

# Venkatesh Mahajan Senior College, Osmanabad

## Department of Botany


### Annual Report 2021-22

This year is also marked by Covid 19 pandemic which hampered not only academic advancement as well as class room teaching. In this unprecedented situation also department of botany continued its endeavor in academic activities. During this year 2021-22, following activities were conducted by the department.

Harvest of the Shatavari crop.

- Project on Shatavariculture .
- Project on Vermi-composting
- Essay writing competition on World Water Day on 22 March 2022.
- Making of QR Code for the plants species in college premises.
- Infield training for B. Sc. III year student in Seed Processing Company Waruda.
- Plantation of trees on occasion of Women's Day.
- Completion of Certificate course on Techniques of Shatavari cultivation.
- Completion of Certificate course on Techniques of Vermicomposting.

The Details of the activities are given as follows.

  
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**PRINCIPAL**  
Venkatesh Mahajan Senior College,  
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- **Harvest of the Shatavari crop.**

The shatavari Crop which was planted on previous academic year on 3 August 2020 was harvested after completion of 17 months on 5/01/2021. The crop usually take 18 months of time period for harvest but due to the good rain and proper maintenance of the crop field the crop was ready to harvest well before one month. Over 250Kg of the roots were harvested which was bought by the one of the participant students of this projects. Thus through this project student not only learned the importance of non conventional farming as well as techniques of the Shatavari cultivation and its marketing.



Students and staff of the department with first harvest Shatavari

Osmanabad, Maharashtra, भारत  
 Samarth Nagar, Sanja Road, Osmanabad Tehsil : Osmanabad...,  
 Lakshmi Nagar, Osmanabad, Maharashtra 413501, भारत  
 Lat 18.187564°  
 Long 76.046803°  
 05/01/22 02:03 PM



Students collecting roots of Asparagus (Shatavari)

Osmanabad, Maharashtra, भारत  
 Samarth Nagar, Sanja Road, Osmanabad Tehsil : Osmanabad..., Lakshmi  
 Nagar, Osmanabad, Maharashtra 413501, भारत  
 Lat 18.187558°  
 Long 76.046776°  
 05/01/22 02:11 PM



Students collecting roots of Asparagus (Shatavari)

Osmanabad, Maharashtra, भारत  
 Samarth Nagar, Sanja Road, Osmanabad Tehsil : Osmanabad..., Lakshmi  
 Nagar, Osmanabad, Maharashtra 413501, भारत  
 Lat 18.187572°  
 Long 76.046839°  
 05/01/22 02:10 PM



- **Project on “ShatavariCultivation.”**

During the year 2021-22 Department of Botany continued the previous yearsproject on Shatavari Cultivation. For this course 15 students of B. Sc. I year were enrolled. The project started on 03/05/22.



- **Certificate Course on “Techniques of Shatavari Cultivation:**

During this academic year also Certificate Course was started on 1/05/2022 and completed on 1/06/2022. This course included the theory and practical about the techniques of Shatavari Cultivation. working of student in Shatavari field.



- **Project on Vermicomposting**

During the year 2021-22 Department of Botany also started the previous years project on Shatavari Cultivation. For this course 15 students of B. Sc. IInd year were enrolled. The project was started on 03/05/22. Till Its work is ongoing .





- **Certificate Course on “Techniques of Vermicomposting**

During this academic year. we also started Certificate Course on “ Techniques Vermicomposting” was started on 1/05/2022 and completed on 1/06/2022. This course included the theory and practical .

- **Essay writing competition on World Water Day on 22 March 2022**

Department of botany organized Essay writing competition on the occasion of World Water Day on topic “ How to save water “

About 20 student of B.Sc. II<sup>nd</sup> year participated in this competition .

- **QR code For plant**

**Student of department** made the QR Code for plant growing in college premises. This

QR code if scanned with the QR Code Scanner APP then immediately plant’s botanical name and information of the plant is revealed. The formal inauguration of these QR Code was done on the occasion of Republic Day 26 January 2022. This activity was acknowledged by print media as well as electronic media (DD Sahyadri, Local News Channel).



- **Infield training for B. Sc. III year student in Seed Processing Company Waruda.**

To provide skill based education to the students department botany took initiative of providing infield training in industries related to botany subject. For this ODSf Agro Producer Company Ltd. Osmanbad assisted us .This company is having it's unit in village Waruda. In this company seeds of Soyabean, Gram, Green Gram, Red gram, Black Gram and Onion are processed and distributed to the farmers. During this infield training students learned the techniques of seed processing which includes seed sorting, testing, tagging and packaging. This entire training consisted of 7 days and 18 students took the benefit of this training.






- **Plantation of trees on occasion of Women's Day.**

On occasion of World Women's Day 8 March 2022 and in collaboration with the National Service Scheme of the College plantation of trees were done in the botanical garden no. 1. Ten trees of various species were planted through the hands of Chief Guest Ujjwalatai Masalekar and Hon Sheshadri Dange.



Apart from above activities department has conducted online and offline classes regularly. The google classrooms of each paper were created and the study material and other instructions are conveyed to the students through google class rooms app and whats app. In offline teaching during last semester also use of ICT is done. Some of the lectures are conducted on the smart board.

Assignments of the respective paper are collected from and students are informed about the area in which they need to improve. During lockdown online test and after lockdown offline test are conducted regularly.

  
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