

QUANTUM UNIVERSITY



Student Centric Methods



Annual Report on Participative Learning Methodologies Academic Year (2022–2023)

ANNUAL REPORT
PARTICIPATIVE LEARNING
METHODOLOGIES



Academic Year (2022-2023)


Registrar
Quantum University

Participative Learning Methodologies

2022-2023

Participatory Learning stands as a cornerstone of our educational philosophy at our institution, embodying a dynamic process that goes beyond traditional teaching methods. It is a holistic approach that places students at the center of their learning journey, promoting engagement through a diverse range of activities such as seminars, group discussions, creative projects, and skill-based add-on courses.

This approach is carefully designed to transcend the passive acquisition of knowledge, aiming to instill in students a sense of active involvement in their educational pursuits. Through a combination of interactive sessions and collaborative projects, we provide a platform for students to not only absorb information but also to apply their specialized technical or management skills in practical scenarios.

Integrating participatory learning methodologies into our curriculum is instrumental in fostering an environment where students are not just recipients of knowledge but active contributors to their academic experience. By encouraging them to showcase their skills, whether in technical domains or management disciplines, we empower students to take ownership of their learning journey.

Participative Learning



- Technical Poster Presentation
- Webinar/Seminar/Colloquium
- Presentation
- Flip Classroom Teaching
- Role Play
- Participation in Club Activities
- Symposium Participation



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Event Report Seminar 2022-2023

1. Forwarding Life through Creative Thinking - 31/01/2022

In a transformative event titled "Forwarding Life through Creative Thinking," held on January 31, 2022, the Faculty of Business & Management orchestrated an enlightening webinar that left an indelible mark on the attendees. At the helm of this insightful session was Mr. Kedar Panda, an esteemed International Mind Coach, Author, and Entrepreneur based in Bangalore, who served as the Expert Resource, guiding participants towards the realm of creative thinking and entrepreneurship.

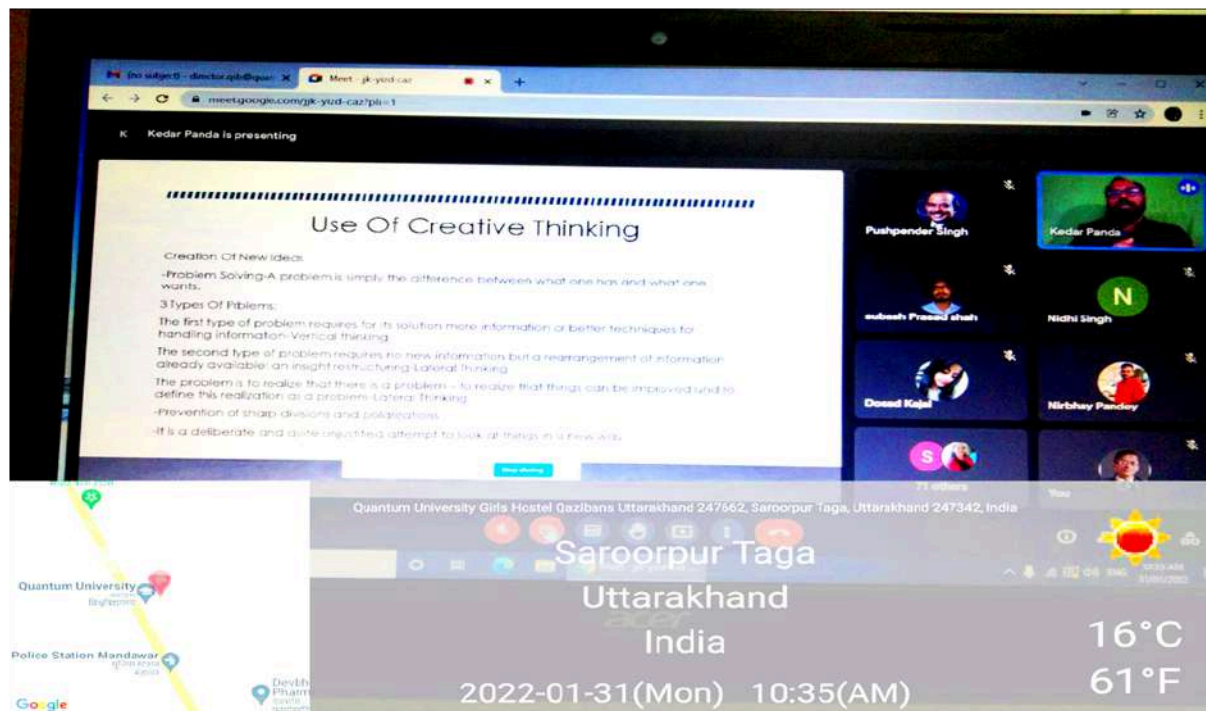
The event, meticulously coordinated by Mr. Pushpender Singh and Dr. Nirmesh Sharma, Associate Professors at the Faculty of Business & Management, drew an impressive gathering of nearly 100 eager participants. As the clock struck 10:00 AM, the virtual stage was set, commencing with an inaugural note by Dr. Nirmesh Sharma, accompanied by a captivating Saraswati Vandana dance, setting the tone for the intellectually stimulating session that followed.

The esteemed Director of Faculty of Business & Management, Dr. Brijendra Singh Yadav, extended a warm welcome to Mr. Kedar Panda, ushering in a session filled with profound insights and transformative ideas. Mr. Panda, with his wealth of knowledge and expertise, delved into the intricate nuances of critical thinking and entrepreneurship. He emphasized six pivotal critical thinking skills, urging participants to hone their abilities in identifying problems, conducting thorough research, recognizing biases, making informed inferences, determining relevance, and nurturing curiosity.

Throughout his discourse, Mr. Panda passionately highlighted the paramount importance of nurturing an entrepreneurial mindset among young individuals. He underscored the need for cultivating innovative thinking patterns, equipping the participants with the tools to navigate the complexities of the modern world.

The event, an immersive journey into the realms of creativity and entrepreneurship, not only inspired but also instilled a sense of purpose among the attendees. Mr. Kedar Panda's words

resonated, urging participants to embrace curiosity, question the norm, and think beyond boundaries.



