

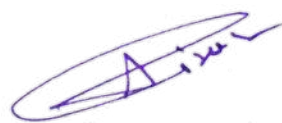
GREEN CAMPUS INITIATIVES

Criteria 7.1.5



INDEX

CONTENT	PAGE NO
1. ABOUT: QUANTUM UNIVERSITY GREEN CAMPUS INITIATIVES	2
2. RESTRICTED ENTRY OF VEHICLES	4
3. PEDESTRIAN-FRIENDLY PATHWAYS	6
4. BAN ON USE OF PLASTIC	11
5. HARMONY IN GREEN: SUSTAINABLY CULTIVATING A PLASTIC-FREE, ORGANIC OASIS	14
6. LANDSCAPING WITH TREES AND PLANTS	18


Registrar
Quantum University

ABOUT: QUANTUM UNIVERSITY GREEN CAMPUS INITIATIVES

QUANTUM University prioritizes greenery on its campus and values sustainability. The location near Haridwar and Dehradun, combined with the serene atmosphere, must create a beautiful and conducive learning environment. The specific address, NH73, 22 Milestone Mandawar Village, Bhagwanpur, in Uttarakhand, adds a sense of place to the campus.

The extensive land area of 46391.018 Sq.mt. with a dedicated green pocket of 5069.33 Sq.mt. indicates a commitment to preserving natural spaces within the campus. The presence of three grounds, an organic farm, and gardens, including a herbal garden, adds diversity to the landscape and provides students with opportunities to connect with nature.

The mention of a campus nursery and a hydroponic project showcases a forward-thinking approach to environmental sustainability. These initiatives contribute significantly to the "Go Green" efforts, promoting eco-friendly practices and emphasizing the importance of environmental consciousness.

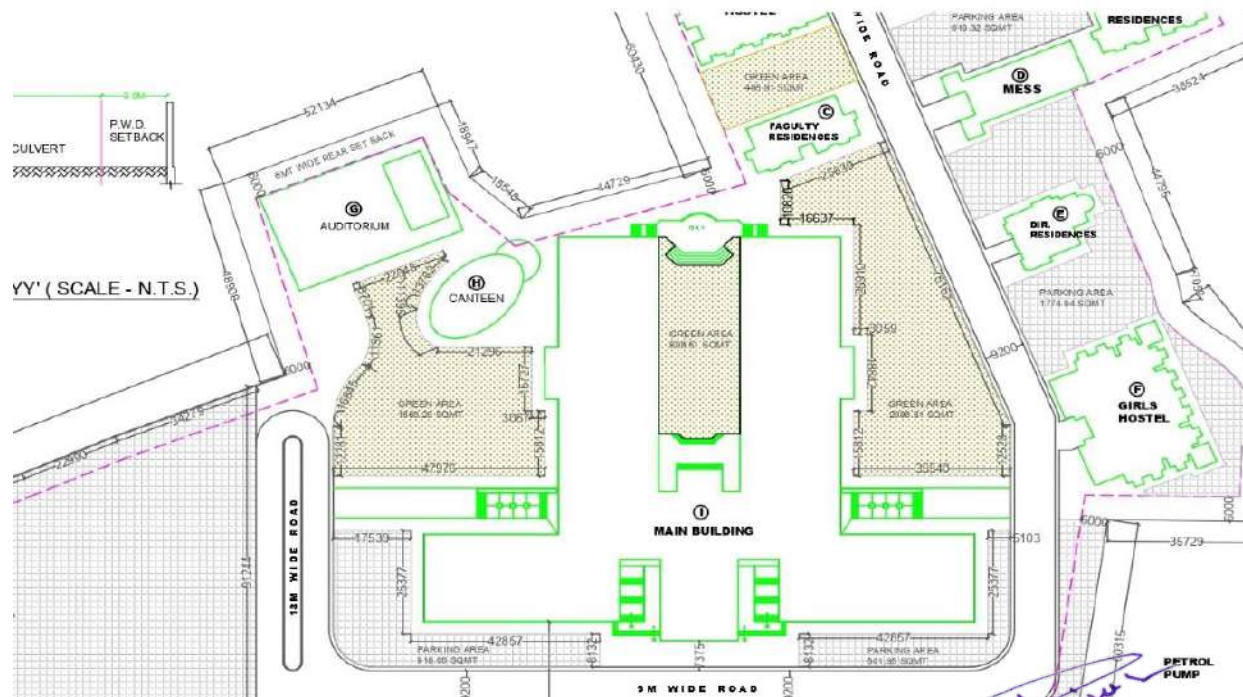


Image of Greenway of Quantum University

Registrar
Quantum University



Quantum University understands the importance of a sustainable and eco-friendly campus, providing students not only with academic opportunities but also with a holistic learning experience that includes a connection to nature. Such initiatives contribute positively not only to the campus community but also to the broader environmental conservation efforts.


