dissertation	6	100*
Select Any Three Papers			
ANT- EC-421 ‘A’	Anthropological Demography	3	100*
ANT- EC-422 ‘A’	Ethno-Medicine	3	100*
ANT- EC- 423 ‘A’	Physiological Anthropology	3	100*
ANT- EC- 424 ‘A’	Human Cytogenetic	3	100*
	Total Required Credit	19	

*** Total Marks 100: Mid Semester = 40 (1st Mid 20+ continuous internal assessment 15+05#)
End Semester = 60**

**** Each student has to opt a paper (ANT-OE) from other department.**

Attendance

Abbreviation :

ATH or ANT or ANTH : Anthropology
CC : Core Course
EC : Elective Course
GE : Generic Elective
OE : Open Elective
AEC : Ability Enhancement Course
DSE : Discipline Specific Elective
SEC : Skill Enhancement Course

M.Sc./ M.A., Group 'A', SEMESTER – FOURTH

Anthropology

L	T	P	C
4	-	-	4

ANT - CC- 421 'A'

Human Growth and Nutrition

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the concepts and indicators of human growth and development.
2. They will learn about pre-natal and post-natal growth.
3. They will also learn about various bio-cultural factors that influence growth.
4. From the practical component they will learn about how to assess growth, obesity and nutritional status.

(Lectures)

- Unit-I:** Definition and Concepts of Growth, Differentiation, Maturation and Development. Evolution of Human Growth: Human Lifespan Development Process, Human Life Cycle. Major Stages of Human Growth and Development - Prenatal Growth, Postnatal Growth and Their Characteristics **15**
- Unit-II:** Factors Affecting Growth: Genetic and Environmental: Secular Trends, Adaptation of Growth Rates to Environmental Stresses. Methods of Studying Human Growth. **15**
- Unit-III:** Measurement and Assessment of Human Growth: Changing Human Growth Patterns, Human Growth Curves of Different Body Parts and Tissues, Catch-Up Growth, Maturation, Growth References and Standards. Abnormal Growth. **15**
- Unit-IV:** Significance of age in Growth Studies: Methods of Assessing Age- Chronological Age, Dental Age, Skeletal Age, Secondary Sex Character Age, Morphological Age, Age-Grouping. Body Composition: Methods of Study, Changes During Growth, Variation and Covariates. **15**
- Unit-V:** Nutritional Status: Assessment and Methods of Evaluation. Concept of Balanced Diet. Nutritional Epidemiology, Impact of Malnutrition Under-Nutrition and Over-Nutrition. Over weight. Obesity and problems related to it. **15**

Essential Readings :

1. **Bogin, B.** (1999). Patterns of Human Growth (Vol. 23). Cambridge University Press.
2. **Cameron, N., & Bogin, B.** (2012). Human Growth and Development. Academic Press.
3. **Garn, S. M., & Shamir, Z.** (1958). Methods for Research in Human Growth. Springfield: S.N. US.
4. **Ghosh, S.** (2004). Nutrition and Child Care: A Practical Guide. New Delhi, India: Jaypee Brothers Medical Publishers.
5. **Hulse, F. S., Weiner, J. S., & Lourie, J. A.** (1970). Human Biology. A Guide to Field Methods. IBP Handbook number .
6. **Johnson, F. E., Roche, A.F. & Susanne, C.** (1980). Proceeding on Human Physical Growth and Maturation. Plenum Publishing Corporation.
7. **Lee, C. M.** (1991). The Growth and Development of Children. London: Longman, England.
8. **Jelliffe, D. B., Jelliffe, E. F. P., Zervas, A., & Neumann, C. G. N.** (1989). Community Nutritional Assessment: With Special Reference to Less Technically Developed Countries. Oxford: Oxford University Press, UK.
9. **Tanner, J. M.** (1990). Fetus into Man: Physical Growth from Conception to Maturity. Cambridge, Massachusetts: Harvard University Press, USA.
10. **Tanner, J. M.** (1978). Growth at Adolescence. Oxford: Blackwell Scientific Publications. London.
11. **Weiner, J. S., Lourie, J. A.,** (1969). Human Biology, a Guide to Field Methods. International Biological Programme: London, England.

Additional Readings :

1. **Harrison, G.A., Tanner, J.M., Pilbeam, D.R., & Baker, P.T.** (2004). Human Biology: An Introduction to Human Evolution Variation Growth and Adaptability (3rd Edition). Oxford, New York: Oxford University Press.
2. **Heyward, V. H., & Wagner, D. R.** (2004). Applied Body Composition Assessment (No. Ed. 2). Human Kinetics.
3. **Malina, R. M., Bouchard, C., & Bar-Or, O.** (2004). Growth, Maturation and Physical Activity. Human Kinetics.

M.Sc./ M.A., Group ‘A’, SEMESTER – FORTH

Anthropology

L	T	P	C
-	-	18	6

ANT-CC 422 ‘A’

Dissertation

Maximum Marks : 100

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about how to do fieldwork.
2. They will learn about use of various techniques of data collection.
3. They will learn about classification, interpretation and presentation of data.
4. They will also learn about writing a dissertation, selecting chapter headings and subheadings, writing references, footnotes, endnotes, etc.

The Dissertation will be based on the Field Work done under the guidance of Faculty Member. It should be imparted outside Sagar district and shall be of a duration not more than one month (approximately) and not less than 21 days. The students shall be required to submit 2 copies of typed / hand written record. It Will be valued after open presentation by the student as well as per university academic ordinance 22 ‘A’. The Distribution of marks for the valuation of Dissertation will be as follows :

Open Presentation	20 Marks
Concise Dissertation	60 Marks
Viva-Voce	20 Marks
Total	100 Marks

M.Sc./ M.A., Group 'A', SEMESTER – FORTH

Anthropology

L	T	P	C
3	-	-	3

ANT - EC- 421 'A'

Anthropological Demography

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) # Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about anthropological demography and its importance in human welfare.
2. They will learn about major population theories.
3. They will also learn about the various sources of data in population studies.
4. From the practical component they will learn about how to collect demographic data from various sources and prepare a project report on the same.

