



Clean and Green Campus Initiatives

Academic Session: 2021-22



Registrar
Quantum University

S. No	Department	Title	Venue/ Key Person	Affiliation	Date	No of Students
01.	Department of Agricultural Studies	"Tree Plantation Day": Promoting Environmental Sustainability	Quantum University, Roorkee/ Dr. Avinash Varma and Mr. Pradeep Kumar	Quantum University, Roorkee	20/10/2021	30
02.	Department of Agricultural Studies	Kisan Goshti	Quantum University, Roorkee/ Dr Gaurav Aggarwal	Quantum University, Roorkee	23/12/2021	200
03.	Department of Agricultural Studies	National Cleanliness Day	Quantum University, Roorkee/ Dr. Aditya Lama and Dr. Meghana Singh	Quantum University, Roorkee	31/01/2022	24
04.	Department of Agricultural Studies	National Workshop on "Sustainable Utilization of Agricultural Resources"	Quantum University, Roorkee/ Dr Gaurav Aggarwal	Quantum University, Roorkee	13/03/2022	128
05.	Department of Business Administration	Refuse, Reuse, Reduce & Recycle of Solid Waste: Promoting Environmental Sustainability	Quantum University, Roorkee/ Mrs. Shalini Verma	Quantum University, Roorkee	09/05/2022	90
06.	Department of Agricultural Studies	Harela Festival Celebration	Quantum University, Roorkee/ Dr. Gaurav Aggarwal	Quantum University, Roorkee	15/07/2022	04



Registrar
Quantum University

1. "Tree Plantation Day": Promoting Environmental Sustainability, Quantum University Campus- 20/10/2021

The Department of Agricultural Studies organized "Tree Plantation Day" on 20th October 2021 at Quantum University, Roorkee as a part of NSS activity with the aim of promoting environmental conservation and sustainability. It raises awareness among students, faculty, and the local community about the importance of trees, environmental conservation, and sustainability. By educating individuals about their role in preserving the environment, the department empowers them to become responsible stewards of nature.

On this Occasion Prof. Vivek Kumar, Hon'ble Vice Chancellor, Quantum University, Dr. Manish, Registrar, Quantum University, Prof. Gulshan Chauhan, Director, Department of Computer Science & Engineering, **Dr. Gaurav Agarwal**, Head of the Department, Department of Agricultural Studies, Dr. Avinash Varma, Assistant Professor, Department of Agricultural Studies, Mr. Pradeep Kumar, Assistant Professor, Department of Agricultural Studies and all the faculties of Agricultural Studies planted tree as plantation drive to keep campus green. Around 30 students of B.sc (Hons) in Agriculture participated and got benefitted.

The main purpose of celebrating this day is to encourage awareness among students about the importance of trees in our life. Planting more trees will contribute to global reforestation efforts, restoring lost forests, repairing damaged ecosystems and mitigating climate changes.



Tree Plantation Day, Quantum University Campus

2. Kisan Goshti, Quantum University, Roorkee-23/12/2021

A Kisan Goshti was organized by Department of Agricultural Studies in collaboration with Sankalp Uthan Ka on the occasion of Kisan Diwas (23rd December 2021) to celebrate the Birth anniversary of our 5th Prime Minister of India and farmer leader Choudhary Charan Singh.

In this occasion Prof. Vivek Kumar, Vice Chancellor, Major General Sanjay Sharma, Pro-Vice Chancellor, Director's Prof. Gulshan Chauhan and Prof Brijesh Kumar Yadav and Registrar Dr, Manish were present and throw light on latest development of Agricultural Technology and how Agricultural Graduates can help farmers to access these technologies. The welcome address was given by Dr. Gaurav Aggarwal, HOD, Department of Agricultural Studies and he explained how the farmers can benefited by different Agricultural technologies and role of students in transferring the latest technologies to farmer's field, so that farmers income increases per unit cultivated area.

