Quantum University, Roorkee

(Quantum University Incubator)

Annual Report

Of

Quantum University Innovation Council (QUIC)

Session: 2020-2021

Detailed Report of Workshops/Seminars/Expert Talk/Exhibition conducted on Research Methodology, Intellectual Property Rights (IPR), Entrepreneurship and Skill Development

Registrar
Quantum University

Sr. No.	Name of the Events	Date	Nature of Activity
1.	Workshop on "Data Analytics Using Python"	09/26/2020	Skill Development
2.	Webinar on "Case Study Analysis"	09/22/2020	Entrepreneurship/Skill Development
3.	Webinar on "Marketing Research"	10/09/2020	Entrepreneurship/Skill Development
4.	Workshop on "React Native Technology"	11/11/2020	Skill Development
5.	Workshop on "Salesforce Job Ready Program"	11/19/2020	Skill Development
6.	Workshop on "Machine Learning by Xebia"	11/23/2020	Skill Development
7.	Workshop on "Introduction to Python"	01/11/2021	Skill Development
8.	Webinar on "Applications of AI and IOT"	01/27/2021	Skill Development
9.	Expert Talk on "Emerging from Chaos: The inception of startup"	02/01/2021	Entrepreneurship
10.	National workshop on "Modern Embedded Systems and Computing : Challenges and Opportunities"	02/19/2021	Skill Development
11.	Expert Talk on "Entrepreneurship in Agriculture"	02/25/2021	Entrepreneurship
12.	Workshop on "Fusion 360"	03/02/2021	Skill Development
13.	Working of "CMOS Photosensor in Digital Camera"	03/09/2021	Skill Development
14.	Workshop on "Web Technology"	03/13/2021	Skill Development
15.	Workshop on "Natural Farming"	03/19/2021	Skill Development
16.	Workshop on "Robotics & Automation"	03/20/2021	Skill Development
17.	Workshop on "Cloud Computing Skill Development"	04/10/2021	Skill Development
18.	Workshop on "Data Science" by Xebia	04/15/2021-04/16/2021	Skill Development
19.	Webinar on "Introduction to Securities Market"	04/20/2021	Entrepreneurship
20.	FDP on Introduction to Big Data Analytics by ICT Academy	04/19/2021-04/23/2021	Skill Development

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Quantum University

21.	Virtual Power Seminar on “Scope of Artificial Intelligence & Machine Learning”	07/01/2021	Skill Development
22.	Startups Nurtured in Quantum University	Ongoing Activity	Handholding Support

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Quantum University

1. Workshop on "Data Analytics Using Python"

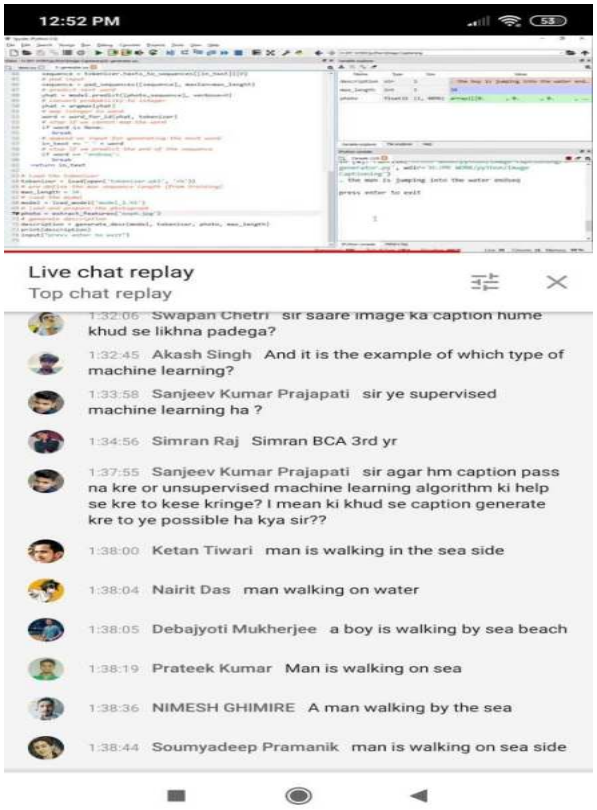
The Workshop on Data Analytics Using Python was held on **09/26/2020** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **B.Tech AIML 2nd Year, BCA 3rd Year, and MCA 3rd Year students** with a total strength of **70 attendees. The program was led by Mr. Nishant Lodhi** from **AskItLoud Pvt Ltd.**

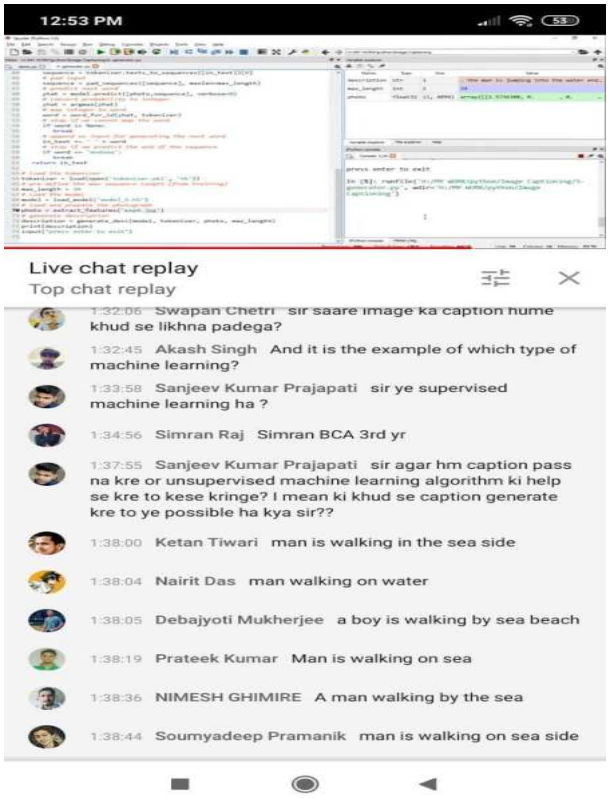
The workshop was aimed to provide participants with a comprehensive understanding of data analytics concepts and practical skills using the Python programming language. **Mr. Nishant Lodhi** began with an overview of data analytics, explaining its importance and relevance in various industries. The participants were **introduced to the Python programming** language and its powerful libraries, such as Pandas, NumPy, and Matplotlib, commonly used for data manipulation, analysis, and visualization. This session focused on techniques for cleaning and preprocessing raw data before analysis. Participants learned how to handle missing data, remove outliers, handle duplicate records, and perform data transformations using Python libraries.

The workshop introduced participants to machine learning concepts and their implementation using Python libraries, such as Scikit-learn. They learned about different types of machine learning algorithms, including supervised and unsupervised learning, and their practical applications.

The workshop concluded with a **Q&A session**, allowing participants to clarify doubts and seek further insights into specific topics. Overall, the workshop provided participants with a solid foundation in data analytics using Python, equipping them with practical skills and knowledge to analyze and interpret data effectively. The students left the workshop with increased confidence in their ability to perform data analytics tasks using Python.

Photos of the Event





1:49 PM
Python is a general purpose, dynamic, high level and interpreted programming language.
Python supports multiple programming pattern, including object oriented, imperative and functional or procedural programming styles.
The implementation of Python was started in the December 1989 by Guido Van Rossum.
Python is influenced by following programming languages
Live Data Science Seminar
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4
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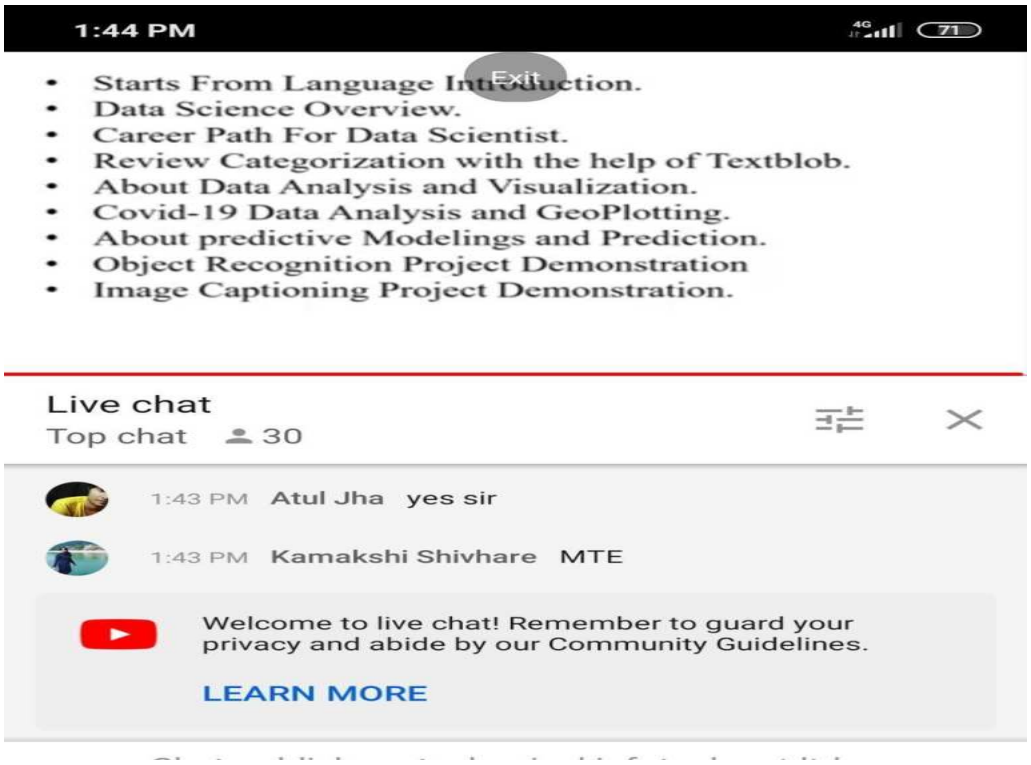
This Data Science Seminar is for those who really want to know about the Data Science Career path and road map. We cover all the factors related to data science and its all work domain. We also demonstrate some data science-related projects which help you to understand things completely. Hope you enjoy it.
As per the industry requirement, People are switching their jobs into the programming domain but they suffer a lot while learning to program. So we are focused on these types of learners and we are preparing our content which can be easily understood by everyone even if you are from a non-programming background. We help


1:44 PM
Exit
Starts From Language Introduction.
Data Science Overview.
Career Path For Data Scientist.
Review Categorization with the help of Textblob.
About Data Analysis and Visualization.
Covid-19 Data Analysis and GeoPlotting.
About predictive Modelings and Prediction.
Object Recognition Project Demonstration
Image Captioning Project Demonstration.
Live chat
Top chat
30
1:43 PM Atul Jha yes sir
1:43 PM Kamakshi Shivhare MTE
Welcome to live chat! Remember to guard your privacy and abide by our Community Guidelines.
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2. Webinar on "Case Study Analysis"

