



Criteria- 7.1.6

Beyond the Campus Environmental Promotion and Sustainability Activities

Academic Session: 2018-19



Registrar
Quantum University

S. No.	Department	Title	Venue/ Key Person	Affiliation	Date	No of Students
01	Department of Agricultural Studies	Visit of agrometeorological Observatory	Muzaffarabad, Saharanpur / Mr. Sayam Ram	Quantum University, Roorkee	10-09-2018	66
02	Department of Agricultural Studies	Extension Visit to Centre for Aromatic Plants, Dehradun	Centre for Aromatic Plants, Dehradun /Mr. Naveen Chandra and Mr. Vimal Choudhary	Quantum University, Roorkee	17-09-2018	50
03	Department of Agricultural Studies	Extension Visit to Krishi Utpadan Mandi Samiti Saharanpur	Krishi Utpadan Mandi Samiti Saharanpur/Mr. Anurag Singh	Krishi Utpadan Mandi Samiti Saharanpur	28-09-2018	27
04	Department of Agricultural Studies	Visit to Food Processing Unit	Company Garden, Saharanpur /Mr. Madhuri Chaudhary and Mr. Arun Kumar	Quantum University, Roorkee	16-11-2018	55
05	Department of Agricultural Studies	Tree Plantation Drive	Badkala & Jaysingha villages /Mr. Mitendra Kumar Arya	Quantum University, Roorkee	18-11-2018	28
06	Department of Agricultural Studies	Installation of solar lights in Badkala villages	Badkala Village/Mr. Mitendra Kumar Arya	Quantum University, Roorkee	21-11-2018	30
07	Department of Agricultural Studies	Radio talk on Keep clean your village	Jaysingha village/Mr. Mitendra Kumar Arya	Quantum University, Roorkee	16-12-2018	27
08	Department of Agricultural Studies	Extension Visit to Nursery	Nursery, Chhutmalpur, Saharanpur/Mr. Mohit	Quantum University, Roorkee	09-02-2019	27
09	Department of Media Studies & Design	BJMC Students Outdoor Visit	Saharanpur	Quantum University, Roorkee	15-04-2019	10


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1. Visit of Agrometeorological Observatory, Muzaffarabad, Dist.

Saharanpur - 10/09/2018

The Agrometeorological Observatory plays a pivotal role in monitoring, understanding, and forecasting weather conditions and their impact on agriculture. Understanding the impact of weather and climate on agriculture is crucial for fostering sustainable agricultural practices. On the 10th of September 2018, around 66 B.Sc. (Hons.) Agriculture Ist year students from Department of Agricultural Studies embarked on a visit to the Agrometeorological Observatory in Muzaffarabad, District Saharanpur. The purpose of the visit was to gain practical insights into the field of agrometeorology and observe the various meteorological instruments and techniques used to monitor and forecast weather patterns for agricultural purposes. The observatory in charge Mr. Sayam Ram has provided information regarding observatory establishment and function of different instruments which are used to take different metrological readings like Sunshine Recorder, Soil thermometer, Rain gauge etc.

The visit to the Agrometeorological Observatory reveals the vital role it plays in enhancing environmental promotion and sustainability. From supporting climate-resilient agriculture to aiding disaster risk reduction and biodiversity conservation, the observatory's contribution underscores the interconnectedness between sustainable agricultural practices and a healthier environment.



Visit the Agrometeorological Observatory

2. Extension Visit to Centre for Aromatic Plants, Dehradun - 17/09/2018

On the 17th of September 2018, the Ist year B.Sc. (Hons.) Agriculture students from Quantum University were on an extension visit to the Centre for Aromatic Plants in Dehradun. The objective of the visit was to gain practical exposure to the cultivation, processing, and utilization of aromatic plants in the industry. Faculty members Mr. Naveen Chandra and Mr. Vimal Chaudhary accompanied the students. A total of 50 Students who were a part of the visit were given awareness on production of quality plant material, cultivation and extension on aromatic plants. Students were provided information on different medicinal plants and their usage. They were also intimated that cultivation of aromatic crops has raised the economy of farmers in Uttarakhand.

The visit to the Centre for Aromatic Plants in Dehradun proved to be an invaluable learning experience for the students. It provided practical exposure to the cultivation, processing and utilization of aromatic plants. The visit enhanced our understanding of the market potential, applications, and value addition opportunities associated with aromatic plants. Cultivation of aromatic plants holds tremendous potential in fostering a greener and more sustainable future.



Industrial Visit to Centre for Aromatic Plants, Dehradun

3. Extension Visit to Krishi Utpadan Mandi Samiti Saharanpur- 28/09/2018

Krishi Utpadan Mandi Samiti (Agricultural Produce Market Committee) plays a crucial role in facilitating the trade of agricultural products between farmers and buyers. An extension visit to such a committee can provide valuable insights into how environmental promotion and sustainability practices are integrated into agricultural processes.

Department of Agricultural Studies, Quantum University, Roorkee has conducted an industrial visit of B.Sc. (Hons.) Agriculture students to Krishi Utpadan Mandi Samiti Saharanpur on October 24th, 2018. Around 27 students participated in this visit. The objective of Mandi visit was to acquaint the students to structure and function of Mandi system. It was started with the discussion with Mr. Anurag Singh, Assistant Manager, Mandi Samiti Saharanpur. He discussed about the weighing procedure of different agriculture commodities with students. Then we went to the food grain section of Mandi where students saw the live process of Auction of rice with the help of a commission agent. Team of Mr. Anurag take us to different sections of Mandi like food grain section, vegetable and fruit section, Godowns etc. Students also visit the mango pack house plant. A healthy discussion for about one hour was conducted among the students.

