

किसान शिक्षण संस्था
क्रांतिसिंह नाना पाटील महाविद्यालय , वाळवा
भूगोल विभाग

सूचना

महाविद्यालयातील बी.ए. भाग -३ मधील भूगोल विभागाच्या सर्व विद्यार्थ्यांना कळविण्यात येते कि दिनांक १६/०२/२०२४ रोजी सकाळी ७.०० वाजता अभ्यास सहलीचे आयोजन वारणा धरण व चांदोली अभयारण्य येथे आयोजित केलेली आहे. तरी सर्व विद्यार्थ्यांनी आपली नावे प्रा.डॉ. जाधव के.आर. यांचेकडे जमा करावीत. सोबत विद्यार्थ्यांनी स्वतःचे ओळखपत्र, वही , पेन पेन्सिल सोबत घेणे आवश्यक आहे.



प्राचार्य

Kisan Shikshan Sansthas

**KRANTISINH NANA PATIL COLLEGE, WALWA DIST.
SANGLI**

Year: 2023-2024

A Brief Report

Name of the Committee: Department of Geography

Name of the Activity: Excursion Tour

Date: 16/02/2024

Number of Students Participated: 06

Venue: Warna Dam and Chandoli Wild Life Century

Brief Report:

Introduction

This report outlines the findings and experiences from the recent study tour conducted to explore the local dam and adjacent wildlife sanctuary. The purpose of the tour was to understand the ecological significance, conservation efforts, and the socio-economic impact of these areas.

Objectives of the Study Tour

1. **To study the environmental significance of the dam.**
2. **To assess the biodiversity within the wildlife sanctuary.**
3. **To understand the impact of the dam on local communities and wildlife.**
4. **To evaluate conservation efforts and challenges faced by the sanctuary.**

Location Overview

The Dam

The dam is located in Shirala Tahsil of Sangli district, located at 17°8'10" N and 73°51'50" E serving as a crucial water resource for the surrounding areas of Kolhapur and Sangli District. It plays a pivotal role in irrigation, hydroelectric power generation, and flood control.

The Wildlife Sanctuary

Adjacent to the dam, the wildlife sanctuary spans over eastern part of Shirala tahsil and is home to diverse flora and fauna. It aims to protect endangered species and their habitats while promoting ecological balance.

Findings

Environmental Significance of the Dam

- **Water Resource Management:** The dam provides essential irrigation for agriculture, supporting the local economy.
- **Hydroelectric Power:** It generates 4.90 MW of electricity, contributing to the region's energy needs.
- **Flood Control:** The dam plays a critical role in managing seasonal flooding, protecting downstream communities.

Biodiversity of the Wildlife Sanctuary

- **Flora:** The sanctuary hosts over plant species, including several endemic and medicinal plants.
- **Fauna:** Key species observed include:
 - Mammals: Birds: Reptiles:
- **Habitat Diversity:** Various habitats such as wetlands, forests, and grasslands contribute to the overall biodiversity.

Socio-economic Impact

- **Community Engagement:** Local communities are involved in conservation activities, providing a source of livelihood through eco-tourism.
- **Challenges Faced:** Issues such as poaching, habitat destruction, and human-wildlife conflict were identified as significant threats to biodiversity.

Challenges

- **Resource Limitations:** Insufficient funding and resources hinder effective management and conservation initiatives.
- **Climate Change:** Variability in weather patterns affects water levels in the dam and wildlife habitats.

Recommendations

1. **Enhanced Funding:** Secure additional funding for conservation programs and community engagement initiatives.

2. **Monitoring and Research:** Implement ongoing research and monitoring to track biodiversity and ecosystem health.
3. **Community Involvement:** Increase community involvement in conservation efforts through training and employment opportunities.
4. **Awareness Campaigns:** Expand awareness campaigns to educate the public about the importance of biodiversity and conservation.

Conclusion

The study tour to the dam and wildlife sanctuary provided valuable insights into the ecological and socio-economic dynamics of the region. It highlighted the importance of collaborative efforts in conservation and the need for ongoing support to protect these vital resources.



Photo Gallery

Excursion Tour-Warna Dam and Chandoli Wild Life Century

16th February,2024

