



**Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore**  
**Shri Vaishnav Institute of Social Sciences, Humanities and Arts**  
**Choice Based Credit System (CBCS) in Light of NEP-2020**  
**Semester II (2021-2023)**  
**Generic Elective PG**

COURSE CODE	CATEGORY	COURSE NAME	L	T	P	CREDITS	TEACHING & EVALUATION SCHEME				
							THEORY			PRACTICAL	
							END SEM University Exam	Two Term Exam	Teachers Assessment*	END SEM University Exam	Teachers Assessment*
PGGEANT HRO 201	Generic Elective	Ecological Anthropology	3	0	0	3	60	20	20	0	0

**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.

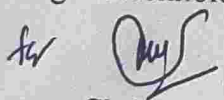
**PGGEANTHRO201**  
**Ecological Anthropology**

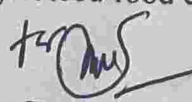
**Course Educational Objectives (CEOs):**

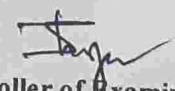
- CEO1:** To appraise basic concept of ecological anthropology.  
**CEO2:** To transfer knowledge on various concepts of ecology and human interrelationship  
**CEO3:** To inform the importance of bio-social perspective in human evolution human crisis management in ecology  
**CEO4:** To provide the 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 and 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 Humans groups developed in dealing with diverse environments prior to the industrial age.  
**CO4:** analyze and critically assess the socio-cultural, economic, a environmental costs and benefits of industrialized agriculture, including biotechnologically engineered food crops.

  
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**CO5:** evaluate critically environmental & natural resource issues in the light of understandings about interrelationships, ecosystems, and institutions.

**Course Content :**

**Biological Dimensions**

**Unit I:** Concepts in Ecology: Definition, eco-sensitivity adaptation, acclimation, acclimatization, biotic and abiotic component.

**Unit II:** Methods of studying human ecology.

**Unit III:** Adaptation to various ecological stresses; Ecological rules and their applicability to human populations. Impact of urbanization and industrialization on Man.

**Cultural Dimensions**

**Unit IV:** Culture as a tool of adaptation; Various modes of human adaptation in pre-state societies.

**Unit V:** Ecological themes of state formation: i. Neolithic revolution, ii. Hydraulic civilization Agriculture and peasantry; Industrial civilization and growth of urban societies

**Suggested Readings**

- Cohen, Yehudi A. (1968) Man in adaptation; the cultural present. Chicago: Aldine Pub. Co.
- Human ecology: biocultural adaptation in human communities. (2006) Schutkowski, H. Berlin. Springer Verlag.
- Human ecology and cognitive style: comparative studies in cultural and physical adaptation. (1976). Berry, J.B. New York: John Wiley.

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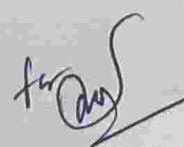
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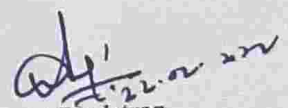
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- Studies in Human Ecology. (1961) Theodorson, G.A. Row, Peterson & Company Elmsford, New York.
- Human ecology: (1973) Problems and Solutions. Paul R. Ehrlich, Anne H. Ehrlich and John P. Holdress. W.H. Freeman & Company, San Francisco.
- Nath, P. (2019) Physical Anthropology. 8<sup>th</sup> Edition, Higher Publishers
- Redfield, Robert. (1965). Peasant society and culture an anthropological approach to civilization. Chicago [u.a.]: Univ. of Chicago Press.
- Symposium on Man the Hunter, Richard B. Lee, and Irven DeVore. 1969. Man the hunter. Chicago: Aldine Pub. Co.

  
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