



Environmental and Ecological Concerns in Indian academic environment

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Abstract:

Since the historic meeting on environment held at Stockholm in 1972, environment and ecological issues have become hot topics of debate and discussion in economic, political and academic world. Besides various reports prepared by the United Nations and other international institutions, different countries have also prepared several reports and have framed laws to protect the environment and ecology. No doubt, passing laws and creating awareness through conducting seminars/conferences, media and NGOs are essential for environment protection and ecological sustainability, but formal education on environment and sustainable development particularly for those students who will rein the future economy and will manage the future resources for economic growth in the capacity of managers, technocrats and administrators, is even more important. Although quite a few institutions have already started courses on environment education leading to M.Sc. degree, yet these courses lack inter-disciplinary and holistic approach and mostly focus on environmental science and ignore the socio-economic issues related to environment.

Due to globalisation, our fast changing values, culture and perceptions are directly or indirectly responsible for ecological and environmental crisis. Our old culture of 'Preservation and conservation' is now gradually being shifted to 'use and throw' culture which is exerting more pressure on the carrying capacity of nature and posing a problem of waste disposal. Therefore, it is high time now to seriously think on these issues so that the sustainable use of our natural resources may be ascertained and intergenerational equity may be maintained. The present paper attempts to deliberate on the issues of introduction of environment and ecological concerns in HSS disciplines of technical institutions.

Keywords: Environment Education, Ecological, Conservation

Reference:

- Gardiner, L. 1994. Redesigning Higher Education: Producing Dramatic Gains in Student Learning. *ASHE-ERI Higher Education Report 7*. Washington, D.C.: George Washington University.
- Susan Strife (2010): Reflecting on Environmental Education: Where Is Our Place in the Green Movement?, *The Journal of Environmental Education*, 41:3, 179-191
- Woodhouse, J. L, & Knapp, C. E. (2000). Place-based curriculum and instruction: Outdoor and environmental education approaches (ERIC Digest). Charleston, WV: ERIC Clearinghouse for Rural Education and Small Schools. (ERIC Document Reproduction Services No. ED 448 012).



- Hungerford, H. R., & Volk, T. (1990). Changing learner behavior through environmental education. *Journal of Environmental Education*, 21(3), 8–21.
- Laura Galen D’Amato & Marianne E. Krasny (2011): Outdoor Adventure Education: Applying Transformative Learning Theory to Understanding Instrumental Learning and Personal Growth in Environmental Education, *The Journal of Environmental Education*, 42:4, 237-254