Registrar
Quantum University

RESTRICTED ENTRY OF VEHICLES

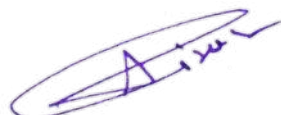
It's commendable to see QUANTUM University taking proactive measures to reduce the environmental impact associated with transportation. The restriction on the movement of automobile vehicles inside the campus, along with the directive for staff to use designated parking places, reflects a commitment to creating a sustainable and pedestrian-friendly environment.

Encouraging the majority of students and staff to utilize university bus facilities is a positive step toward minimizing the carbon footprint of the community. Offering free bus services to faculty members and providing other common transport facilities not only promotes eco-friendly transportation but also fosters a sense of community and shared responsibility.

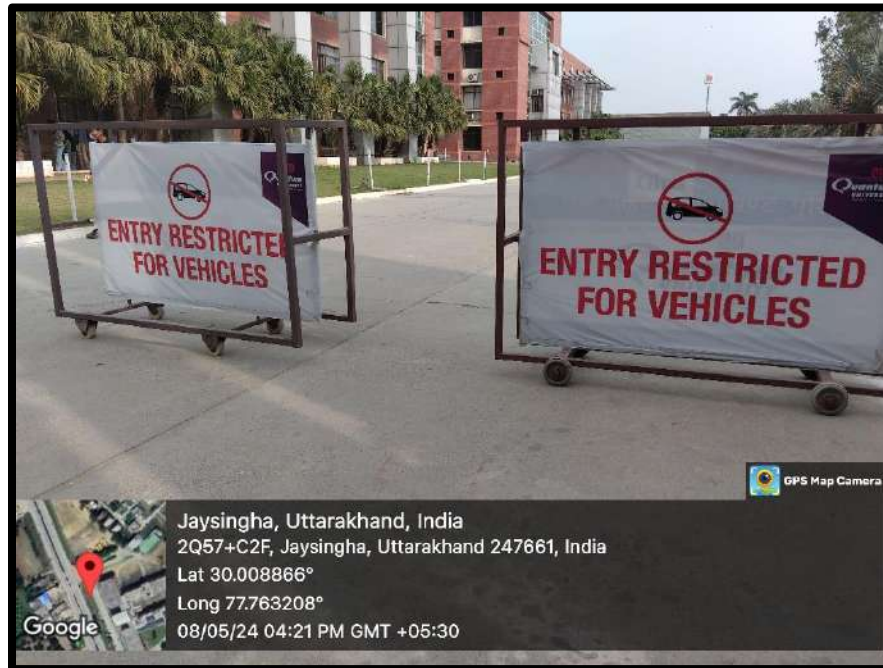
The decision to disallow students from keeping vehicles inside the campus helps in reducing congestion and promoting a cleaner and safer campus environment. Furthermore, restricting outside vehicles beyond specific parking areas near the main gate contributes to effective traffic management and enhances the overall campus experience.

The provision for allowing government vehicles with prior intimation indicates a practical approach, recognizing the needs of official and law enforcement authorities while still maintaining control over vehicular access.

These transportation policies align with sustainable practices, promoting a greener campus and reducing the carbon footprint. They also contribute to creating a healthier and more environmentally conscious community within the university.


Registrar
Quantum University

Brigades For Restricting of Vehicles




Registrar
Quantum University



PEDESTRIAN-FRIENDLY PATHWAYS

The emphasis on well-connected pedestrian pathways within the university campus demonstrates a thoughtful approach to creating a conducive and sustainable environment. The integration of pathways connecting the main gate to all campus buildings, including academic complexes, hostels, library, and canteens, ensures ease of movement for all stakeholders.

The frequent use of these pathways by all stakeholders, including students, faculty, and staff, suggests that the design and accessibility are well-received and effectively serve the needs of the university community. Such pedestrian-friendly infrastructure not only encourages a healthier lifestyle but also fosters a sense of community and interaction among the members of the university.

