

Venkatesh Mahajan Senior College, Osmanabad

Department of Botany

Annual Report 2020-21

Even though this year 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 2020-21, following activities were conducted by the department.

- Project started on Shatavari Cultivation .
- Project started on Vermicomposting under the scheme Earn and Learn.
- Environment Awareness program on Poster making Competition on the occasion of world soil day 5 th Dec.



Head

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PRINCIPAL

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1 Project on “ShatavariCultivation.”

During the year 2020-21 Department of Botany has conducted course on shatavari Cultivation. For this course 32 students of B. Sc. IIIrd and IInd year were enrolled. The course started on 30-6 -2020. The course consistsof theory as well as practical, till now it is continued.

Course on “ShatavariCultivation:

- Shatavari is small herbaceous plant having nutritional as well as medicinal importance. It has many varieties which can be grown on large scale. it has high cost in the market. .
- Shatavari cultivation is not only useful in generation of employment but also eco friendly,
- Cultivation of mushroom therefore offers an opportunity for students of graduation. In view of high unemployment rate in India such courses can develop skill in students so that they become self sustained economically instead seeking jobs in companies and public sector.
- After completion of course student have developed the skills of Shatavari cultivation. On the basis of this course students can develop their own small scale business to earn their livelihood.
- This may also reduce the suicides of the farmer in Osmanabad locality.





Samarth Nagar, Sanja Road, Osmanabad Tehsil - Osmanabad, Lakshmi Nagar, Osmanabad, Maharashtra 413501, India

Osmanabad
Maharashtra
India

28°C
82°F

2021-01-25(Mon) 11:34(am)

Student working in
Shatavari field



Samarth Nagar, Sanja Road, Osmanabad Tehsil - Osmanabad, Lakshmi Nagar, Osmanabad, Maharashtra 413501, India

Osmanabad
Maharashtra
India

27°C
81°F

2021-01-11(Mon) 10:18(am)

Student working in
Shatavari field





Principal Dr Prashant Choudhari with faculties of department leading from the front to work in the shatavari field.

Project on Vermicomposting

This project is also started in 2 November 2020. It is done by vermi bed method. All the material required for vermicomposting collected and partially decomposed. After decomposition earthworm released on upper layer of Bed. Water should be sprinkled immediately after the release of worm. Beds should turn once after 30 days. After that worm and compost can be separated, and worm should be used for another vermi-bed. By this process the complete good quality vermicomposting is ready in 5 months. At the end total net production of vermicompost is -381 kg. For marketing selling price is kept at-50 Rs per kg.

Importance. –

- 1 Infertility and soil erosion are the main problem in front of Indian farmers. The use of compost improves soil structure, texture, aeration, water holding capacity and prevents soil erosion.
- 2 It is easily adoptable low cost technology.
- 3 Cheaper price as compared to chemical fertilizer.
- 4 Crop harvested by using this manure has high demand in national and international market.



Inauguration of Shatavariculture and Vermicomposting



Student and teacher working in vermicomposting

All the two project conducted under “**Earn and Learn**“ scheme there are 8 student are enrolled into this scheme.

Based on this project 15 day skill development course was conducted having title **Techniques of Vermicomposting and Shatavari Cultivation** . In this course 32 students of B. Sc. II and III year got enrolled. This course consisted of theory as well as practical through which thorough knowledge was given.

Online Ppt. Making competition

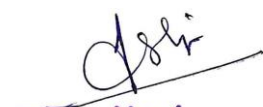
Department has organized **Ppt.** making competition for Bsc II nd year student on the occasion of “**World Soil Day-5 Dec**”there are 20 student participated .in this competition . First ,Second And third Prize are drawn .and prize are distributed on the occasion of 26 Jan



Students taking prizes in ceremony of Republic Day



Students taking prizes in ceremony of Republic Day


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