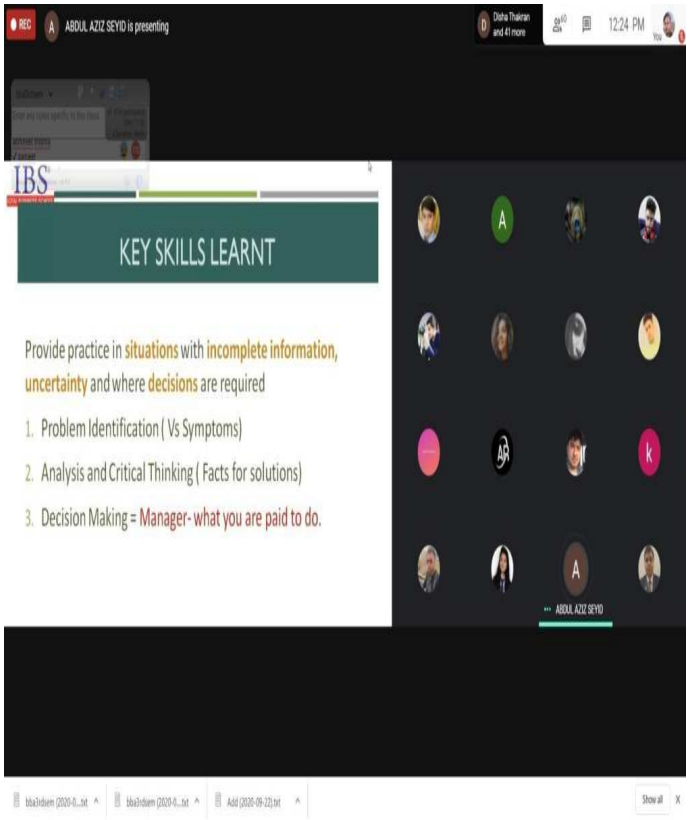
The Webinar on "Case Study Analysis" was held on **09/22/2020** at Quantum University organized by **Department of Business and Administration** in association with **Institution Innovation Council** for the **BBA 5th Semester and B.Com 3rd Semester** with a total strength of **115 attendees.** The program was led by **Mr. Sayyad Abdul Bin Aziz,** he has a total of thirty-four years of work experience, of which twenty-eight years were in corporate/consulting and six years in academic environments. Corporate experience includes sixteen years of international management experience at senior levels with Chase Manhattan Bank (now JP Morgan Chase) and Lloyds Bank Group. He has worked in London, Hong Kong, Taiwan, Japan, Papua New Guinea, and Singapore in various aspects of international banking and funds management. He was Executive Director and Country Head for Lloyds Bank (SEA) Ltd in Singapore and Vice President with Chase- Singapore.

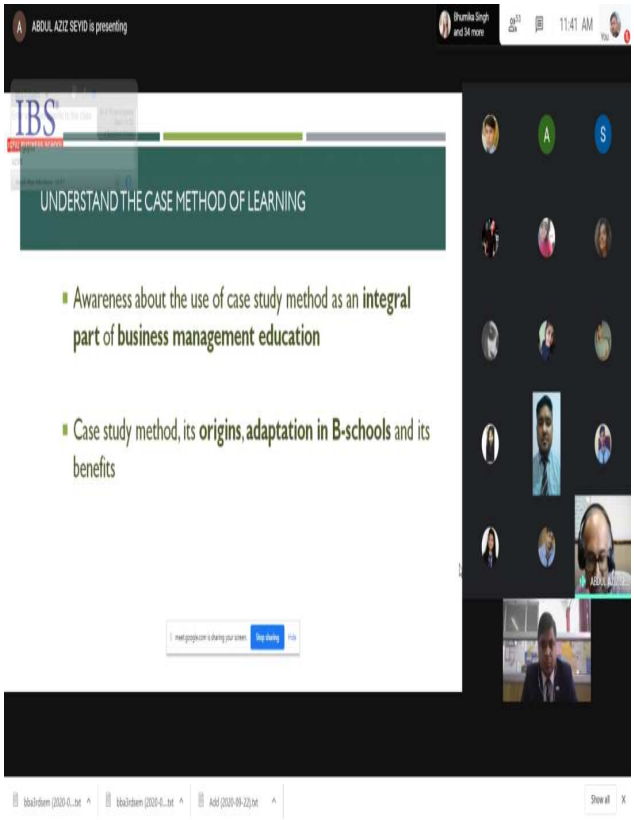
The webinar on Case Study Analysis aimed to provide participants with insights and practical guidance on effectively analyzing case studies. The purpose of the webinar was to enhance students' skills in comprehending, evaluating, and drawing meaningful conclusions from case studies.

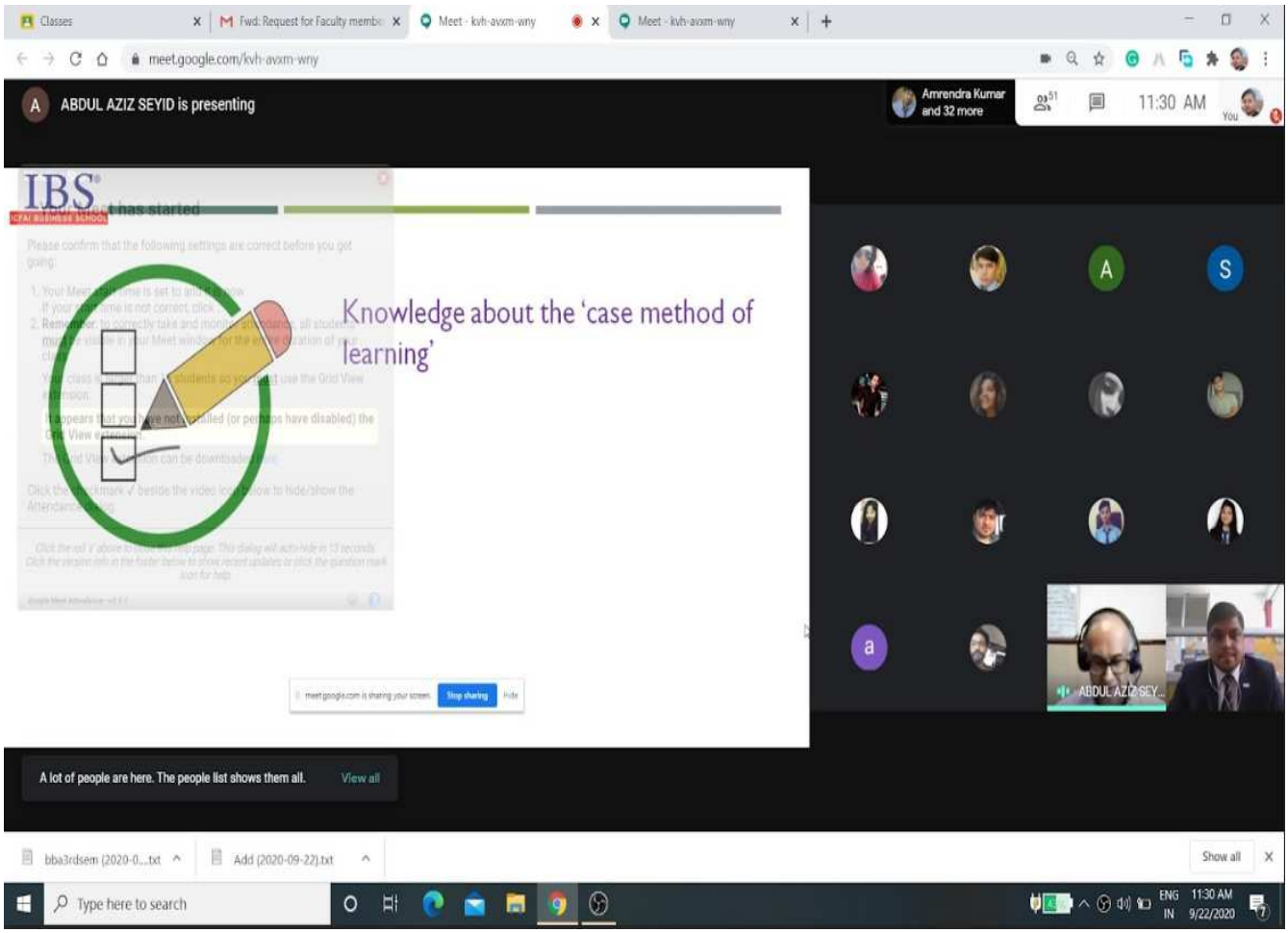
Mr. Sayyad Abdul Bin Aziz began the event with an overview of case studies, highlighting their purpose, structure, and significance in research and problem-solving. He emphasized the importance of careful examination of case study details to derive relevant insights. Different analytical frameworks applicable to case study analysis were discussed. He introduced commonly used frameworks, such as SWOT analysis, PESTEL analysis, Porter's Five Forces, and value chain analysis.

The webinar on Case Study Analysis provided participants with valuable insights and practical strategies for analyzing and deriving insights from case studies. By understanding the fundamentals of case study analysis, utilizing analytical frameworks, collecting relevant data, and drawing meaningful conclusions, participants gained skills to approach case studies with a systematic and informed perspective. The session equipped attendees with the necessary tools to excel in their respective fields and make well-informed decisions based on rigorous case study analysis.

Photos of the Event



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meet.google.com/kvh-avxm-wny
ABDUL AZIZ SEYID is presenting
Amrendra Kumar and 32 more
11:30 AM
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has started
Please confirm that the following settings are correct before you get going:
Knowledge about the 'case method of learning'
meet.google.com is sharing your screen.
Stop sharing
Hide
A lot of people are here. The people list shows them all.
View all
ABDUL AZIZ SEY...
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Add (2020-09-22).txt
Show all
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9/22/2020

3. Webinar on "Marketing Research"

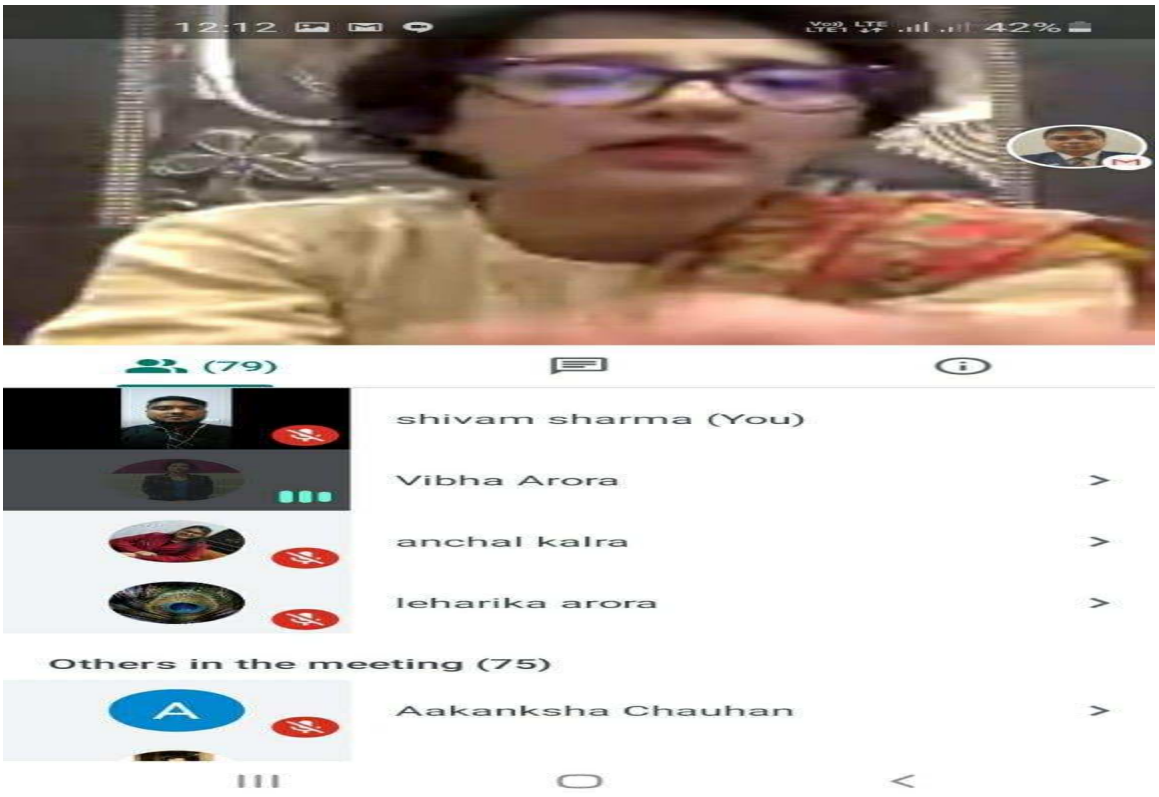
The Webinar on "Marketing Research" was held on **10/09/2020** at Quantum University organized by **Department of Business and Administration** in association with **Institution Innovation Council** for the **BBA 5th Semester and B.Com 5th Semester students** with a total strength of **102 attendees.** The program was led by **Dr. Vibha Arora (Doctorate in Marketing and has 19 years of academic and research experience).**