Presenting the Images of Pedestrian friendly Pathways



Registrar
Quantum University





Image of Pedestrian Friendly Pathway at Academic Block B



Registrar
Quantum University





Image of Pedestrian Friendly Pathway in front of Q-Café



Registrar
Quantum University





Image of Pedestrian Friendly Pathway Near B & F Block



Registrar
Quantum University



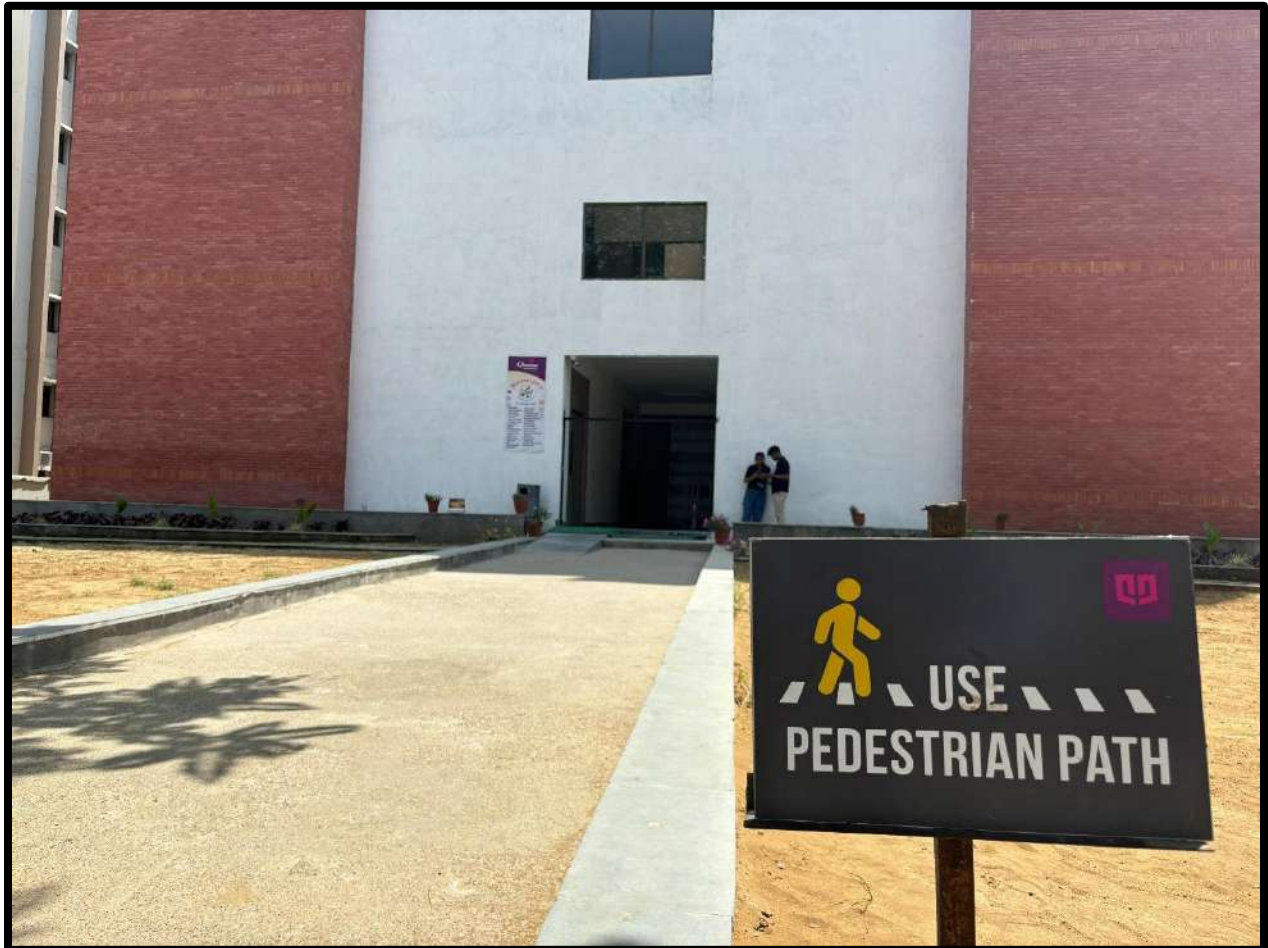


Image of Pedestrian Friendly Pathway Near F Block

The combination of well-connected, green pathways reflects a commitment to sustainability, aesthetics, and the well-being of the university community. It contributes to creating a harmonious and eco-friendly campus environment.