Shot from the Webinar That Hosted Mr. Kedar Panda, an esteemed International Mind Coach, he took a session on the theme based on Forwarding Life through Creative Thinking

2. Privatization of Indian Railways & Corona Pandemic Period is an Opportunity for New Entrepreneurs. - 26/03/2022 to 30/03/2022

In a pioneering initiative that perfectly aligned with the evolving landscape of Indian Railways and the challenges posed by the coronavirus pandemic, the Faculty of Business & Management at Quantum University, Roorkee, embarked on a transformative journey from March 26 to March 30, 2022. This period was marked not only by the waves of change brought by the privatization of Indian Railways but also by the unprecedented opportunities that arose for new entrepreneurs amidst the coronavirus pandemic.

On March 30, 2022, the Faculty of Business & Management hosted its inaugural National Turncoat Competition, a groundbreaking event that welcomed students from schools, colleges, and universities across India. A total of 103 enthusiastic participants engaged in this intellectually stimulating competition, showcasing their prowess and innovative thinking.

The event kicked off with a warm welcome note, graciously delivered by Mr. Govind Singh, Assistant Professor at Faculty of Business & Management Of Business, alongside the dedicated student organizing committee members who set the stage for a memorable experience. The participants, filled with passion and zeal, presented their diverse viewpoints before the esteemed panel of judges, each perspective a testament to the depth of their understanding and creativity.

Amidst the spirited debates and eloquent arguments, the Hon'ble Director, Faculty of Business and Management of Business, Prof. (Dr.) Brijendra Singh Yadav graced the event with his presence and delivered a precious Valedictory Address. His words served as a beacon of motivation, inspiring participants to strive for excellence and put forth their best efforts in the competition.

The National Turncoat Competition was not just a platform for students to showcase their debating skills; it was a celebration of innovation, adaptability, and entrepreneurial spirit. The event captured the essence of the changing times, encouraging participants to seize the opportunities presented by the privatization of Indian Railways and the unique circumstances arising from the coronavirus pandemic.

As the curtains fell on this intellectually stimulating competition, the participants departed with newfound knowledge, heightened confidence, and a keen understanding of the entrepreneurial avenues that lie ahead. The event stood as a testament to commitment to fostering a spirit of innovation and empowering the next generation of entrepreneurs in the face of transformative changes.

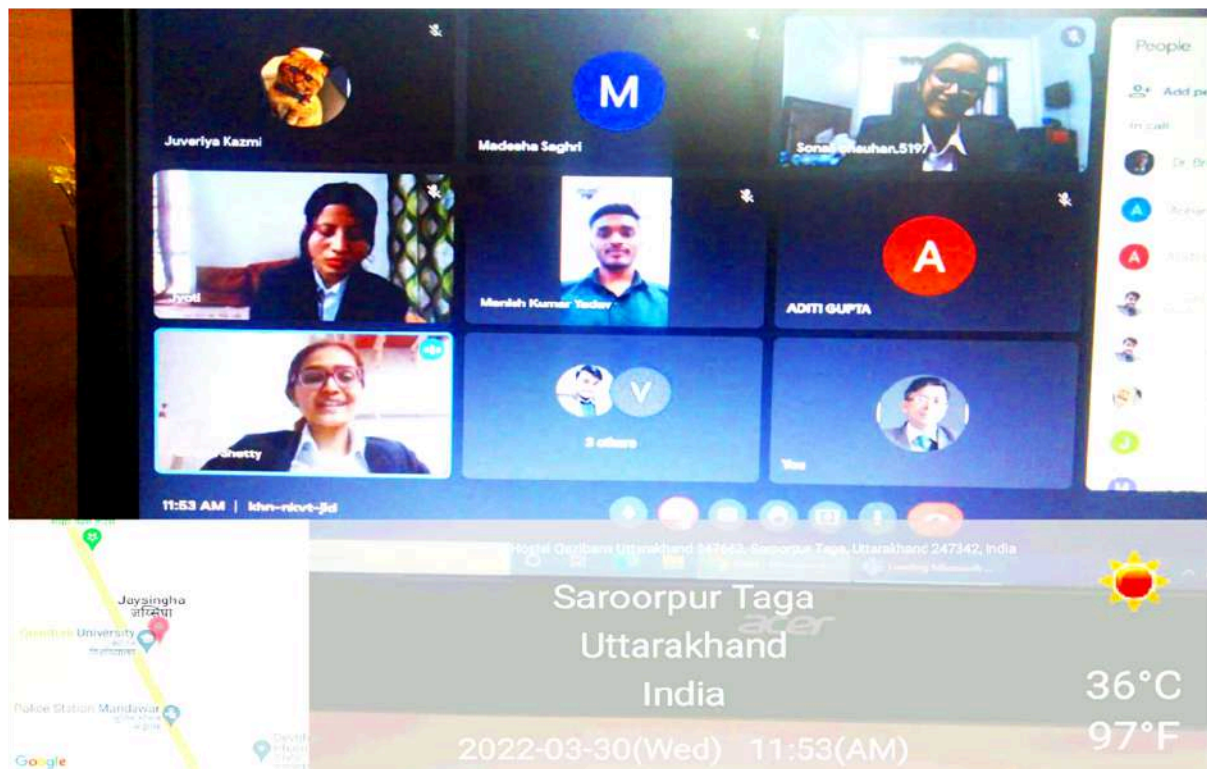


Image of Webinar on the landscape of Indian Railways and the challenges posed by the coronavirus pandemic that may give rise to new entrepreneurs

3. Students Presentation & Evaluation on Selling Tacts - 14/05/2022

In a remarkable display of talent and business acumen, the Faculty of Business & Management, a prestigious institution renowned for its innovative approach to business studies, conducted a compelling session on May 14, 2022. The event centered around student presentations and evaluations focusing on essential sales techniques, aptly titled "Selling Tact's". An enthusiastic participation from 25 students was witnessed who both enjoyed and learned from the presentations done by their peers.

The Faculty of Business & Management has emerged as a beacon of excellence in the field of business education, consistently securing its position as the No. 1 MBA College in Dehradun and Uttarakhand. Its reputation for academic prowess and strong industry connections have made it a preferred choice for aspiring business professionals across North India and Dehradun.

