



Activities for the session 2018-19

1. Field visits

- Field visit of M.Sc. students was organized to Indian Institute of Advanced Studies in the months of Oct, 2018. The purpose of this visit was to make students acquainted with the flora of visited area.



Visit to Indian Institute of Advanced Studies

- Excursion to Camp Potter Hill, Summerhill was organized for the students of M.Sc. on 22nd April, 2019. The purpose of the Visit was to celebrate World Earth Day. Our students performed a skit on this event organized by Himalayan Forest Research Institute. The resource person Mr. Raja Bhasin urged the students to respect and maintain everything they get from the mother Earth.





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Earth day Celebrations at Potter's Hill.

2. Seminar

One day National Seminar on Indian Science: From Past to Future in association with Indian Science Congress Association, Shimla Chapter (13th September, 2018)

The students of our department participated in this seminar and enjoyed the wonderful world of science. The seminar included two lectures, a movie and a quiz based on the theme. Students from different local schools also participated in this seminar. Students from Department of Botany displayed various projects done by them.





3. Workshop

A three day workshop entitled “**Rehabilitation of minefields and barren lands**” was attended by Dr. Shramja Munjal and three students (Aayushi Verma, Sandhya Bhatt and Ankita Verma) of B.Sc 6th sem. from 12th -14th December 2018 at HFRI Shimla. The purpose of the workshop was to bring together people of different fields and enlighten them about the wastelands in our state and how to rehabilitate those areas. The workshop also included a field trip to “Ambuja Cement Factory Mines, Darlaghat” and “Western Himalayan Temperate Arboretum, Potter’s Hill, Shimla” on the 13th of December, 2018. The workshop was an extremely enlightening and informative experience for students.

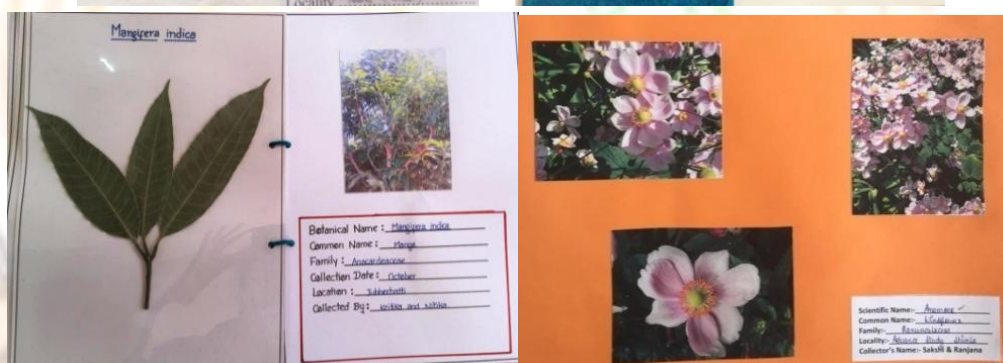


Students attending workshop at HFRI and their visits to WHTA and Ambuja Cement Factory Mines, Darlaghat



4. Project work

- Students of B.Sc. Ist year documented the flora of college campus in the form of herbarium.
- Herbarium on various plants with ethnobotanical importance were prepared by students of M.Sc. Ist Sem. (Dec, 2018). These include Timber woods, Poisonous plants, Wild edible plants, Gum and Resin Plants, Aromatic plants.