(Lectures)

- Unit-I** Definition and Concept of Anthropological Demography. Basic Demographic Variables: Age, Sex, Marriage, Sex Ratio, Fertility, Migration, Mortality, Morbidity and Population Growth. **9**
- Unit-II** Factors Affecting Demographic Variables: Physical, Environmental, Biological, Socio-Cultural. **9**
- Unit-III** Population Growth Theories : Pre-Malthusian Theory, Malthus Theory, Theory of Optimum Population, Biological Theories-Michael Thomas Sadler's Theory, Doubleday's Diet Theory, Pearl and Reed's Logistic Curve Theory, Corrado Gini's Theory, Herbert Spencer's, Castro's Theory of Protein Consumption, Theory of Demographic Transition. **9**
- Unit-IV** Factors Regulating Population Growth; Fertility Rate, Birth Rate, Age-specific Fertility Rates, Net Reproductive Rate, Mortality Rate, Prenatal and Postnatal Life Table, Migration Rates, Intrinsic Rate of Natural Increase, Effective Population Size. **9**
- Unit-V** Demography and Human Adaptation, Concept of Environment, Ecology and Functional Adaptation of Human Populations. Population Policy : Definition, Policies aimed at growth, Policies aimed at distribution, Policy instruments. **9**

Essential Readings :

1. Barclay, G. W. (1975). Techniques of Population Analysis. New York u.a: Wiley. New York. US.
2. Bhende, A., & Kanitkar, T. (1978). Principles of Population Studies. Himalaya Publishing House. Bombay. India.
3. Bodmen, W. F. and Cavalli Stroza, L. L. (1971). The Genetics of Human Populations. San Francisco, Freeman.
4. Bogue, D. I. (1969). Principles of Demography. John Wiley & Sons Inc.
5. Burdette, W. J. (1962). Methodology in Human Genetics. W. J. Burdette (Ed.). Holden-Day. San Francisco. Australia.
6. Cavalli-Sforza, L. L., & Bodmer, W. F. (1999). The Genetics of Human Populations. Courier Corporation. US.
7. Cox, P. R. (2009). Demography. Cambridge, GBR: Cambridge University Press. London.UK.
8. Crow, J. F., & Kimura, M. (1970). An Introduction to Population Genetics Theory. An Introduction to Population Genetics Theory. New York. US.
9. Harrison, G. A. and Boyca, J. (1975). The Structure of Human Populations. New Zealand Grographer. Vol. 31-2:89-90.
10. Li, C. C. (1961). Human Genetics: Principles and Methods. New York: McGraw-Hill. New York. US.
11. Mamoria, C. B. (1958). Tribal Demography in India. Allahabad: Kitab Mahal. UP. India.
12. Mange, E. J., & Mange, A. P. (1999). Basic Human Genetics. Sunderland, Mass: Sinauer Associates, Inc. Foresterhill, Aberdeen.UK.
13. Nag Moni (1974). Cultural pattern in Fertility, Family Cycle and Fertility, Population debate, Vol. II.
14. Pathak, K. B., & Ram, F. (1992). Techniques of Demographic Analysis. Himalaya Publishing House. Bombay. India.
15. Spiegelman, M. (1968). Introduction to Demography. Published by Harvard University Press. UK.
16. Weiss, K. M., & Ballonoff, P. A. (Eds.). (1975). Demographic Genetics. Dowden Hutchinson and Ross. New York.US.

Additional Readings :

1. Hauser G. A. and Duncan, O. D. (1959). The study of Population. Chicago : University of Chicago Press.
2. Malhotra, K. C. (1988). Statistical Methods in Human Population Genetics. Calcutta: Indian Institute of Bio-Social Research and Development. Calcutta. India.
3. Panda, B. P. (1988). Janasankhya Bhugol, M.P. Hindi Granth Academuy, Bhopal.
4. Wright, S. (1977). Evolution and the Genetics of Populations. University of Chicago Press. Chicago. US.

M.Sc./ M.A., Group 'A', SEMESTER – FORTH

Anthropology

L	T	P	C
3	-	-	3

ANT - EC- 422 'A'

Ethno-medicine

Maximum Marks : 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) # Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the relationship between anthropology and ethno-medicine.
2. They will learn about ethno-medicine with respect to health care practices and importance traditional healers.
3. They will also learn about variation in healthcare systems in India.
4. From the practical component they will learn about how to make need based area and group specific health care delivery model.

(Lectures)

Unit – I	Definition and Concept of Ethno-Medicine: Definition of Disease, Illness, Health and Sickness. Natural and Supernatural Pathogenic Agents. Illness or Etiological Ideology.	9
Unit - II	People's Perception of Ethno Physiology and Ethno Anatomy. Ethno-Nutritional Concepts in Relation to Preventive, Primitive and Curative Health and Morbidity.	9
Unit – III	Perception of Body Image, Including Body Constitution, Composition, Elements That Contribute to the Survival of Body and Soul. Human Body As a Natural, Social, Cosmological, Political and Spiritual Symbol in the Context of Ritual Healing. Mother and Child Health Care Beliefs and Practices.	9
Unit – IV	Nature and Role of Traditional Medical Practitioners: Different Type of Ethnomedical Specialists, Their Stats and Medical Functions, Apprenticeship Pattern, Medical Knowledge of Practitioners, Animal Derivatives Administered for Various Disease, Medicines Extracted From Minerals, Other Therapies Employed.	9
Unit – V	Healing Rituals: Rituals of Inviting Healing Force for Diagnosis and Treatment, Collecting, Preparing and Administering Medicines. Therapeutic Rituals: Rituals of Appeasing Sprits, Rituals of Compromise, Rituals of Warding Off Pathogenic Agents/ Evil Effect, Rituals of Killing Pathogenic Agents, Rituals of Purification, Rituals of Prevention, Thanks Giving Rituals.	9

Essential Readings:

1. Caudill, W. (1953). *Applied Anthropology in Medicine*. Chicago: University of Chicago Press.
2. Foster, G. M. (1983). *An Introduction to Ethnomedicine*.
3. Kurian, J. C., & Tribhuwan, R. D. (1990). Traditional Medical Practitioners of the Sahyadri. *Eastern Anthropologist*, 43(3), 251-258.
4. Iwu, M. M. (1982). Perspectives of Igbo Tribal Ethnomedicine. *Cecta*, Enugu, 4-5.
5. Turner, V. W. (1967). *The Forest of Symbols: Aspects of Ndembu Ritual* (Vol. 101). Cornell University Press.

Additional Readings:

1. Hughes, C. C. (1968). Ethnomedicine: In *International Encyclopedia of the Social Sciences* 10: 87-93.
2. Kakar, D. N. (1977). *Folk and Modern Medicine*.

M.Sc./ M.A., Group 'A', SEMESTER – FORTH

Anthropology

L	T	P	C
3	-	-	3

ANT - E 423 'A'

Physiological Anthropology

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15+05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about the fundamentals of human physiology.
2. They will learn about physiological acclimatization to various environmental stresses.
3. They will also learn about the influence of factors like smoking, drinking and pollution on physiological performance.
4. They will learn about its determinants along with aging and fitness.