The session revolved around harnessing the power of effective presentations, emphasizing the pivotal role they play in fostering innovative ideas. Through creative and engaging slides, students showcased their speaking prowess and ability to captivate audiences. Utilizing presentation aids not only added intrigue to their talks but also bolstered their confidence, a crucial attribute in the professional arena.

The students embarked on a journey to master the art of public speaking, a universally valuable skill. They delved into the intricacies of preparing material for public presentation, honing their speaking abilities through practice and constructive feedback. Moreover, the session provided them with invaluable insights into the art of selling, equipping them with the expertise needed to handle product pitches and respond adeptly to clients' queries.

The focus of the class presentation was on sales force management techniques and the indispensable Selling Tact's vital for sales personnel. What made this session truly remarkable was its inclusivity; students of varying academic backgrounds, including average, above-average, and below-average performers, actively participated. This diverse engagement not only fostered a deeper understanding of the concepts and selling strategies but also encouraged collaborative learning.

In essence, the event underscored the Faculty of Business & Management's commitment to providing holistic education, equipping students with practical skills and knowledge that are directly applicable in the professional world. By nurturing their presentation abilities and sales acumen, the institution empowers its students to confidently navigate the competitive business landscape, ensuring they emerge as adept and successful professionals. This session was a testament to the Faculty of Business & Management's dedication to shaping the business leaders of tomorrow, instilling in them the confidence and skills needed to thrive in the dynamic world of commerce.



A Glimpse at the Presentation & Evaluation of Selling Tact's by a Business Student

4. An Interactive Session with Alumni - 30/07/2022

In an engaging and insightful session held on July 30, 2022, Quantum University facilitated an interactive dialogue between its MBA students and two esteemed alumni Mr. Saumay Sharma and Ms. Kalpana Rohela Sharma. This session was a part of the MBA Orientation Module and provided a unique opportunity for 27 students to gain valuable insights into the professional world through the lens of real-world experiences.

During the session, the alumni, who had carved successful careers as HR Recruiters in prominent MNCs, generously shared their wealth of knowledge about the intricacies of HR management in the industrial sector. Their discussion went beyond textbook theories, delving deep into the practical nuances of real industrial functioning. The alumni recounted their personal experiences at Quantum University, highlighting the significance of proactive involvement in university activities and initiatives.

The heart of this interactive session was the one-on-one discussions that took place between the alumni and the MBA students. These personalized interactions allowed students to seek guidance, ask questions, and glean insights from professionals who had walked the same halls and faced similar challenges. Through these conversations, the alumni not only shared their successes but also their challenges, creating a relatable narrative that resonated with the students.

The session served as a bridge between academia and industry, offering students a glimpse into the corporate world and preparing them for the challenges and opportunities that lay ahead. By tapping into the wealth of experiences shared by the alumni, students were inspired to take initiative and actively participate in university activities, understanding the vital role such engagements play in shaping their professional journeys.

In essence, this interactive session with alumni was not just a meeting; it was a transformative experience. It reinforced Quantum University's commitment to providing holistic education and integrating real-world perspectives into academic learning. As students left the session, they carried with them not only insights into HR management but also a newfound motivation to excel, armed with the knowledge that their alma mater stands as a beacon, guiding them toward a successful and fulfilling career path.



Post Felicitation Picture of MBA Alumni who visited the Campus for a Meet Up and Experience Sharing

5. Interaction with Alumni - 03/08/2022

In an enriching session held on August 3, 2022, Quantum University facilitated a meaningful interaction between its 27 participating MBA students and esteemed alumni, Mr. Rishabh Manager at Bajaj Finance. This session was a part of the MBA Orientation Module, designed to provide students with valuable insights and a holistic perspective on their educational journey.

Mr. Rishabh, armed with his rich and diverse learning experiences at Quantum University, served as a guiding light, illuminating the path to a future filled with holistic learning. Drawing upon his journey, he shared compelling real-life examples that underscored the unique advantages of pursuing an MBA at Quantum University over other institutions. Through vivid narratives, he highlighted the transformative power of engaging in projects, delivering presentations, delving into case studies, gaining industrial exposure, and immersing in simulation exercises. These experiences, he emphasized, are not just educational exercises; they are life-changing opportunities that mold students into well-rounded professionals.

The heart of Mr. Rishabh's discussion focused on the concept of experiential learning within an organization. With passion and insight, he explored the multifaceted facets of this approach, demonstrating its profound impact on personal and professional growth. Through real-world examples and practical advice, he illuminated the way forward for the students, offering them a roadmap to navigate their educational journey effectively.

This interaction with Mr. Rishabh was more than just a talk; it was a transformative experience for the MBA students. His words resonated, inspiring them to embrace the plethora of opportunities available to them at Quantum University. As they absorbed his wisdom, they gained a deeper understanding of the significance of experiential learning and how it shapes their futures.



Experience Sharing by Alumni during an Interactive Meet Up in the Campus

6. Entrepreneurship & Innovation - 20/08/2022

In a celebration of entrepreneurial spirit and innovative thinking, the Faculty of Business & Management, in collaboration with IIC, orchestrated a transformative webinar on August 20, 2022, in anticipation of World Entrepreneurship Day on August 21. Under the compelling theme 'Entrepreneurship & Innovation,' the event aimed to ignite the spark of creativity and business acumen among students and faculty alike.

The webinar featured a distinguished Guest Speaker, Mr. Uttam Kesri, the Managing Director of Palan-G Industries Pvt Ltd. With passion and candor, Mr. Kesri shared his entrepreneurial journey, offering invaluable insights into the world of business. He encouraged the present 119 students to break free from conventional thinking, urging them to explore innovative ideas and embrace the path less traveled.

The underlying motive behind this enlightening session was to nurture a deep understanding among students and faculty members about the fundamental principles of entrepreneurship. The event served as a beacon, guiding attendees on how to avoid common pitfalls, effectively pitch their ideas, validate products, and craft solid business models. In a realm where setbacks are commonplace, the session empowered participants to set themselves up for success.

The event was expertly coordinated by Dr. Nirmesh Sharma, the BBA Coordinator, and Ms. Shruti Rawat, Lecturer at the Faculty of Business & Management. Their dedication and meticulous planning ensured the seamless execution of the program, creating a conducive environment for learning and growth. A remarkable turnout of 119 participants attested to the event's significance and impact.