Registrar
Quantum University

BAN ON USE OF PLASTIC

Quantum University taking a strong stance on environmental conservation by implementing a "Plastic-Free World" policy within the campus. The strict prohibition of plastic use for all stakeholders, including students, shopkeepers, faculty, and staff, sends a clear message about the commitment to sustainability.

Having vigilant security at the main gate to prevent the entry of plastics and polythene bags into the campus demonstrates a proactive approach to enforcing the policy. By actively monitoring and restricting the use of plastics, the university is taking a significant step towards reducing plastic pollution and fostering an eco-friendlier environment.

The initiative to encourage students and staff to convert their old clothes into carry bags is a creative and practical solution to promote reusable and sustainable alternatives. This not only reduces the reliance on single-use plastics but also encourages a culture of resourcefulness and waste reduction.

Conducting periodic awareness programs and workshops further reinforces the commitment to making the plastic-free policy a part of everyday life. By educating the university community about the environmental impact of plastic and providing alternatives, the university is fostering a sense of responsibility and collective action toward a greener and cleaner campus.


Registrar
Quantum University

Image of No Plastic Display at Academic Block B



Registrar
Quantum University





Image of No Plastic Display in front of Academic Block A

These initiatives contribute not only to the immediate goal of reducing plastic usage within the university but also to the broader global effort to create a more sustainable and environmentally conscious world. They showcase the university's commitment to being a responsible institution and nurturing a culture of environmental stewardship among its stakeholders.


Registrar
Quantum University

HARMONY IN GREEN: SUSTAINABLY CULTIVATING A PLASTIC-FREE, ORGANIC OASIS

The incorporation of organic farming principles into the campus environment, aligning with the interconnectedness of all elements in a living organism. The emphasis on using agronomic, biological, and mechanical methods based on natural ecosystems showcases a commitment to sustainable and environmentally friendly agricultural practices.

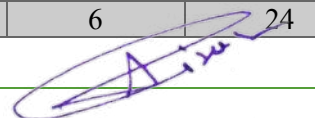
The establishment of on-farm demonstration and research plots for studying soil and crop management practices is a valuable initiative. Such plots provide a practical and hands-on approach for farmers, extension personnel, industry representatives, and researchers to explore and compare various agricultural methods. This approach facilitates the exchange of knowledge and the dissemination of best practices in organic agriculture.

The specific mention of comparing differences in tillage methods, herbicide treatments, varieties or hybrids, fertilizer sources or rates, and methods of chemical application indicates a comprehensive and scientific approach to optimizing crop production while minimizing environmental impact.

The campus's humble venture into organic farming, covering an area of approximately 17423 sq. ft., is commendable. The utilization of the produce in the hostels' kitchens promotes a closed-loop system, where food is grown on-site and directly contributes to the sustenance of the community. This not only reduces the carbon footprint associated with food transportation but also ensures fresher and healthier produce for the residents.

Table : Details of crop produce in Kg								
S.No.	Crop	2018	2019	2020	2021	2022	2023	Grand Total
1	Beet root	2	-	-	3	4	-	9
2	Bitter Gourd	3	-	-	-	1	-	4
3	Bottle Gourd	4	5	3	4	4	5	25
4	Brinjal	3	4	2	4	5	6	24




 Registrar
 Quantum University

5	Broccoli	2	2	1	3	3	4	15
6	Capsicum	1	-	-	2	2	-	5
7	Carrot	2	5	4	4	5	8	28
8	Cauliflower	2	3	3	2	5	10	25
9	Cherri Tomotto	5	4	3	5	6	-	23
10	Chilli	1	2	2	3	3	-	11
11	Coriander	2	3	4	4	5	6	24
12	Cucumber	2	1	2	4	2	-	11
13	Garlic	1	2	1	2	-	-	6
15	Green Chilli	2	3	1	3	3	-	12
16	Methi	2	3	3	2	3	3	16
17	Mustard	1	3	2	1	2	3	12
18	Onion	1	2	2	1	2	-	8
19	Pea	1	1	2	1	-	-	5
20	Potatao	7	9	8	10	-	20	54
21	Pumpkin	2	1	3	4	4	2	16
22	Radish	5	6	5	7	3	4	30
23	Cabbage	5	4	5	6	5	-	25
24	Spinach	5	5	6	5	6	8	35
25	Sponge Gourd	1	3	3	4	4	-	15
26	Tomato	4	1	5	3	2	-	15
Grand Total		66	72	70	87	79	79	453

It would be interesting to know more about the specific produce from the farm and how it contributes to the sustainability goals of the campus. Additionally, sharing the results and lessons learned from the on-farm demonstration and research plots could further enhance knowledge sharing within the campus community and beyond.



