



## Activities for the session 2017-18

### 1. Field visits

- Field visits of M.Sc. I Sem. were organized to Jakhoo Hills, Camp Potter's Hill and Regional Horticultural Research Station, Mashobra, in the months of Sept.-Oct., 2017. The purpose of these visits was to make students acquainted with the flora of different areas of Shimla.



- Excursion to Directorate of Horticulture, Nav-Bahar was organized for the students of B.Sc. IV Sem. in the month of March, 2018. Students were made aware with the various techniques of floriculture.





## **2. Educational trip**

An educational trip was organised on 28<sup>th</sup>-29<sup>th</sup> March 2018 to Renuka Ji (Distt Sirmaur) H.P. Following places were visited during the trip.

- Solan Brewery (Mohan Meakin Ltd.): An insight on beer making process was demonstrated.
- Directorate of Mushroom Research, Chambaghat Distt Solan: The students were introduced to the process of edible mushroom cultivation. They also visited the museum exhibiting various mushroom preparations, other edible and medicinal mushrooms and their importance.
- Renuka Sanctuary and Mini Zoo: The students got to see a lot of different animals like Panther, Black Bear, Stag etc. and many birds which left them completely thrilled. Students were also acquainted with the local flora of the area. Finally the students had a relaxing time at historical Parshuram temple of Renuka Ji.





### **3. Workshop**

**Two days National workshop: A celebration of Science through stage show, lecture and panel discussion (August, 2017)**

The students of our department participated in this workshop and enjoyed the wonderful world of science with the curiosity of how and why certain things happen around us.

Following Lectures were attended

- “Graphene: The queen of flat land of crystals
- Wonder world of science: walk from past to future
- Latest trends and opportunities in science (Panel discussion).

The students actively participated in all the stage shows and discussions hence it stimulated the feeling of science experimentation in learning among students and teachers.

### **4. Intercollege interaction**

Students of B.Sc. V<sup>th</sup> Sem. interacted with the students of Badrinarayan Barwale Mahavidyala, Jalna, Maharashtra in the month of August, 2017 by presentation on Biodiversity of H.P. and visit to Arboretum at Potter's Hill and IIAS, Shimla. College students also visited the historical monuments in and around Shimla and also had a walk at the Ridge and the Mall Road Shimla accompanied with the teachers.





## 5. PowerPoint presentations

Today's world is a world of Technology and Power Point is software that helps to make a lecture more powerful and interesting. Keeping this in view various powerpoint presentations were organized for the students of B.Sc. I, III, IV Sem. Students were also encouraged to present their assignment in the form of PowerPoint presentations.

## 6. Project works

- Students of B.Sc. III<sup>rd</sup> Sem. submitted the project works in the month of October, 2017 which were related to different aspects of Biofertilizers viz. compost making, waste material recycling, potato/apple cultivation and the effects of biofertilizers on their yield.
- Projects on various plants with ethnobotanical importance were prepared by students of M.Sc Ist Sem. (Dec, 2017). These include Timber woods, Resins, Gums, Tannins, Dyes, Wild edible plants.
- Students of M.Sc. II<sup>nd</sup> Sem. (May, 2018) were encouraged to grow ornamental plants in the pots to give them hands on experience of gardening.



**Biofertilizers process demonstration**



**Project on ornamental plants cultivation**



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Wild Edible plants, Timber Woods



Wild Edible plants, Tannins and Dyes

**7. National science day celebration (Feb 2018)**

NSD is celebrated on 28<sup>th</sup> February to commemorate discovery of the 'Raman Effect', which led to Sir C.V. Raman winning the Noble Prize. On this day students of our department participated in various activities like rangoli making, essay writing and poster making. Priyanka Kanwar (M.Sc. II<sup>nd</sup> Sem.) stood third in essay writing competition.



**8. Interdepartmental activities (April 2018)**

Department of Botany in collaboration with the Department of Geography organized class room lectures for M.Sc. Geography II<sup>nd</sup> Semester students. Lectures on Theories of evolution proposed by Lamarck and Darwin were



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explained to the students by Dr. Madhavi Joshi. These lectures were organized as a part of M.Sc. Geography curriculum.

### **Department Achievers**

- **Aayushi Verma** and **Ankita Verma** of B.Sc. IV semester attended one month internship programme at Himalayan Forest Research Institute, Panthaghati on plant and animal taxonomy in the month of January 2018.
- **Chandi Malhotra** of B.Sc. IV semester did one month training at Central Potato Research Institute, Shimla, on plant tissue culture in the month of May-June, 2018.