Commencing at 10:00 AM, the program kicked off with an inaugural note by Dr. Nirmesh Sharma, setting the stage for an enriching experience. Prof. Pushpender Singh, the MBA Coordinator, extended a warm welcome to Mr. Uttam Kesri, acknowledging his vast expertise in the industry. Mr. Kesri's motivational address resonated with the attendees, inspiring them to cultivate an entrepreneurial mindset.

He has shared his experiences with students and motivated them to be an Entrepreneur followed by essay competition among students. Team- warrior scores the first position in the Competition. After Lunch, the Session Continued with the guest speaker Mr Munishwar Nath Gulati, Founder and CEO of Silicon Media Infocomm, Ghaziabad. He has guided students about the technicality and requirements of starting a business. At the end, a Q&A session was also conducted to clarify the queries of the attendees. The event was concluded with a Vote of Thanks by Dr. Nirmesh Sharma. The event was a huge success.

The event reached its pinnacle with an essay competition, where students had the opportunity to articulate their innovative ideas and entrepreneurial aspirations. This interactive element not only encouraged creative expression but also fostered a spirit of healthy competition among the participants.



A Glimpse from the Webinar That Celebrates Entrepreneurial Spirit and Innovative Thinking

7. Poster Presentation, Rangoli Competition - 27/09/2022

On the vibrant occasion of World Pharmacist Day, the Department of Pharmacy at the faculty of Health Sciences, Quantum University, Roorkee, orchestrated a dynamic celebration on September 27, 2022, in adherence to the directives of the Pharmacy Council of India (PCI) and the Indian Pharmaceutical Association (IPA), exciting participation from 200 pharmacy students took the program to next level. This engaging event, pulsating with creativity and enthusiasm, featured a Poster Presentation and Rangoli Competition that resonated with the theme: "Pharmacy United in Action for a Healthier World."

The chosen theme, "Pharmacy United in Action for a Healthier World," served as a guiding beacon, highlighting the pivotal role of pharmacists in ensuring patient safety, enhancing medication usage, and mitigating medication errors. These essential steps stand as a cornerstone in the journey toward building a healthier world. The event aimed to underscore the profound impact pharmacists have on safeguarding patient well-being and promoting a healthier society.

The day unfolded with a series of enlightening expert talks, delivered by industry stalwarts. Mr. Niroj Nayan Padhy, Production Manager at Vance and Health Pharmaceuticals Private Limited, Roorkee, shared his invaluable insights and experiences, shedding light on the intricacies of pharmaceutical production. Dr. Ashwani Jangra, Assistant Professor at Gurukul Kangri University, Haridwar, captivated the audience with his knowledge, emphasizing the critical role pharmacists play in the realm of education and research.

The heart of the event was the Poster Presentation and Rangoli Competition, where creativity knew no bounds. Students showcased their artistic flair and passion for pharmacy through visually striking posters, each one a testament to their dedication and understanding of the theme. The Rangoli Competition, with its vibrant colors and intricate designs, added a touch of traditional artistry to the celebration, reflecting the rich cultural heritage of the pharmacy profession.

This celebration of World Pharmacist Day was more than just an event; it was a testament to the unwavering commitment of the Department of Pharmacy at faculty of Health Sciences. Through this dynamic occasion, students were not only inspired to think critically and creatively but also gained a profound appreciation for the significant impact pharmacists make in creating a healthier and safer world.



A Group Picture of Post Dynamic Celebration of World Pharmacist Day

Event Report

Techfest

2022-2023

1. Workshop on Cultivation practices in cole crops - 03/12/2022

The cultivation practices in cole crops hold a pivotal role in the agricultural landscape, especially in the bountiful Atlantic region. These crops, comprising a variety of nutritious vegetables, serve as a cornerstone of both fresh produce and processing industries, witnessing a surge in consumption trends. Their significance in the agricultural domain is further underscored by their exceptional adaptability to the local climate, making them a natural fit for the Atlantic area's agricultural practices.

What makes cole crops even more appealing to farmers is their efficiency in resource utilization. Unlike some other crops, they demand moderate labor inputs and can be seamlessly integrated into mechanized farming systems. This characteristic not only eases the burden on farmers but also ensures a sustainable and streamlined cultivation process.

On December 3, 2022, an event dedicated to the cultivation practices in cole crops unfolded, serving as a knowledge-sharing platform for 82 agricultural enthusiasts students belonging to our university. This gathering aimed to delve into the intricacies of cultivating cole crops, exploring innovative techniques, and sharing valuable insights among farmers and agricultural experts. The event facilitated discussions on best practices, modern methodologies, and sustainable approaches, empowering attendees with the expertise needed to enhance their crop yields and agricultural efficiency.

By spotlighting the cultivation practices in cole crops, this event acted as a catalyst for fostering agricultural excellence in the Atlantic area. It celebrated the rich agricultural heritage of the region while paving the way for a future where cole crops continue to thrive, contributing significantly to the local economy and ensuring a steady supply of nutritious produce for consumers. As farmers and experts exchanged knowledge and experiences, the event not only elevated the cultivation practices but also reinforced the region's reputation as a hub of sustainable agriculture and innovative farming techniques.



Picture from Farming Practical Work Especially Orchestrated for Quantum Agriculture Students on Cole Crops

2. Project Exhibition – 10/12/2022

On December 10, 2022, Quantum University proudly hosted a Project Exhibition, a remarkable showcase of innovation and creativity brought to life by our 48 talented students across diverse disciplines. This event stood as a testament to our commitment to fostering a culture of collaboration, knowledge exchange, and entrepreneurial spirit within our academic community.

At the heart of the exhibition were the innovative projects meticulously crafted by our students. These projects, representing a myriad of disciplines, were more than just displays; they were a reflection of our students' ingenuity and dedication. Each project was a testament to their passion for learning and their ability to translate theoretical knowledge into practical applications.

The exhibition served as a vibrant platform for our students, providing them with the opportunity to present their creations to a distinguished audience. Faculty members, industry experts, and fellow students gathered to witness the brilliance of these projects, engaging in insightful discussions and sparking intellectual dialogues.

Beyond the impressive displays, this exhibition embodied our ethos of encouraging entrepreneurial thinking. It was not merely a static presentation of ideas; it was a dynamic exchange of concepts and possibilities. Our students not only demonstrated their projects but also shared the underlying vision, creativity, and effort that went into their development.

