



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 HRO301	Generic Elective	Introduction to Ecological Anthropology	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.

GUANTHRO301: INTRODUCTION TO ECOLOGICAL ANTHROPOLOGY

Course Educational Objectives (CEOs):

- CEO1:** To Appraise the Basic Concept of Ecological Anthropology.
- CEO2:** To transfer knowledge on various Concepts of Ecology and Human Interrelationship
- CEO3:** To inform the Importance of Bio-Social Perspective in Human Evolution Human Crisis Management in Ecology
- CEO4:** To provide the understanding of Primary Human Adaptive Strategies (Sometimes referred to as subsistence patterns) that have been identified by Anthropologists.
- CEO5:** To train the students to recognize the potential of this indigenous knowledge to contribute to Sustainable Solutions to Future Food Needs, Energy Provision, And Resource Conservation.

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

- CO1:** Define Ecology & Explain the Relationship Between Cultural and Natural (or ecological) systems
- CO2:** Adopt an Appropriate Methodology to study/understand a situation.
- CO3:** Understand and Appreciate the Social and Cultural Adaptive strategies that human Groups developed in dealing with Diverse Environments prior to the Industrial Age.
- CO4:** Analyze & Critically Assess the Socio-Cultural, Economic, & Environmental Costs and Benefits of Industrialized Agriculture, including Biotechnologically Engineered Food Crops.
- CO5:** Evaluate Critically Environmental & Natural Resource Issues in the light of understanding. Interrelationships, Ecosystems, and Institutions.

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Course Contents:

Biological Dimensions

Unit I: Introduction to Ecological Anthropology; Basic Concepts in Ecology: Definition, Eco-Sensitivity Adaptation, Acclimation, Acclimatization, Biotic, and Abiotic Components.

Unit II: Approaches of Studying Human Ecology.

Ecological Rules: Gloger's Rule; Bergman's Rule and Allen's Rule

Unit III: Adaptation to various Ecological Stresses; Impact of Urbanization and Industrialization on Man.

Cultural Dimensions

Unit IV: Culture as a Tool of Adaptation; Various Modes of Human Adaptation in Pre-Industrial Societies.

Unit V: Dynamics in Cultural Dimensions of Human Ecology; Industrial Civilization; & Growth of Urban Societies

Suggested Readings:

- Cohen, Yehudi A. (1968). **Man Inadaptation; The Cultural Present.** Aldine Pub.Co. Chicago.
- Berry, J. B. (1976). **Human Ecology and Cognitive Style: Comparative studies in Cultural and Physical adaptation.** John Wiley. New York.

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- Jaiswal, A. (2017). **Ecosystem And Eco-Sensitivity: Human Ecology PG E-Pathsala**, (A Ministry of Human Resource Development Project under its National Mission on Education through ICT (NME-ICT)).
- Paul, R. Ehrlich; Anne, H. Ehrlich; John, P. And W.H. Holderness (1973). **Human Ecology: Problems and Solutions**. *Freeman & Company*, San Francisco.
- Nath, P. (2019) **Physical Anthropology**. 8th Edition, *Higher Publishers*.
- Redfield, Robert. (1965). **Peasant Society and Culture An Anthropological Approach To Civilization**. *Chicago [u.a.]: Univ. of Chicago Press*.
- Reece, J. B., Urry, L. A., Cain, M. L., Wasserman, S. A., Minorsky, P. V., and Jackson, R. B. (2011). **The Exponential Model Describes Population Growth In An Idealized, Unlimited Environment**. In *Campbell biology* (10th ed., pp. 1190-1192). *CA: Pearson*, San Francisco.
- Richard, B. Lee and Irven DeVore (1969) **Man the Hunter**, Symposium on Man the Hunter. *Chicago: Aldine Pub. Co*.
- Schutkowski, H. (2006). **Human Ecology: Bio-cultural Adaptation in Human Communities**. *Springer*, Berlin.
- Vandermeer, J. H.; Goldberg, D. E. (2003). **Population Ecology: First Principles**. *Princeton University Press*. Woodstock, Oxford Shire.

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