(Lectures)

- Unit - I** Fundamentals of Human Physiology: Cardio-vascular and Respiratory Endurance, Haemodynamics and Exercise (Blood Pressure, Pulse Rate, Heart Rate And Oxygen- Transporting System, Blood Flow, Hb, Heamatocrit etc.) **9**
- Physical Working Capacity and Physical Fitness Methodology: Evaluation of Response and Adaptation of the Body to Stress of Exercise.
- Unit - II** Variations in Respiratory Functions with Age, Sex and Environment; Interrelationship of Body Measurements with Respiratory Functions. Impact of Smoking, Alcohol, Air Pollution and Occupation On Cardio-Respiratory Functions. **9**
- Unit - III** Regulation of Body Weight: Energy Expenditure and Physical Activity. Body Composition: Methods of Assessment, Environmental and Genetic Contribution to Obesity, Treatment and Prevention and Management. Obesity and Ethnicity. **9**
- Unit - IV** Physical Performance and Environmental Stress: Heat Stress, Cold Stress and High Altitude, Chronic Diseases, Malnutrition. **9**
- Unit - V** Global Prevalence and Secular Trends in Obesity: Regulation of Body Weight- Energy Expenditure and Physical Activity. **9**
- Ageing and Health Related Aspects of Exercise. Health and Fitness

Essential Readings:

1. **Arthur, J., & Luciano, D. S.** (2000). Human Physiology. The Mechanisms of Body Function.
2. **Lauralee, S.** (2004). Human Physiology: From Cells to Systems. Thomson/Brooks/Cole Ed. Fifth Edition. Australia, 78.
3. **Nageswari, K. S., & Sharma, R.** (2006). Practical Workbook of Human Physiology. Jaypee Brothers.
4. **Starling, E. H., Evans, C. L., Davson, H., & Eggleton, M. G.** (1968). Principles of Human Physiology. Lea & Febiger.

Additional Readings:

1. **Hale, T.** (2005). Exercise Physiology: A Thematic Approach (Vol. 5). John Wiley & Sons.

M.Sc./ M.A., Group 'A', SEMESTER – FORTH
Anthropology

L	T	P	C
3	-	-	3

ANT-EC- 424 'A'

Human Cytogenetic

Maximum Marks : 100

Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#) # Attendance
End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are:

1. The student will learn about different cytogenetic techniques used for prenatal diagnosis.
2. The student will learn about banding techniques.
3. They will learn about different chromosomal abnormalities and syndromes.
4. They will learn about sex determination and x-chromosome in-activation.
5. They will learn about Human Genome.

(Lectures)

Unit - I	Cytogenetic : definition and scope, cytogenetics in context to Human Genetics and its Anthropological Significance. Various Banding Techniques, Their Significance and Application. Sister Chromatic Exchange (SCE), In-Situ Fluorescent Level, High Resolution Banding.	9
Unit - II	Chromosomes Nomenclature, Chromosome Mapping. Mosaic and Chimeras; Structural and Numerical Chromosomal Aberrations and Causes. Chromosomal Syndromes: Down' Syndrome, Patau's Syndrome. Edwards Syndrome. True and Pseudo Hermaphrodites.	9
Unit - III	Methods of Studying Human Chromosomes From Peripheral Leucocytes, Sex Chromatin From Buccal Mucosa. Lyon's Hypothesis; X-Chromosomes Inactivation's and Reactivations; Sex-Linkage, Sex-Limited and Sex-Influenced Traits; Recent Concept in Human Sex Determination.	9
Unit - IV	Prenatal Detection of Chromosome Abnormalities. Cytogenetic of Human Pregnancy Wastage, Repeated Abortion and in Primary and Secondary Amenorrhea. Cancer Cytogenetic. Chromosome Polymorphism.	9
Unit - V	The Human Genome Organization: Morphology of Chromosomes and Classification, Movable Elements in the Human Genome. Genome Organization in the Light of Chromosome Banding Techniques. Current Status of Human Cytogenetic.	9

Essential Readings:

1. **Lovejoy, C. O.** (1981). The Origin of Man. *Science*, 211(4480), 341-350.
2. **Spuhler, J. N.** (1967). *Genetic Diversity and Human Behavior*. Transaction Publishers.
3. **Steinberg, A. G.** (1959). Methodology in Human Genetics. *American Journal of Human Genetics*, 11(2 Pt 2), 315.
4. **Yunis, J. J.** (2012). *Human Chromosome Methodology*. Academic Press.

Additional Reading:

1. **Harris, H.** (1959). *Human Biochemical Genetics*. Cambridge University Press.

Credit Based Programme for Postgraduate Syllabus:

M.Sc. /M.A. Semester IV *Socio-Cultural Anthropology (Group – B)*



2021-23

ANTHROPOLOGY

**Doctor H.S. Gour Vishwavidyalaya, Sagar (M.P.)
(A Central University)**

SEMESTER – IV
Group – ‘B’
(Socio-Cultural Anthropology)

Paper Code	Name of the Paper	Credits	Marks
ANT- CC 421 ‘B’	: Modern Anthropological Theories	4	100*
ANT- CC 422 ‘B’	: Dissertation	6	100*
Select Any Three Papers			
ANT- EC 421 ‘B’	: Visual Anthropology	3	100*
ANT- EC 422 ‘B’	: Anthropology of Communication	3	100*
ANT- EC 423 ‘B’	: Anthropology of Disaster	3	100*
ANT- EC 424 ‘B’	: Anthropology Demography	3	100*
Total Required Credit		19	

*** Total Marks 100: Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#)**
End Semester = 60

Attendance

Abbreviation :

ATH or ANT or ANTH : Anthropology
 CC : Core Course
 EC : Elective Course
 GE : Generic Elective
 OE : Open Elective
 AEC : Ability Enhancement Course
 DSE : Discipline Specific Elective
 SEC : Skill Enhancement Course

M.Sc./ M.A. Group ‘B’, SEMESTER–FOURTH

Anthropology

L	T	P	C
4	-	-	4

ANT - CC 421‘B’

MODERN ANTHROPOLOGICAL THEORIES

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15 + 05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about medical genetics and its application.
2. They will learn about inheritance and the factors influencing inheritance.
3. They will also learn about genetic counseling and methods of genetic investigation.
4. From the practical component they will learn about preventive and promoting health care practice.

Lectures

- Unit-I : Historical and Dialectical Materialism- Georg Wilhelm Friedrich Hegel, Karl Marx and Friedrich Engels; Symbolic and Interpretive Anthropology- Victor Turner, David Schneider, Clifford Geertz; Post Modernism- Georg E. Marcus. 12
- Unit-II : New Ethnography- Kenneth Pike and Marvin Harris in Regard to Etic and Emic Approaches; Civilization Theories- Robert Redfield, Oscar Lewis, MacKim Marriot, Milton Singer. 12
- Unit-III : Concept of ‘Primitive’ and ‘Native’ in Anthropology; ‘Primitive’ as a Conceptual model in Anthropological Research; Dilemma of ‘We’ and ‘They’ in research; Autonomous nature of Anthropology: Integration of Scientific and Humanistic Approaches, Anthropologist as Scientist, Citizen and Humanist. 12
- Unit-IV : Globalizations and its Impact, General Theoretical Approaches- Modernization Theory, Dependency Theory, World System Theory. 12
- Unit-V : Contribution to Indian Studies- G.S. Ghurye, N.K. Bose, D.N. Majumdar, V. Elwin, L.P. Vidyarthi, Dumont, M.N. Srinivas, S.C. Dube, Leela Dube. 12

Essential Readings:

1. **Ahmed, A. S.** & Shore, C. (1995) *The Future of Anthropology: It's Relevance to the Contemporary World*. London: Athlone.
2. **Amin S.** (1976). *Unequal Development: An Essay on the Social Formations of Peripheral Capitalism*. New York: Monthly Review Press.
3. **Beteille, A.** (1998). The Idea of Indigenous People. In *Current Anthropology*, Vol. 39, No. 2, pp. 187-192.
4. **Bloch, M.** (1975). *Marxist Analyses and Social Anthropology*. New York: Wiley.
5. **Bloch, Maurice.** (1983). *Marxism and Anthropology: The History of a Relationship*. Oxford: Clarendon Press.
6. **Bloch, M.** (1991). Language, Anthropology and Cognitive Science. *Man* 26(2): 183-98.
7. **Clifford, J.** & Marcus, G. E. (1986). *Writing Culture: the Poetics and Politics of Ethnography*. Berkeley: University of California Press.
8. **Douglas, Mary.** (1978). *Cultural Bias*. London: Royal Anthropological Institute of Great Britain and Ireland.
9. **Engels, F.** (1884). *The Origin of the Family, Private Property and the State*.
10. **Erickson, P. A.** (1993). *Anthropological Lives: Biographies of Eminent Anthropologists (Anthropological Perspectives: Resources for Teaching Anthropology)*. New Delhi: Reliance.
11. **Evans-Pritchard, E.** (1981) *History of Anthropological Thought*. New York: Basic Books.
12. **Garner, Robert** (2013). *Rethinking Contemporary Social Theory*. London, Paradigm.
13. **Geertz, C.** (1974). *Myth, Symbol and Culture*. New York: W.W. Norton.
14. **Geertz, C.** (1993). *The Interpretation of Culture*. New York: Fontana Press.
15. **Harris, M.** (1968). *Rise of Anthropological Theory*. London: Routledge and Kegan Paul.
16. **Harris, M.** (1988). Theoretical Principles of Cultural Materialism. In *High Points in Anthropology*. Bohannan, Paul and Glazer, Mark, eds. New York: McGraw-Hill, Inc.
17. **Hastrup, K.** (1995). *A Passage to Anthropology: Between Experience and Theory*. London: Routledge.
18. **Hegel, Friedrich, G. W.** (1807) *Phenomenology of Spirit*.

19. **Inda, J. X.** & Renato, R. (2002.) The Anthropology of Globalization: A Reader. Blackwell Readers in Anthropology, 1. Malden, Mass: Blackwell Publishers.
20. **Ingold, T.** (1994) Companion Encyclopedia of Anthropology. London: Routledge.
21. **Marx, K.** (1990). Capital. Trans. Ben Fowkes. London: Penguin Books.
22. **Marx, Karl** & Engels, F. (1848) The Communist Manifesto.
23. **McNeil, P.** (1990). Research Methods. London: Routledge.
24. **Moore, H.** (2003). The Future of Anthropological Knowledge. London: Routledge.
25. **Morgan, L. H.** (1877). Ancient Society.
26. **Kuper, A.** (1975). Anthropologist and Anthropology. Middlesex: Penguin.
27. **Patterson, T. C.** (2009). Karl Marx, Anthropologist. New York: Berg.
28. **Spencer, J.** (1996). Symbolic Anthropology. In Encyclopedia of Social and Cultural Anthropology. Alan Barnard and Jonathan Spencer ed. Pp. 535-539. London and New York: Routledge.
29. **Srivastava, V.K.** (2008). Concept of 'Tribe' in the Draft National Tribal Policy. In Economic and Political Economy. Mumbai: Sameeksha Trust. pp. 29-35.
30. **Turner, Victor W.** (1980). Social Dramas and Stories about Them. Critical Inquiry 7:141-168.
31. **Upadhyay, V.S.** and G. Pandey. (1993). History of Anthropological Thought. New Delhi: Concept Publishing Company.
32. **Xaxa, Virginius.** (1999). Tribes as Indigenous People of India. In Economic and Political Economy. Mumbai: Sameeksha Trust. pp. 3589-3595.

Additional Readings:

1. **Charon, J.** (1992). Symbolic Interactionism. New Jersey: Prentice hall
2. **Manganaro, Marc.** (2014). Modernist Anthropology: From Fieldwork to Text. Princeton University Press.
3. **Scupin, R.** & DeCorse, C. R. (2012). Anthropology: A Global Perspective. New Delhi: Pearson/Prentice Hall.
4. **Wallerstein, I.** (1974). The Modern World-System I: Capitalist Agriculture and the Origins of the European World-Economy in the Sixteenth Century. New York: Academic Press.
5. **Seligman, A. B.** (2012). Rethinking Pluralism. N.Y. Oxford.

M.Sc./ M.A., Group ‘B’, SEMESTER – FORTH

Anthropology

L	T	P	C
-	-	18	6

ANT - CC 422 ‘B’

Dissertation

Maximum Marks : 100

Learning Outcomes :

The learning outcomes of this paper are:

1. The students will learn about how to do fieldwork.
2. They will learn about use of various techniques of data collection.
3. They will learn about classification, interpretation and presentation of data.
4. They will also learn about writing a dissertation, selecting chapter headings and subheadings, writing references, footnotes, endnotes, etc.

The Dissertation will be based on the Field Work done under the guidance of Faculty Member. It should be imparted outside Sagar district and shall be of a duration not more than one month (approximately) and not less than 21 days. the students shall be required to submit 2 copies of typed / hand written record. it will be valued after open presentation by the student as well as per university academic ordinance 22 ‘A’. the distribution of marks for the valuation of Dissertation will be as Follows :

Open Presentation	20 Marks
Concise Dissertation	60 Marks
Viva-Voce	20 Marks
Total	100 Marks

M.Sc./ M.A. Group 'B', SEMESTER–THIRD

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 421 'B' **Visual Anthropology**

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15 + 05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about Visual Anthropology and its scope.
2. They will learn about theories of representation in visual media.
3. They will also learn about ethnographic films and photography.
4. From the practical component they will learn about the techniques of making an ethnographic film.

