



	perceptions of traditional societies; Indicators of sustainable development; Rural ecosystem rehabilitation; Value of traditional science and technology for sustainable management of natural resources; People's perception of environment and development and community participation; Why people's participation? Conceptual issues of Humans as part of ecosystem function.			
Total			30	30

Grading

The students' performance will be based on the following:

- Quizzes/Surprise Test – 20%
- Mid Semester Examination – 30%
- End Semester Examination – 50%

Course Schedule: **Semester-I: January - June 2021**

Course Assignments

The Structure of Individual Assignments will be as follows:

- Reading of research articles and working paper with given objectives.
- Participation in ground discussion and classroom interactions

Literature

- Leith, H., and Werger, M.J.A. (1989). Tropical Rain Forest Ecosystem. Biographical and Ecology Studies, A volume in Ecosystems of the World. Elsevier B.V., pp 713.
- Odum, E.P., and Barrett, G.W. (2004). Fundamentals of Ecology. Brooks/Cole; 5th Revised edition, pp 624.
- Singh, J.S, Singh, S.P., and Gupta, S.A. (2017). Ecology Environmental Science and Conservation. S. Chand (G/L) & Company Ltd, pp 944.
- Grey, Z. (2020). The Man of the Forest: Original Text. Independently Published, pp 302.
- Sinch, V.P. (2004). Tropical Forest Ecosystems Structure and Function. Scientific Publishers, pp 305.
- Garkoti, S.C., Van Bloem, S.J., Fule, P.Z., and Semwal R.L. (2019). Tropical Ecosystems: Structure, Functions and Challenges in the Face of Global Change. Springer; 1st ed. 2019 edition, pp 320.
- Ghazoul, J., and Sheil, D. (2010). Tropical Rain Forest Ecology, Diversity, and Conservation. OUP Oxford, pp 536.
- Montagnini, F., and Jordan, C.F. (2005). Tropical Forest Ecology: The Basis for Conservation and Management (Tropical Forestry). Springer-Verlag Berlin Heidelberg, pp 306.
- Kricher, J. (2011). Tropical Ecology. Princeton University Press, pp 704.