

12) Field Visit by Environmental Science Department (B.Sc. II)

Declaration

Dr. Yashwant Moreshwar Donde Sarwajanik Shaikshanik Trust's

INDIRA MAHAVIDYALAYA, KALAMB



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Declaration

This is to declare that the students of **B.Sc. II Sem-III** from department of **Environmental Science** have undertaken the field visit at **Datta Shikhar, Tq. Kalamb, Dist.-Yavatmal**. The purpose of field visit was to determine the reservoir's water storage capacity and its ability to meet the needs of surrounding communities. This Field visit was initiated on **10/10/2022** by the department.

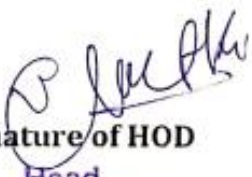
The field visit is regular practice of effective curriculum delivery and enhances the critical thinking with group activity and practical skill gaining.

Total **25** students were completed the field visit allotted to them individually or in groups.

List of students with certificate:

Sr. No.	Name of the Student	Name of Study tour	Session
1	Babhale Janvi Sachin	Field visit to Datta Shikhar water reservoir	2022-23
2	Badodekar Kamakshi Sanjay		
3	Bhise Mrunalini sudhakar		
4	Bhoyar Karan Anil		
5	Bhoyar Swapnil sunil		
6	Bulle Divya Mahadev		
7	Chawardol Avi Amar		
8	Chivhane Pratik Dnyaneshwar		
9	Darane Vedant Santosh		
10	Darne Adarsh Walmik		
11	Darne Rushikesh Mukund		
12	Gupta Dipali Chhagan		
13	Gurnule Dhanshri Gajanan		
14	Kove Yukta Kailas		
15	Kubade Gauri Dattatray		
16	Kubade Gayatri Shravan		

17	Kubade Vaibhav Dattatray		
18	Lilare Payal Mahadev		
19	Mahapure Raj Ramesh		
20	Mehata Snehal Namdeo		
21	Musale Manasvi Chintaman		
22	Ravekar Aniket Sunil		
23	Thakare Shraddha Ravi		
24	Thul Pramila charandas Thul		
25	Umratkar Vaishanavi Chandrashekhhar		


Signature of HOD
Head
Department of Zoology
Indira Mahavidyalaya
Kalamb Dist.Yavatmal


PRINCIPAL
Indira Mahavidyalaya
Kalamb Dist.Yavatmal

Report On Field Visit

Title	: Field Visit to Datta Shikhar Water Reservoir
Department	: Environmental Science
Class	: B.Sc. II Sem-III
Date	: 10/10/2022
No. of Students	: 25

Objectives:

1. Assess the current condition and functionality of the Datta Shikhar Water Reservoir.
2. Evaluate the reservoir's management practices and operational efficiency.
3. Determine the reservoir's water storage capacity and its ability to meet the needs of surrounding communities.
4. Identify any environmental impacts associated with the reservoir's existence and operation.
5. Investigate potential challenges or concerns related to the reservoir's infrastructure integrity and sustainability.
6. Provide recommendations for improvement or sustainable management practices based on the findings of the field visit.

Brief Information:

Dattapur Dam, officially designated as "Dattapur Dam, D-03608," but locally known as "Dattapur Lake" or "Dattapur Talav," was constructed in 1991 by the Government of Maharashtra as part of irrigation projects in the region. Situated on a local Nallah River near Kalamb in Yavatmal District, Maharashtra, the dam serves primarily for irrigation purposes. It is an Earth fill Dam with a length of 404 meters and a height above lowest foundation of 15.18 meters. While specific information about the spillway and catchment area is not available, the dam boasts an ungated spillway. With a maximum gross storage capacity of 1.68 million cubic meters (MCM) and a live storage capacity of 1.6 MCM, it significantly contributes to water resource management in the area. Moreover, the scenic beauty of Dattapur Lake makes it a popular picnic spot, attracting visitors for recreational activities.

Outcomes:

Following the field visit to Datta Shikhar Water Reservoir, several key outcomes were achieved. Firstly, a comprehensive assessment of the reservoir's water storage capacity and infrastructure condition was conducted, providing insights into necessary maintenance and upgrade requirements. Secondly, the environmental impact assessment highlighted the reservoir's significance in supporting biodiversity and ecosystem services. Moreover, recommendations were formulated to enhance water management practices, including measures for sustainable usage and conservation efforts. Overall, the outcomes of the field visit contribute to informed decision-making aimed at ensuring the long-term sustainability and effectiveness of Datta Shikhar Water Reservoir.

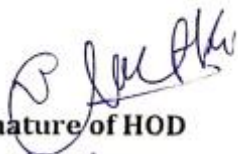

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Photographs of Field Visit

Field Visit to Datta Shikhar Water Reservoir




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Sample certificates

Dr. Y.M. Donda P.P. Trust's

Indira Mahavidyalaya, Kalamb

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Certificate


Session - 2022-2023

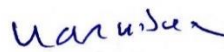
This is to certify that, Mr. / Miss. Dipali Chhagan Gupta

is a student of B.Sc. II Semester III. He / She has completed
~~seminar~~ / ~~Project~~ / ~~Field~~ ~~Visit~~ entitled

" Datta Shikhar water reservoir "

in the subject Environmental Science under my guidance as per the
prescribed syllabus of S.G.B. Amravati University, Amravati in the session 2022-
2023.


Signature of HOD
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Kalamb Dist. Yavatmal


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Indira Mahavidyalaya
Kalamb Dist. Yavatmal

Dr. Y.M. Donda P.S. Trust's

Indira Mahavidyalaya, Kalamb

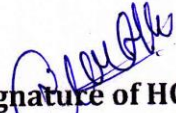
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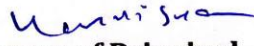
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Certificate

Session - 2022-2023

This is to certify that, Mr. / Miss. Susmitha Sunil Bhoyar
is a student of B.Sc. II Semester III. He / ~~She~~ has completed
~~seminar~~ / Project / Field Visit entitled
"Delta Shikhan Water Reservoir"
in the subject Environmental Science under my guidance as per the
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