



**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Social Sciences, Humanities and Arts**  
**Choice Based Credit System (CBCS) in Light of NEP-2020**  
**Generic Elective UG**  
**SVISSHA- ANTHROPOLOGY**  
**ODD SEMESTER**

COURSE CODE	CATEGORY	COURSE NAME	TEACHING & EVALUATION SCHEME								
			THEORY			PRACTICAL		L	T	P	CREDITS
			END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*				
GUANT HRO101	Generic Elective	<b>Introduction to Ecological Anthropology</b>	60	20	20	0	0	4	0	0	4

**Legends:** L - Lecture; T - Tutorial/Teacher Guided Student Activity; P - Practical; C - Credit;  
 \*Teacher Assessment shall be based on following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.

**GUANTHRO101: INTRODUCTION TO ECOLOGICAL ANTHROPOLOGY**

**Course Educational Objectives (CEOs):**

- CEO1:** To provide knowledge about the meaning and scope of Ecological Anthropology.
- CEO2:** To provide knowledge about the fundamental concepts & their applications in Ecological Anthropology.
- CEO3:** To provide knowledge about Ecological Anthropology approaches.
- CEO4:** To develop a familiarity with relationships between human societies & the environment through understanding human ecology, culture & adaptation.
- CEO5:** To provide an understanding of dynamics in cultural dimensions of various societies.

**Course Outcomes (COs): The students are expected to:**

- CO1:** Explain the meaning and scope of Ecological anthropology and environmental determinism and possibilism.
- CO2:** Describe the fundamental concepts and their application in Ecological Anthropology.
- CO3:** Describe Ecological Anthropology approaches.
- CO4:** Discuss the various communities and their ecology.
- CO5:** Discuss the dynamics of cultural dimensions of various societies.

**Course Contents:**

**UNIT I:** Ecological anthropology: Meaning & scope; Ecology: Definition & Basic concepts. Introduction to human ecology; Environmental determinism & possibilism.

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**UNIT II:** Fundamental concepts & their application in Ecological anthropology: Ecosystem; Ecological community; carrying capacity and Human ecological niche.

**UNIT III:** Ecological Anthropology approaches: Cultural ecology; Population ecology; Systems ecology, and Ethno-ecology. Contribution of Wissler, Forde, Steward, Barth, Vayda, and Rappaport.

**UNIT IV:** Communities and Ecology: Hunting–gathering communities, Pastoral communities, Horticultural and agricultural communities, and Island communities. Energetic and human societies.

**UNIT V:** Dynamics in Cultural dimensions of agricultural, and Peasant ecology; Industrial Civilization & Growth of Urban Societies.

**Suggested Readings:**

**Textbooks**

- Hardesty, D.L. (1977) *Ecological Anthropology*. New York: Wiley & Sons.
- Netting, Robert Mc.C. (1971). *The Ecological Approach in Cultural Study*. New York: Addison Wesley Modules in Anthropology. Modula-6 Sand Hill; Road, Menlo Park: Cummings Publishing Co.
- Odum, Eugene, P. (1963). *Ecology, Modern Biology Series*. New York: Holt, Rinehart & Winston

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**Reference Books**

- Bennett, J.W. (2017). *The Ecological Transition: Cultural Anthropology and Human Adaptation*. Routledge.
- Chagnon, N. (2000) *Adaptation and Human Behavior: An Anthropological Perspective*. Routledge.
- Dove, M. R. (2007). *Environmental Archaeology. A Historical Reader*. Wiley Blackwell.
- Nath, P. (2020). *Physical Anthropology. 9<sup>th</sup> Edition*. Higher Publishers.
- Rappaport, Roy, A. (1971). *The Flow of Energy in an Agricultural Society, Scientific*. American 224 (1974) pp.116 and 132.
- Reece, J. B., Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., & Jackson, R. B. (2011). *The Exponential Model Describes Population Growth In An Idealized, Unlimited Environment. In Campbell biology (10th ed., pp. 1190-1192)*. San Francisco, CA: Pearson.
- Richard, B. Lee and Irven, DeVore (1969). *Man The Hunter, Symposium on Man the Hunter*. Chicago: Aldine Pub. Co.
- Schutkowski, H. (2010). *Human Ecology: Biocultural Adaptations in Human Communities*. Springer
- Steward, Julian, H. (1955). *Theory of Cultural Change*. Urbana: University of Illinois press
- Sutton, M. Q. & E. N. Anderson (2013). *Introduction to Cultural Ecology*. Alta Mira Press.
- Vandermeer, J. H. and Goldberg, D. E. (2003). *Population Ecology: First Principles. Princeton University Press*. Oxfordshire: Woodstock.

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