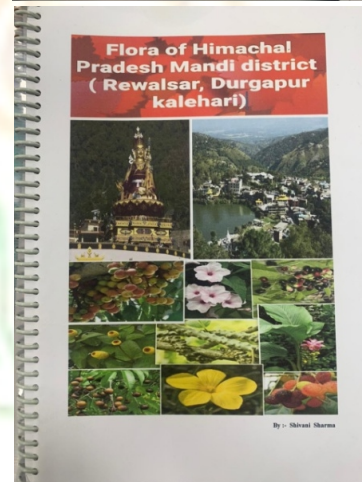
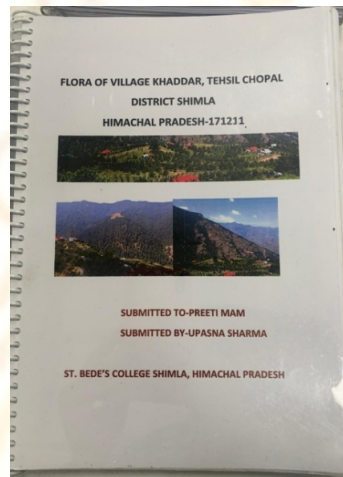
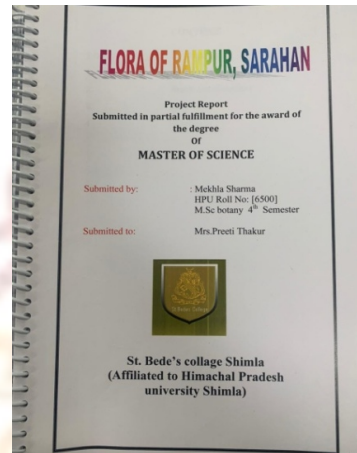
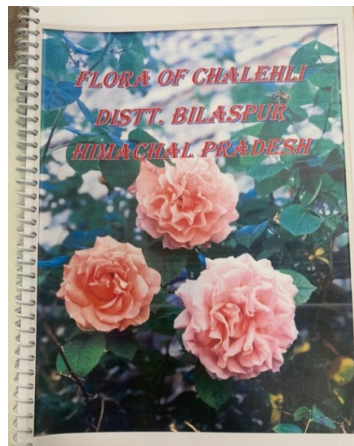


Herbarium and Projects made by M.Sc. students.

- Project work on Flora of different localities of Himachal Pradesh were prepared by 18 students of M.Sc. IVst Sem. The project work includes photographs captured from natural habitat and their ethnobotanical importance.



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Projects made by M.Sc. Students

5. Plantation Drive

To provide hands on experience of gardening students of M.Sc. were encouraged to grow ornamental plants in the pots and medicinal plants in the herbal garden of college campus. Students enthusiastically participated in the plantation drive.



Students planting medicinal plants in the Herbal garden of college campus



6. National science day celebration

On 28th February, 2019 to celebrate Science Day, St. Bede's College Shimla organized one day science workshop on Bioinformatics, Biotechnology and Physics experiments in collaboration with Jaypee University of Information Technology, Wagnaghat. Faculty of JUIT interacted and demonstrated to the science students of Bede's College. The session was based on hands-on experiments and techniques related to various fields of sciences i.e. Tissue culture, Immunology, Biogas reactor, Molecular biology, Optical fiber, Polarization and Hysteresis loop and Magnetostriction. The resource persons were Dr. Sudhir Kumar, Dr. Tirath Raj Singh, Dr. Ragini Raj Singh, Dr. Sanjeev Tiwari, Dr. Jata Shankar, Dr. Hemant Sood, Dr. Rahul Shriwastva from the departments of Biotechnology, Bioinformatics and Physics of JUIT.



Demonstration of various experiments by faculty of Jaypee University of Information Technology, Wagnaghat.

7. Interdepartmental activities

Department of Botany in collaboration with the Department of Geography organized class room lectures for M.Sc Geography IInd and M.Sc Botany IVth Semester students. Lectures on Theories of evolution proposed by Lamarck and



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Darwin were delivered to the students by Ms. Preeti Kaundal. Powerpoint presentation on Remote Sensing was given by Mr. Pankaj to students of M.Sc Botany. These lectures were organized as a part of M.Sc curriculum.



Department Achievers

- **Aayushi Verma** and **Alka Rana** of B.Sc. VI semester attended one month internship programme at Soil Testing Lab, Department of Agriculture, Shimla on Methods of Soil Testing in the month of Jan, 2019.