Lectures

- Unit-I : Visual Anthropology: Concepts, Scope, Uses, and Problems; History and Development; Visual Anthropology as a Discipline for Study and as a Mode of Recording and Documenting Human Societies and their Cultures. **9**
- Unit-II : Approaches to Anthropological Films, Visual Anthropology and films- Commercial, Realistic; New Wave and Documentary Films. **9**
- Unit-III : Visual Anthropology and Analysis of Cultural Style, Visual Anthropology as a Mode to Preserve Culture and as an Input to Cultural Enrichment. **9**
- Unit-IV : Television and Visual Anthropology; Video Tape, New Technique of Observation and Analysis in Anthropology; Film Review, Appreciation and Criticism; Film as Art; The Film Language; Necessary Conditions for Film Making. **9**
- Unit-V : Development of Visual Anthropology and Ethnographic Films in India; Scope of Visual Anthropology in India and Its Uses, Origin, Problem and Future Possibilities. **9**

Essential Readings :

1. **Marcus Banks** & Morphy, H. (1998), Rethinking Visual Anthropology.
2. **Dougall, D.** (1999). Transcultural Cinema, (Princeton)
3. **Ruby, J.** (1996). "Visual Anthropology." In Encyclopedia of Cultural Anthropology, David Levinson and Melvin Ember, editors. New York: Henry Holt and Company, 4: 1345-1351.
4. **Marcus.** (2000). Visual Methods in Social Research. London: Sage. Ch. 1, "Reading Pictures," pp. 1-12.
5. **Banks M.** & Ruby J. (2011). Made do Be Seen. Perspectives on the History of Visual Anthropology. University of Chicago Press [Practical].
6. **Schneider A.** & Wright C. (2010) Between Art and Anthropology: Contemporary Ethnographic Practice. Berg Publishers[Practical].
7. **Feng, J.** (2013). Romancing the Internet. Boston, Brill.
8. **Vince, J.** (2004). Introduction to Virtual Reality. London, Springer Verlag.

Additional Readings:

1. **Henley P.** (2010). The Adventure of the Real. Jean Rouch and the Craft of ethnographic Cinema. Chicago University Press [Practical].
2. **Pink S.** (2010). Doing Sensory Ethnography. Sage Publications [Practical].
3. **Grimshaw A.** & Ravetz A. (2009). Observational Cinema. Anthropology, Film, and the Exploration of Social Life. Indiana University Press [Practical].

M.Sc./ M.A. Group 'B', SEMESTER-FOURTH

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 422 'B'

Anthropology of Communication

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15 + 05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. Students would be able to introduce themselves to the theories of communication.
2. Students would be able to inculcate the knowledge of communication models.
3. Students would be able to develop the knowledge of basis elements of communication.
4. Students would be able to acquaint themselves with the various types of communication.
5. Students would be able to strengthen the 5Cs of communication.

Lectures

- Unit-I : Meaning and Definition of Communication; The Nature Role and Functions of Communication- Human Communication, Approaches to Study of Communication- Anthropological, Sociological and Psychological Perspectives of Communication; Theories and Models of Communication. 9
- Unit-II : Channels of Communication- Inter Personal and Oral Communication, Mass Communication, Transport Communication, Electronic Media, Satellite Communication, The Process of Information Dissemination. 9
- Unit-III : Folk Media- Folk Dance, Drama, Songs, Tales, Puppet Show, Story Telling, Music, Theatre and Their Communication Potentiality, Integrated Use of Folk Media and Mass Media, Art and Visual Communication. 9

- Unit-IV : Mass Media- The Elements of Mass Communication Theories, New Communication Technologies and Communication Revolution, Role of Television: Films, Musicals, Family Serials and Mythologies. 9
- Unit-V : Culture and Communication- Culture, History and Technology; Socialization as Cultural Communication; TV and Educational Media- UGC, IGNOU, National Geographic, Discovery, etc. 9

Essential Readings

Rogers, E. M. (1971). Communication of Innovation: A Cross-cultural Approach. University of Michigan.

Nair, S. & White, S. (1993). Perspective on Development Communication. University of Michigan.

Kincaid, L. D. (2013). Communication Theories: Eastern and Western. Perspective. Academic Press.

Additional Readings :

Rogers, Everall. (1976). Communication and Development – Critical. Perspective. SAGE Publications.

M.Sc./ M.A. Group 'B', SEMESTER-FOURTH
Anthropology

L	T	P	C
3	-	-	3

ANT - EC 423 'B'

Anthropology of Disaster

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15 + 05#) #Attendance

End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about the definition and concepts related to the Disaster. They will also learn about the different approaches about the disaster.
2. The students will get to know about the disaster management and various types of disaster.
3. The students should be able to understand the disaster preparedness through the use of various warning systems, education and ICT.
4. The students should be able to understand the disaster response planning, rescue, and management.
5. The students should be able to understand and analyze the health, social, economic and psychological impact of various disasters and national policies.

Lectures

Unit-I : Disaster : Definition, Vulnerability, Risk, Anthropological Approaches to Study Disasters.	9
Unit-II : Disaster Management: Meaning and Scope. Typology of Disaster: (1) Natural Disaster (2) Man-Made Disaster. Managing different types of Disaster.	9
Unit-III : Disaster Preparedness: Concept and Nature, Role of Disaster preparedness.	9
Unit-IV : Disaster Response: Introduction; Disaster Response Plan; Communication and Participation. Search Rescue, Evacuation.	9
Unit-V : Health, Social, Psychological and Economic Impacts of Disaster. Plans and National Policies Concerning Disasters.	9

Essential Readings :

1. Alexander, A. (1993). Natural Disasters. Routledge Taylor and Francesbrip.
2. Alexander, DE. (2000). Confronting Catastrophe: New perspective on Natural Disasters.TerraPublishing.
3. **Bawden, G.** & Reycraft, R. M. (2000). Environmental Disaster and the Archaeology of Human Response. Univesity of New Mexico Press.
4. Bolin, R. C. (2000). The Northridge Earthquake: Vulnerability and Disasters. Stanford.
5. Benthall, J. (1993). Disasters, Relief and the Media. IB Tauris and Company Ltd.
6. Bankoff, J. & Frerks, G. (2004). Mapping Vulnerability. Earthscan
7. Kenny, Robert Wade. (2006). Phenomenology of Disasters: Towards a Rhetoric of Tragedy. Pennsylvania State University Press.
8. **Norris, F. H.** Galea, S. & Friedman, MT. (2006). PJ Watson Methods for Disaster Mental Health Research. Guilford Press.
9. **Smith, A. O.** & Hoffman, S. M. (1999). The Angry Earth: Disasters in Anthropological perspectives.Routledge.

Additional Readings :

1. Form, W.H. & Nosow, S. (1958). Community in Disaster. Harper.
2. Clarke, LB. (2003). Terrorism and Disasters: New threats, new ideas. JAI Press.

M.SC./ M.A. GROUP 'B', SEMESTER-FOURTH

Anthropology

L	T	P	C
3	-	-	3

ANT - EC 424 'B'

Anthropology Demography

Maximum Marks : 100

Mid Semester = 40 (1st mid 20+ continuous internal assessment 15 + 05#) #Attendance
End Semester = 60

Learning Outcomes :

The learning outcomes of this paper are :

1. The students will learn about Anthropological demography and its importance in human welfare.
2. They will learn about major population theories.
3. They will also learn about the various sources of data in population studies.
4. From the practical component they will learn about how to collect demographic data from various sources and prepare a project report on the same.