The webinar on Marketing Research aimed to provide participants with a comprehensive understanding of the key concepts, methodologies, and best practices in conducting marketing research. The objective of the webinar was to equip participants with the knowledge and skills to effectively plan, execute, and analyze marketing research studies.

Dr. Vibha Arora began the webinar with an overview of marketing research, highlighting its importance in understanding customer behavior, market trends, and competitive landscape. She discussed the role of marketing research in decision-making and emphasized the need for reliable and accurate data to drive marketing strategies. Participants were introduced to the key elements of research design and the selection of appropriate methodologies. The webinar covered various research approaches, including qualitative and quantitative methods, surveys, focus groups, interviews, and observational research. She further emphasized the importance of aligning research objectives with the chosen methodology to ensure data validity and reliability.

The webinar on Marketing Research provided **participants with valuable knowledge and practical guidance on conducting effective marketing research studies.** By understanding the fundamentals of research design, data collection, analysis, and reporting, attendees gained the skills necessary to make informed marketing decisions. The session equipped participants with the tools and methodologies to gather reliable data, analyze it effectively, and derive actionable insights to drive marketing strategies and enhance business performance.

Photos of the Event


12:12
42%
(79)
shivam sharma (You)
Vibha Arora
anchal kalra
leharika arora
Others in the meeting (75)
Aakanksha Chauhan

4. Workshop on "React Native Technology"

The Workshop on "React Native Technology" was held on **11/11/2020** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **B.Tech 2nd Year students** with a total strength of **52 attendees.** The program was led by **Mr. Himanshu Tyagi and Mr. Akansh Sirohi.**

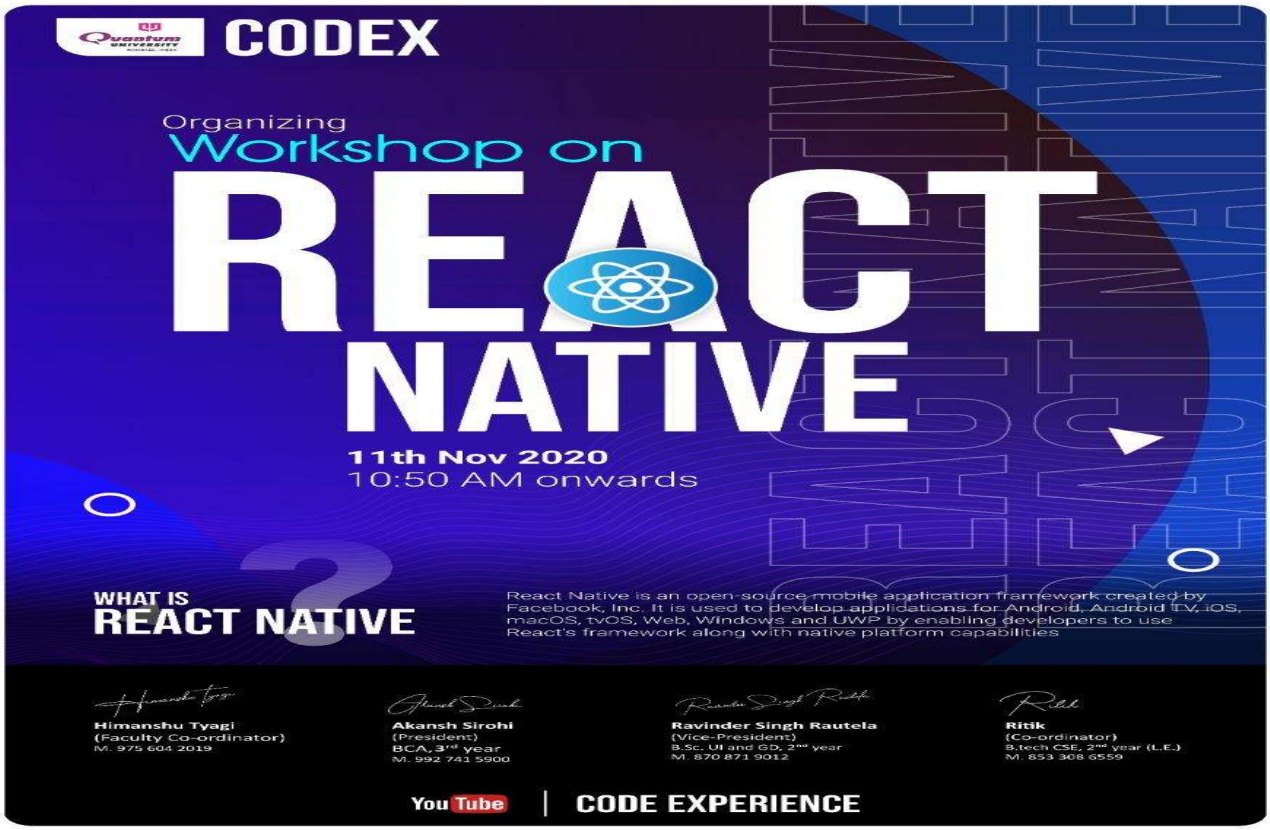
The Workshop was aimed to **provide participants with hands-on experience and in-depth knowledge of developing mobile applications using React Native**. The workshop brought together industry experts and professionals with extensive experience in React Native development. The objective of the workshop was to equip participants with the skills and understanding necessary to build cross-platform mobile applications efficiently.

Mr. Himanshu Tyagi began the workshop with an overview of React Native, highlighting its benefits and advantages in mobile application development. He explained the concept of cross-platform development and how React Native enables developers to write code once and deploy it across multiple platforms. Participants were guided through the process of setting up the development environment for React Native.

Mr. Akansh Sirohi focused on understanding React Native components and building user interfaces. Participants learned about core components, layout systems, styling, and handling user interactions. Participants learned about the necessary steps and requirements for publishing their applications on both the Google Play Store and Apple App Store. He further shared best practices for optimizing app performance and user experience.

The Workshop on React Native Technology provided participants with practical skills and knowledge to develop cross-platform mobile applications efficiently. By understanding the fundamentals of React Native, participants gained the ability to create user interfaces, manage data and state, integrate APIs, and deploy their applications to app stores.

Poster of the Event



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Workshop on React Native Tomorrow (11th Nov) @10.50 AM

2 messages

Satender Kumar <satenderkumar.cse@quantumeducation.in> Tue, Nov 10, 2020 at 2:22 PM
To: Aditi Arya <aditiarya.cse@quantumeducation.in>, Aditi Sharma <aditi.cse@quantumeducation.in>, Ankur Rana <ankurrana.cse@quantumeducation.in>, Anuj Kumar <anuj.cse@quantumeducation.in>, Chunnu Lal Voda <chunnulal.cse@quantumeducation.in>, Deepak Bhatt <deepakbhatt.cse@quantumeducation.in>, Himanshu Tyagi <himanshu.cse@quantumeducation.in>, Laxman Singh <laxman.cse@quantumeducation.in>, Mahindra Sawin <mahendra.cse@quantumeducation.in>, Mayur Srivastava <mayursrivastava.cse@quantumeducation.in>, Pundreekaksha Sharma <pundreekaksha.cse@quantumeducation.in>, Rishi Sharma <rishisharma.cse@quantumeducation.in>, Sandhya Samant <sandhyasamant.cse@quantumeducation.in>, Satender Kumar <satender.sunny@gmail.com>, Shalini Singh <shalini.cse@quantumeducation.in>, Shishir Sangal <shishirsangal.cse@quantumeducation.in>, Shobhit Prajapati <shobhitprajapati.cse@quantumeducation.in>, Surbhi Tyagi <surbhi.cse@quantumeducation.in>, Visha Vig <vishalvig.cse@quantumeducation.in>
Cc: Vice Chancellor <vicechancellor@quantumuniversity.edu.in>, Gulshan Chauhan <director@quantumeducation.in>

Dear All,

There will be a workshop on React Native Technology Tomorrow 11th Nov @10.50 AM.The **students of B.Tech CSE 3rd Sem ,B.Tech AIML 3rd Sem and BCA 3rd Sem** will attend it.
Link of this workshop is as under.

https://www.youtube.com/channel/UCOsAHi6SMOtsrjW7zbpNZ6Q

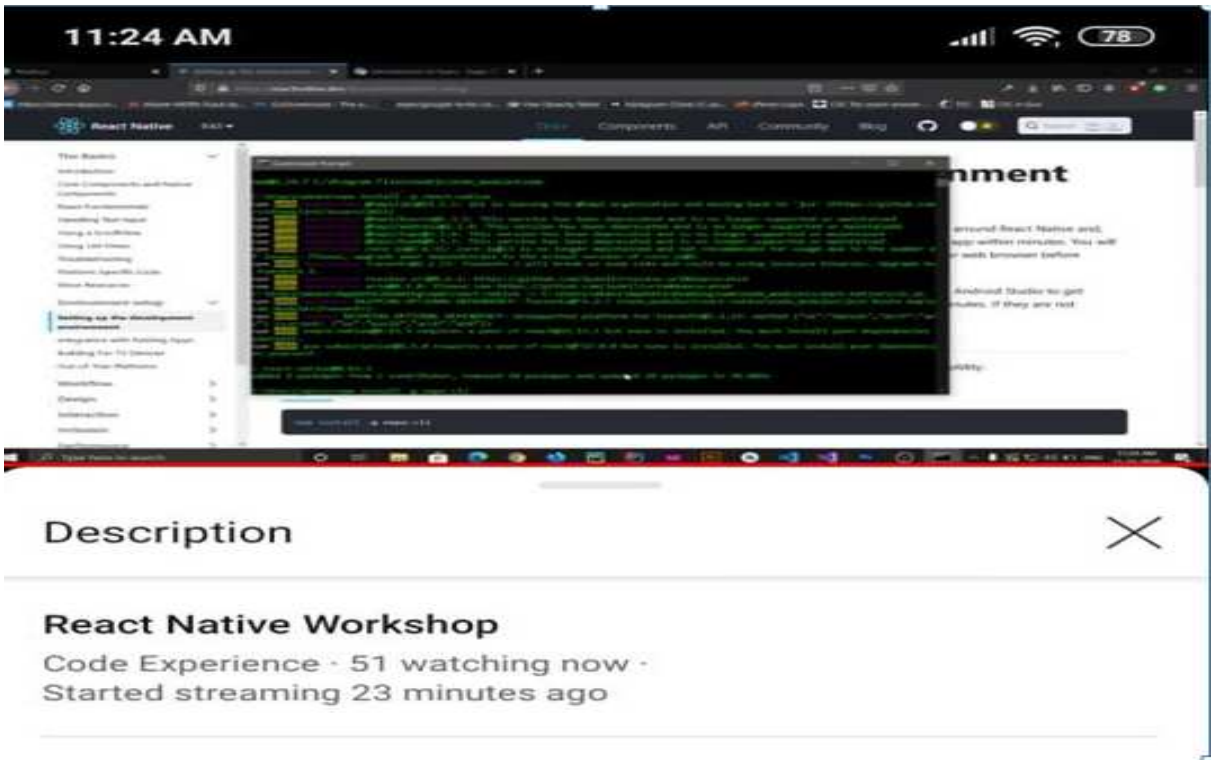
Mentors of the above classes are requested to share this information with their students.
Also mentors will provide the attendance of their students of this workshop to the faculty having class during this event.Faculty should punch the same attendance to erp under "Other Than Teaching " mode.

