



Shri Shahu Shikshan Prasarak Seva Mandal's,

**SHRI VIJAYASINHA YADAV ARTS AND
SCIENCE COLLEGE, PETH VADGAON,
TAL-HATKANANGALE, DIST-KOLHAPUR**



DEPARTMENT OF BOTANY

CERTIFICATE

This is to certify that, Mr. / Miss Pradnya Rajendra Gholap Exam. Seat No. /Roll No. 768 is a regular student of B. Sc. I. He / She have satisfactorily carried out Botanical study tour to study Plant Biodiversity according to the syllabus in BOTANY prescribed by SHIVAJI UNIVERSITY, KOLHAPUR. Hereby the study tour report submitted by him / her is a bonafide work in the academic year 2019-20.

Date-

Place- Pethvadgaon

Teacher In charge

Examiner

Head

**SHRI VIJAYSINHA YADAV ARTS & SCIENCE COLLEGE,
PETHVADGAON
DEPARTMENT OF BOTANY
STUDY TOUR REPORT
2019-2020**

Name of Activity: Study tour

Localities: Mahalaxmi Tank Pethvadgaon.

Date: 14/03/2020

Class: B. Sc. Part I (100 students & 03 Faculty)

Short Description-

As per the syllabus of Botany, the department of Botany organized study tour at Mahalaxmi temple, Mahalaxmi tank and social forestry section, Peth Vadgaon on Saturday, 14th March 2020. We 100 students of B Sc I, with Dr. S. S. Bhosale, Dr. Mrs. K. A. Patil and Miss. M. B. Kore visited the Mahalaxmi Temple and Tank at 08.00 am to 11.00 am.

Mahalaxmi tank is a manmade reservoir situated on south side of Vadgaon city. The tank was constructed in 1882 by Late Chhatrapati Shahu Maharaja of Kolhapur Empire. The tank is mainly constructed to provide drinking water and irrigation facilities for Peth Vadgaon population.

• **Characteristic Feature of Tank**

- | | |
|--|---------------------------|
| 1) Water collection area - | 2027 Square feet. |
| 2) Storage capacity - | 85.40 million cubic feet. |
| 3) Using storage capacity - | 78.10 million cubic feet. |
| 4) Total length of embankment - | 2785 ft. |
| 5) Height of embankment - | 36.75 ft. |
| 6) Water release of area type and length - | 251 ft. |
| 7) Width of embankment (middle region) - | 20 ft. |
| 8) Total water collection level - | 94.93 ft. |
| 9) Feeder canal length - | 2 miles. |

More or less shape of tank is rectangular containing feeder canals originating from south west. The lake is surrounded by *Eucalyptus sp.* plantation planted by the forest department. About social forestry section Mr. Anil Jadhav, Forest Officer gave thorough information of medicinal plants planted in the section. We all enjoyed this short study tour with Dr. S. S. Bhosale Sir, Dr. Mrs. K. A. Patil Madam and Miss. M. B. Kore Madam.

Students watching flora and fauna



Map of Mahalaxmi Tank



Student Participants and Faculty



Plants observed at Mahalaxmi Tank and Social Forestry Section

Sr. No.	Botanical Name	Family	Local Name
1.	Calotropis procera	Asclepiadaceae	Rui
2.	Tridax procumbens	Asteraceae	Dagadi Pala
3.	Azadirachta indica	Meliaceae	Kadulimb
4.	Glyricidia sapium	Fabaceae	Undirkani
5.	Butea monosperma	Fabaceae	Palas
6.	Ceiba pentandra	Bombacaceae	Hirava Sawar
7.	Tecoma stans	Bignoniaceae	Putani
8.	Ziziphus mauritiana	Rhamnaceae	Bor
9.	Celosia argentia	Amaranthaceae	Kurdu
10.	Blumea sp.	Asteraceae	Gangavati
11.	Lycopersicon esculentum	Solanaceae	Tomato
12.	Cardiospermum helicacabum	Sapindaceae	Kapalphodi
13.	Parthenium hysterophorus	Asteraceae	Congress
14.	Crotalaria retusa	Fabaceae	Khulkhula
15.	Mangifera indica	Anacardiaceae	Amba
16.	Artabotrys hexapetala	Annonaceae	Hirava Chapha
17.	Murraya koenigi	Rutaceae	Kadipatta
18.	Citrus sp.	Rutaceae	Limbu
19.	Tectona grandis	Verbenaceae	Sagwan
20.	Pterocarpus marsupium	Fabaceae	Biwala


 Head
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 Principal
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