

Activities of the Botanic Club

The Botanic Club organizes students' seminars and discussions from time to time on subject related topics. It serves as a platform for students to express their views and opinions. Students are also encouraged and prepared for various activities like, summer school, quiz, debate etc in the college as well as in other institutes.

Fresher's, farewell, teachers day programs and popular talks are organized by the students on a regular basis.

Fresher's cum Farewell 2018 meet in the Department



Fresher's cum Farewell 2019 meet in the department



Farewell Programme on June 24th, 2022, Department of Botany (Botanic Club)

A farewell programme for the outgoing Sixth-semester Botany (honours) was organized by the Second & Fourth-semester students on June 24, 2022, in the Botany laboratory. The former head of the dept Shri. S K Roy was also given a farewell together with them. The farewell programme was attended by all the teachers and students. The programme started with a welcome speech by a Second-semester student. This was followed by a speech by the Head of Department Smt. Darina Kharshandi. There were also speeches by the outgoing students which were followed by a group song by the Second-semester students. The former H.O.D also gave a speech on the occasion. Some activities for the outgoing students were also conducted which was followed by felicitation of the outgoing students. The programme ended with a vote of thanks by the Fourth-semester student.



Teacher's Day programme in the Department



On the 20th April 2019, a befitting Farewell programme was organised in the college Conference Hall to bid adieu to Smt. Florida Kharlukhi, the Laboratory Assistant of Botany Department. Smt. Florida Kharlukhi retired from her service in December 2019 after having served the college for 36 years.



Later in the day, a farewell party for the outgoing 6th semester students was arranged where the Head of Department, Shri S.K. Roy gave the farewell speech.



Popular Talk

On the 12th of March 2021, at 1 pm, the Botanic Club of the Botany Department organised a popular talk on 'Nature Conservation'.

Number of teachers who attended the programme = 5

Number of students who attended the programme = 21

The Speaker was Pallabi Chakraborti, a Master degree holder in Botany who changed her career to Wild Life because of her love for animals and birds. She is currently based in Dehradun at the Wildlife Institute of India –Category 2.

The programme began with a welcome speech by Smti. D. Lyngdoh who warmly welcomed the Speaker, the students and faculty members into the programme.

Pallabi divided her speech into two sections. In the first section, the speaker spoke about her six years of 'on the field' experience in the Kaziranga National Park. Her assignment involved documenting the number of animals present in the park. She narrated at length about the resistance encountered with the local community and the militants who had taken shelter in the park. The techniques used in the counting of animals included traditional methods like identifying paw and hoof prints to sophisticated methods using Camera traps and Paw/Hoof Print marking.

In the second section Pallabi Chakraborti enlightened the students about the many possible career options in Forestry and Wildlife Sciences available after their Graduation. This section saw a lot of Students' interest and positive response.

The programme ended with a vote of thanks from Smt. M. V. T. Marwein that was then followed by a light refreshment.



Entrepreneurial Exposure Visit to Tynrai Hydroponic Centre, Nongpoh by the 6th Semester Students, Department of Botany (Botanic Club) Shillong College on the 21st of April 2022.

On the 21st of April 2022, 27 students from the 6th semester Department of Botany Shillong college, were taken for exposure visit to the hydroponics unit of Tynrai at Deisibon nursery, Nongpoh approximately 51 kilometres from the city. The Tynrai small industry is owned by Dr. Rebecca Sailo of Bethany hospital.

Dr. Rebecca in her introductory lecture spoke about healthy eating and also emphasised on sustaining an obese free lifestyle through her experience. As we took a tour of the farm, Dr. Rebecca showed us areas under fruit plantation (dragon fruit, lemon, oranges, strawberry, pineapple and wild berries). The rearing of exotic poultry like Emu birds and turkey was also shown.



This was followed by the visit to the 3 Poly houses where the hydroponics units were set up. The students were given a brief introduction to soilless farming and hydroponics along with demonstration on the technical unit.



The students were very excited to see the whole setup of the hydroponics units covering an area of more than 2000 square feet. Various stages of hydroponics steps were discussed which included the initial plantlet growth on coconut chalk boxes followed by transfer to the hydroponics leans. Discussion on the mediums used in the hydroponics solution. Details about the choice of plants that can be used for hydroponics with life examples showing the various stages was also discussed. From sampling of 3 to 4 weeks until the final product was ready for marketing it takes 48 days for market consumption depending



on the need of the market. Around 6 batches go for market value, selling and harvest throughout the year.

Pest free best systems were also maintained using sticky traps in yellow and blue to make all the Poly houses pest free. Air circulations were maintained in each Poly house using engineering technologies.

A large variety of plants hydroponically grown included varieties of parsley, pokchoi, baby

spinach, curly karls, lettuce, iceberg lettuce, rosemary, basil and other varieties of economically important plants.

The students of the 6th semester interacted and asked many questions about the entrepreneurship aspect and the business of hydroponics. Dr Rebecca answered all the queries of the students and invited them over for internships as well. It was a healthy discussion with all the students and the teachers who accompanied them.



The students were served with home juices from the farm fruits. A tour of the whole farm under the hospitality of Dr. Rebecca and her staff was also done. The students ate their lunch at the farm and took photographs for the report. The department of botany as a gesture of appreciation handed over the honorarium and a stole as a token of appreciation to the resource person Dr. Rebecca for her kind lecture and hospitality. The program winded up by 4:00 pm. Then the students boarded the bus to return back to the college campus at Shillong and return home. As a concluding note, on

behalf of Dept of Botany, Dr. Reema thanked the Principal and the administration for supporting the visit.