

QUANTUM UNIVERSITY



Capacity Development and Skill Enhancement



A Report on Awareness in Recent Trends and Technology Academic Year (2021-2022)

Quantum University
A Report on Awareness in Recent Trends and Technology



Academic Year (2021-2022)

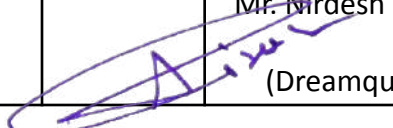


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Following Capacity Development And Skills Enhancement Initiatives Are Undertaken By The Institution

5.1.3 Following Capacity Development and Skills Enhancement Activities Are Organized For Improving Students Capability (8)awareness in Recent Trends and technology

Development And Skill Enhancement Program	Year of Implementation	Number Of Students Enrolled	Name of the Agencies-Consultants Involved with Contact Details, If Any
Exhibition for Clay Modeling Created Using the Latest Multi-Material	16-12-2021	17	Quantum University
Guest Lecture on Insights on Global Business Strategies According To Recent Trends	23-12-2021	42	Mr.Jagdeep Chauhan (Founder, EAPRO Global Ltd)
Webinar Guest Lecture on Recent Trends in Social Entrepreneurship and Economic Development	19/02/2022	08	Dr. Mohd. Asif Shah (Kebri Dehar University, Ethiopia)
Hackathon Challenge to Promote Latest Cyber Security Tools	09-03-2022	150	Department Of Computer Science and Engineering
3-Days Workshop on B2P Robotics Technology	24/03/2022-26/03/2022	63	Mr. Ashish Saini And Mr. Nirdesh Kumar (Dreamquark)


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EXHIBITION FOR CLAY MODELING CREATED USING THE LATEST MULTI-MATERIALS

Name of Event: EXHIBITION FOR CLAY MODELING CREATED USING THE LATEST MULTI-MATERIALS

Date of Event: 16th December 2021

Hosted By: Quantum University

Number of Participants: 17participants

On December 16, 2021, Quantum University hosted an engaging clay modeling workshop that was created using the latest multi-materials that sparked imagination and artistic expression. The event, designed to nurture creativity, took place within the university premises, attracting enthusiastic participants.

The workshop provided a platform for students and art enthusiasts to explore the versatile medium of clay. Under the guidance of skilled instructors, attendees learned various techniques and sculpting methods, allowing them to bring their artistic visions to life. From intricate figurines to abstract sculptures, participants delved into the realm of clay art with passion and dedication.

Major Outcomes of the Event

1. Quantum University organized a clay modeling workshop on December 16, 2021.
2. The workshop provided a platform for students and art enthusiasts to explore clay as an artistic medium.
3. Skilled instructors guided participants in learning various sculpting techniques.
4. Attendees engaged in creative interactions, exchanging ideas and inspiring each other.
5. The workshop encouraged experimentation, self-expression, and artistic exploration.
6. Participants found therapeutic benefits in clay modeling, fostering relaxation and self-reflection.
7. Quantum University showcased its commitment to holistic education and diverse creative opportunities.





"Unleashing Creativity: Quantum University's Clay Modeling Workshop Inspires Artistic Expression"

GUEST LECTURE ON INSIGHTS ON GLOBAL BUSINESS STRATEGIES ACCORDING TO RECENT TRENDS

Name of Event: GUEST LECTURE ON INSIGHTS ON GLOBAL BUSINESS STRATEGIES ACCORDING TO RECENT TRENDS

Date of Event: 23rd December 2021

Hosted By: Faculty of Business and Management

Name of Guest Lecturer: Mr. Jagdeep Chauhan (Founder, EAPRO Global Ltd.)

