

QUANTUM UNIVERSITY



Capacity Development and Skill Enhancement



A Report on Awareness in Recent Trends and Technology Academic Year (2022-2023)

Quantum University
A Report on Awareness in Recent Trends and Technology



Academic Year (2022-2023)


Registrar
Quantum University

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 2022-23

Development And Skill Enhancement Programme	Year Of Implementation	Number Of Students Enrolled	Name Of The Agencies-Consultants Involved With Contact Details, If Any
Guest Lecture on the Role of Agriculture Engineering In the Agriculture Sector of India (Introduction to Latest Trends and Technology)	17/10/2022	93	Dr Ankit Kumar, (Assistant Professor Department of Agriculture, Baba Farid group of institutions Bathinda Punjab)
Guest Lecture on Center Of Excellence for Youth Empowerment with Infusing Emerging Technologies	11/11/2022	59	Mr. Aaditya Singh (Honeywell, ICT Academy)
Online Seminar on Financial Literacy Awareness to Increase Knowledge of Digital Banking	25/11/2022	110	CA Kumar Gaurav (FLAB UDHYAM, Delhi)
Srijan-Startup Conclave Project cum Technological Prototype Expo & Demo Day	07/04/2023 to 08/04/2023	79	Quantum University Innovation Council
Workshop on the Latest Technology Generative Pre-Trained Transformer (ChatGpt)	12/04/2023	97	Ms. MANVI WALIA (Codex Club)



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GUEST LECTURE ON THE ROLE OF AGRICULTURE ENGINEERING IN AGRICULTURE SECTOR OF INDIA (Introduction to Latest Trends and Technology)

Name of Event: Role of Agriculture Engineering in Agriculture sector of India

Date of Event: 17th October 2022

Hosted By: Department of Agricultural Studies

Name of Guest Lecturer: Dr. Ankit Kumar (Assistant Professor Department of Agriculture, Baba Farid group of institutions Bathinda Punjab)

Number of Participants: 93 Participants

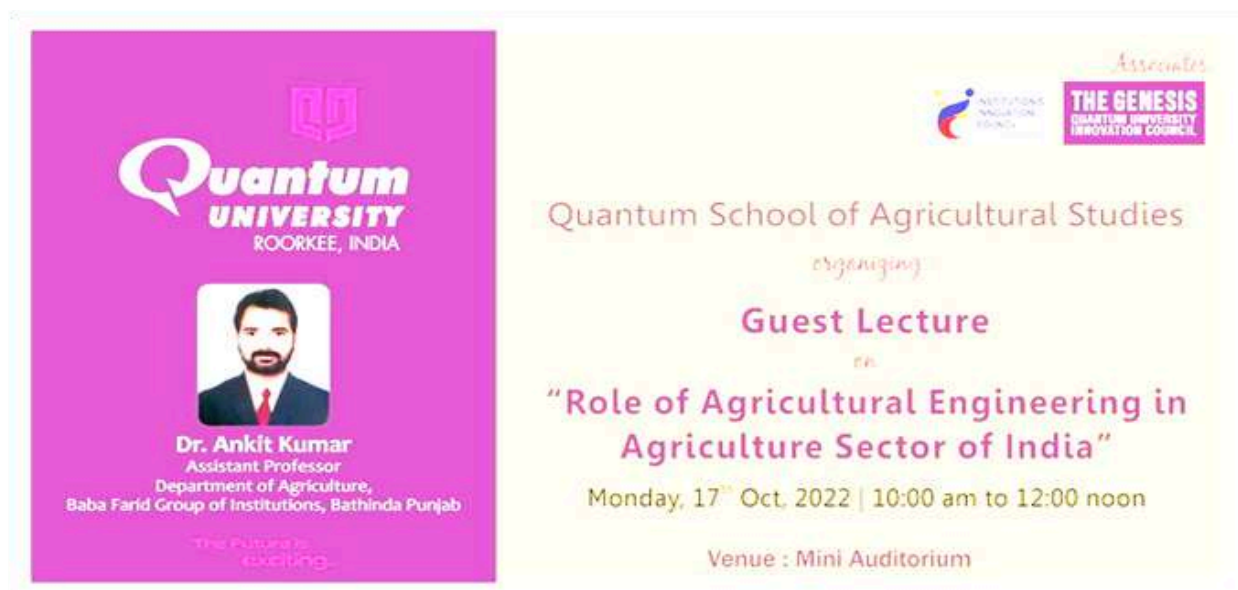
On an insightful day, October 17, 2022, Quantum University had the honor of welcoming the esteemed Dr. Ankit Kumar, a leading authority in the field of agricultural engineering, to deliver a captivating guest lecture on "The Role of Agricultural Engineering in India's Agriculture Sector."