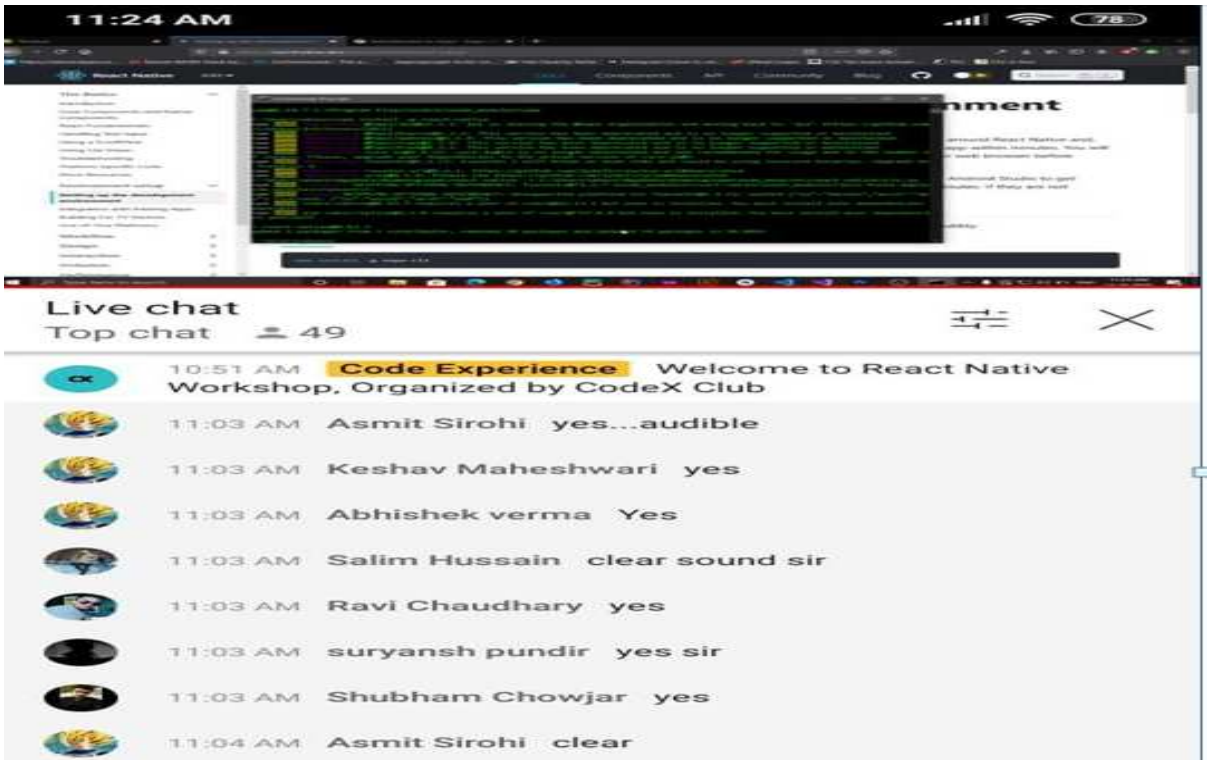
Satender Kumar
Coordinator CSE Department
Quantum University
Roorkee(UK)

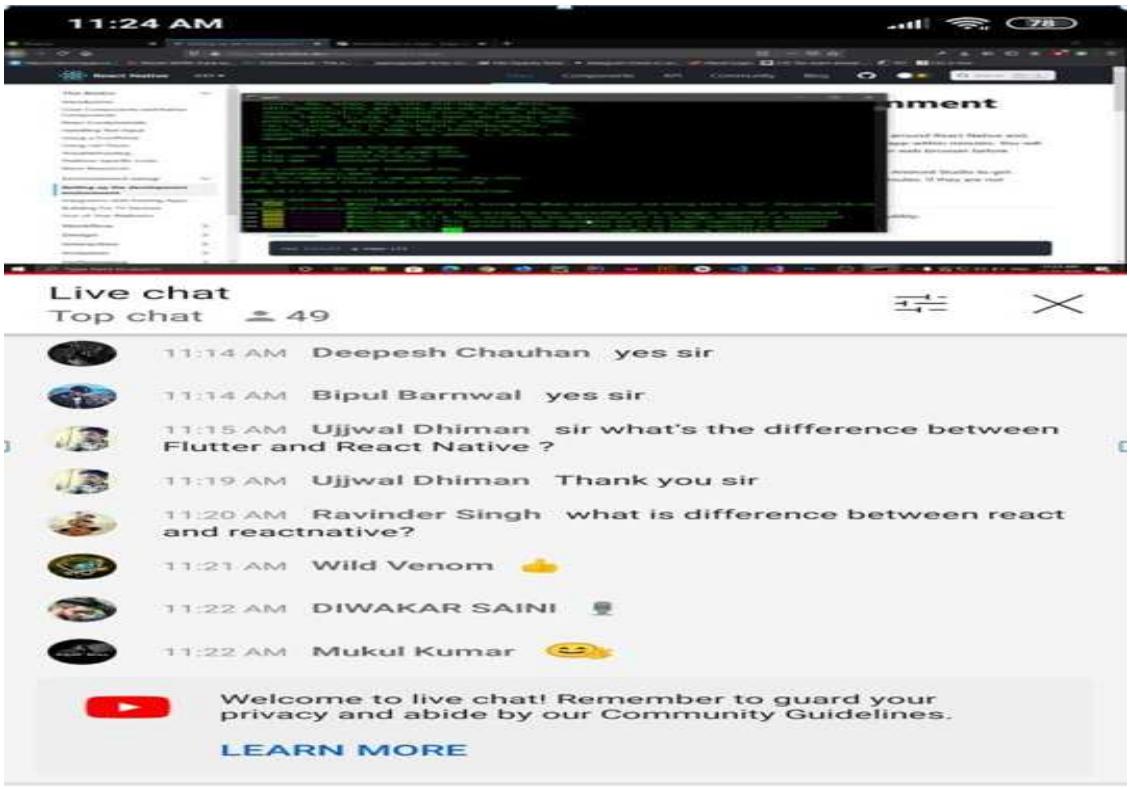
Workshop.jpg
213K

Satender Kumar <satenderkumar.cse@quantumeducation.in> Tue, Nov 10, 2020 at 6:14 PM
To: Aditi Arya <aditiarya.cse@quantumeducation.in>, Aditi Sharma <aditi.cse@quantumeducation.in>, Ankur Rana <ankurrana.cse@quantumeducation.in>, Anuj Kumar <anuj.cse@quantumeducation.in>, Chunnu Lal Voda <chunnulal.cse@quantumeducation.in>, Deepak Bhatt <deepakbhatt.cse@quantumeducation.in>, Himanshu Tyagi <himanshu.cse@quantumeducation.in>, Laxman Singh <laxman.cse@quantumeducation.in>, Mahindra Sawin <mahendra.cse@quantumeducation.in>, Mayur Srivastava <mayursrivastava.cse@quantumeducation.in>, Pundreekaksha Sharma <pundreekaksha.cse@quantumeducation.in>, Rishi Sharma <rishisharma.cse@quantumeducation.in>, Sandhya Samant <sandhyasamant.cse@quantumeducation.in>, Satender Kumar <satender.sunny@gmail.com>, Shalini Singh <shalini.cse@quantumeducation.in>, Shishir Sangal <shishirsangal.cse@quantumeducation.in>, Shobhit Prajapati

Photos of the Event






11:24 AM
Live chat
Top chat
49
11:14 AM Deepesh Chauhan yes sir
11:14 AM Bipul Barnwal yes sir
11:15 AM Ujjwal Dhiman sir what's the difference between Flutter and React Native ?
11:19 AM Ujjwal Dhiman Thank you sir
11:20 AM Ravinder Singh what is difference between react and reactnative?
11:21 AM Wild Venom
11:22 AM DIWAKAR SAINI
11:22 AM Mukul Kumar
Welcome to live chat! Remember to guard your privacy and abide by our Community Guidelines.
LEARN MORE

5. Workshop on “Salesforce Job Ready Program”

The Workshop on “Salesforce Job Ready Program” was held on **11/19/2020** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **CSE & BBA Pre-Final Year students** with a total strength of **49 attendees.** The program was led by **ICT Academy.**

The workshop on "Salesforce Job Ready Program" **aimed to provide participants with the necessary knowledge and skills to pursue a career in Salesforce, a leading customer relationship management (CRM) platform**. The program focused on preparing participants for job roles within the Salesforce ecosystem and equipping them with the essential skills required by employers in the industry.

