

**6TH SEMESTER
DISCIPLINE CENTRIC ELECTIVE COURSE**

OPTION-I

ANT616DA: ANTHROPOLOGY - CONTEMPORARY AND INDIAN ANTHROPOLOGY

CREDITS: THEORY: 04, PRACTICAL: 2

Theory: 04 credits

UNIT-I

- 1.1 Psychological approaches in Anthropology
- 1.2 Culture and Personality school as a legacy of Franz Boas.
- 1.3 Basic ideas of culture and personality in anthropology.
- 1.4 Development of issues in the works of Ralph Linton, Kardiner and Cora du Bois.

UNIT-II

- 2.1 Contemporary Social Theories including basic ideas of gender theories, feminism and women's studies.
- 2.2 Deep ethnography and the work and ideas of Clifford Geertz.
- 2.3 Basic ideas of ethno-methodology.
- 2.4 Detailed account field work conducted by the various Indian Anthropologists.

UNIT-III

- 3.1 The uniqueness and Basic idea of Indian anthropology.
- 3.2 Contributions of Indian Anthropologists: S.C. Roy (the beginning and origin of anthropology in universities), and his students
- 3.3 N.K. Bose (further development of the subject and relationship with Indian nationalism),
- 3.4 D.N. Majumdar (uplifting and creating standards of Indian anthropology).

UNIT-IV

- 4.1 Anthropology in India as a practical discipline: basic ideas.
- 4.2 Contribution of S.C. Dube in development of tribes and communities and in study of Indian villages.
- 4.3 M.N. Srivinas and concept of westernization and sanskritisation
- 4.4 The contributions of Verrier Elwin in the mapping of tribal India ethnographically and in terms of maintaining and protecting their culture.

Practical 2credits

1.1 Project report on field work

1.2 Draw genealogy charts of various families of different cast groups

Essential Readings

Barth, F. (ed.) (1969): *Ethnic Group Boundaries*. New York: Little, Brown and Co.

Behura, N.K. (1988): *Anthropological Thought and Theories*. Calcutta:

Institute of Social Research and Applied Anthropology.

Evans Pritchard, E.E. (1962): *Social Anthropology and Other Essays*. New York: Free Press.

Firth, R. (1951, 1963): *Elements of Social Organization*. Boston: Beacon.

Harris, Marvin (1968): *Rise of Anthropological Theory*. New York: Harper and Row, Publishers.

Hasnain, Nadeem: *Indian Anthropology*.

Kroeber, A.L. (ed.) (1953): *Anthropology Today: An Encyclopaedic Inventory*.

Chicago: University of Chicago Press.

Leach, E.R. (1961): *Rethinking Anthropology*. London: Robert

Cunningham and Sons, Ltd.

Lévi-Strauss, C. (1963): *Structural Anthropology (Volumes I & II)*. Transl. by

Claire Jacobson and Brooke Grundfest Schoepf. New York, London: Basic Books

Manners, R.O. and Kaplan, D.: *Theory in Anthropology: A Sourcebook*. Chicago, (Eds.)

(1968) Illinois: Aldine Publishing Co.

Vidyarthi, L.P. (1978): *Rise of Anthropology in India: A Social Science Orienta*

6TH SEMESTER
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OPTION-II

ANT616DB: ANTHROPOLOGY - FORENSIC ANTHROPOLOGY

CREDITS: THEORY: 04, PRACTICAL: 2

Theory: 04 credits

UNIT-I

- 1.1 Forensic Science: Introduction, Definition, Principles, Laws of Forensic Science.
- 1.2 Fundamentals of Forensic Science, Crime and crime scene: Introduction of crime and crime scene, Significance and Role of Investigator, Examination and evaluation of crime scene
- 1.3 Introduction to Forensic Anthropology: Definition, aim, scope and relevance of anthropology in forensic science
- 1.4 History of Forensic Science in India, Role of Forensic Science in present scenario

Unit II

- 2.1 Importance of Forensic Anthropology in personal identification
- 2.2 Forensic Osteology: Elementary study of human skeleton
- 2.3 Major anthropological evidences used for personal identification, Importance of Forensic Anthropology in mass disasters
- 2.4 Importance of Anthropometry and Somatoscopy in personal identification of the living and cadavers

