



## Unsustainable to Sustainable Development: Paradigm & Attitude Shift of Environmental Science in B.Tech Students

Mamta Bhardwaj \*

*Krishna Engineering College, Mohan Nagar, Ghaziabad, U.P., India*

Address for Correspondence: Mamta Bhardwaj; [mamtalbhardwaj@gmail.com](mailto:mamtalbhardwaj@gmail.com)

**ABSTRACT:** The present study examined the effectiveness of multimedia (ICT) on the achievement of B.Tech students in environmental science. For the purpose, the sample of 500 B.Tech students was drawn from B.Tech colleges of Ghaziabad district. The students were divided into two groups, 250 were in experimental group while 250 in control group. Pre-test was conducted for both the groups. The control group students were taught through conventional method of teaching. The experimental group students were taught through multimedia approach. The scientific approach especially in the teaching-learning process can be applied through multimedia approach such as graphics, sound, animation, text and images prepared in CDs, video-conferences which are taken as a treatment of multimedia to the experimental group. After completion of the multimedia approach, the achievement test was administered as post test to the students of experimental group. Significant moderate positive relationship between learning achievement and attitude was found. The B.Tech students of the experimental group achieved more than B.Tech students of the control group in environmental group. This is due to the favorable impact of the multimedia approach in the learning of the B.Tech students. The study demonstrated the effectiveness of learning environmental science. © 2014 iGlobal Research and Publishing Foundation. All rights reserved.

---

Conference Proceedings: International Conference on Life Sciences, Informatics, Food and Environment;  
August 29- 30, 2014

*Indo Global Journal of Pharmaceutical Sciences (ISSN 2249 1023 ; CODEN- IGJPAI; NLM ID: 101610675) indexed and abstracted in EMBASE(Elsevier), SCIRUS(Elsevier), CABI, CAB Abstracts, Chemical Abstract Services(CAS), American Chemical Society(ACS), Index Copernicus, EBSCO, DOAJ, Google Scholar and many more. For further details, visit <http://iglobaljournal.com>*