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**A Mini Project Report**  
**on**

**“WILD LIFE SANCTUARY”**

**Submitted in partial fulfillment of Academic year 2023-24**

**Bachelor of Engineering**  
**In**  
**Computer Science & Engineering**

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**2023-24**

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**CERTIFICATE**

This is to certify that the Mini Project report entitled “**WILDLIFE SANCTUARY**” has been successfully carried out by **KRUTHIK VARDHAN K** bearing **USN: 22CSE071**, And **KRUTHIKA Y S** ,bearing **USN:22CSE072**, a bonafide student of **B.G.S Institute of Technology, B.G Nagar in partial fulfillment of Academic year 2023-24 of Adichunchanagiri University, B.G Nagar** during the year of 2023-2024. It is certified that all corrections/suggestions indicated for the internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in respect of Mini Project work prescribed for the Bachelor of Engineering.

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## ABSTRACT

Wildlife sanctuaries play a crucial role in ensuring the sustainability and productivity of Indian agriculture. These protected areas provide essential ecosystem services that support agricultural activities and promote biodiversity conservation. By preserving natural habitats and wildlife populations, wildlife sanctuaries contribute to the pollination of crops, pest control, and nutrient cycling. They also act as genetic reservoirs for wild plant species that have potential agricultural value, serving as a valuable gene pool for crop improvement. Furthermore, wildlife sanctuaries act as buffers against climate change impacts by preserving ecological resilience and maintaining water resources. The coexistence of wildlife sanctuaries and agricultural landscapes promotes a harmonious balance between human needs and the conservation of India's rich biodiversity, ensuring long-term agricultural sustainability. A wildlife sanctuary is like a special home for animals and plants. It's a protected area where they can live safely without any harm. The main purpose of a wildlife sanctuary is to conserve and protect different species of animals and plants, especially those that are endangered. These places are important because they help maintain the balance of nature and preserve biodiversity. Wildlife sanctuaries also provide opportunities for research and education, so people can learn more about the importance of protecting our natural environment. It's a wonderful place to visit and appreciate the beauty of nature.

**Keywords:** Biodiversity conservation, genetic reservoirs, nutrient cycling

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