The event pulsated with energy, enthusiasm, and the spirit of innovation. Students interacted with industry professionals, gaining valuable insights and feedback that will undoubtedly shape their future endeavors. The exhibition not only celebrated the achievements of our students but also inspired them to reach for greater heights, reinforcing their belief in the transformative power of education.

As the exhibition concluded, it left an indelible mark on our academic community. The projects presented were not just exhibits; they were a testament to the limitless potential of our students. This exhibition served as a stepping stone, propelling our students toward a future where their ideas, creativity, and innovation will lead the way, making a lasting impact on the world. Quantum University, through events like these, continues to empower and inspire the next generation of leaders and innovators.



Snapshot of Quantum University Project Exhibition and Felicitation

3. National Safety Week on 10-03-2023 to 15-03-2023

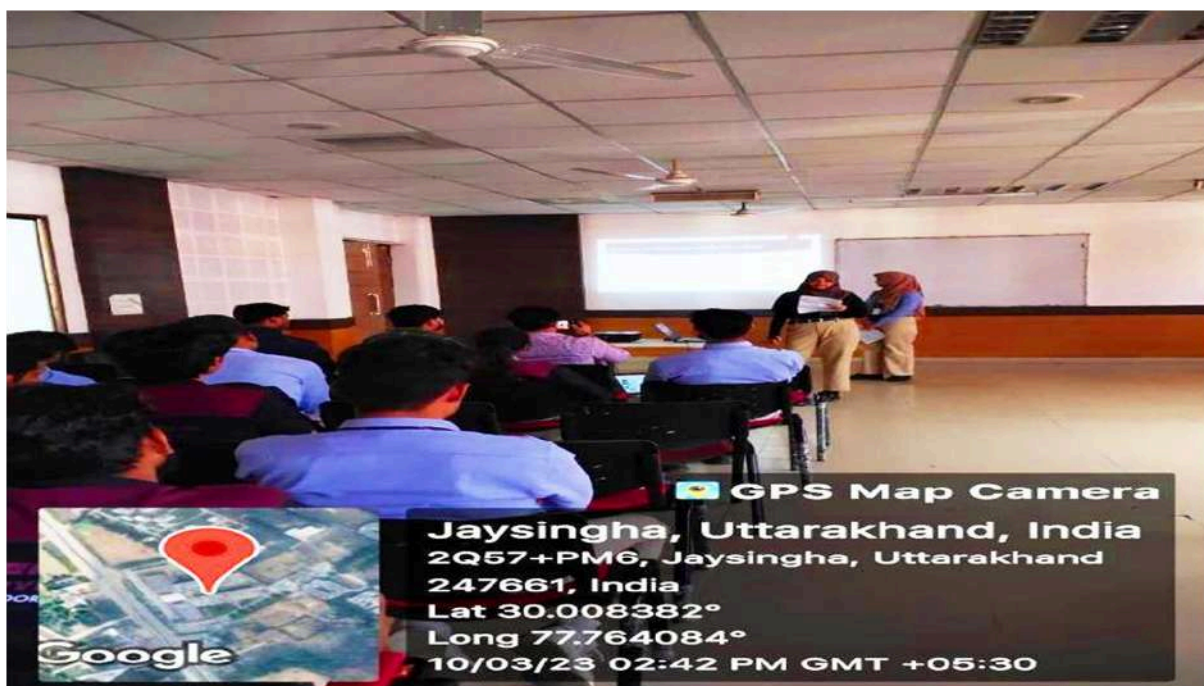
In a spirited observance of National Safety Week, the department organized engaging competitions, igniting the flame of awareness among the students about various safety measures. The dynamic event, encompassing Posters with Slogans and Presentation competitions, saw enthusiastic participation from 150 students across different years and departments, including B.Tech 2nd and 3rd year, as well as Diploma 2nd and 3rd year in Civil Engineering and other disciplines.

The event commenced on a vibrant Saturday afternoon, March 10, 2023, at 02:30 PM, with the Poster with Slogan competition. Each participant poured creativity and knowledge into crafting posters that highlighted safety protocols in diverse fields such as civil engineering, food safety, radiation safety, and women's safety. The visually compelling posters served as impactful reminders of the importance of safety practices.

Following this, the second segment, the Presentation competition, unfolded on March 15, 2023, Friday, at 02:30 PM. During this event, students showcased their in-depth understanding of safety measures, presenting insightful perspectives on various safety aspects. Their presentations ranged from practical applications in civil engineering to critical issues like food safety and radiation safety. The presentations not only showcased their research abilities but also emphasized the urgency of implementing safety protocols in everyday life.

The highlight of the event was the selection of the best presentations by esteemed guest faculties. Their discerning eyes identified the most impactful and innovative presentations, acknowledging the students' efforts and contributions to the cause of safety awareness. These accolades served as a testament to the students' dedication and creativity in addressing crucial safety concerns.

Overall, the event proved to be a source of immense knowledge and delight for the participants. Through active participation, students delved into diverse fields of safety, gaining insights into new technologies and awareness measures. This newfound knowledge is invaluable, as it equips them with essential skills for the future, ensuring a safer environment in various professional domains.





Collection of Pictures from National Safety Week, the department organized engaging competitions like Poster Competitions, Quiz Contests, Slogan Competitions, and Many More Activities

4. Mocktail Competition – 05/04/2023

In a delightful display of creativity and culinary innovation, the Department of Hospitality and Tourism at Quantum University, Roorkee, orchestrated an exhilarating Mocktail Competition on April 5, 2023. This captivating event, held at the Training Restaurant, witnessed enthusiastic participation from 25 students from the Department of Hospitality who tried their hand at the event, all showcasing their bartending flair and concocting exquisite beverages.

The event kicked off at 11 AM, setting the stage for a morning filled with refreshing aromas and colorful concoctions. Students immersed themselves in the art of mixology, crafting a variety of enticing mocktails using an array of ingredients. From the zesty freshness of Virgin Mojito to the vibrant hues of Blue Lagoon, the creativity knew no bounds. The participants' inventiveness extended to unique creations like Pulse Candy Mojito and Guava Drooling, each sip designed to tantalize the taste buds.