In technical session, Dr. Anjay Bisht, Dr. Aditya Lama, Mr. Naveen Chandra Bahuguna and Mr. Pradeep Kumar Verma presented on the topic natural farming, different agricultural apps for farmers, nursery preparation and insect pest and diseases of cole crops and their management, respectively. Around 200 students of B.sc (Hons) in Agricultural Studies attended the event.

The ongoing commitment of farmers to sustainable agriculture through Kisan Goshti paves the way for a greener and more sustainable future for agriculture and the environment as a whole.



Kisan Gosthi organized by Department of Agricultural Studies in collaboration with Sankalp Uthan Ka on the occasion of Kisan Diwas

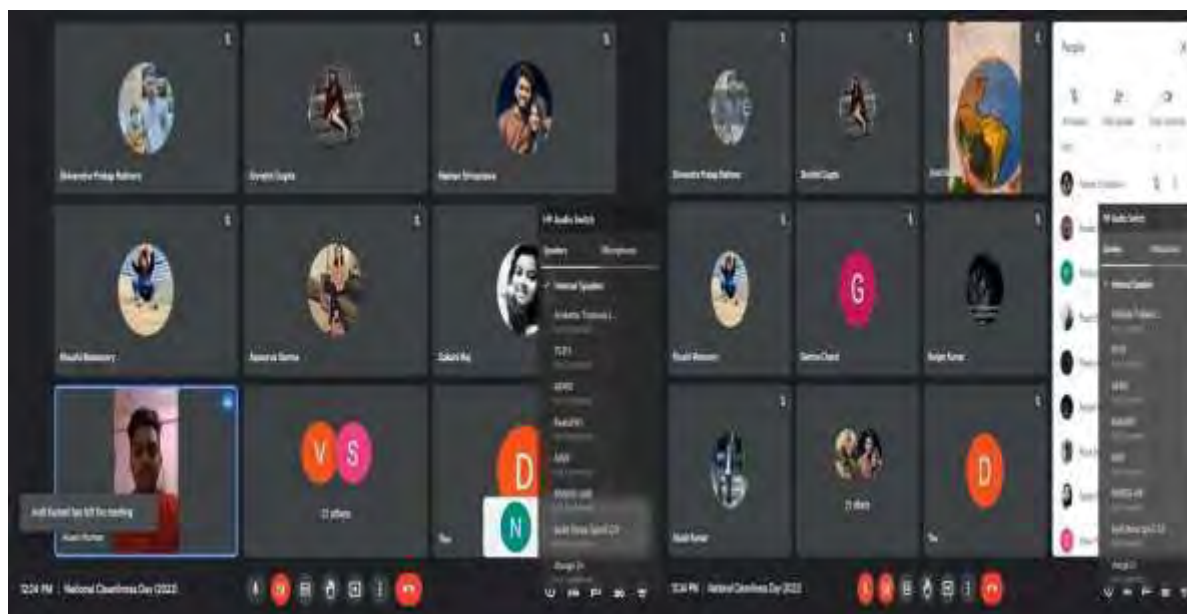
3. National Cleanliness Day, Quantum University, Roorkee-31/01/2022

The Department of Agricultural Studies on 31st January 2022 organized the National Cleanliness Day, an initiative aimed at promoting environmental awareness and sustainability. On this day an oral and poster presentation was conducted for the students at Quantum University under the supervision of Dr. Aditya Lama and Dr. Meghana Singh.

At least 24 students have participated in the competition out of which 11 students have taken participation in oral presentation and the remaining 13 students have given poster presentation. The theme of the day was “Swaccha Bharat Harit Bharat.”

The National Cleanliness Day organized by the Department of Agricultural Studies effectively connected to environment promotion and sustainability through waste management, conservation of natural resources, preservation of biodiversity, education and awareness, and community engagement.

By focusing on these aspects, the event contributed to creating a more environmentally conscious society. Such initiatives play a crucial role in fostering sustainable development and ensuring a healthier planet for future generations.



