

Significance of Biodiversity in Higher Education: A Review

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Abstract

The variety of life on Earth and its biological diversity is commonly referred to as biodiversity, or includes the variability of genera, species and ecosystems, and is essential for maintaining the basic processes on which life

the richer the diversity of life, the better the opportunity for medical discovery, economic development, and adaptive responses to such new challenges as climate change. Some of the conservation methods today include biodiversity parks, biosphere reserves, national parks, and nature reserves. These have helped in saving many species of flora and fauna in the interiors of the forests. Efforts to protect nature, however, take place at a different pace, as environmental degradation occurs. Actions such as the establishment of gene banks, germplasm conservation units, and botanic and zoological gardens have also helped save species that have become extinct. However, these methods could work better because species are placed outside their natural interaction networks. Most of the world's biodiversity will continue to exist outside of protected areas, and many protected areas also include farmed land. There is an urgent need to measure biodiversity across habitats and assess the suitability of these habitats for biodiversity conservation.

For the preservation of biodiversity in higher institution, Biodiversity parks can provide an excellent opportunity to improve the quality of life and save beautiful creations of nature that are disappearing. It will not only helpful to preserve biodiversity, but also enhance the opportunity for research and education, recreation, tourism and sustainability in higher education institutions.

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According to research and organizations, biodiversity refers to the variety of life forms on Earth, including microbes, plants, animals and other organisms [1, 2]. The Biodiversity Park with its diverse flora and fauna is the perfect tool for the development of conservation education, which ultimately improves the quality of the environment and the ethics of nature conservation. In a wide range of fields related to field biology, nature conservation and environmental education, biodiversity parks serve as living laboratories. Biodiversity protection is increasingly coming to the fore in national and international agendas.

The Convention on Biological Diversity (CBD) has established biodiversity as a critical asset that must be protected to ensure our well-being and that of future generations [3]. During 2012, the Rajasthan State Biodiversity Board decided that a Biodiversity Park was created

education and to understand how the nature and tactics of EE and ESD programs can influence biodiversity education. Many educators agree that environmental education (EE) is a multidisciplinary approach to education that emphasizes nature, the environment, and