**UG Anthropology (Semester VI)**

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| Subject: **Anthropology** | Semester**: VI** |
| Course Title**: Tribes and Peasants in India** | Credits**: 4+2** |
| Course Type: **Major CT2** | Course Code: **ANT622J2** |
| **Course Outcomes** | |
| ● Students will gain an understanding of tribes, and their economic, social, and political tribal features. | |
| ● Students will be introduced to study of villages and peasantry, and will be able to analyse tradition and change. | |
| ● Students will connect theoretical knowledge with practical insights by critically evaluating the chosen ethnography in relation to course concepts. | |

**Unit 1. Anthropological Concept of Tribes**

● Problems of Nomenclature

● Definition of Tribe

● Features of Tribes: Economic, Social and Political features

● Indian Tribes: regional distribution, demographic profile, linguistic and ethnic classification

**Unit 2. Tribes and Wider World**

● History of Tribal Administration

● Constitutional safeguards for the Indian tribes

● Issues of Acculturation, Assimilation and Integration

● Impact of Development schemes and Programmes on Tribal Life

**Unit 3. Anthropological Study of Peasants**

● Concept of Peasantry: Definition and Type

● Approaches to the Study of Peasants – economic, political and cultural

● Characteristics of Indian village: social organisation, economy

● Tradition and change in Indian Villages

**Unit 4. Ethnicity in India**

● Concepts and meaning of Ethnicity.

● Caste and Peasantry in India

● Tribal and Peasant Movements in India

● Ethnicity Issues

**Practical (2 Credits)**

Reading of Ethnography: Students are required to read and analyse any one of the ethnographic monographs (as listed below) and prepare a review report based upon it:

● Evans-Pritchard E.E. (1940). The Nuer: A Description of the Modes of Livelihood and Political Institutions of a Nilotic People. Oxford: Clarendon Press

● Malinowski B. (1922). Argonauts of the Western Pacific. London: Routledge and Kegan Paul

● Majumdar D.N. (1950). The Affairs of a Tribe. Lucknow: Universal Publishers Ltd.

**Suggested Readings**

● Christoph von Furer-Haimendorf (1984) Tribes in India, Oxford, Oxford University Press.

● L.P. Vidyarthi and B. K. Rai (1985) Tribal Culture in India, New Delhi, Concept Publishing Company.

● Anthony Walker (1982) The Todas, New Delhi, Hindustan Publishing House.

● Robert Redfield (1956) Peasant Society and Culture Chicago, Chicago University Press

● Eric Wolf (1966) Peasants, NJ, Prentice Hall.

● Teodor Shanin (1987) Peasants and Peasantry, New York: Blackwell.

● McKim Marriott (ed.) (1955) Village India ,Illinois, University of Chicago Press.

● A.K. Kalla & P.C. Joshi (ed.) (2004) Tribal Health and Medicine, Delhi, Concept Publishing Company.

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|---|---|
| Subject**: Anthropology** | Semester: VI |
| Course Title**:** Human Population Genetics | Credits: 4+2 |
| Course Type: **Major CT2** | Course Code: ANT |
| **Learning Outcomes** | |
| ● Students will learn about the major concepts of human population genetics and there inferences in understanding human evolution. | |
| ● Students will use the measure of human genetic diversity in understanding population structure. | |
| ● Students will learn major evolutionary forces and their dynamic relationship to each other. | |
| ● Students will understand the role of genetic factors in health and diseases. | |

**Unit 1. History of human Genetics**

- Mendelian Inheritance
- Revival of Mendelism
- Introduction to Modern Genetics
- Application of human Genetics

**Unit 2. Types of inheritance**

- Autosomal inheritance
- Sex-linked inheritance
- Co-Dominant Inheritance
- Penetrance and Variable Expressivity

**Unit 3.Basic Concepts of Population Genetics**

- Natural Selection
- Genetic Drift
- Gene Flow and Migration
- Hardy-Weinberg Principle, and its Application

**Unit 4.Chromosomal Abnormalities and Consanguinity**

- Structural Chromosomal Abnormalities (Turner's, Syndrome Klinefelter's Syndrome and Cri-du chat)
- Numerical Chromosomal Abnormalities (Downs Syndrome, Edward's Syndrome, Patau's Syndrome)
- Consanguinity and Inbreeding, and its Consequences
- Genetic Load,

**Practical (2 Credits)**

1. Pedigree Analysis: to analyse inheritance patterns of specific traits within family.

2. To study how local demographics and genetics can influence disease prevalence.

**Suggested Readings**


Jurmain, R., Kilgore, L. and Trevathan, W. 1998. Essentials of Physical Anthropology. Belmont California; Wadsworth

Malhotra, K.C and T.S Vasulu. 1993. Structure of Human Populations in India. In. "Human Population Genetics: A centennial tribute to J.B.S.Haldane".(ed.). P.P. Majumder.207-233. New York: Plenum Press.

Chromosome Abnormalities and Genetic Counseling: Fourth Edition By RJ McKinlay Gardner, Grant R Sutherland. and Lisa G. Shaffer

Loewe, L. & Hill, W. G. (2010). The Population Genetics of Mutations: Good, Bad and Indifferent. Philosophical Transactions of The Royal Society B Biological Sciences, 365:1153-67.

Relethford, J.H. (2012). Human Population Genetics. (Vol. 7). New Jersey: John Wiley & Sons.

Lachance, J., & Tishkoff, S. A. (2013). Population Genomics of Human Adaptation. Annual Review of Ecology, Evolution, and Systematics, 44:123 143.

Cann RL, Stoneking M, Wilson AC, (1987).Mitochondrial DNA and human evolution. Nature 325: 31-36.

Darwin, C. (2009). *The origin of species by means of natural selection: or, the preservation of favored races in the struggle for life*. W. F. Bynum (Ed.). AL Burt.

Dobzhansky, T., &Dobzhansky, T. G. (1937). *Genetics and the Origin of Species* (Vol. 11).Columbia University Press.

Cavalli-Sforza, L. L. and Bodmer, W. L. 1971. The Genetics of Human Populations. San Francisco; W. H. Freeman and Company.

Hartl, D. L. and Clark, A. G. 2006. Principles of Population Genetics. 4th Ed. Sunderland; MA. Sinauer Associates.

Pierce, B. A. (2010). Genetics: A conceptual approach. New York, NY: W.H. Freeman.

[3] Griffiths, A. J. (1999). An Introduction to Genetic Analysis (7th ed.). New York, NY: W.H. Freeman.

[4] Smith, J. M. (2000). Evolutionary Genetics (2nd ed.). Oxford, UK: Oxford University Press

[5] Mayr, E. (1982). The growth of biological thought: diversity, evolution, and inheritance. Cambridge, MA: Belknap Press.