Number of Participants: 42 participants

On the auspicious day of 23rd December 2021, Quantum University had the distinct honor of hosting a momentous guest lecture by none other than the illustrious Mr. Jagdeep Chauhan, the visionary founder of the esteemed EAPRO Global Ltd. The event, titled "Innovations in Global Business Strategies," drew a diverse audience comprising faculty members, eager students, and distinguished industry professionals, all eager to glean insights from the master strategist himself. Mr. Chauhan's captivating session proved to be an absolute revelation, as he generously shared the wealth of knowledge garnered from his extensive journey in the business realm, particularly in the dynamic domain of global business strategies. With finesse and eloquence, he illuminated the path to success in the ever-evolving international market, unraveling the complexities that entrepreneurs encounter and emphasizing the paramount significance of adaptability and innovation.

Major Outcomes of the Event

1. The lecture featured Mr. Jagdeep Chauhan, founder of EAPRO Global Ltd., as the speaker.
2. The event attracted a diverse audience of faculty, students, and industry professionals.
3. Mr. Chauhan shared insights on adapting and innovating in the evolving global business landscape.
4. Attendees were captivated by his wisdom, gaining a unique perspective on international challenges and opportunities.
5. The lecture ignited inspiration among aspiring entrepreneurs.
6. Mr. Chauhan's engaging presentation style made the event memorable and enriching.
7. Attendees left with renewed determination to excel in the global business arena.
8. The guest lecture remains a guiding light for future generations of business leaders.



Picture from the Guest Lecture on Topic Insights On Global Business Strategies

WEBINAR ON RECENT TRENDS IN SOCIAL ENTREPRENEURSHIP AND ECONOMIC DEVELOPMENT

Name of Event: WEBINAR ON RECENT TRENDS IN SOCIAL ENTREPRENEURSHIP AND ECONOMIC DEVELOPMENT

Date of Event: 19th February 2022

Hosted By: Faculty of Business and Management

Name of Guest Speaker: Dr. Mohd. Asif Shah, (Associate Professor at Kebri Dehar University, Ethiopia)

Number of Participants: 08 participants

On a momentous Saturday morning, February 19th, 2022, the Faculty of Business and Management, in conjunction with the Institution's Innovation Council (IIC) of Quantum University, Roorkee, organized an enlightening webinar on the topic "Recent Trends on Social Entrepreneurship and Economic Development." This virtual event brought together a diverse and engaged audience, with nearly many participants logging in from various corners of the world, eager to explore the transformative power of social entrepreneurship.

The webinar was skillfully coordinated by Dr. Nirmesh Sharma and Ms. Shruti Rawat, both from the Faculty of Business and Management, ensured a seamless virtual experience for all attendees. The program commenced with a heartwarming introductory note by Dr. Nirmesh Sharma, setting the tone for an intellectually stimulating session.

Major Outcomes of the Event

1. A diverse audience from around the world participated in the webinar. Participants connected virtually from various corners of the world, reflecting a global interest in social entrepreneurship.
2. Dr. Nirmesh Sharma and Ms. Shruti Rawat from the Faculty of Business and Management skillfully coordinated the webinar. Their efforts ensured a seamless and engaging virtual experience for all attendees.
3. Dr. Mohd. Asif Shah, an Associate Professor at Kebri Dehar University, Ethiopia, served as the Expert Resource Person. Dr. Shah's profound insights into social entrepreneurship and economic development enriched the webinar.

4. Dr. Shah's address emphasized the role of social entrepreneurship in a nation's economic development. Interactive visuals and engaging discourse illustrated transformative potential and cited examples from global economic models.
5. The virtual platform fostered dynamic interactions. Attendees actively participated in a vibrant Q&A session, exchanging thought-provoking questions and clarifications.
6. Dr. Nirmesh Sharma extended gratitude to participants and stakeholders, acknowledging their significant contributions. The event's success was a testament to the enthusiasm and receptiveness of the virtual audience.



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Expert Speaker

Dr. Mohd Asif Shah
Associate Professor, Economics
Kebri Dehar University, Ethiopia

The Future is exciting.