With a wealth of knowledge and expertise, Dr. Ankit Kumar's presentation delved into the transformative power of agricultural engineering in revolutionizing India's farming practices. Through his compelling insights, he shed light on the crucial role of technological advancements in modernizing the agricultural landscape.

Major Outcomes of the Event

1. The Guest Lecture on the Role of Agricultural Engineering in India's Agriculture Sector provided a platform for participants to delve into the intricate interplay between technology and agriculture, exploring the latest trends and innovations shaping the sector.
2. Dr. Ankit Kumar's profound expertise and engaging discourse illuminated the transformative potential of agricultural engineering, offering participants a comprehensive understanding of its significance in enhancing agricultural productivity and sustainability.
3. The lecture fostered an atmosphere of intellectual curiosity and inquiry, encouraging participants to critically examine the role of technology in addressing the challenges faced by India's agricultural sector. Through Dr. Ankit Kumar's insightful presentation, participants gained valuable insights into cutting-edge agricultural technologies, including precision farming, drone technology, and smart irrigation systems, and their implications for agricultural development in India.

4. The event served as a catalyst for knowledge exchange and collaboration, facilitating dialogue between academia, industry professionals, and students, and paving the way for interdisciplinary collaboration in advancing agricultural engineering solutions.
5. Dr. Ankit Kumar's expertise and real-world examples inspired participants to envision themselves as agents of change in India's agricultural landscape, igniting a passion for innovation and excellence in agricultural engineering.
6. The guest lecture left participants with a renewed sense of purpose and motivation to explore further the role of agricultural engineering in addressing the evolving needs and challenges of India's agriculture sector.
7. By delving into the latest trends and technologies in agricultural engineering, participants gained valuable insights and perspectives that will equip them with the skills and knowledge needed to contribute effectively to the future of India's agriculture sector.



The poster is divided into two main sections. The left section has a purple background and features the Quantum University logo at the top, followed by a portrait of Dr. Ankit Kumar. Below the portrait, his name and title are listed. The right section has a yellow background and contains the event details, including the organizing body (Quantum School of Agricultural Studies), the title of the lecture, the date and time, and the venue. Logos for 'Associates' and 'THE GENESIS' are also present in the top right corner of the yellow section.

