



Activities for the session 2019-20

1. Field visits

● Field Visit To Department of Horticulture

50 Students of M.Sc. (1st and 3rd Sem.) and B.Sc. IInd Year along with teachers of Botany Department went on a field visit to Department of Horticulture, Navbahar, Shimla to study the ornamental, medicinal and some religious plants which have been cultivated in the glass houses. The floriculturist from their department helped the students in the identification of various plants. It was a great learning experience for the students.



● Visit to Central Potato Research Institute

A visit to CPRI was organized for the students of BSc.III (Medical) on 25th September 2019. The students visited the museum exhibiting different varieties of potato, associated diseases, and various edible products. The scientists briefed the students about various techniques and instruments used in biotechnology. Students also visited tissue culture lab.





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● **Field Visit to Indian Institute of Advanced Studies**

Students of B.Sc. IInd and M.Sc. Ist visited IIAS on 22, Oct 2019. The purpose of the visit was to make students familiar with the local and ornamental flora of Shimla. Students were as encouraged to prepare herbarium.



2. Seminar

One day seminar entitled “Patterns in Nature and Discoveries in Science” was organized on 13Sept, 2019. Seminar was organized in two sessions, in the first session a movie “Mystery of Matter: Unruly Elements” was shown to students and then a open quiz based on the movie was organised. In the second a lectures on the topic “From Elements to Materials: An Edifice on the Foundation of Periodic Table” was delivered by Prof. P.K.Ahluwalia. Prof. Physics (Retd.), Himachal Pradesh University. A lecture on the topic “Plant Diversity & its Conservation” was delivered by Prof. M.K. Seth (Retd.), Department of Biosciences, Himachal Pradesh University on the topic “Plant Diversity & its Conservation” in the second half of the session.





3. Training

7 students of B.Sc. IInd (SEC) course participated in three days training programme on "Application of Biofertilizers and Biopesticides in forestry practices" sponsored by Ministry of Environment, Forest and Climate change, Govt. of India and organized by HFRI Panthaghati, Shimla, HP from 18-20 Dec, 2019. On Day 1 of training, resource persons from various institutes delivered presentations on bio fertilizers and use of insects and bio pesticides. On Day 2, field visit to Dr. Yashwant Singh Parmar University of Horticulture and Forestry, Nauni, Solan was organized. On Day 3, students learned about preparation of wormy compost by using different kind of containers and boxes and the role of worms in the process.





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4. Demonstration of cutting (Artificial propagation) in plants

Demonstration of cutting, a method for artificial propagation in plants was given to the students of B.Sc IInd year (SEC) by Gardener Mr. Kamal. This activity was a part of student's curriculum. Students learned about various methods of cutting and propagation of different plants through cutting.



5. Science Day Celebration

A one day program on National science day 28, February 2020 was organised on the theme "Women in Science". Students of B.Sc IInd performed a play on Various Theories of Evolution. B.Sc IInd (SEC) students gave presentation on Biofertilizers A Boon To Agriculture.



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6. E-Quiz Competition

23 students of B.Sc. IInd year participated in various online quiz competitions related to the subject organized by different institutions.