The ambiance buzzed with energy as students meticulously mixed, blended, and garnished their creations, infusing passion and precision into every step. The Training Restaurant transformed into a hub of creativity, with the air filled with the enticing aroma of freshly prepared mocktails. The event not only celebrated the art of mocktail making but also fostered an atmosphere of healthy competition and camaraderie among the participants.

This Mocktail Competition not only showcased the students' culinary talents but also highlighted Quantum University's commitment to providing hands-on experiences and nurturing creativity within the realm of hospitality. Through events like these, the university encourages students to explore their passions, refine their skills, and foster a spirit of innovation.

Overall, the Mocktail Competition stood as a testament to Quantum University's dedication to experiential learning, allowing students to blend their theoretical knowledge with practical expertise, creating a harmonious fusion of education and creativity. The event undoubtedly left a lasting impression, inspiring participants to continue their journey in the world of culinary arts with enthusiasm and zeal.



In the Pictures Students from the Department of Hospitality and Tourism at Quantum University, Roorkee Creating buzzing Mocktail

5. Chef Competition – 05/04/2023

Amidst sizzling pans and aromatic spices, the Department of Hospitality and Tourism at Quantum University, Roorkee, orchestrated a gastronomic delight – the Chef Competition, held on April 5, 2023, within the bustling confines of the Food Production lab.

This culinary showdown was not just a culinary battle; it was a symphony of flavors, skills, and creativity. Under the careful guidance of their mentors, probably 25 students dived into the art of cooking, showcasing their culinary prowess. The challenge was to craft a complete dish that not only tantalized the taste buds but also adhered to specific criteria – a culinary masterpiece that would secure their position in the competition.

The judging criteria encompassed a myriad of elements, including the crucial food taste, presentation finesse, adherence to hygiene standards, the spirit of teamwork, and depth of culinary knowledge. Each dish prepared was not merely a blend of ingredients but a narrative of passion and expertise.

In this spirited competition, students embraced the culinary challenge, demonstrating their skills, creativity, and dedication to the craft. As sizzling pans and aromatic spices filled the air, the participants crafted delectable dishes, ensuring that every bite reflected their culinary artistry.

This Chef Competition was more than a contest; it was an immersive experience, an opportunity for students to blend creativity with tradition, turning ordinary ingredients into extraordinary culinary creations. Through this event, Quantum University celebrated the art of cooking, encouraging students to explore the endless possibilities within the world of gastronomy. The competition not only honed their culinary skills but also instilled in them a profound appreciation for teamwork, attention to detail, and the pursuit of excellence in the culinary arts.





Few Glimpses from the Culinary Competition that Elevated gastronomic delight in Quantum's Kitchen

6. Poster Making- Civilinks Club - 07/04/2023

In an inspiring initiative, the Department of Civil Engineering at Quantum University, Roorkee, orchestrated a vibrant Poster Making event aptly named "GLITZ" on April 7, 2023. This event served as a creative avenue for 47 students to delve into the realm of environmental responsibility, nurturing a sense of awareness and consciousness about our planet's well-being.

Set within the innovative ambiance of D001, students enthusiastically participated, showcasing their artistic prowess and passion for environmental advocacy. The theme, "Our Environmental Responsibility," provided a canvas for students to express their thoughts and ideas on sustainable practices. What truly sets this event apart is the commendable use of waste materials in crafting the posters. This ingenious approach not only highlighted creativity but also championed the ethos of recycling and sustainability, aligning with the larger goal of environmental conservation.

By encouraging students to explore and articulate their environmental concerns through poster making, the Department of Civil Engineering at Quantum University has laid the foundation for fostering a deep-rooted sense of environmental consciousness among its students. The event acted as a catalyst, inspiring individuals to reflect on their environmental responsibilities and motivating them to take tangible actions to safeguard our planet.

This initiative stands as a testament to Quantum University's unwavering commitment to sustainability. By promoting eco-friendly practices and encouraging creative endeavors centered around environmental awareness, the university is not only shaping responsible citizens but also sowing the seeds of positive change. This event exemplifies the university's dedication to creating a campus environment that embodies the principles of environmental stewardship and inspires students to become custodians of our planet's future.





Winners of Poster Making Competition during Srijan Event, The Winning Team belonged to Civilinks Club

7. Water Treatment Plant – 07/04/2023

In a remarkable endeavor, the Department of Civil Engineering at Quantum University, Roorkee, orchestrated a significant event centered around water treatment plants on April 7, 2023, as part of the prestigious EDGE initiative. Set against the scenic backdrop of LMD Green Area, this event emerged as a pivotal platform for students to delve into the critical realm of water treatment, a domain becoming increasingly essential due to global drinking water shortages and the escalating needs of our growing population.

The event was meticulously designed to impart profound insights into societal development and the judicious utilization of vital resources such as water, land, and air. A creative bunch of 35 students showcased their intellectual talent, building a prototype of water cleaning, they focussed on the intricate components and working principles of water treatment plants, and students were afforded a comprehensive understanding of how these facilities play a pivotal role in our society by purifying water, making it safe for consumption.

The highlight of this event was the active participation of students, who were tasked with creating working models of water treatment plants. This hands-on approach not only enhanced their theoretical knowledge but also encouraged them to think critically about the practical aspects of water treatment. What set this event apart was the emphasis on criteria, pushing the students to display creativity, innovation, and precision in their models.

As a testament to their dedication and ingenuity, certain students achieved noteworthy accolades, securing the prestigious first and second positions. Their success not only showcased their commitment to excellence but also highlighted the department's commitment to nurturing skilled professionals capable of addressing real-world challenges. This event, held under the EDGE initiative, exemplifies Quantum University's dedication to providing its students with holistic learning experiences.

By delving into the complexities of water treatment plants, students were not just equipped with knowledge but also inspired to think critically, fostering a sense of responsibility towards societal needs. The event stands as a shining example of Quantum University's commitment to fostering practical understanding, encouraging innovation, and preparing its students to become future leaders in the field of civil engineering and environmental conservation.



