



Seth G.B. Podar College Nawalgarh
Department of Botany
“EDUCATIONAL TOUR”

For
SARJU SAGAR DAM & SHAKAMBHARI MATA HILL

October 15th, 2022



ORGANISED BY

**Department of Botany, Seth G. B. Podar College,
Nawalgarh, Rajasthan**

**Affiliated to Pandit Deendayal Upadhyaya Shekhawati
University, Sikar (Rajasthan)**

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SETH GYANIRAM BANSIDHAR PODAR COLLEGE
Podar Educational Campus, Nawalgarh - 333042 (Raj.)
DEPARTMENT OF BOTANY

Date: 04/10/2022

To
The Principal
Seth Gyaniram Bansidhar Podar College
Nawalgarh, Rajasthan
Through IQAC

Subject: Permission for Educational Tour on 15 October 2022.

Sir,

With due regards, I wish to state that department of Botany like to Organize an Educational tour for students of M.Sc. (Previous & Final) take participate and learn about the vegetation and geographical region of the locality. For this department plan to visit Kot Bandh and Udaipurvati region.

Kindly allow for the same.

Thanking you

Yours' Sincerely
Dr. Ravindra Goswami
Department of Botany
Seth G. B. Podar College
Nawalgarh, Rajasthan



SETH GYANIRAM BANSIDHAR PODAR COLLEGE
Podar Educational Campus, Nawalgarh - 333042 (Raj.)
DEPARTMENT OF BOTANY

Ref/ GBPC/2022-23/

Date: 13/10/2022

Notice

All the P.G. Students, Department of Botany are hereby informed that Department of Botany is Organized an Educational tour for students of M.Sc. (Previous & Final) take participate and learn about the vegetation and geographical region of the locality. For this department plan to visit Kot Bandh and Udaipurvati region.

Presence of all students of P.G. classes is mandatory.

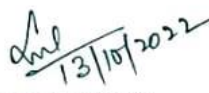
Starting point: College Campus

Date & Time: 15/10/2022 06:30 am

Place to visit: Kot Bandh and Udaipurvati region.


(Dr. Ravindra Goswami)

Head


(Dr. Satyendra Singh)

Principal

Objectives

- To develop the knowledge of Wetlands
- To develop knowledge of hills
- To impart knowledge among students
- To learn the role of wetland in ecosystem
- How Biofuel is helpful for the environment
- To learn Characteristics of Biofuel
- To learn about environment
- Teach how to develop a good discussion sense in class
- How to present themselves for any presentation
- How to ask right habit of learning

Course Content

- To develop the knowledge of Environment
- To Aware Environment Plant relationship
- To impart knowledge among students
- Role of bandh
- Wetlands and its uses
- Ecology of Wetlands
- Ecology of Mountains/ Hills
- Teach how to develop a good discussion sense in class
- How to present themselves for any presentation
- Plantation found in Hilly areas
- Plantation near Kotbandh Wetland area

REPORT

On 15th October 2022, Department of Botany, Seth Gyaniram Bansidhar Podar College organized a Seminar for the students of M.Sc. batch. In the program total 30 students participated and know about the wetlands and hilly areas and with this also know it's important. The program was started from the college by 8 am in the morning from the college, with the greeting of Dr. Satyendra Singh, Principal Seth Gyaniram Bansidhar Podar College, in his speech he gave instructions related to educational tour and it's importance. After this student with faculty members started their journey to the Shakambari mata hills, Udaipurwati region. After reaching the destination Dr. Ravindra Goswami, Head Department of Botany gave his lecture on vegetation and climatic differences in wetland and hilly regions. He also explained about the importance of Wetlands to conserve ecology and Environment.

In Kotbandh Ms. Shyama Didwania gave a brief about the Kotbandh. The Kotbandh also known as Sarju sagar Bandh, Sarju Sagar Dam also known as Kot Dam is a dam across the Shakambhari Hills. It is situated 13 kilometres from Udaipurwati town in Jhunjhunu, Rajasthan, India. The dam was constructed between 1923 and 1924 for the purposes of Irrigation and Water Storage. This conserve a large part of ecosystem in this region

Ms. Suman Saini share her experience about the vegetation near the kotbandh and also light the importance of Wetland. **Wetlands are areas where water covers the soil, or is present either at or near the surface of the soil all year or for varying periods of time during the year, including during the growing season.** Water saturation (hydrology) largely determines how the soil develops and the types of plant and animal communities living in and on the soil. Wetlands may support both aquatic and terrestrial species. The prolonged presence of water creates conditions that favor the growth of specially adapted plants (hydrophytes) and promote the development of characteristic wetland (hydric) soils.

Glimpses of the tour



Kotbandh (Sarju Sagar Bandh)



Group photo of Participants at Shakambhari Mata Hill, Udaipurwati



Group photo of Participants at Mata Temple



Group photo of Participants Kotbandh (Sarju Sagar Dam)