The workshop began with an overview of Salesforce and its significance in the CRM domain. Participants gained insights into Salesforce's capabilities, features, and the various career opportunities available within the Salesforce ecosystem. The workshop offered comprehensive technical training on various aspects of Salesforce, including:

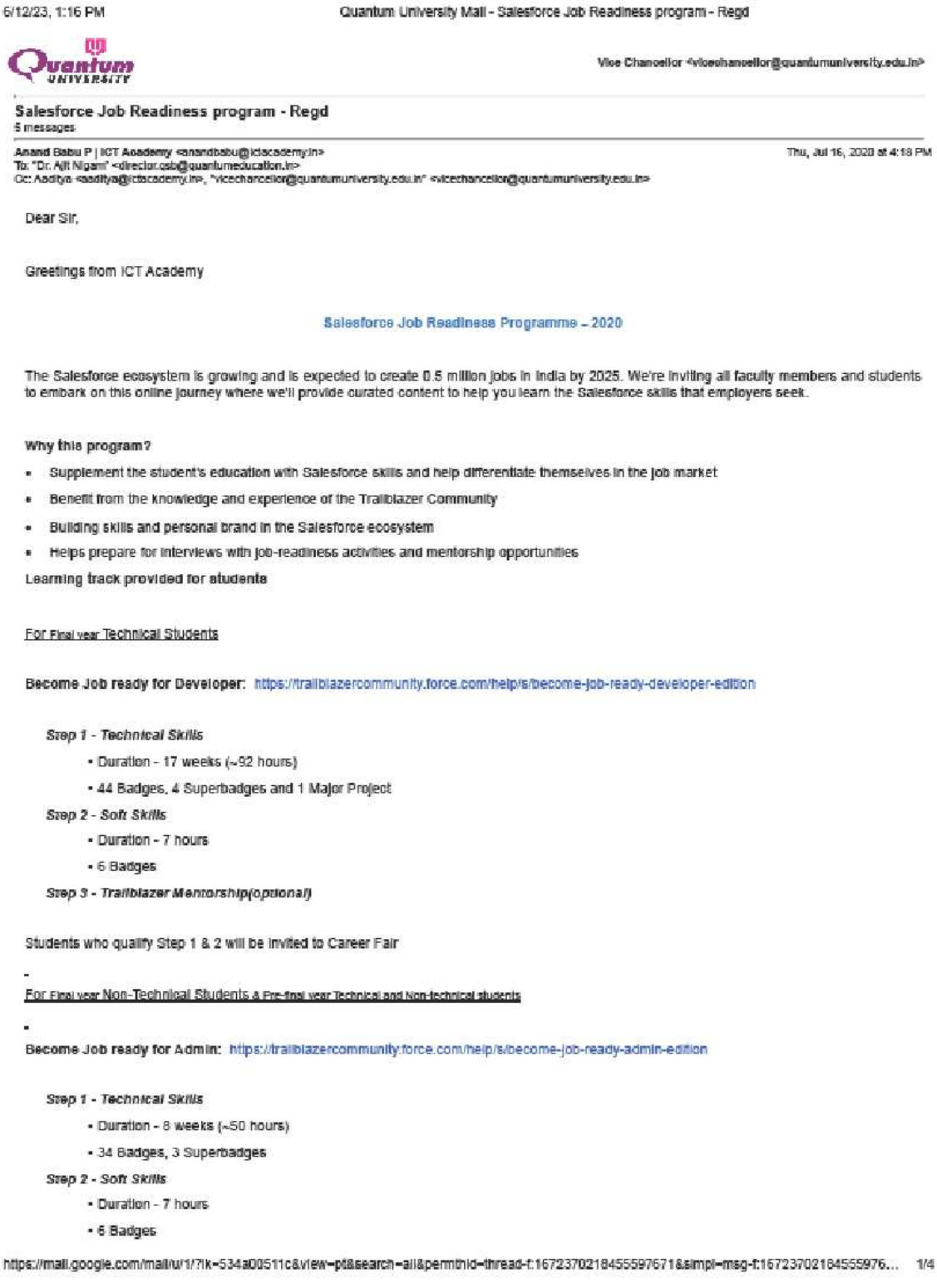
Salesforce Administration: Participants learned about the fundamentals of Salesforce administration, including user management, security settings, data management, and customization options.

Salesforce Development: The program covered the basics of Salesforce development, including Apex coding, Visualforce pages, and Lightning components. Participants were introduced to the Salesforce development environment and learned how to build and customize applications.

Salesforce Integration: The workshop provided an overview of Salesforce integration techniques, including REST and SOAP APIs. Participants gained hands-on experience in integrating Salesforce with external systems.

The workshop on "Salesforce Job Ready Program" provided participants with a comprehensive understanding of Salesforce and equipped them with the necessary skills to pursue careers in the

Salesforce ecosystem. It successfully prepared participants to become job-ready Salesforce professionals.



6/12/23, 1:16 PM Quantum University Mail - Salesforce Job Readiness program - Regd

Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Salesforce Job Readiness program - Regd

5 messages

Anand Babu P | ICT Academy <anandbabu@ictacademy.in> Thu, Jul 16, 2020 at 4:18 PM
To: "Dr. Ajit Nigam" <director.csb@quantumeducation.in>
Cc: Aaditya <aaditya@ictacademy.in>, "vicechancellor@quantumuniversity.edu.in" <vicechancellor@quantumuniversity.edu.in>

Dear Sir,

Greetings from ICT Academy

Salesforce Job Readiness Programme – 2020

The Salesforce ecosystem is growing and is expected to create 0.5 million jobs in India by 2025. We're inviting all faculty members and students to embark on this online journey where we'll provide curated content to help you learn the Salesforce skills that employers seek.

Why this program?

- Supplement the student's education with Salesforce skills and help differentiate themselves in the job market
- Benefit from the knowledge and experience of the Trailblazer Community
- Building skills and personal brand in the Salesforce ecosystem
- Helps prepare for interviews with job-readiness activities and mentorship opportunities

Learning track provided for students

For Final year Technical Students

Become Job ready for Developer: https://trailblazercommunity.force.com/help/s/become-job-ready-developer-edition

Step 1 - Technical Skills

- Duration - 17 weeks (~92 hours)
- 44 Badges, 4 Superbadges and 1 Major Project

Step 2 - Soft Skills

- Duration - 7 hours
- 6 Badges

Step 3 - Trailblazer Mentorship(optional)

Students who qualify Step 1 & 2 will be invited to Career Fair

-

For Final year Non-Technical Students & Pre-final year Technical and Non-technical students

-

Become Job ready for Admin: https://trailblazercommunity.force.com/help/s/become-job-ready-admin-edition

Step 1 - Technical Skills

- Duration - 8 weeks (~50 hours)
- 34 Badges, 3 Superbadges

Step 2 - Soft Skills

- Duration - 7 hours
- 6 Badges

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6. Workshop on “Machine Learning by Xebia”

The Workshop on **“Machine Learning by Xebia”** was held on **11/23/2020** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **B.Tech AIML 3rd Year students** with a total strength of **15 attendees.** The program was led by **ICT Academy.**

The workshop was aimed to **provide participants with a practical understanding of machine learning concepts and techniques**. The program focused on equipping participants with the necessary skills to apply machine learning algorithms and build predictive models for various real-world applications.

The workshop began with an introduction to machine learning, covering the basic concepts, types of machine learning algorithms, and their applications in various domains. Participants gained a clear understanding of the machine learning workflow and its relevance in today's data-driven world.

The workshop provided an overview of popular machine learning algorithms, including:

Supervised Learning: Participants learned about supervised learning algorithms such as linear regression, logistic regression, decision trees, and support vector machines. They gained insights into how these algorithms are used for classification and regression tasks.

Unsupervised Learning: The program introduced unsupervised learning algorithms, including clustering techniques like k-means clustering and hierarchical clustering, as well as dimensionality reduction methods such as principal component analysis (PCA).

Neural Networks: Participants were introduced to neural networks and deep learning. They learned about the architecture of neural networks, backpropagation algorithms, and popular deep learning frameworks like TensorFlow and PyTorch.

The workshop included interactive **Q&A sessions** where participants had the opportunity to clarify their doubts and seek guidance from the workshop facilitators and industry experts. The workshop

on "Machine Learning by Xebia" provided participants with a comprehensive understanding of machine learning concepts and techniques.

7. Workshop on “Introduction to Python”

The Workshop on “Introduction to Python” was held on **01/11/2021** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **First Year B.Tech (Sections S1, S2 & S3) students** with a total strength of **95 attendees.** The program was led by **Mr Rahul Panwar (IIT Mandi) Insergo Technologies, Dehradun.**

The workshop on "Introduction to Python" aimed to introduce participants to the basics of the Python programming language. **Mr. Rahul Panwar** began the workshop with an introduction to Python, its history, and its significance as a versatile programming language. The program covered the fundamental syntax of Python, including variables, data types (such as strings, numbers, lists, tuples, and dictionaries), and operators. Students learned about the Python development environment setup and gained familiarity with the Python. The program emphasized coding best practices, including code readability, documentation, and adhering to Python's style guide (PEP 8). Participants were provided with additional resources, such as recommended books, websites, and online tutorials, to further their Python learning journey.

The workshop included interactive Q&A sessions, allowing participants to seek clarification on concepts and receive guidance from the workshop facilitators. Overall the workshop provided participants with a strong foundation in Python programming. By covering the basics of Python syntax, data types, control structures, functions, and file handling, participants gained the necessary knowledge to start programming in Python.

The workshop successfully equipped participants with the skills and resources to continue their Python learning and apply their knowledge in various programming projects.

Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Workshop on Python : Mini Audi 1:35 onwards today

1 message

Dr.Chandani Sharma <chandanisharma.ece@quantumeducation.in> Mon, Jan 11, 2021 at 10:02 AM
To: QST Faculty <qstfm@quantumeducation.in>, QSB Faculty <qsbfm@quantumeducation.in>
Cc: "Dr. Gulshan Chauhan" <director@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>, Shobhit Goyal <vc@quantumeducation.in>

Dear all,

It is to inform you that Workshop on Python is scheduled today (Jan 11, 2021) for the students of 1st year BTech (all Branches) sections S1, S2 and S3. The details are as follows:

Timing : 1:35 pm - 3:35 pm
Venue : Mini Auditorium
Expert : Mr Rahul Panwar (M-Tech, IIT Mandi), Insergo Technologies Dehradun
Topics to be covered : 1- Introduction to Python
2- Installation
3- Data types in Python
4- Variable Declaration
5- Input Output
6- Decision Control
7- Loops in Python
8- Strings
9- Arrays
10- Functions
11- File Handling

Interested Faculty members are invited for the same.

Faculty having classes in BTech S1, S2 and S3 are required to be available along with students.

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"Thanks & Regards...!"
"Dr. Chandani Sharma"
"First year BTech and Diploma Engg. Coordinator"
"Quantum University, Roorkee"

"Mob: 8958308881 Email: chandani19nov@gmail.com <chandani19nov@gmail.com>"
"Google Scholar Citation: ""https://scholar.google.co.in/citations?hl=en&user=Pz11pdwAAAAJ <https://scholar.google.co.in/citations?hl=en&user=Pz11pdwAAAAJ>"
"Research Gate Profile: ""https://www.researchgate.net/profile/Chandani_Sharma3 <https://www.researchgate.net/profile/Chandani_Sharma3>"

Photos of the Event

Link of the Video

https://drive.google.com/file/d/11biHvO-TMvEOrX7iSxygFtONS9eSksVz/view?usp=drive_web

8. Webinar on "Applications of AI and IOT"

The Webinar on "Applications of AI and IOT" was held on **1st Jan, 2021** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **First Year B.Tech (Sections S1, S2 & S3) students** with the total strength of **95 attendees.** The program was led by **Mr. Mahendra Swain (Ph.D, Application Developer in IoT & AI).**

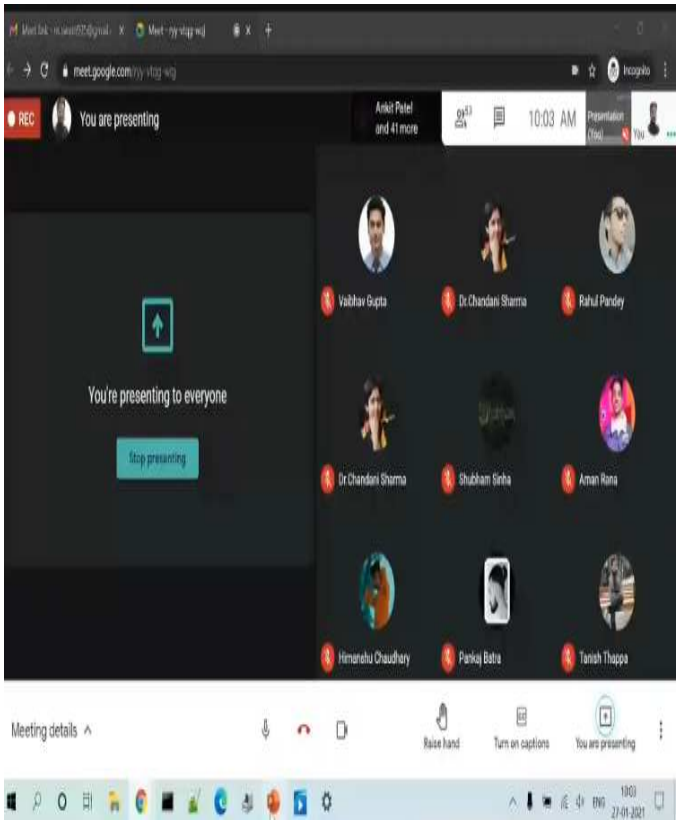
The webinar was **aimed to explore the intersection of artificial intelligence (AI) and the Internet of Things (IoT)** and discuss the various real-world applications and implications of this convergence. The program was focused on providing participants with insights into how AI and IoT technologies are transforming industries and driving innovation.