Online oral and poster presentation on the occasion of National Cleanliness Day

4. National workshop on “Sustainable Utilization of Agricultural Resources” 11-13 March, 2022

Department of Agricultural studies, Quantum University, Roorkee organizes 3 days National Workshop on "Sustainable Utilization of Agricultural Resources" was organized with the objective of promoting environmental sustainability in the agricultural sector from 11th March 2022 to 13th March 2022 in collaboration with Just Agriculture in virtual mode under the aegis of Institution's Innovation Council, India. The Workshop was led by Dr. Gaurav Aggarwal, Head of Department, Department of Agricultural Studies and was attended by 128 students of B.sc (Hons) in Agricultural Studies.

The workshop aimed to bring together stakeholders from various fields to discuss and explore strategies for the sustainable utilization of agricultural resources. The scope of this workshop covered the following topics: interaction between agriculture and environment (including the social and economic aspects), biology and agriculture, sustainable development, tropical agriculture, biodiversity, biotechnology, horticulture, plants, animal production, climate change, water management, soil conservation, integrated agriculture management, hydraulic structure, food security, COVID-19 and Sustainable Agriculture Issues and other related agriculture and environment issues.

The National Workshop on Sustainable Utilization of Agricultural Resources served as a crucial platform for promoting environment promotion and sustainability in agriculture. The collective efforts of participants will contribute to building a greener and more sustainable future for agriculture and the environment.



National workshop on Sustainable Utilization of Agricultural Resources



National workshop on Sustainable Utilization of Agricultural Resources

5. Refuse, Reuse, Reduce & Recycle of Solid Waste: Promoting Environmental Sustainability - 09/05/2022

Mrs. Shalini Verma, Assistant Professor, Department of Business Administration organized a Poster making competition in order to identify basic concepts of solid waste management, beginning from source generation to waste disposal in a system of municipality organizational structure on 9th May 2022. Analyze that waste management procedures are carried out with regularity. Observe that fewer waste materials go to the general waste stream.

The management of solid waste is a critical aspect of environmental promotion and sustainability. This report explores the interconnectedness between the principles of refuse, reuse, reduce, and recycle (4Rs) and their contribution to environmental preservation.

The implementation of the refuse, reuses, reduce, and recycle principles for solid waste management is pivotal to environmental promotion and sustainability. By adopting these practices, we can conserve natural resources, reduce pollution, mitigate climate change, and foster the transition to a circular economy. Around 90 students participated in the competition.

Governments, industries, communities, and individuals must work together to promote and prioritize the 4Rs to create a sustainable and resilient future. Illustrate that reducing and eliminating adverse impacts of waste materials on human health and the environment to support economic development and superior quality of life.

Relate and observe the contents of the waste, its nature, biodegradability and possible ways of making it harmless before disposal.



Collage-making competition on Refuse, Reuse, Reduce & Recycle of Solid Waste



Collage-making competition on Refuse, Reuse, Reduce & Recycle of Solid Waste

6. Celebration of Harela Festival at Quantum University Campus - 16/07/2022

Department of Agricultural Studies, Quantum University, Roorkee, celebrated Harela Festival by planting trees in the campus on 16th July, 2022. On this Occasion Prof. Vivek Kumar (Vice Chancellor), Quantum University, Roorkee are invited as Chief Guest to grace the Occasion. The event was led by Dr. Gaurav Aggarwal, HOD, Department of Agricultural Studies.

Other dignitaries of the University, Prof. Amit Dixit (COE), Dr. S. S. Shikawat (Registrar), Dr Manish Sharma (Director, QST), Dr Satender Kumar (Dean Academics), Heads of various department and faculty members show their presence to grace the occasion and participated in the drive enthusiastically.

Prof. Vivek Kumar (Vice Chancellor), Quantum University, Roorkee supported the tree sapling plantation drive and motivated the faculty members to take care of the saplings so that they grow into healthy trees. All the dignitaries and faculty members planted the sampling and took the oath.



Tree Plantation on the Occasion of Harela festival



Tree Plantation on the Occasion of Harela festival