

Department of Botany Annual Report 2019-20


Department of Botany has carried out following activities in this academic year

- Thirty days skill development course on Mushroom Cultivation.
- One Day workshop on “Advanced Technique in Basic Sciences.”
- Three research project were completed by students of B. Sc.III
- Environment Awareness programe.
- Study tour to Ramling and Kunthalgiri.
- Participation of students in Avishkar

30 days skill development course on “Mushroom Cultivation.”



During the year 2019-20 Department of Botany has conducted 30 days skill development course on Mushroom Cultivation. For this course 30 students of B. Sc. IIIrd and IInd year were enrolled. The course started on 9-12-19 and ended on 9-01-20 in thorough knowledge of theory as well as practical was given to students


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- After completion of course student has developed the skills for mushroom cultivation. On the basis of this course students can develop their own small scale business to earn their livelihood.
- The course was aimed at giving training for starting nonconventional for agro based small scale business.

One Day Workshop on “ Advanced technique in basic Sciences “

Department of botany in collaboration with Walchand College of Arts and Science, Solapur organized one day workshop on ““ **Advanced technique in basic Sciences” on 17 January 2020**. 42 student of BSc III rd year actively participated in this workshop. Key note address was given by Dr, Khobragade R. (Head ,Department of Microbiology ,Dr B.A.M.U. subcampus Osmanabad.), After that Dr. Anil Katti, Shri Yogesh Joshi, Shri Chetan Godale, Shri Kaetan Gunare of Walchand College trained student in various techniques of Bitechnology, Nannotaechnology and Drug Desining. This entire workshop was conducted with able guidance of our Principal Dr. Prashant Choudhari.



Inauguration of Workshop



Students learning the techniques of making Nano-particles

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

Osmanabad
Maharashtra
India



25°C
77°F

2020-01-17(Fri) 03:49(pm)

Environment Awareness programme

On 10/01/2020 Venkatesh mahajan senior college osmanabad organized Grantha Dindi Campaign on the occasion of Marathi Sahithya . Sammelan. Large number of student are actively participated in this Granthadindi Campaign ,some student of Botany department organized environment Awareness campaign for awareness about environmental issue i.e pollution plantation , water conservation etc. into the society.



Students carrying poster for environment awareness in the rally



Students holding placards for environment awareness in the rally

Field visit at yedeshi Ramling and,Kunthalgiri



Students collecting plant specimens



Students resting after plant specimens collection

Department of Botany Organized one day field visit at Ramling Gurukul ,and Kunthalgiri for study and collection of medicinal plant .for BSc IIRD year

Student.. there are 30 student of Bsc II nd year

,Two teacher i.e. Mahadic Sharada and Linge Anita and one Lab attendant Mali Parmeshwar has particided in this field visit .

Participation of students in Avishkar

Students participation in Avishkar competition is for developing scientific temperament and innovative skills among the students. It also aims at developing lab skills, analytic skills needed for research activity. By keeping in mind this aspect Department of Botany encourages students to carry on research



work in laboratory by taking into consideration recent advancement in the field of botanical research. For this purpose one group of students have done laboratory research subjects Anti-microbial Activity of *Withania sominifera* and *Abitilon indicum* The two students Chavan Ashwini and Kale shital made leaf extract of these plants and studied anti microbial activity of these plants for different species of bacteria. This research projects proved that *Withania* and *Abitilon* have antimicrobial substances in their leaf which

stopped the growth of bacterial colony around the dot of leaf extract. These findings were presented by students in annual Avishkar competition at Dr Babasaheb Ambedkar Marathwad University , Aurangabad. They were escorted by Smt. Linge A. S.

Use of ICT in Teaching


Information and Communication Technology offers vast amount of opportunities in teaching-learning process. Through use of ICT many difficult and abstract concept can made easy to understand by showing videos, images and graphical representation. Faculties of department of botany are constantly uses ICT tools in classroom teaching. During theory lecture of vocational course on Techniques of Mushroom cultivation students were shown the video on economic and nutritional importance of mushrooms.



Students watching videos of techniques of mushroom cultivation



Students watching videos of techniques of mushroom cultivation


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