A few Glimpses from Srijan Event, Top Images are of winners, their Water Treatment Prototype won as one of the best innovations during the event

8. Tunnel Design – 07/04/2023

In a commendable endeavor, the Department of Civil Engineering at Quantum University, Roorkee, orchestrated a fascinating event focused on Tunnel Design, held under the esteemed EDGE initiative, at the scenic LMD Green Area on April 7, 2023. This event served as an insightful platform for 42 students to explore the intricacies of designing underground tunnels, delving deep into the realms of geotechnical engineering, geology, geochemistry, and hydrogeology.

The primary objective of this event was to equip students with a comprehensive understanding of the detailed guidelines involved in crafting underground tunnels. By immersing themselves in the complexities of tunnel design, students were able to gain invaluable insights into the geotechnical aspects, geological formations, the chemical composition of the soil, and the intricate hydrogeological factors that influence tunnel construction.

A remarkable aspect of this event was the sustainable approach adopted by the students. They utilized waste materials creatively, showcasing their innovative spirit while promoting the essential principles of recycling and environmental responsibility. By incorporating waste materials into their projects, the students not only demonstrated their ingenuity but also emphasized the importance of eco-friendly practices in engineering projects.

In essence, this Tunnel Design event stands as a testament to Quantum University's dedication to fostering a culture of innovation, sustainability, and holistic learning. It not only equipped students with technical expertise but also inspired them to approach engineering challenges with creativity, resourcefulness, and a deep understanding of environmental stewardship.





Display of Tunnel Design by Civil Engineering students and guests Scientists were enthralled by the unique designs of the tunnel

9. Nutrition Fiesta - 7/4/2023

In a delightful culinary extravaganza, EDGE, as part of the much-awaited DHAROHAR-2023 Annual Fest, organized the vibrant Nutrition Fiesta on April 7, 2023. This captivating event unfolded as an exciting intra-university competition, where 50 students from diverse departments at Quantum University showcased their culinary skills and creativity.

A total of eleven teams, each comprising two talented members, participated in this gastronomic celebration. The theme for the event centered around the International Year of Millet, inspiring the teams to craft delectable dishes using various types of millet. From sweet treats to savory delights, the participants concocted a delightful array of recipes, showcasing their culinary prowess and ingenuity.

The performances presented by the teams were not just well-coordinated but also mesmerizing, captivating the audience with their culinary artistry. Each team exhibited its best culinary creations, adding a touch of innovation and flair to their dishes. The atmosphere was charged with enthusiasm and creativity as students passionately displayed their culinary talents.

While all the participants exhibited exceptional skills, the top two teams were honored for their outstanding performances. The deserving winners of the competition were Reshu Karnwal and Taruna Mondal, both from B.Sc. N&D 2nd year, whose culinary finesse and creativity earned those well-deserved medals and a prestigious trophy. The runners-up, Priyanshi Singh and Neha Choudhary, both from M.Sc. N&D's 1st year, demonstrated remarkable culinary skills, showcasing their dedication and passion for the art of cooking.

This Nutrition Fiesta not only celebrated the culinary artistry of Quantum University's students but also highlighted the university's commitment to nurturing talent and creativity beyond academics. It served as a vibrant platform for students to showcase their culinary talents, fostering a sense of camaraderie and healthy competition among participants. The event reflected Quantum University's dedication to encouraging innovation, teamwork, and excellence, shaping well-rounded professionals in the field of nutrition and dietetics.



Colorful Pictures of the Nutrition Fiesta with HOD and Faculty Members

10. Green Building Design – 07/04/2023

In a forward-looking initiative, the Department of Civil Engineering at Quantum University, Roorkee, orchestrated a visionary event titled "Green Building Design" under EDGE, held at the picturesque LMD Green Area on April 7, 2023. This event was a significant step toward addressing the escalating demands for electricity, water conservation, and the pressing needs of our ever-expanding global population. In the competition, 25 students presented their 5 models out of which only one was selected as a winner.

The event aimed to enlighten students about societal development and the efficient utilization of water, land, and air resources, essential elements in the contemporary world. Through this immersive experience, participants delved into the intricate components and operational principles of Green Building Design, gaining profound insights into its societal significance.

Students were challenged to translate their knowledge into action by creating working models adhering to specific criteria, which served as a testament to their innovative prowess. Their endeavors were not only creative but also environmentally conscious, reflecting a deep understanding of the importance of sustainable practices in modern construction.

The Green Building Design event not only fostered awareness about sustainable architecture but also exemplified Quantum University's commitment to nurturing eco-conscious engineers. By providing a platform for students to explore green technologies and apply their theoretical knowledge in practical scenarios, the university encourages a culture of innovation and environmental stewardship.

This event underscored the university's dedication to holistic education, equipping students with the skills and mindset needed to address the challenges of the future. The participants' remarkable efforts and ingenuity showcased during the event have undoubtedly contributed to shaping a generation of environmentally responsible engineers, ready to champion the cause of sustainable development.



In the Figure, the Team from the Department of Civil Engineering at Quantum University that Built the Prototype of a Green Building Won First Place during the Srijan Project Exhibition

11. Maze Solver – 08/04/2023

In an exciting showcase of technological prowess, the Mechanical Department at Quantum University organized the Maze Solver competition on April 5, 2023. This innovative event delved into the realm of Artificial Intelligence, challenging participants to design a robot equipped with surface-sensing sensors, enabling it to navigate through a complex maze.

In a collective effort, 25 students tried to solve the maze puzzle, the competition revolved around the ability of these robots to efficiently find the optimal path within the maze. Equipped with cutting-edge technology, the participating teams engineered their bots to interpret sensor data and strategically maneuver through the maze's twists and turns. The challenge lay not only in solving the maze but also in doing so swiftly and accurately.

With 25 enthusiastic students putting their engineering skills to the test, the event buzzed with creativity and determination. Each team meticulously designed its robot, fine-tuning its sensors and algorithms to ensure precise navigation. The maze-solving competition became a battleground of intelligence, innovation, and quick thinking.

This competition not only highlighted the students' technical acumen but also showcased Quantum University's commitment to fostering a culture of innovation and problem-solving. By organizing events like the Maze Solver, the university encourages students to explore the realms of Artificial Intelligence and robotics, nurturing their passion for cutting-edge technologies.