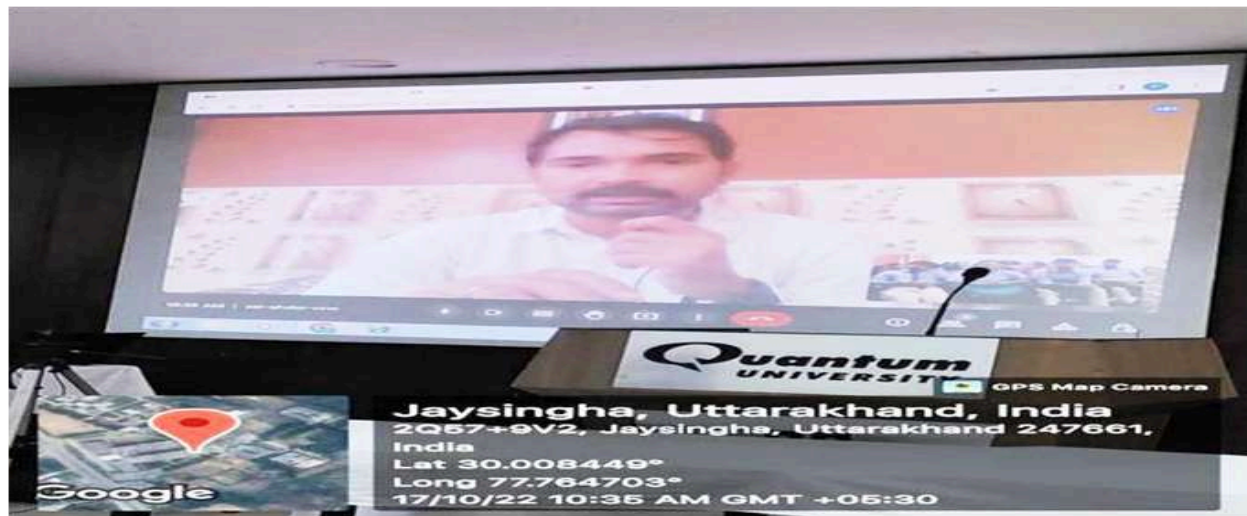
Quantum UNIVERSITY
ROORKEE, INDIA

Dr. Ankit Kumar
Assistant Professor
Department of Agriculture,
Baba Farid Group of Institutions, Bathinda Punjab

The Future is exciting...

Associates
THE GENESIS
QUANTUM UNIVERSITY
INNOVATION COUNCIL

Quantum School of Agricultural Studies
organizing
Guest Lecture
on
**"Role of Agricultural Engineering in
Agriculture Sector of India"**
Monday, 17th Oct, 2022 | 10:00 am to 12:00 noon
Venue : Mini Auditorium



Snap Shot from the Online Guest lecture Proved To Be An Enriching Journey for the Students

GUEST LECTURE ON CENTER OF EXCELLENCE FOR YOUTH EMPOWERMENT WITH INFUSING EMERGING TECHNOLOGIES

Name of Event: GUEST LECTURE ON CENTER OF EXCELLENCE FOR YOUTH EMPOWERMENT WITH INFUSING EMERGING TECHNOLOGIES

Date of Event: 11th November 2022

Hosted By: Quantum University in Collaboration with Honeywell (ICT Academy)

Name of Guest Lecturer: Mr. Aaditya Singh (Honeywell)

Number of Participants: 59 participants

Amidst a spirit of enthusiasm and hope, the Honeywell (ICT Academy) orchestrated a transformative event at Quantum University on November 11, 2022. The guest lecture featured the eminent Mr. Aaditya Singh, a luminary in the realm of youth empowerment, igniting a passion for nurturing young minds and facilitating their journey towards excellence.

The lecturer's focal point was the establishment of a Centre of Excellence for Youth Empowerment, reflecting a collective commitment to creating a nurturing environment that equips the youth with the necessary tools and resources for success. Mr. Singh's profound knowledge and infectious zeal captivated the audience as he shared invaluable insights on skill development, career guidance, and fostering an entrepreneurial mindset among the youth.

Furthermore, Mr. Singh also underscored the significance of technological advancement as a driving force behind youth empowerment, emphasizing how emerging technologies are revolutionizing education, skill acquisition, and career opportunities for young individuals. This recognition of technology's role in shaping the youth's path toward excellence added a futuristic dimension to the event's mission of empowering the next generation.

Major Outcomes of the Event

1. Mr. Aaditya Singh's lecture inspired and motivated the audience, igniting a passion for nurturing young minds and facilitating their journey toward excellence. Attendees left the event with a renewed sense of enthusiasm and purpose.
2. The lecture raised awareness about the importance of youth empowerment. Attendees gained insights into the significant role that empowering the younger generation plays in shaping a brighter future for society.
3. The lecture encouraged a collective commitment to youth empowerment and the establishment of a Centre of Excellence for Youth Empowerment. Attendees were inspired to actively contribute to creating a nurturing environment for the youth.

