

Awareness Of Biodiversity Among Undergraduate (Life Science) Students of Government College (Autonomous), Kalaburagi

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ABSTRACT

Due to impact of urbanization and industrialization there is an adverse effect on biodiversity. Decline in biodiversity is a global issue facing the world community. Education is the key role in cognizant the changes in global environment. In the present situation environmental education is must, with reference to academic syllabus to aware and update current biodiversity status among college students. So with respect to it awareness of biodiversity was carried out among the undergraduate students(Life Science). In the study students were given a questionnaire in related to impact of urbanization on biodiversity and its conservation, results reveal that students were unaware of the conservation of biodiversity and had less knowledge of fauna than flora.

Keyword: Biodiversity, conservation, flora, fauna.

INTRODUCTION:

Biological diversity is commonly referred to as “biodiversity”, which has been used to refer to the variability among living organisms from all sources including, inter alia, terrestrial, marine and other aquatic ecosystems and the ecological complexes of which they are part; this includes diversity within species, between species and of ecosystems (Hamilton, A. J. 2005) and (UNCED .1992) (Adnan Alsanoy *et al.*, 2014).

Biodiversity is an important issue with broad ramifications for the quality of human life and it is relative to the impact on agriculture, public health, ecological balance, and climate change (A.T. Peterson 2003) (Beckrich. 2011). The accelerating decline in biodiversity because of human activities is one of the most urgent environmental issues to safeguard the richness of life forms, it is essential to raise public awareness about the need to preserve biodiversity ‘(J. Kenneth . 2011). (United Nations. Agenda 21. 1992).

In recent years biodiversity has become an important focus of scientific research and political discussion (M. Dikmenli.2010). It is also a relatively new issue in educational research and formal education (D. van Weelie. 2001). To promote biodiversity education, students’ preconceptions, interest, and attitude need to be taken into account in the construction of curriculum (C. Gayford. 2000) (E.Sander. 2006) (Hui-Ju Huang *et. al.*, 2014).

The present studies are to know the update information of biodiversity among the undergraduate students.

METHODOLOGY

Survey was conducted among the life science students of Government College (Autonomous), Kalaburagi. Survey was carried out in Jan 2016.

During the survey hundred students (Life Science) were involved, as these students are basically from the biology field, and expected to have sound knowledge about biodiversity.

Simple survey method was applied as a data collection such as questionnaires, interviews, observations and documentary reviews. Majorly questionnaires found to be suitable and used the same.

RESULTS AND DISCUSSION

Data collected was analyzed; approximately 100 students were involved in survey. Especially life Science students, as they have basic knowledge about the biodiversity. Three types of questionnaire which include ten questions in an each set of paper. First type include impact of population on environment, such as overpopulation, urbanization etc. of 100 students only approximately 25% were aware of it. In second type of questionnaire in regard to issue and conservation, question include where such as effect of industries, environmental science as a compulsory in schools and colleges etc. even in this type, of 100students, only 25% of people were aware and able represent the same. Third type was totally in general that include flora and fauna species in and around of them, to the surprise of 100 students, approximately 50% were aware of flora and fauna species with their common name. Knowledge about biodiversity is essential since human activities have affected the balance of biodiversity in the world. Thus Biodiversity Education is important to educate the public and promote awareness of biodiversity. According Nováček (M. J. Novacek. 2008), the first step in the educational process is important, and in this case it is to assess student teachers' understanding of biodiversity (M. J. Novacek. 2008). Therefore, the ability to define biodiversity seems important to ensure proper understanding of the topic.

CONCLUSION

Overall survey among the undergraduate students shows that they had good knowledge of few species of common name of flora and fauna and while knowledge, awareness, conservation about biodiversity was of less concern. After discussion and detail information in respect to impact of urbanization, industrialization etc. on environment, now with information provided will help to work in concern of it. As this was just preliminary survey carried out in Life Science student, in future among various course of students i.e. B.A, B.Com, BCA etc. awareness in regard to biodiversity must be enlighten.

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