Lectures

Unit-I :	Definition and Concept of Anthropological Demography. Basic Demographic Variables: Age, Sex, Marriage, Sex Ratio, Fertility, Migration, Mortality, Morbidity and Population Growth.	9
Unit-II :	Factors Affecting Demographic Variables: Physical, Environmental, Biological, Socio-Cultural.	9
Unit-III :	Population Growth Theories : Pre-Malthusian Theory, Malthus Theory, Theory of Optimum Population, Biological Theories-Michael Thomas Sadler's Theory, Doubleday's Diet Theory, Pearl and Reed's Logistic Curve Theory, Corrado Gini's Theory, Herbert Spencer's, Castro's Theory of Protein Consumption, Theory of Demographic Transition.	9
Unit-IV :	Factors Regulating Population Growth; Fertility Rate, Birth Rate, Age-specific Fertility Rates, Net Reproductive Rate, Mortality Rate, Prenatal and Postnatal Life Table, Migration Rates, Intrinsic Rate of Natural Increase, Effective Population Size.	9
Unit-V :	Demography and Human Adaptation, Concept of Environment, Ecology and Functional Adaptation of Human Populations.	9

Essential Readings

1. **Barclay, W. G.** (1958). Techniques of Population Analysis. John Wiley & Sons, Inc.
2. **Bhende, A. A. & Kanitkar, T.** (2011). Principles of Population Studies. Himalaya Publishing House.
3. **Bogue, D. I.** (1969). Principles of Demography. John Wiley & Sons Inc.
4. **Harrison, G. A.** and Boyca J. (1975). The Structure of Human Populations. New Zealand Geographer. Vol.31-2: 89-90.
5. **Mamoria, C. B.** (1957). Tribal Demography in India. Kitab Mahal
6. **Nag, M.** (1974). Cultural Patterns in Fertility, Family Cycle and Fertility, Population Debate, Vol II.
7. **Pathak, K. & Ram, F.** (1998). Techniques of Demographic Analysis. Himalaya Publishing House Pvt. Ltd.
8. **Bodmen, W. F. & Cavalli, S. L. L.** (1971). The Genetics of Human Populations. San Francisco, Freeman.
9. **Crow, F. G. & Kimnra, M.** (1970). An Introduction to Population Genetics Theory. Harper & Row.
10. **Crow, J. F.** (1983). Genetics Notes- An Introduction to Genetics. 8th ed. Burgess, Minneapolis.
11. **Mange & Mange** (1999). Basic Human Genetics. 2nd ed. Sunderland MA. Sinauer Associates.
12. **Vogel, F. & Motulsky, A. G.** (1996). Human Genetics – Problems and Approaches. 3rd ed. Springer-Verlag Berlin Heidelberg GmbH.
13. **Weiss, K. M. and Ballonoff, P. A.** (1975). Demographic Genetics. Elsevier Science & Technology Books.

Additional Readings:

1. **Hauser, G. A. & Duncan O. D.** (1959). The Study of Population. Chicago: University of Chicago Press.
2. **Panda, B. P.** (1988). Janasankya Bhugol. M P Hindi Granth Academy, Bhopal.
3. **Wright, S.** (1942). Evolution and Genetics of Population. Bull. Amer. Math. Soc. 48, 223-46.

Ph.D. COURSE WORK

SYLLABUS (CBCS)



2022-24

Department of Anthropology

Doctor H. S. Gour Vishwavidyalaya Sagar (M.P.)

(A Central University)

Credit Based Detail Program for Ph.D. Course Work (2022-24)

COURSE CODE	PAPER TITLE	L	P	T	C
ANT-CC -141	Research Methods	4	-	-	4
ANT-CC- 142	Computer Application and Statistical Methods	4	-	-	4
ANT-CC- 143	Research and Publication Ethics (RPE)	-	-	-	2
ANT-CC- 144	Dissertation on Review of Published Research	-	-	-	4
Select any One Paper					
ANT-EC-141	Advances in Biological Anthropology	4	-	-	4
Or					
ANT-EC-142	Advances in Socio-Cultural Anthropology				
TOTAL					18

* **Total Marks 100 : Mid Semester = 40 (Ist mid 20+ continuous internal assessment 15+05#) End Semester = 60**

Attendance

Abbreviation :

ANT : Anthropology
 CC : Core Course
 EC : Elective Course

Ph.D. Course Work
ANTHROPOLOGY
ANT – CC- 141
RESEARCH METHODS
Maximum Marks: 100

Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance
End Semester = 60

L	P	T	C
4	-	-	4

Course Objectives: The major objective of this paper is to build a strong foundation in research methods, its latest tools and techniques. It will expose the students with historical, philosophical and applied aspects of research in social sciences in general and anthropology in particular.

Learning Outcomes: Upon successful completion of the course, the student:

1. Will be able to understand different philosophical traditions of knowledge production in social sciences and their historical roots.
2. Will be able to design and know different types of social research, its major steps like literature review, hypothesis formulation, etc and different challenges in conducting ethnographic research.
3. Will be able to get an in-depth knowledge of different research tools and techniques.
4. Will be able to code and analyze different types of data and will be able to write it in various formats to get it published.
5. Will be able to transcribe, manage and analyze qualitative data.

Lectures

Unit-I :	Ontology, Epistemology, Positivist, Anti-positivist and Constructionist; Scientific Method, Inductive and Deductive reasoning, Reality, Observable Universe, Theory and Fact.	15
Unit-II :	Research Design, Review, Hypothesis/Research Questions and Methods: Research Designs- Quantitative, Qualitative and Action Research Process; Narrative vs Metanalytic Review- Sources; Types and Characteristics of Hypothesis/Research Questions; Field work in different Ecological Settings, Visual Methodology, Auto-ethnography, Issues in Study One's Own Society.	15
Unit-III :	Research Tools and Techniques: Preparation of Census sheet for Population Studies; Preparation of Interview Guide; Preparation of Questionnaire and Schedules; Preparation of Genealogies; Preparation of the Life History, Case Study, Extended case study.	15
Unit-IV:	Analysis and Writing: Coding and Categorisation, Content Analysis, Discourse Analysis; Writing up Quantitative and Qualitative Research; Scientific writing skills- Thesis, report, scientific papers in Journals and Book Chapters.	15
Unit-V :	Use of Qualitative Softwares in Ethnographic research : AtlasTi or MAXQDA for Qualitative data management and analysis; Inqscibe for Transcription.	15

Essential Readings:

- Amit, V. (1999). *Constructing the Field*. London: Routledge.
- Armitage, P., G. Berry and J.N.S. Mathews. (2002). *Statistical Methods in Medical Research. 4th edition*. Massachusetts: Blackwell Science Ltd.
- Bailey, D.K. (1982). *Methods of Social Research*. The Free Press, New York.
- Bechhofer, F. and L. Paterson. (2000). *Principles of Research Design in the Social Sciences*. London: Routledge.
- Beteille, A. and T. N. Madan. (1975). *Encounter and Experience*. New Delhi: Vikas Publishing House.
- Burgess, R. G. (1984). *In the Field: An Introduction to Field Research*. London: Routledge.
- Davis, Martha. (2004). *Scientific Papers and Presentations, Second Edition: Navigating Scientific Communication in Today's World*. 2nd ed. Academic Press.
- Ellen, R. F. (1984). *Ethnographic Research: A Guide to General Conduct*. London: Academic Press.
- Fabian, J. (2007). *Memory against Culture*. North Carolina: Duke University Press.
- Fischer, Michael.(1994). *Applications in Computing for Social Anthropologists*. Routledge. London.
- Foster, G. M. *et al.* (1979). *Long Term Field Research in Social Anthropology*. New York: Academic Press.
- Frelich, M. (1970). *Marginal Natives: Anthropologists at Work*. New York: Harper & Sons.
- Goode, W J and P. K. Hatt. (1981). *Methods in Social Research*. Singapore: McGraw-Hill Book Company.
- H. Russel, Bernard.(1998). *Handbook of Methods in Cultural Anthropology*. Altamira Press.
- Herle, A. (1998). *Cambridge and the Torres Strait*. Cambridge: Cambridge University Press.
- Jongmans, D.G. and P.C.W. Gutkind. (1967). *Anthropologists in the Field*. Assen: Van Gorcum & Company.
- Kothari, C.R. (2004). *Research Methodology: Methods and Techniques*. New Delhi: New Age International Pvt. Publishers.
- Krzanowski, C.R. (2007). *Statistical Principles and Techniques in Scientific and Social Investigations*. Oxford: Oxford University Press.
- Kumar, S. (2002). *Methods for Community Participation*. New Delhi: Vistaar.
- Laresu & Shultz. (1996). *Journey through Ethnography*. Oxford: West view Press.
- Marczyk, G., D. Matteo and D. Festinger. (2005). *Essentials of Research Design and Methodology*. New Jersey: John Wiley & Son.
- Pelto, P. J. And G. H. Pelto. (2006). *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Walnut Creek: AltaMira Press.
- Russell, B. H. (1995). *Research Methods in Anthropology: Qualitative and Quantitative Approaches*. Walnut Creek, CA: AltaMira Press.
- Sarana, G. (1975). *The Methodology of Anthropology*. New York: The University of Arizona Press.
- Stocking, G.W. (1983). *Observers Observed: Essays on Ethnographic Fieldwork*. Madison: The University of Wisconsin Press.

Additional Readings:

- Srinivas, M.N. (1983). *The Observer and the Observed*. Faculty Lecture 1, Faculty of Arts and Social Sciences, University of Singapore.
- Williams, T. R. (1967). *Field Methods in the Study of Culture*. London: Holt, Rinehart and Winston.
- Young, Pauline. (1984). *Scientific Social Surveys and Research*. New Delhi: Prentice Hall of India.
- Langness, L.L. (1965). *Life History in Anthropological Sciences*. New York: Holt, Rinehart and Winston.
- Levinson, D. and M Ember (eds), (1996). *Encyclopaedia of Cultural Anthropology*, Vol.2, New York: Henry, Holt & Co.
- Kaplan, Abraham. (1964). *The Conduct of Enquiry: Methodology for Behavioral Science*. Pennsylvania: Chandler Publication Compan.
- Epstein, A.L. (1978). *The Craft of Social Anthropology*. Delhi: Hindustan Publishing Corp.

Ph.D. Course Work
ANT – CC- 142
COMPUTER APPLICATION AND STATISTICAL METHOD
Maximum Marks: 100
Mid Semester = 40 (Ist Mid 20+ continuous internal assessment 15+05#) #Attendance
End Semester = 60

L	P	T	C
4	-	-	4

Learning Outcomes:

Lectures

The learning outcomes of this paper are:

1. The students will learn about the application of Bio-statistics in Anthropological research and different test of significance.
2. They will learn about anti-plagiarism and different sample procedure and calculating sample size.
3. They will also learn about bibliographies and different citation methods and software.
4. Students will also learn about SPSS software and calculation of correlation and regression and their analysis.

Unit-I :	Application and use of Bio-Statistics in Anthropological Research. Measures of central Tendencies: Arithmetic Mean, Median, Mode, Quartiles, Geometric mean, Harmonic mean, Weighted mean. Test of Significance: T- test & Chi Square test, ANOVA.	15
Unit-II :	Anti plagiarism rules and different software for plagiarism checking. Sampling techniques and criteria for selecting sample procedure and sample size calculations and different software for the same purpose.	15
Unit-III :	Bibliographies, citations: Different types of Bibliography and citation styles and Use of computer in Bibliography. Bibliographic data management softwares : Zotero, Endnote, Ezybib and other online tools; Citation Machine, Mendeley.	15
Unit-IV :	Solving statistical problems using computer: data entry and tabulation. Introduction to SPSS. Data Entry and Tabulation, Solving Statistical Problems in SPSS Software. Making diagrams by MS Excel and SPSS: bar diagram, pie chart, graph, pyramid, box plot diagram, error bar diagram etc.	15
Unit-V :	Correlation : Meaning and definition, Types of correlation, Methods of determining, Degree of correlation, Regression analysis, Difference in correlation and regression, Kind of regression analysis, Regression lines, Regression equation, Scattered plot diagram, Use of MS Excel and SPSS for correlation and regression analysis.	15

Essential Readings:

- **Madrigal, L.** (2012). *Statistics for anthropology*. New York: Cambridge University Press.
- **Field, A.** (2013). *Discovering statistics using IBM SPSS statistics*. London: Sage publication.
- **Dunn, O. J., & Clark, V. A.** (2009). *Basic statistics: a primer for the biomedical sciences*. Hoboken, N.J. : John Wiley & Sons.
- **Zar, J. H.** (1999). *Biostatistical analysis*. Harlow: Pearson Education Limited.
- **Crawford, M. H.** (2007). *Anthropological genetics: theory, methods and applications*. Cambridge [etc.]: Cambridge University Press.
- **Neale, B. M., AR, M., & Medland, S. E.** (Eds.). (2007). *Statistical genetics: gene mapping through linkage and association*. London: Taylor & Francis.
- **Pagano, M., Gauvreau, K., & Pagano, M.** (2000). *Principles of biostatistics (Vol. 2)*. Pacific Grove, CA: Duxbury.
- **Claverie, J. M., & Notredame, C.** (2013). *Bioinformatics for dummies*. Hoboken, N.J.: John Wiley & Sons.
- **Madrigal, L.** (2012). *Statistics for anthropology*. New York: Cambridge University Press.

Additional Readings:

- **Barnes, M. R., & Gray, I. C.** (Eds.). (2008). *Bioinformatics for geneticists*. West Sussex: John Wiley & Sons.
- **Rao, P. V.** (2007). *Statistical research methods in the life sciences*. [Belmont, CA] : Thomson Wadsworth.
- **Wonnacott, T. H., & Wonnacott, R. J.** (1972). *Introductory statistics* (Vol. 19690). New York: Wiley Library.
- **Fischer, M. D.** (1994). *Applications in computing for social anthropologists*. London ; New York : Routledge.