The Maze Solver competition served as a testament to Quantum University's dedication to providing students with hands-on experiences, enabling them to apply their theoretical knowledge to real-world challenges. Through such events, the university empowers students to embrace the future of technology, preparing them for a world where innovation and problem-solving skills are paramount. The event undoubtedly left a lasting impact, inspiring participants to delve deeper into the exciting world of Artificial Intelligence and robotics.

Winner:

Vansh Tyagi	30030095	B.tech 3rd yr ME
Riteshsaini	20030100	B.tech 3rd yr ME
Samy Mishra	20030028	B.tech 3rd yr ME
Ashish Saini	21030127	B.tech 3rd yr ME

Runner Up

MdKadeer	21310063	Dpharma 2nd year
Ayush Kumar	21310013	Dpharma 2nd year
MdSawej	21310053	Dpharma 2nd year
Kajal Patel	21030174	BtechCSE 3rd year





Myriad Collection of Pictures of Maze Solver Competition and Prize Distribution to the Winners

12. Fast & Furious Racing Event – 08/04/2023

In an exhilarating display of innovation and engineering prowess, Quantum University proudly presented the "Fast & Furious Racing Event" on April 8, 2023. This dynamic competition unfolded as a thrilling race of bots, where participants' race cars were challenged to conquer a meticulously designed track brimming with obstacles. Model race cars engineered by 15 students took heat on the race tracks.

The objective was clear: each race car had to showcase exceptional speed and agility to navigate the given track, leaving competitors in the dust. The challenges were diverse, ranging from negotiating rough paths and speed breakers to conquering ditches, cliffs, and inclinations. The track demanded nothing less than precision, strategy, and swift maneuvering.

Guided by the provided guidelines, participants embarked on the task of crafting race cars that could not only withstand the obstacles but also outpace their rivals. It was a test of engineering ingenuity and programming finesse, requiring teams to design bots that could overcome every hurdle thrown their way.

The "Fast & Furious Racing Event" exemplified Quantum University's commitment to fostering a spirit of innovation and hands-on learning among its students. By organizing such cutting-edge competitions, the university provides a platform for aspiring engineers and programmers to showcase their talents and push the boundaries of technology.

The event was not merely a race; it was a showcase of creativity, determination, and technical brilliance. Each team's race car zoomed through the challenging track, leaving a trail of awe-inspiring moments. Quantum University's "Fast & Furious Racing Event" was a celebration of competition, collaboration, and the relentless pursuit of excellence, leaving a lasting impression on everyone present.





A Glimpse of "Fast & Furious Racing Event" and Prize Distribution

13. E-Poster Making – 08/04/2023

An E-poster, akin to an electronic canvas, finds its home in PowerPoint presentations, serving as a digital alternative to printed posters. What sets E-posters apart is their versatility—they can be seamlessly displayed and viewed on various electronic devices such as touch screens, TVs, tablets, smartphones, and computers.

The theme of this event resonated deeply with 125 participating students and faculty members, the message conveyed through posters was the importance of our planet's sustainability. Environmental sustainability stands as the cornerstone of responsible living, focusing on maintaining an ecological balance and conserving natural resources to support the well-being of both current and future generations. It embodies the essence of meeting the present generation's needs while safeguarding the ability of future generations to meet their own.

The significance of environmental sustainability lies in its forward-looking nature. Many decisions impacting the environment have far-reaching consequences, and recognizing this long-term impact is central to the concept of sustainability. Participants in the E-poster-making event brilliantly portrayed these principles, leveraging technology to create visually engaging presentations that highlighted the urgency of environmental conservation.

This event at Quantum University not only celebrated digital innovation but also underscored the institution's commitment to fostering environmental consciousness among its students. Through the E-poster-making competition, Quantum University continued to inspire its community to think critically, act responsibly, and contribute meaningfully to the global dialogue on environmental sustainability.





Myriad of Pictures from the E-Poster Making Competition

Event Report Management Fest 2022-2023

1. Chetna “Legal Awareness Camp” – 06/04/2023

Immersed in the spirit of social responsibility, the Department of Law orchestrated a transformative event – the one-day “Legal Awareness Camp – 2023” held on 6th April 2023, as part of the grand celebrations of “Dharohar 2023”. This camp, organized under the compassionate banner of Pahal, aimed to illuminate the path toward legal enlightenment and empower individuals to comprehend and address legal issues effectively.

Legal Awareness Camp (LAC) played a pivotal role in fostering a deep understanding of legal intricacies at the grassroots level. An estimated 50 Law students, driven by a passion for justice and community welfare, engaged in enlightening discussions on several critical topics that demanded immediate attention:

1. **Right to Information:** Unraveling the layers of transparency and citizen empowerment.
2. **FIR (First Information Report):** Decoding the significance and process of filing a complaint.
3. **Free Legal Aid:** Nurturing the understanding of accessible legal assistance for all.
4. **Right to Education:** Advocating for the fundamental right to education and its implications.
5. **Environment Protection:** Raising awareness about the urgent need for environmental preservation and conservation.

Through these discussions, the aim was to instill essential awareness among individuals, empowering them with knowledge that is instrumental in ensuring that “JUSTICE” prevails in its true essence. The camp served as a beacon of enlightenment, shedding light on the pathways to justice, legal rights, and social responsibility. In this endeavor, Department of Law not only disseminated legal knowledge but also sowed the seeds of social change, ensuring that true justice is not just a concept but a tangible reality nurtured through awareness and understanding.



Glance at the Pictures from the Legal Enlightening discussions on several critical topics during the Chetna Event

2. Economy Chakra- Management Club –08/04/2023

An inter-university quiz contest was held by the Faculty of Graduate Studies in the imposing presence of the Director, Faculty of Business & Management. A business quiz is a question-and-answer game. The purpose of this game is to assess players' industry, business, and product expertise. It also aims to assess participants' knowledge of business and topics linked to it.

Thirteen teams comprising a total of 55 students took part in the quiz. There was a pre-final phase in which four teams were chosen to compete in the final round. There was a lot of engagement from the audience, and there were some questions for them as well, for which they won awards.

The program was coordinated by Ms. Rupali Khurana, Dr. Lokesh Verma, and Dr. Mehak. With the support of student coordinators Ayush Kapil, Bunish Saini, Anshika, and Sonu. With the support of the teachers, students, and the director, the event concluded and was a great success.





Event Pictures of Economy Chakra- Management Club and Felicitation Program