Quantum School of Business

organizing

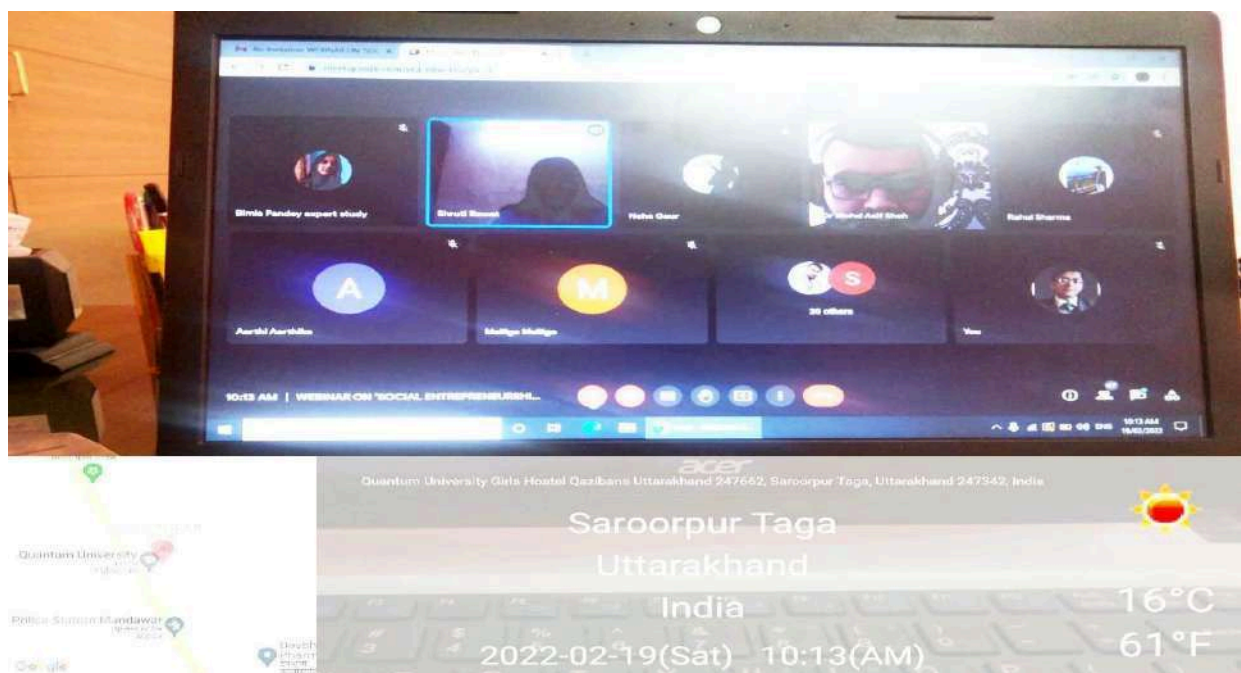
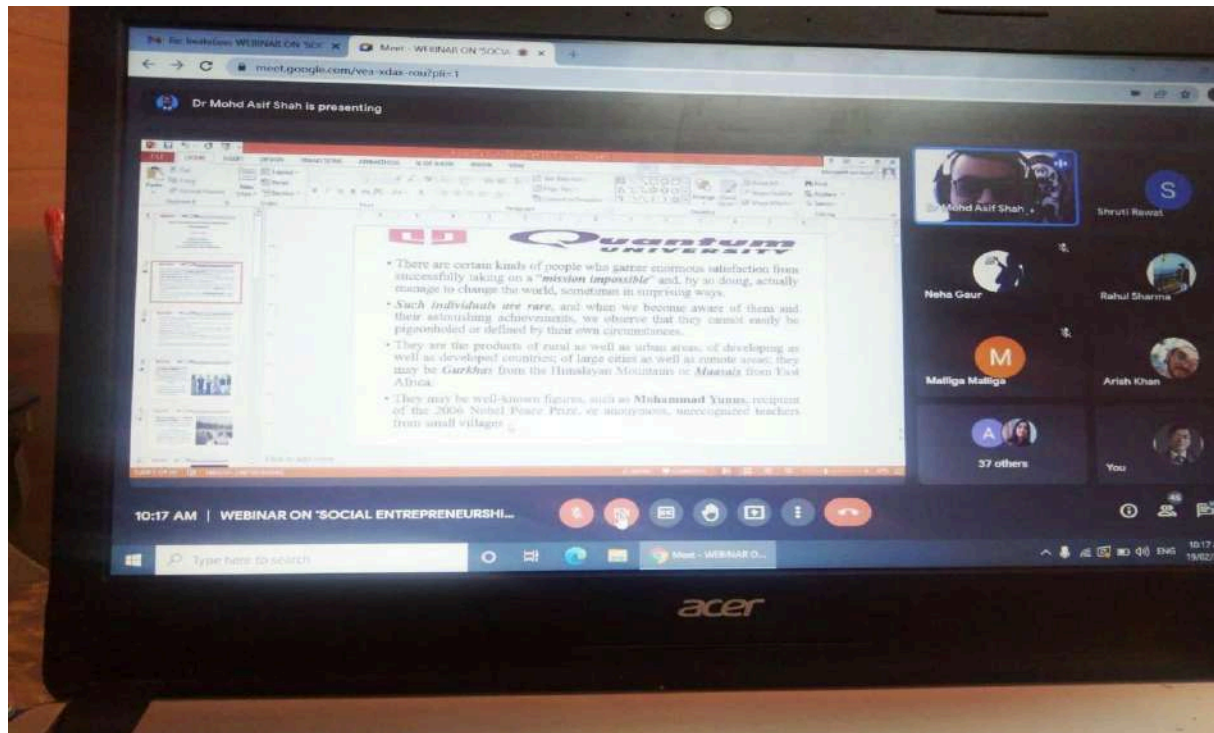
AN EXPERT TALK
on
**'SOCIAL ENTREPRENEURSHIP
& ECONOMIC DEVELOPMENT'**