4. Mr. Singh shared invaluable insights on skill development, career guidance, and fostering an entrepreneurial mindset among the youth. Attendees acquired practical knowledge that can be applied to support the growth and development of young minds.
5. The lecture fostered a collective resolve among attendees to actively participate in youth empowerment initiatives. They vowed to become catalysts for positive change by contributing their skills, knowledge, and resources.





Images from Honeywell (ICT Academy) Guest Lecture on Youth Empowerment

ONLINE SEMINAR ON FINANCIAL LITERACY AWARENESS TO INCREASE KNOWLEDGE OF DIGITAL BANKING

Name of Event: ONLINE SEMINAR ON FINANCIAL LITERACY AWARENESS TO INCREASE KNOWLEDGE OF DIGITAL BANKING

Date of Event: 25th November 2022

Hosted By: Faculty of Business and Management

Name of Resource Person: CA Kumar Gaurav (FLAB Udhya Expert)

Number of Participants: 110 participants

In a quest to foster financial literacy and empower students with the knowledge of sound financial planning, the Department of Business Administration at Quantum University organized a highly impactful online seminar on Financial Literacy Awareness and Digital Banking. This enlightening event was held on 25th November 2022, in collaboration with FLAB Udhya Expert, New Delhi, with CA Kumar Gaurav as a resource person aimed to equip the students with a basic understanding of financial management and investment strategies.

The online seminar served as a platform for students to delve into the world of finance and gain valuable insights from industry experts. During the session, the participants actively engaged in interactive discussions, seeking clarity on the fundamentals of financial investment. The seminar provided them with a comprehensive understanding of the various investment options available in the dynamic Indian market.

Major Outcomes of the Event

1. The seminar significantly enhanced the financial literacy and Digital Banking of the participants. Students gained a basic understanding of financial management and investment strategies, equipping them with essential knowledge for making informed financial decisions.
2. Participants had the opportunity to gain valuable insights from industry experts, including CA Kumar Gaurav. They learned about various investment options available in the Indian market, providing them with a broader perspective on financial planning.
3. The seminar fostered interactive learning through discussions and insightful questions posed by inquisitive students. Expert speakers provided practical guidance, enhancing the participants' ability to analyze and evaluate investment opportunities effectively.

4. Attendees left the seminar with increased confidence in their financial planning abilities. They felt better prepared to navigate the complexities of the financial landscape and make sound financial decisions for their future.
5. The seminar highlighted Quantum University's commitment to holistic education. It showcased the institution's dedication to empowering students with real-world knowledge and practical skills, preparing them for success in their personal and professional lives.
6. Ultimately, the seminar prepared students to make informed financial decisions, familiarity with digital banking, and navigate the complexities of the financial world. It instilled in them the importance of financial planning and the benefits of being financially literate.





Screenshots from Online Seminar on Financial Literacy Hosted by Quantum University and Conducted by FLAB Udhyam Expert, New Delhi Team

SRIJAN-STARTUP CONCLAVE PROJECT CUM TECHNOLOGICAL PROTOTYPE EXPO & DEMO

Name of Event: SRIJAN-STARTUP CONCLAVE PROJECT CUM TECHNOLOGICAL PROTOTYPE EXPO & DEMO

Date of Event: 7th & 8th April 2023

Hosted By: Quantum University Innovation Council (QUIC)

Number of Participants: 79 participants

The much-anticipated Startup Conclave Project cum Technological Prototype Expo & Demo Day, a part of DHAROHAR-2023, was a remarkable initiative organized by the Genesis QUIC at Quantum University on 7th and 8th April 2023. The event's multifaceted objectives aimed to create a conducive environment for fostering innovation, entrepreneurship, and holistic learning among the students.

At the core of this event was the drive to enhance the interdisciplinary teaching-learning process, encouraging students to explore diverse fields and collaborate on innovative projects. By nurturing a culture of start-ups and entrepreneurship, the event sought to ignite the spirit of innovation and creativity within the students, empowering them to embark on their entrepreneurial journeys.

The expo provided a dynamic platform for students to showcase their cutting-edge ideas and prototypes, fostering industry-academia interaction. The event acted as a catalyst for productive collaborations, where industry experts and academia could come together to appreciate and support innovative solutions that address real-world challenges.