Registrar
Quantum University



Presenting Images of Organic Farming & Herbal Garden



Image of Green House Nursery in Quantum University



Registrar
Quantum University



Overall, this initiative reflects a holistic and thoughtful approach to sustainable agriculture within the university campus.


Registrar
Quantum University

LANDSCAPING WITH TREES AND PLANTS

"Diverse Flora Flourishes: A Green Symphony at Quantum University Campus"

QUANTUM University stands as a testament to its commitment to environmental stewardship and biodiversity, cultivating lush greenery across its campuses. The diverse array of plant species, including six Royal Palms, four Golden Palms, and a symphony of others, totaling over 200 trees, creates a vibrant and visually captivating landscape. Beyond mere aesthetics, the university's green cover extends to orchards, rose gardens, medicinal plant gardens, and even a butterfly park, showcasing a dedication to fostering biodiversity. Several campuses boast agricultural and horticultural fields, along with green forest covers, highlighting a harmonious blend of nature and education.

Noteworthy species such as the iconic Mango tree, elegant Gulmohar, and the majestic Silver Bismark Palm find a home within these green havens. This conscientious effort to maintain a diverse and thriving ecosystem aligns with the university's ethos of sustainable living. It goes beyond ornamental landscaping, embodying a holistic approach that supports both the educational mission and the well-being of the university community. Through this botanical tapestry, QUANTUM University not only educates minds but also nurtures a living environment that inspires and sustains life.


Registrar
Quantum University

Presenting The Green Eco System At Quantum University



Image of Tree-lined green lawn beside Q- Café



Image of Tree-lined pathway in front of Boys Hostel


Registrar
Quantum University



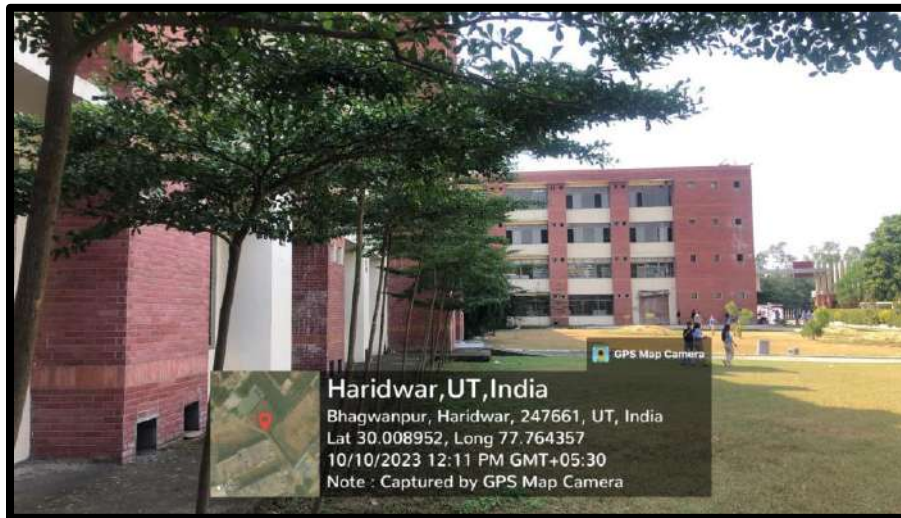


Image of Tree-lined green lawn beside A Block



Image of Tree-lined green lawn beside C Block

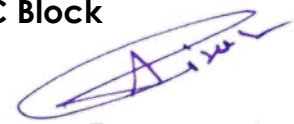

Registrar
Quantum University





Image of Tree-lined pathway in front of Academic Block B



Image of Tree-lined pathway in front of Main Gate



Registrar
Quantum University



"Quantum University's commitment to sustainability is a living testament to the profound truth expressed by **Mahatma Gandhi: 'Be the change that you wish to see in the world.'**

The green campus initiatives, from organic farming to banning plastic, embody the spirit of positive transformation that starts at the individual and institutional level. It echoes the sentiment that each action, no matter how small, contributes to a larger, collective impact on our planet.

X-X-X


Registrar
Quantum University