Saturday, 19th February 2022, 10:00 am to 11:00 am

Registration link : <https://forms.gle/VUwbq34Mf3jzWFe79>

Join us : <https://meet.google.com/vea-xdox-rou>





Pictures from the Webinar Hosted by the Faculty of Business and Management, this Webinar Proved That Education Knows No Barrier

HACKATHON CHALLENGE TO PROMOTE LATEST CYBER SECURITY TOOLS

Name of Event: Hackathon Challenge to Promote latest Cyber Security Tools

Date of Event: 9th March 2022

Hosted By: Department of Computer Science & Engineering

Name of Guest Lecturer: Mr. Jagdeep Chauhan (Founder, EAPRO Global Ltd.)

Number of Participants: 150 participants

On the dynamic date of 9th March 2022, the Department of Computer Science & Engg. orchestrated an electrifying hackathon event that left participants in awe of their own technical prowess and problem-solving brilliance.

This hackathon, like a magnet, drew students from diverse disciplines, converging them onto a single platform where their talents shone like stars in the night sky. The challenging problem statement presented to them sparked a frenzy of innovative ideas and creative solutions. With time as their most precious commodity, participants embraced the challenge with unwavering determination, dedicating themselves to developing cutting-edge solutions that surpassed all expectations.

Major Outcomes of the Event

1. The hackathon served as a magnet, drawing students from various disciplines onto a single stage where their talents illuminated like stars against the night sky.
2. Participants were presented with a challenging problem statement, igniting a spark of creativity that led to a flurry of innovative ideas and ingenious solutions.
3. The hackathon venue buzzed with an electric energy, as participants engaged in an atmosphere that was both competitive and collaborative.
4. For the participating students, the event marked a significant step towards bridging the gap between theoretical knowledge and practical application.
5. The hackathon provided a unique opportunity to transform theoretical concepts into tangible, real-world solutions, marking the transition from concept to execution.
6. A remarkable highlight of the event was the presence of seasoned industry professionals who assumed roles as mentors and judges.
7. The hackathon also facilitated invaluable networking opportunities, allowing participants to connect with industry professionals, and laying the foundation for future collaborations and career prospects.