Major Outcomes of the Event

1. The Expo successfully fostered a culture of innovation and creativity among students. It encouraged them to explore diverse fields and collaborate on innovative projects, igniting the spirit of entrepreneurship and creativity.
2. It enhanced the interdisciplinary teaching-learning process. Students were motivated to step beyond their academic silos and work on projects that spanned multiple fields, promoting holistic learning.
3. The Prototype Expo & Demo empowered students to embark on their entrepreneurial journeys. It instilled in them the confidence and skills needed to pursue their innovative ideas and turn them into viable startups.

4. The event facilitated productive collaborations between industry experts and academia. It provided a platform for industry professionals to interact with students and appreciate innovative solutions, fostering a bridge between academia and the real world.
5. The conclave highlighted projects addressing environmental sustainability and gender equality, promoting broader societal values. It showcased the students' ability to use their skills for positive change and tackle real-world challenges.
6. It emphasized the significance of teamwork and collaboration in solving complex problems. It created an environment where students learned from and supported each other, enhancing their teamwork and interpersonal skills.
7. The conclave celebrated innovation and entrepreneurship, recognizing the importance of nurturing and showcasing students' cutting-edge ideas and prototypes. It was a transformative experience for both participants and attendees. It ignited the spark of innovation and creativity while nurturing a sense of purpose and responsibility among the students.







Glimpses from Srikan Startup Conclave as a part of Dharohar 2023, is a Project cum Prototype Expo & Demonstration Extravaganza

WORKSHOP ON THE LATEST TECHNOLOGY GENERATIVE PRE-TRAINED TRANSFORMER (CHATGPT)

Name of Event: WORKSHOP ON THE LATEST TECHNOLOGY GENERATIVE PRE-TRAINED TRANSFORMER (CHATGPT)

Date of Event: 12th April 2023

Hosted By: Department of Computer Science and Engineering

Name of Guest Lecturer: Ms. Manvi Walia (CODEX Club)

Number of Participants: 97 participants

In a remarkable event on April 12, 2023, the Computer Science Department of Quantum University orchestrated an eye-opening workshop centered around the revolutionary Chat GPT technology. The event featured none other than the esteemed expert Manvi Walia, whose extensive knowledge in the domain of language models like GPT-3.5 left attendees astounded.

With an emphasis on exploring the advanced capabilities of language models, participants were treated to an immersive experience that delved into the limitless applications of GPT-3.5 across diverse industries. Ms. Manvi Walia's unparalleled expertise and captivating presentation style engrossed the audience, creating an atmosphere of interactivity and profound learning.

Major Outcomes of the Event

1. The workshop deepened attendees' understanding of advanced language models like GPT-3.5. They gained insights into the capabilities and potential applications of such models across various industries.
2. Ms. Manvi Walia's expertise and captivating presentation style left attendees astounded and engaged. They benefited from her unparalleled knowledge in the domain of language models, particularly GPT-3.5.
3. The workshop created an interactive learning environment, allowing participants to engage with the subject matter actively. Attendees had the opportunity to ask questions and receive real-time clarifications, enhancing their learning experience.
4. The primary focus on building chatbot prototypes, mastering natural language processing, and improving dialogue management equipped participants with

practical skills. They gained hands-on experience, enhancing their ability to leverage Chat GPT's potential for transformative solutions.

5. Attendees left the workshop empowered with the knowledge and tools to apply Chat GPT technology in their respective fields. This knowledge broaden their horizons and enabled them to explore innovative solutions.
6. The event provided participants with knowledge of cutting-edge AI technologies, keeping them updated on the latest advancements in the field of artificial intelligence.
7. The workshop inspired attendees to think innovatively and explore the possibilities offered by Chat GPT technology. They departed with a sense of excitement about the potential for innovation and progress in their work.



In the Picture, Ms. Manvi Wallia helps students utilize the full potential of Chat GPT technology and helps them hone skills in prompt writing.