UNIT -III

- 3.1 Personal Identification through dermatoglyphics
- 3.2 Dermatoglyphics: Basics of personal identification from fingers
- 3.3 Introduction to palm and sole prints, Identification of a person through finger, sole and palm prints
- 3.4 Introduction to latent prints and different methods of development of latent prints

UNIT –IV

- 4.1 Role of Blood, Teeth and Hair for personal identification
- 4.2 Blood: Basics of blood including its composition and types. Role of blood in personal identification
- 4.3 Forensic Odontology: Definition and basics of personal identification from teeth and bite marks.
- 4.4 Hair: Introduction to morphology of hair and its application in determination of age, sex and race of an individual

Practical 2 credits

2.1 Introduction & demonstration to the Study of Human Osteology and its applications in Forensic Sciences.

2.2 Gross Morphology of Human skull, girdle Bones, long bones, vertebral column and rib cage. Determination of Age, sex and stature from Human skeleton and its parts.

2.3 Somatoscopy and somatometry (cranio-facial and other body measurements) Overview of dermatoglyphic studies in Forensic practice, Finger dermatoglyphics of human subjects.

Essential Reading

Bayers, S.N.(2004) : Introduction to Forensic Anthropology: A Textbook 2ndEd. Boston: Allyn & Bacon.

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

El-Najjar M.Y. and McWilliams K.R. (1978):Forensic Anthropology - The Structure, Morphology and Variation of Human Bone and Dentition. Springfield, Illinois:

Charles C. Thomas

Franklin C.A. (ed). (1988) : Modi's Book of Medical Jurisprudence and Toxicology, Bombay: N.M. Tripathi Pvt. Ltd.

Krogman, W.M. (1962) :Human Skeleton in Forensic Medicine. Springfield, Illinois: Charles C Thomas

Krogman, W.M. and Iscan M.Y. (1986) :Human Skeleton in Forensic Medicine. Springfield, Illinois: Charles C. Thomas

Reichs, C.J. (Ed.) (1998):Forensic Osteology: Advances in the Identification of Human Remains. Springfield, Illinois: Charles C. Thomas

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OPTION-III

ANT616DC: ANTHROPOLOGY - HUMAN ECOLOGY

CREDITS: THEORY: 04, PRACTICAL: 2

Theory: 04 credits

UNIT-I

- 1.1 Basic concepts of ecology, ecosystems and organization of ecosystems,
- 1.2 Ecology of human populations, Environmental Anthropology, Environmental Determinism, Environmental possibilism,
- 1.3 Cultural Ecology, Ecological models,
- 1.4 Biological and Evolutionary approaches to human ecology.

UNIT-II

- 2.1 Resources and Community Ecology:
- 2.2 Resources, Major types of human subsistence patterns, Community ecology;
- 2.3 Human populations and resource distribution
- 2.4 Concept of ecological assessments.

UNIT-III

- 3.1 Stressors: Stress and environmental Physiology,
- 3.2 Human Adaptation to temperature variations (hot and cold).
- 3.3 Adaptation to High Altitude, Ultra-Violet Radiation, High Activity and other Physical Stressors.
- 3.4 Ecological Niche of Anthropocene

UNIT-IV

- 4.1 Modernization and Chronic Disease; Major chronic diseases in modernized human populations;
- 4.2 Pollution, General Stress and Chronic Disease; Adiposity and Chronic Disease.
- 4.3 Ecosystem services, Millenium ecosystem assessment.
- 4.4 Ecological economics, Bioregionalism and urban ecology

Practical: 2 credits

- 3.1 project report on various infectious diseases (Hospital based study)
- 3.2 Field visit to some places to study effects of ecological factors on human beings.

Essential Readings

- Kormondy, E.J. and Brown D.E. (1998): Fundamentals of Human Ecology, New Jersey, Prentice Hall.
- Odum EP. (1991): Fundamentals of Ecology. 5th Edition; Saunders, Philadelphia
- Schutkowski H. (2006): Human Ecology: Biocultural Adaptations in Human Communities. Springer.
- Ulijaszek SJ (1995): Human Energetics in Biological Anthropology, Cambridge Univ. Pre