Glimpses from the Hackathon 12 Commencing in the Quantum University

3-DAYS WORKSHOP ON B2P ROBOTICS TECHNOLOGY

Name of Event: 3-DAYS WORKSHOP ON B2P ROBOTICS TECHNOLOGY

Date of Event: 24th March 2022 to 26th March 2022

Hosted By: Department of Mechanical Engineering

Name of Guest Lecturer: Mr. Ashish Saini and Mr. Nirdesh Kumar from DreamQuark

Number of Participants: 63 participants

The Department of Mechanical Engineering, in collaboration with the Institute Innovation Cell at QuantumUniversity, Roorkee, orchestrated an engaging workshop focused on B2P robotics. The inauguration of the workshop was graced by esteemed dignitaries including Prof. (Dr.) Vivek Kumar, the Honourable Vice Chancellor; Major Gen. Sanjay Sharma, Pro. Vice Chancellor; Dr. Manish Sharma, Director, Faculty of Technology; Dr. Satender Kumar, Dean Academics; and Mr. M. Kannan, Coordinator of Mechanical Engineering.

The workshop was facilitated by industry experts, Mr. Ashish Saini and Mr. Nirdesh Kumar from DreamQuark, who generously shared their extensive experience and expertise in the field of robotics with the young participants. They guided the students through the process of building fundamental projects, such as a line follower, utilizing a range of electronics, electrical, and mechanical components, coupled with programming concepts.

Major Outcome of the Event

The workshop's commencement was marked by an impressive inauguration graced by esteemed dignitaries, reflecting the significance of the event.

1. The presence of Prof. (Dr.) Vivek Kumar, the Honourable Vice Chancellor; Major Gen. Sanjay Sharma, Pro. Vice Chancellor; Dr. Manish Sharma, Director of Faculty of Technology; Dr. Satender Kumar, Dean Academics; and Mr. M. Kannan, Coordinator of Mechanical Engineering, added a sense of importance to the occasion.
2. Industry experts, Mr. Ashish Saini and Mr. Nirdesh Kumar from DreamQuark brought their rich experience to the forefront as they conducted the workshop.
3. Participants had the privilege of learning from professionals with hands-on knowledge of robotics and related fields.
4. The workshop provided participants with practical experience in building essential projects, such as a line follower.

5. They were introduced to the intricacies of working with electronics, electrical components, mechanical parts, and programming, creating a comprehensive learning environment. Facilitators expanded participants' horizons by showcasing a range of projects and devices achievable through basic kit-based modules.
6. This exposure illuminated the versatile applications of robotics, encouraging attendees to explore various avenues.
7. Beyond hands-on activities, participants gained invaluable insights into the realm of robotics and its potential applications.



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CONTENTS

Day 1: Arduino- Introduction, Modules of KIT

Day 2: Embedded C Programming, Interfacing of Switches, Sensors & Actuators.

Day 3: Assembling of Parts, Making a Robot

The Future is
exciting..



Department of
Mechanical and Mechatronics Engineering
organizing

**3-DAYS WORKSHOP ON
B2P ROBOTICS**

March 24-26, 2022,
9:30am to 12:30pm (3 Hrs Daily)

Venue : Seminar Hall



Capacity Development and Skill enhancement Program (Awareness in recent Trends and Technology Soft Skills)
(Session 2021-22)



Take a Peek Into Moment Captured from the Empowering 3-Day Workshop on Robotics, Students Fostering Knowledge through Practical Lessons