

**Report
on
Students' Attributes
as
Facilitated
by
Quantum University**

**Prepared
by
the Dean Student Welfare**

**submitted
to**

**The Vice Chancellor
Quantum University, Roorkee**



**Registrar
Quantum University**

Introduction:

Quantum University is committed to nurturing well-rounded individuals who are not only academically proficient but also possess a diverse range of attributes essential for personal and professional success in the modern world. Our institution imparts undergraduate, postgraduate, and research programs across various disciplines including Engineering, Business Administration, Commerce & Finance, Agriculture, Media & Journalism, Health Science, Hotel Management, Sciences, and Humanities. The cornerstone of our educational philosophy lies in manifesting a holistic development approach through a well-defined Code of Conduct monitored by a dedicated committee.

Attributes Facilitated by Quantum University:

1. Knowledge Enhancement:

Quantum University places a strong emphasis on academic excellence and provides a conducive environment for students to expand their knowledge base through rigorous coursework, practical training, and research opportunities. For instance, in our Engineering programs, students engage in hands-on projects such as building prototypes and applications for Cyber Security, AI, Data Analytics, Business Solutions, enhancing their understanding of theoretical concepts through practical application. Recently, two students of third year B.Tech. CSE-Cyber Security is selected as team members for Government of India Initiative for **Cyber Security Mission** by **Tata Consultancy Services**. There are many such examples in most of the programs where students have performed pretty well on national level platforms. More a dozen student technical clubs and societies help in achieving peer group learning.

2. Employability:

Our curriculum is designed in collaboration with industry and their experts to ensure that students acquire the necessary skills and knowledge demanded by the job market, thus enhancing their employability prospects. Through partnerships with leading companies like Xebia and Quick heal etc, students in our CSE programs participate in internships and industry placements, gaining valuable real-world experience and increasing their employability. Similar kinds of OJTs and Internships are available in all program. Careful planning and their systematic execution has made it possible.

3. Leadership Skills:

Through various extracurricular activities, workshops, and seminars, Quantum University nurtures leadership qualities among students, empowering them to take on leadership roles and responsibilities both within the campus and in the broader community.

An example of this can be seen in our student-led initiatives such as organizing community service events, Technical and Cultural fest, workshops on national and global issue demonstrating their ability to inspire and mobilize others towards a common goal.

4. Human Values:

We instill in our students a sense of ethics, empathy, and respect for diversity, thereby developing an environment of mutual understanding and cooperation. Through activities like community service project, like Pahal and UBA, students learn the importance of empathy and compassion, developing a strong sense of social responsibility.

5. Ethical and Moral Values:

Upholding ethical standards is paramount at Quantum University, and students are encouraged to uphold principles of honesty, integrity, and accountability in all their endeavors. For instance in our Commerce & Finance program, students engage in case studies and discussions on ethical dilemmas in business, honing their decision-making skills while upholding ethical standards.

6. Physical, Mental, and Spiritual Health:

Recognizing the importance of holistic well-being, we offer various programs and facilities aimed at promoting physical fitness, mental wellness, and spiritual growth among students. Our passion program integrates sports, yoga sessions into the curriculum, promoting overall well-being and stress management among students. The department of Applied Science runs a nutrition based counseling center for ensuring expert advice for dietary conditions. Department of Humanities runs Mental counseling center.

7. Community Engagement:

Quantum University actively encourages students to engage with the local community through volunteer work, social initiatives, and outreach programs, thereby training a sense of social responsibility and civic engagement. Students in our Agriculture program collaborate with local farmers and agricultural cooperatives to implement sustainable farming practices, contributing to the welfare of the local community. Whereas, 'Pahal' a social club provides a platform for understanding the social and economic fibers of the villages. Since 2023, Community service is becoming essential part of curriculum as Value Added Course (VAC) for all undergraduate programs. The village immersion is sensitized by assigning them community based projects in many programs.

8. Environmental Sensitivity:

We are committed to environmental sustainability and promote awareness among students regarding environmental issues and conservation efforts through various initiatives and campaigns.

9. Entrepreneurial Skills:

Recognizing the significance of entrepreneurship in today's dynamic world, Quantum University provides opportunities for students to develop entrepreneurial skills through specialized courses, mentorship programs, and incubation centers. Through our Entrepreneurship Development Cell (QUIC), students receive mentorship and guidance to develop business plans and launch their own startups, establishing a culture of innovation and entrepreneurship. Furthermore, one of our minor specialization (*open for all*) is running successfully since 2018-19. In Agriculture department, students grow their crops and sell them in peer group. Many of fest, students runs their stalls to learn entrepreneur skills.

10. Research Ethics:

We adhere to the highest standards of research ethics and encourage students to conduct research with integrity, ensuring that their work contributes positively to the advancement of knowledge and society. In our Research Methodology courses, Dissertation and their reports at PG & Ph.D. program, students learn about the importance of integrity and transparency in research conduct, ensuring that their work adheres to ethical guidelines and standards.

11. Motivation:

Quantum University endeavors to inspire and motivate students to realize their full potential and pursue their aspirations with dedication and passion. Faculty members at Quantum University regularly organize motivational talks and workshops featuring successful alumni and industry leaders, inspiring students to set ambitious goals and pursue excellence.

12. Indian Heritage:

We take pride in our rich cultural heritage and incorporate elements of Indian culture, traditions, and values into our academic curriculum and campus life. The students in all undergraduate programs study Indian Knowledge Systems, gaining insights into the rich cultural heritage of India and its relevance in the contemporary world.

13. Sustainable Growth:

Quantum University is committed to sustainable development practices and equips students with the knowledge and skills to address pressing global challenges such as climate change, resource depletion, and social inequality. In collaboration with local NGOs, students in our Sustainable Development program undertake projects focused on promoting eco-friendly practices and addressing social issues such as poverty and inequality.

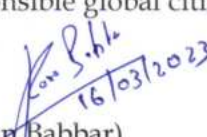
14. Local and Global Issues:

Our curriculum is designed to sensitize students to both local and global issues, encouraging critical thinking and proactive engagement in addressing societal challenges at various levels.

The Civil engineering trains students in Hill Infrastructure designs & applications. Para Medical Department promote local food. Through interdisciplinary seminars and conferences, students engage in discussions on pressing global issues such as climate change, human rights, and globalization, broadening their perspectives and manifesting a sense of global citizenship.

Conclusion:

In conclusion, Quantum University is dedicated to nurturing well-rounded individuals equipped with the attributes necessary for success in today's rapidly evolving world. Through our holistic approach to education and a comprehensive Code of Conduct, we strive to empower students to excel academically, contribute meaningfully to society, and become responsible global citizens.


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Dean Student Welfare

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Quantum University, Roorkee

Approve by


(Prof. Vivek Kumar)
Vice Chancellor

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Registrar
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