Ph.D. Course Work

ANT-CC-143

Research and Publication Ethics (RPE)

Course Objective

1. It aims to teach the students about ethics in research for better purpose driven research work.
2. It helps the students to follow scientific code of conduct for publication.
3. It also aims to teach the students about predatory journals by providing knowledge about various softwares and journals suggestion tools and research oriented databases.

Learning Outcomes:

1. Students become capable enough to follow the research ethics before conducting any research.
2. Students will learn about various software tools, journals and databases which help them to do research efficiently.
3. The scientific code of conduct will always assist the students to be in right direction while conducting research work.
4. Students will be capable enough to understand the philosophical perspective of ethics in research.
5. Students will understand the basic knowledge to publish the research paper in different publications.

Ph.D. Course Work
ANT-CC-144
Dissertation on Review of Published Research

Course Objective

1. The course's objective is to familiarize the existing literature in their relevant topic.
2. It aims to help the students in finding out the research gap.
3. It also help the students to develop their own synopsis.

Learning Outcomes:

1. It establishes the students' in-depth understanding and knowledge related to their chosen topic.
2. Students able to find out the research gap hence help them to design their own research work which are still unexplored or underexplored.
3. It illuminates on how the knowledge has changed within the field.
4. It highlights what has already been done in a particular field.
5. It will provide information of the generally accepted facts, emerging and current state of the topic of research to the students.
6. Students will also able to demonstrate how the research fits within a larger field of study.
7. Furthermore, it will provide an overview of the sources explored during the research of a particular topic.

Ph.D. Course Work
ANT-EC-141
Advances in Biological Anthropology

Course Objectives:

1. This course's objective is to make familiar the students with the core of biological anthropological research and its advancement.
2. This will aim to teach the students about human evolution and variation, historical development of biological anthropological research, anthropological genetics, and physiology and body composition.
3. It will also aim to provide knowledge regarding nutritional anthropology, anthropological demography and human growth and development.

Learning Outcomes:

1. Students will understand how biological anthropology differs from socio-cultural anthropology.
2. They will come to know how biology and anthropology holistically tries to study the human kind.
3. Varied fields of biological anthropology helps the students to have a wider perspective about human kind.
4. Students will get an in-depth insight about human evolution and variation, historical development of biological anthropological research, anthropological genetics, and physiology and body composition.
5. Furthermore they will gain a clear understanding about how anthropology holistically understand about nutritional status, demography and human growth and development of any population.

Ph.D. Course Work
ANT – EC -142
ADVANCES IN SOCIO-CULTURAL ANTHROPOLOGY

L	P	T	C
4	-	-	4

Course Objectives:

1. The course's objectives are to familiarize students with the evolution of social sciences, the advent of modern western philosophical ideas, and the logical transition from one theory to another, as well as critical evaluation.
2. It aims to develop students' awareness of disadvantage groups and contemporary issues in Indian society, as well as their understanding of existing social problems. It will also introduce students to affirmative action and the empowerment of the marginalised groups.
3. It will also expose the students to current trends in the field of anthropology.
4. Students will learn about medical anthropology approaches and will be able to understand concepts such as health, illness, disease, medical pluralism, and ethno-medicine.

Learning outcomes:

1. Students will be able to critically analyse modern and post-modern social theories and understand the origins of philosophical debates in social sciences.
2. They will be able to apply sociological and anthropological theories in the real world to understand sociological trends.
3. They will become acquainted with affirmative action initiatives aimed at empowering marginalised groups, as well as learn about emerging trends in the field of anthropology.

Lectures

Unit-I :	Theories: Nature of social sciences, empiricism, rationalism and positivism, post structuralism, critical theory.	15
Unit-II :	Disadvantaged Groups and Contemporary issues in India :Issues concerning the subaltern groups: dalits, tribal, religious and linguistic minorities, disabled, third gender.	15
Unit-III :	New Departures: Kinship, material culture, visual and cyber anthropology, multi-culturalism, ethnicity and nationalism, migration, diaspora and borderland issues.	15
Unit-IV :	Affirmative Action and Empowerment: Right to Information, Right to Education, Right to food security, Social Security, Human Development Index.	15
Unit-V:	Medical Anthropology: Approaches to Medical Anthropology	15

Essential Readings:

- Anderson, B. (2006) [1983]. *Imagined Communities: Reflections on the Origin and Spread of Nationalism*. London: Verso.
- Banks, M. and H. Morphy. (1997). *Rethinking Visual Anthropology*. New Haven: Yale University Press
- Barth, F. (Ed), *Ethnic Groups and Boundaries, The Social Organization of Culture Difference*, London,
- George Allen & Unwin, Baumann, G. (1996). *Contesting Culture: Discourse of Identity in Multi-Ethnic London*. Cambridge: Cambridge University Press.
- Brah, A. (1996). *Cartographies of Diaspora: Contesting Identities*. London: Routledge.
- Carsten, J. (2000). *Cultures of Relatedness - New Approaches to the Study of Kinship*. Cambridge: Cambridge University Press.
- Carsten, J. and S. Hugh-Jones (eds) (1995). *About the House: Levi-Strauss and beyond*. Cambridge: Cambridge University Press.
- Clarke, M. (2009). *Islam and New Kinship: Reproductive Technology, Anthropology and the Shari'ah in Lebanon*. Oxford: Berghahn.
- D'Andrade, R. G. (1995). *The Development of Cognitive Anthropology*. Cambridge: Cambridge University Press.
- Eriksen, T.H. (2010). *Ethnicity and Nationalism: Anthropological Perspectives*. London: Pluto.
- Foucault, M. (2007). *Archaeology of Knowledge*. London: Taylor and Francis.
- Gellner, D. (ed.) (2013). *Borderland Lives in Northern South Asia*. Durham: Duke University Press.
- Gellner, E. (2006). *Nations and Nationalism*. Oxford: Blackwell Publishing.
- Hobsbaw, E. and T. Ranger (eds). 1983 *The invention of tradition*. Cambridge: Cambridge University Press.
- Hollis, M. (1994). *The Philosophy of Social Science: An Introduction*. Cambridge: Cambridge University Press.
- Karlsson, B.G. (2011). *Unruly Hills: a Political Ecology of India's Northeast*. Oxford: Berghahn books.
- Loizos, P. (1993). *Innovation in Ethnographic Film: From Innocence to Self Consciousness 1955 – 1985*. Chicago: University of Chicago Press.
- Pink, S. (2001) 2007. *Doing Visual Ethnography: Images, Media and Representation in Research*. London: Sage Publications.
- Rose, G. (2001) 2005. *Visual Methodologies*. London: Sage Publications.
- Sen, A. (1999). *Commodities and Capabilities*. Oxford: Oxford University Press.
- Sen, A. (2001). *Development as Freedom*. Oxford: Oxford University Press.

Additional Readings:

- Shah, A. (2010). *In the Shadows of the State: Indigenous Politics, Environmentalism, and Insurgency in Jharkhand, India*. Durham and London: Duke University Press.
- Van Schendel, W. (2005). *The Bengal Borderland: Beyond State and Nation in South Asia*. London: Anthem Press