The extension visit to Krishi Utpadan Mandi Samiti Saharanpur provides valuable insights into the various ways the agricultural market committee contributes to environment promotion and sustainability. By fostering organic farming, implementing waste management strategies, promoting water conservation, integrating renewable energy, supporting agroecology, advocating sustainable packaging, implementing green infrastructure and conducting awareness programs, the committee plays a significant role in advancing sustainable agriculture and protecting the environment. These efforts are crucial in ensuring the long-term viability of agricultural practices and safeguarding natural resources for future generations.



Visit to Krishi Utpadan Mandi Samiti Saharanpur

4. Visit to Food Processing Unit, Saharanpur-16/11/2018

The food processing industry plays a vital role in meeting the global demand for processed and packaged food products. During a recent visit to a food processing unit, it became evident that this industry can significantly contribute to environmental promotion and sustainability through various practices and initiatives.

Around 55 B.Sc. Agriculture students were taken to company garden in Saharanpur to know about food processing. Mr. Madhuri Chaudhary gave information about how to select raw materials



Visit to Food Processing Unit, Saharanpur

for food processing like Jam, Jelly etc., Mr. Arun Kumar ji provided information about preservation of food and usage of natural products for preservation. Different equipment's used in food processing were exhibited to students. They gave information on different training programs organized by their department beneficial for public.

The visit to the food processing unit exemplified how this industry can play a pivotal role in environmental promotion and sustainability. Through waste management, energy efficiency, sustainable sourcing, water conservation, packaging innovation, and community outreach, the unit demonstrated its commitment to reducing its environmental impact. By adopting and promoting such practices across the food processing industry, we can collectively work towards a more sustainable and greener future.



Visit the Food Processing Unit, Saharanpur

5. Tree Plantation Drive, Jaysingha and Badkala Villages- 18/11/2018

Department of Agricultural studies in association with Pahal Social club organized a Plantation drive in Jaysingha and Badkala villages led by Mr. Mitendra Arya on 18th November 2018, of Plantation with Gram Sarpanch & Village Children. Tree plantation drives are important initiatives for environmental conservation and sustainability. During the drive, 28 students and other participants typically came together to plant trees in designated areas of the villages. This activity helps to increase green cover, combat climate change, and promote biodiversity.

Tree plantation drives are integral to environmental promotion and sustainability efforts. By recognizing the numerous benefits of trees and actively participating in such initiatives, individuals, communities, and organizations can contribute to a greener and more sustainable future for generations to come.



Tree Plantation Drive, Jaysingha and Badkala Villages

6. Installation of solar lights in Badkala villages-21/11/2018

Department of Agricultural studies in association with Pahal Social club actively Installed solar lights in villages. The Pahal members successfully installed 30 streetlights in Badkala Village under the supervision of Mr. Mitendra Arya. The rural children and villagers expressed gratitude towards the Pahal members for this solar project in their village.

The establishment of solar lights in the Badkala villages has been a milestone achievement, bringing light and hope to the lives of the villagers. This exemplary project showcases the positive impact of sustainable energy practices and community-driven initiatives. The endeavor serves as an inspiration for other regions to adopt renewable energy solutions and work towards a brighter and greener future.



Installation of Solar lights in Badkala villages

7. Radio talk on Keep clean your village- Jaysingha village, Uttarakhand- 16/12/2018

Department of Agricultural studies in association with Pahal Social club organized an activity of cleaning up your village on 16th December 2018 in Jaysingha village under the supervision of Mr. Mitendra Arya for the purpose of educating the village children and giving them awareness of hygiene and cleanliness. Around 27 students of B.Sc. (Hons) in Agriculture participated in this radio talk. The purpose of this radio talk was to motivate each villager to take personal responsibility for keeping their surroundings clean. By disposing of waste properly and avoiding littering, we can collectively make a difference. Villagers were asked to embrace sustainable practices such as composting and reducing plastic usage.



Educating the village children and giving them awareness of hygiene and cleanliness

8. Extension Visit to Nursery, Chhutmalpur, Saharanpur,U.P. -09/02/2019

On the 9th of February 2019, the 1st year B.Sc. Agriculture students from Quantum University went on an extension visit to a nursery located in Chhutmalpur, Saharanpur, Uttar Pradesh. The visit was supervised by Mr. Mohit. The purpose of the visit was to provide the students with practical exposure to nursery management techniques and the propagation of agricultural plants. This report aims to summarize the observations and findings from the extension visit.

The extension visits to the nursery in Chhutmalpur proved to be an enriching experience for the 1st year B.Sc. Agriculture students. Around 27 students participated in the visit. It provided practical exposure to nursery management techniques and plant propagation methods. The visit enhanced understanding of the principles and practices involved in the production and care of agricultural seedlings. By supporting nurseries and actively participating in extension visits, students can contribute to a greener, healthier, and more sustainable environment, ensuring a better future for generations to come.



Extension Visit to Nursery

9. BJMC Students' Outdoor Visit to Saharanpur -15/04/2019

On the 15th of April 2019, the 1st year BJMC (Bachelor of Journalism and Mass Communication) students were on an outdoor visit to Saharanpur. The purpose of the visit was to provide the students with practical exposure to the field of journalism and mass communication along with site seeing. The outdoor visit to Saharanpur proved to be an enriching experience for the 1st year BJMC students. It provided practical exposure to the field of journalism and mass communication and allowed students to witness the functioning of media organizations and interact with industry professionals. The visit enhanced understanding of the role of media in the community and the skills required in the field of



Visit of BJMC Students to Saharanpur

journalism. By witnessing environmental challenges and success stories firsthand, students can develop a deeper understanding of the importance of sustainability. Armed with media skills, these future journalists can raise awareness, promote eco-friendly practices, and advocate for positive change, playing a crucial role in advancing environmental conservation and sustainability efforts.