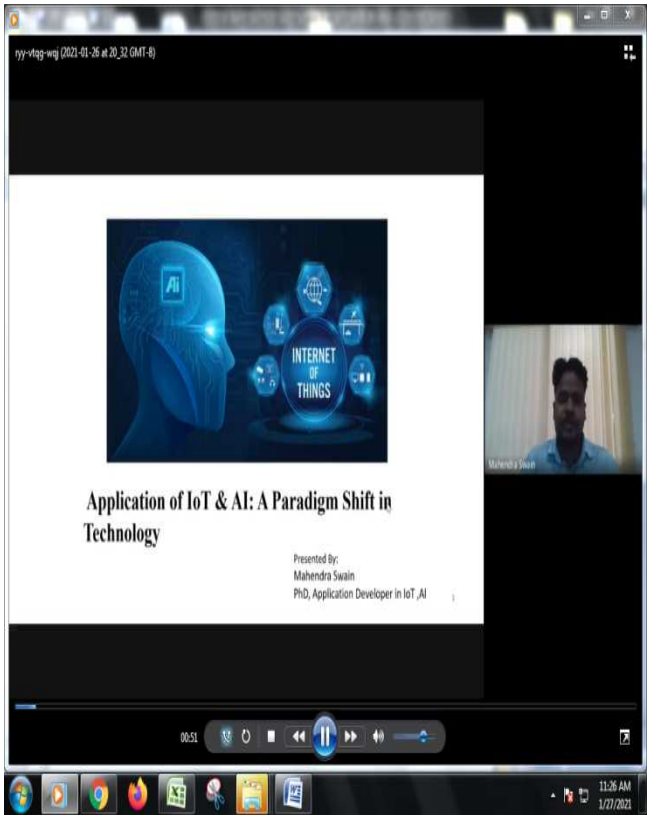
Mr. Mahendra Swain began the webinar with **an introduction to AI and IoT**, highlighting their key concepts, principles, and their respective contributions to technological advancements. Participants gained an understanding of the synergy between these technologies and their combined potential. The program delved into the applications of AI in IoT systems. Participants learned how AI algorithms and techniques, such as machine learning, deep learning, and natural language processing, can be applied to IoT data to extract valuable insights, enable predictive analytics, and enhance automation and decision-making processes. The presenter further exposed how IoT devices and sensors contribute to AI applications. Participants gained insights into how IoT-generated data can be utilized as input for AI models, enabling smarter and more contextualized decision-making.

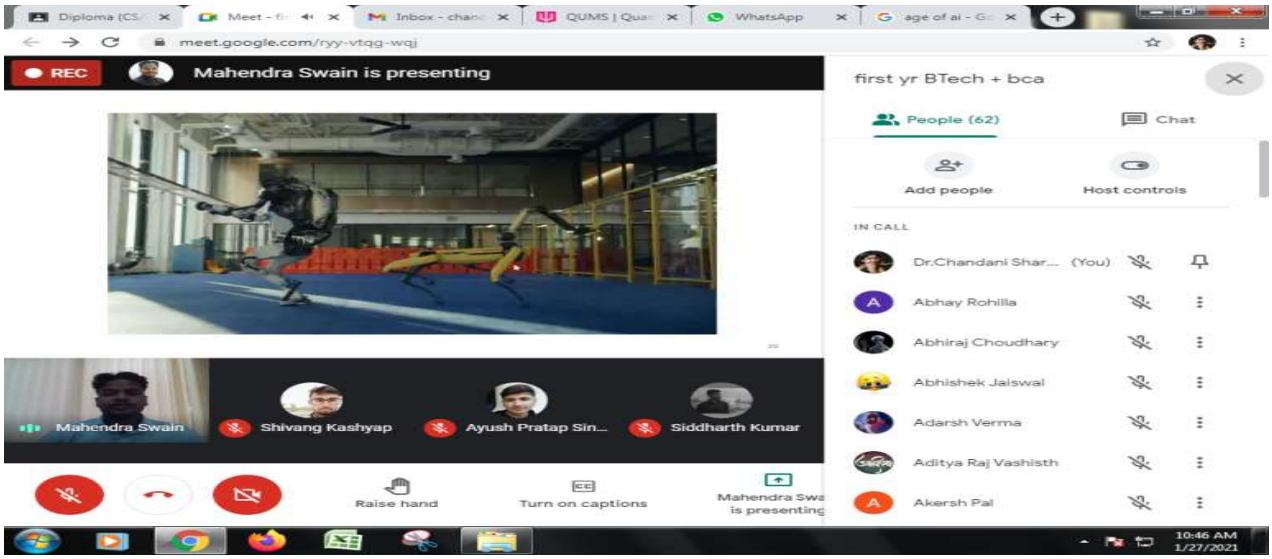
The webinar included an interactive Q&A session where participants had the opportunity to pose questions to the panel of experts. This session facilitated discussions, clarified doubts, and provided participants with additional insights. The webinar on "Applications of AI and IoT" provided participants with valuable insights into the convergence of AI and IoT technologies and their transformative potential across industries. Through discussions on AI in IoT and IoT in AI, participants gained a broader understanding of how these technologies can be integrated to drive innovation, improve decision-making processes, and create new opportunities.

Overall the webinar successfully highlighted the importance of AI and IoT in shaping the future of technology and offered a glimpse into the exciting possibilities that lie ahead.

Photos of the Event



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Abhay Rohilla
Abhiraj Choudhary
Abhishek Jaiswal
Adarsh Verma
Aditya Raj Vashisth
Akersh Pal
Mahendra Swain
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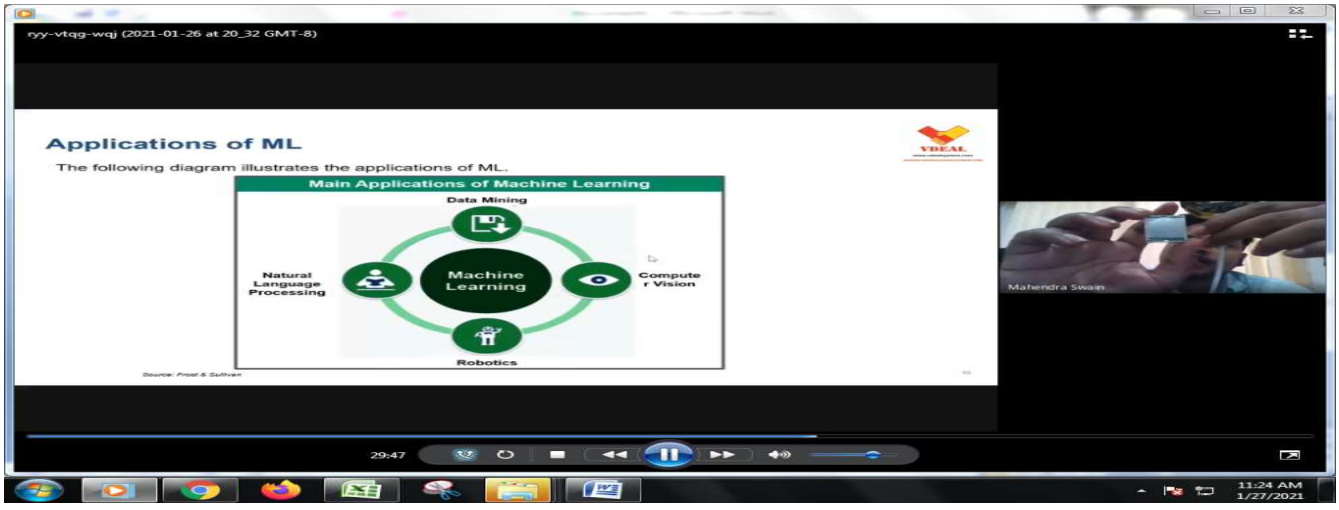
1/27/2021

ryy-vtqg-wqj (2021-01-26 at 20_32 GMT-8)
Real Time Deployment and Data Analysis
Sensor Node mounted on Motor
Data Visualization in Azure Cloud
Mahendra Swain
03:00
11:23 AM
1/27/2021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Applications of ML
The following diagram illustrates the applications of ML.
Main Applications of Machine Learning
Data Mining
Natural Language Processing
Machine Learning
Compute r Vision
Robotics
Mahendra Swain
29:47
11:24 AM
1/27/2021

9. Expert Talk on "Emerging from Chaos: The inception of startup"

The Expert Talk on **"Emerging from Chaos: The inception of startup"** was held on **1st Feb, 2021** at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **B.Tech First Year (Sections S1, S2 & S3) students** with the total strength of **78 attendees.** The program was led by **Mr. Bhav Sagar (Team Lead)** and **Mr. Ankit Bamal (Senior Software Developer)** from **DCube Software Solutions, Roorkee.**

The expert talk was aimed to **provide participants with insights and guidance on the process of starting and establishing a successful startup**. The talk focused on discussing the challenges, strategies, and key considerations involved in navigating the chaotic and dynamic landscape of entrepreneurship.

Mr. Bhav Sagar began with an **introduction to the startup ecosystem**, highlighting its significance and potential for innovation and economic growth. Participants gained insights into the characteristics, trends, and opportunities within the startup landscape. The speaker further emphasized the importance of identifying a problem or need in the market and developing a unique and viable solution. Participants learned about the process of conducting market research, understanding customer pain points, and creating a value proposition that addresses these challenges.

Mr. Ankit Bamal shared insights on **fundraising strategies and investment options available to startups**. Participants gained knowledge on different sources of funding, such as bootstrapping, angel investors, venture capital, and crowdfunding. The speaker highlighted the importance of a solid business plan and pitching techniques to attract potential investors.

The expert talk concluded with an interactive **Q&A session**, where participants had the opportunity to seek clarifications, share their experiences, and gain further insights from the expert. Overall, the **expert talk served as a valuable resource for aspiring entrepreneurs looking to navigate the challenges and opportunities of the startup ecosystem**.

Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Guest Lecture : Mini Auditorium 10 am today : "Emerging from Chaos:The inception of startup"

1 message

Dr.Chandani Sharma <chandanisharma.ece@quantumeducation.in> Mon, Feb 1, 2021 at 9:13 AM
To: QST Faculty <qstfm@quantumeducation.in>, QSB Faculty <qsbfm@quantumeducation.in>
Cc: "Dr. Gulshan Chauhan" <director@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>, Shobhit Goyal <vc@quantumeducation.in>

Dear all,

It is to inform you that the Guest Lecture on **"Emerging from Chaos: The inception of startup"** is scheduled today (Feb 1, 2021) for the students of 1st year BTech (all Branches) sections S1, S2 and S3. The details are as follows:

Timing : 10:00 am - 11:00 am

Venue : Mini Auditorium

Experts : Presenter #1 : Mr. Bhav Sagar (Team Lead)
Presenter #2 : Mr. Ankit Bansal (Senior Software Developer)

Company/Organization : DCube Software Solutions, Roorkee

Topic of Lecture : "Emerging from Chaos: The inception of startup"

Interested Faculty members are invited for the same.

--

"Thanks & Regards...!"
"Dr. Chandani Sharma"
"First year BTech and Diploma Engg. Coordinator"
"Quantum University, Roorkee"

"Mob: 8958308881 Email: chandani19nov@gmail.com <chandani19nov@gmail.com>"
"Google Scholar Citation: ""https://scholar.google.co.in/citations?hl=en&user=Pz11pdwAAAAJ
"Research Gate Profile: ""https://www.researchgate.net/profile/Chandani_Sharma3

Photos of the Event

Quantum
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The Future is
exciting

11. National workshop on "Modern Embedded Systems and Computing: Challenges and Opportunities"

The National workshop on "Modern Embedded Systems and Computing: Challenges and Opportunities" was held on 19th Feb, 2021 at Quantum University organized by **Department of Technology** in association with **Institution Innovation Council** for the **engineering students** with a total strength of **600 attendees**. The program was led by **Prof. Ramesh Gaonkar** (Professor Emeritus SUNYOCC, Syracuse, NewYork)**, Dr. V. D. Pathak** (Professor Emeritus SUNYOCC, Syracuse, NewYork, Visiting Faculty IIT Gandhinagar)**, Dr. Ajay V. Deshmukh** (Visiting Faculty IIT Gandhinagar Former Prof. of Mathematics) **and Prof. S. A. Katre** (Former Principal & Prof. of Instrumentation & Control, Industry Consultant & Independent Director, Visiting Prof Bhaskaracharya Pratisthana, Pune, Lokmanya Tilak Chair Prof. Savitribai Phule Pune University) SPPU Pune) and President of our Indian Academy of Industrial and Applicable Mathematics (IAIAM) Pune.

The workshop was aimed **to provide participants with an understanding of the latest trends, challenges, and opportunities in the field of embedded systems and computing**. The program focused on exploring the advancements in hardware, software, and connectivity that are shaping the future of embedded systems and their applications.

Prof. Ramesh Gaonkar began the session with an **introduction to embedded systems, emphasizing their importance in various industries and everyday life**. Participants gained insights into the characteristics, components, and applications of embedded systems. The program explored the latest advancements and emerging technologies in embedded systems. Topics covered included Internet of Things (IoT), edge computing, artificial intelligence (AI), machine learning (ML), robotics, and sensor networks. Participants learned about the potential applications and challenges associated with these technologies. **Dr. V. D. Pathak** delved into the hardware and software aspects of modern embedded systems. Participants learned about the latest microcontrollers, system-on-chip (SoC) platforms, and development boards used in embedded systems. They also gained insights into programming languages, real-time operating systems (RTOS), and software development tools for embedded systems.

Dr. Ajay V. Deshmukh focused on the importance **of connectivity in modern embedded systems**. Participants learned about wireless communication protocols, such as Wi-Fi, Bluetooth, and Zigbee, and their applications in IoT and interconnected embedded systems. He also highlighted the challenges and security considerations associated with embedded system connectivity. Participants gained insights into the agile development process, rapid prototyping techniques, and hardware-software co-design methodologies. They also learned about testing, debugging, and optimization strategies for embedded systems. **Prof. S. A. Katre** showcased real-world applications and case studies of embedded systems in various industries, including automotive, healthcare, smart cities, industrial automation, and consumer electronics. Participants gained valuable insights into the challenges faced by industry professionals and the innovative solutions developed using embedded systems.

The workshop provided **participants with valuable insights into the advancements and challenges in the field of embedded systems**. Through discussions on emerging technologies, hardware and software considerations, connectivity, design methodologies, and industry applications, participants gained a comprehensive understanding of the modern landscape of embedded systems. Overall, the workshop served as a platform for participants to explore the possibilities and opportunities in the field of embedded systems and fostered networking and collaboration within the embedded systems community.

Invitation to attend National workshop on 'Modern Embedded Systems andComputing : Challenges and Opportunities'

Inbox ×

Dr. Aditi Sharma <aditi.cse@quantumeducation.in> Thu, Feb 18, 2021, 12:50 PM

to amarnath.1901008, usama.j.khan98, neilbarwade0000, rekhadgl2000, subashsakthivel13122001, naveenraj692000, anuyadavsoma63, itdchief6, varshini17072001, deveshnaidu7030, jprasad, tanesh

Dear Participants,

Greetings from the Quantum University!!!

We are happy to inform you that you have been invited to participate in National workshop on **'Modern Embedded Systems and Computing : Challenges and Opportunities'** to be held at Quantum University, Roorkee in association with Indian Academy of Industrial and Applicable Mathematics (IAIAM) Pune, Lokmanya Tilak Chair Prof. Savitribai Phule Pune University) SPPU Pune and Bhaskaracharya Pratishthana, Pune on 19th Feb 2021.

You are requested to be present in the workshop 10 minutes before 9:00 am. Its compulsory to attend the workshop for issuing a digital certificate along with filling the feedback form(at the time of valedictory function). You are requested to raise hand or drop your question into the chat box in case if you have any query in between the session.

Please feel free to ask any queries that you might have regarding the workshop at +917447474652/+918058940685/+918114451962.

The details of the whatsapp group and time table are given below:

https://chat.whatsapp.com/B6pqbmCf0elFeyNvA6VLMq

To join meeting link of Google Meet is as follows-

https://meet.google.com/oyk-dtgd-yhg

The event will be hosted on live at Youtube channel , in case you face any difficulty with joining into Google Meet please attend the workshop on Youtube live. Youtube live is as follows-

https://youtu.be/LNpHPCe3PX0

Poster of the Event

Link of the Video:

https://youtu.be/LNpHPCe3PX0

Photos of the Event

National Workshop on Modern Embedded Systems and Computing: Challen...
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Watch later
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National Workshop on Modern Embedded Systems and Computing: Challen...
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Vice Chancellor
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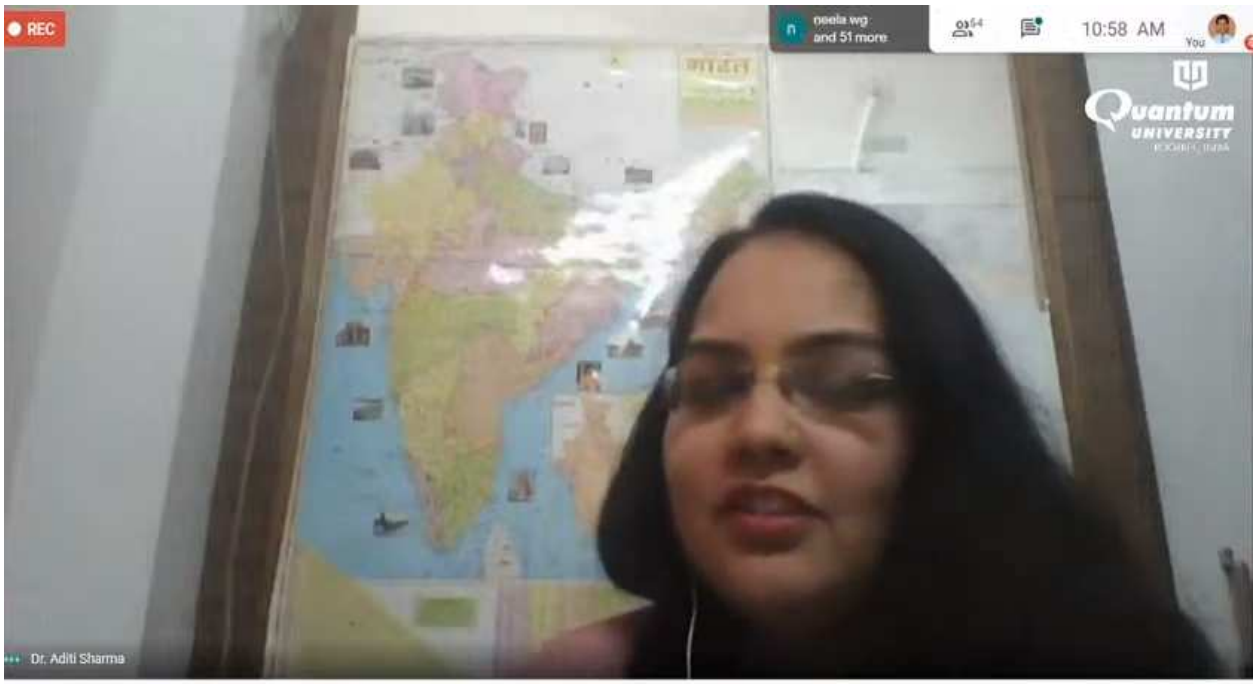
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Dr. Aditi Sharma
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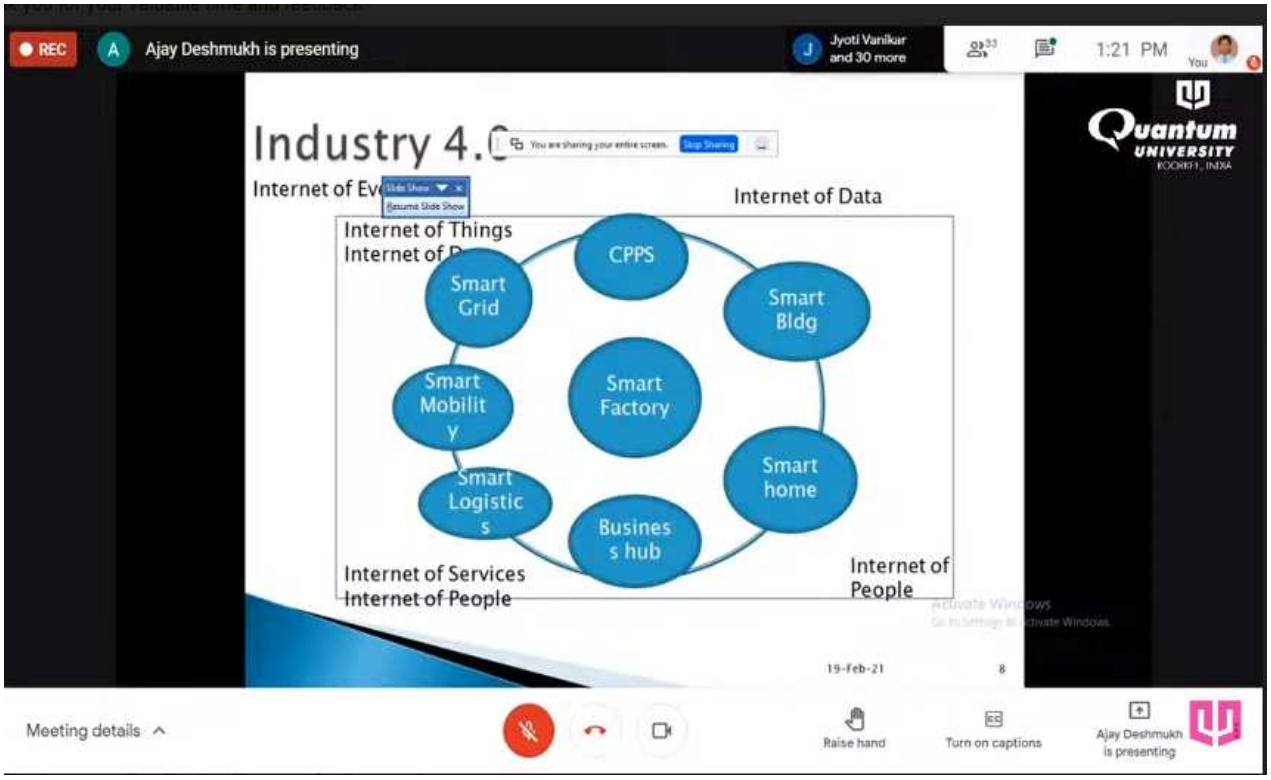
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Internet of Things
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Smart Grid
Smart Bldg
Smart Mobility
Smart Factory
Smart Logistics
Smart home
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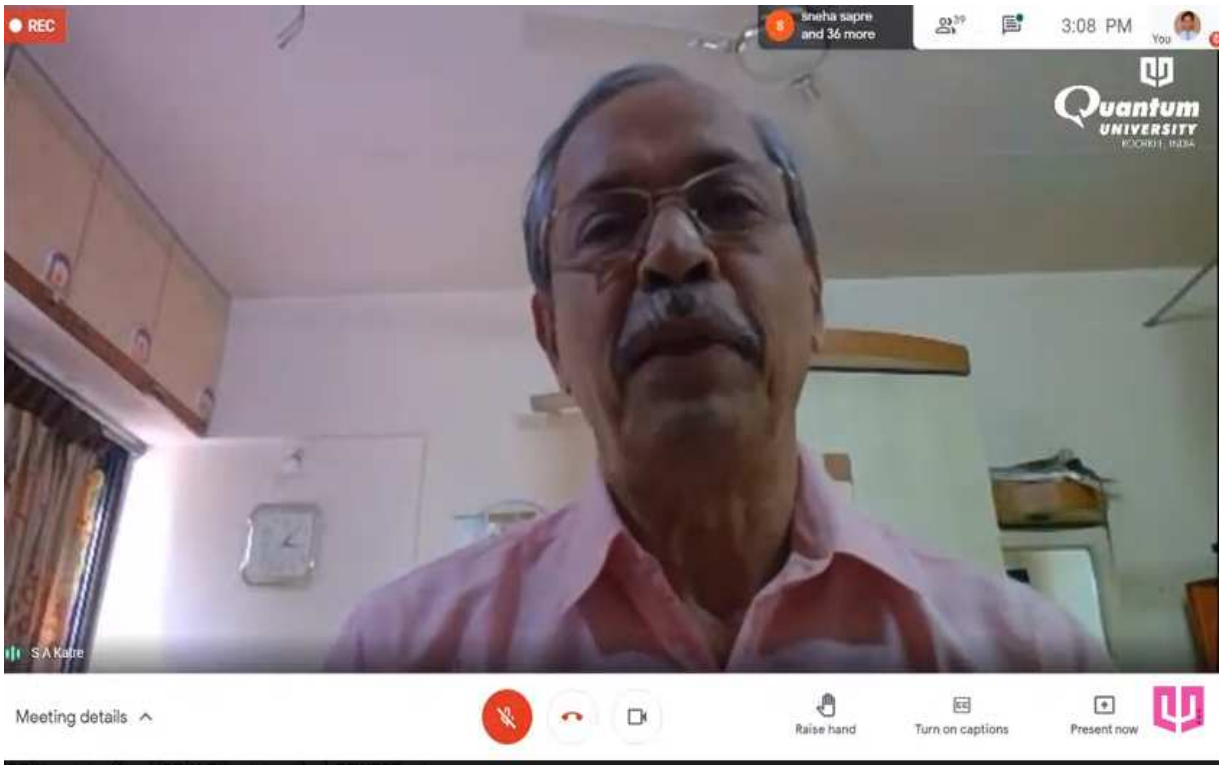
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National Workshop on Modern Embedded Systems and Computing: Challen...
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Watch later
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Dr. Gulshan Chauhan
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YouTube

11. Expert Talk on "Entrepreneurship in Agriculture"

The Expert Talk on "Entrepreneurship in Agriculture" was held on 25th Feb, 2021 at Quantum University organized by **Department of Agricultural Studies** in association with **Institution Innovation Council** for the **3rd Year B.Sc. Ag Students** with the total strength of **162 attendees**. The program was led by **Dr. Arun Penauli (**Coordinator**-** MBA Dept, Quantum University, Roorkee**).**

The expert talk was aimed to **provide participants with insights and guidance on the opportunities, challenges, and strategies involved in starting and managing successful agricultural ventures.** The talk focused on highlighting the importance of entrepreneurship in driving innovation, sustainability, and economic growth in the agricultural sector.

Dr. Arun Penauli began with an introduction to agricultural entrepreneurship, emphasizing its significance in addressing the evolving needs and demands of the agricultural industry. **Participants** gained insights into the role of entrepreneurs in creating value, driving innovation, and transforming traditional agricultural practices. He discussed the various opportunities available in the agricultural sector, such as precision farming, vertical farming, agri-tech solutions, organic farming, value-added products, and agricultural tourism. **Participants** learned how to identify market gaps, consumer trends, and technological advancements that can be leveraged to create innovative agricultural ventures. The talk highlighted the importance of sustainable agricultural practices and their integration into entrepreneurial ventures. The expert also discussed the key components of a business plan for agricultural ventures. The talk focused on effective marketing and branding strategies for agricultural products and services. The speaker further emphasized the importance of building a strong brand and establishing relationships with customers and stakeholders.

The expert talk concluded with an **interactive Q&A session**, allowing participants to seek clarifications, share their experiences, and gain further insights from the expert. Through discussions on identifying opportunities, sustainable agriculture, business planning, marketing, and risk management, participants gained a comprehensive understanding of the entrepreneurial aspects of the agricultural sector. The success stories and lessons learned from experienced entrepreneurs inspired participants and provided

practical guidance for starting and managing their own agricultural ventures. Overall, the expert talk served as a valuable resource for aspiring agricultural entrepreneurs looking to drive innovation, sustainability, and economic growth in the agricultural industry.

Photos of the Event

12. Workshop on "Fusion 360"

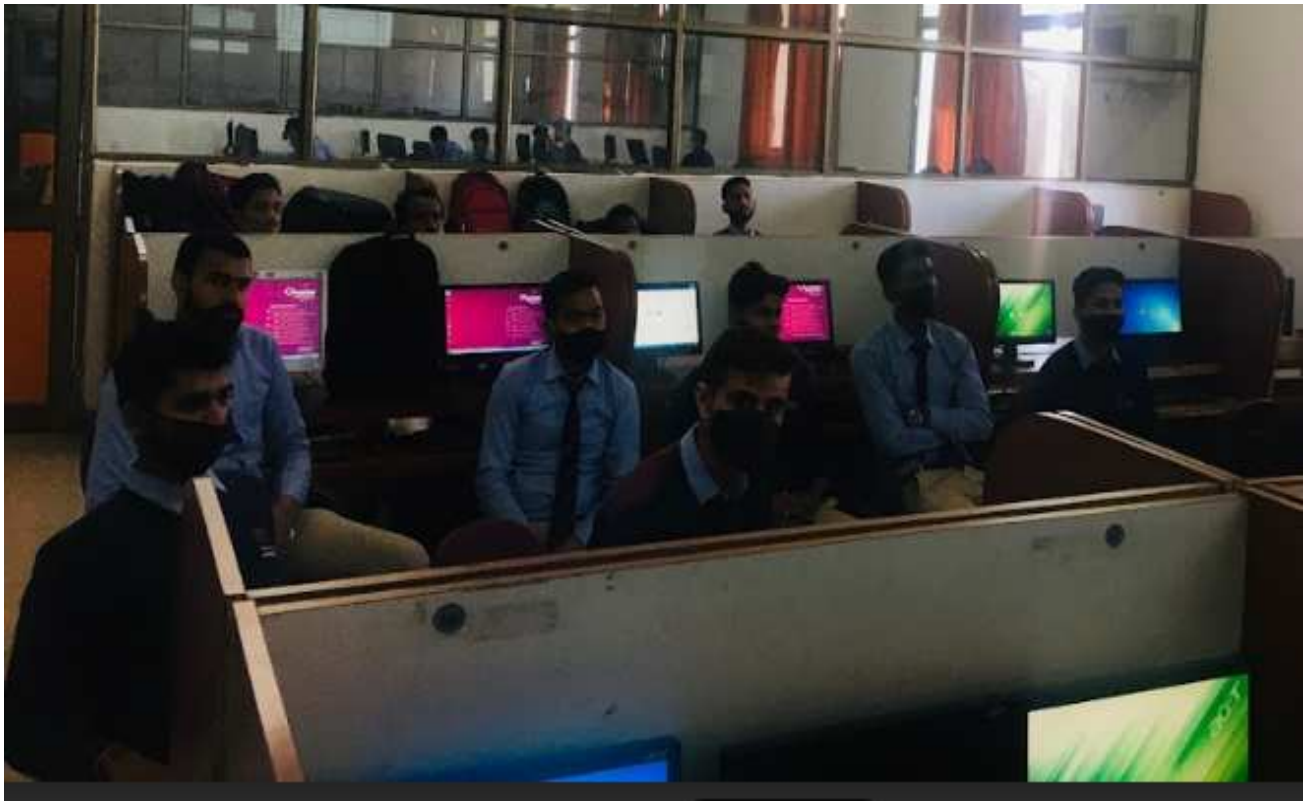
The Workshop on "Fusion 360" was held on 2nd March, 2021 at Quantum University organized by **Department of Mechanical Engineering** in **association** with **Institution Innovation Council** for the **2nd** and **3rd Year ME Students** with a total strength of **35 attendees at A304 computer lab**. The program was led by **Mr. Naveen Rana (**Department of ME, Quantum University, Roorkee)**.**

The workshop was aimed **to provide participants with hands-on training and practical knowledge of using Fusion 360, a powerful computer-aided design (CAD) and computer-aided manufacturing (CAM) software**. The program focused on enabling participants to create 3D models, design prototypes, and simulate manufacturing processes using Fusion 360's comprehensive set of tools and features.

Mr. Naveen Rana began with an introduction to Fusion 360, highlighting its capabilities, features, and applications in various industries. Participants gained an understanding of Fusion 360's user interface, navigation tools, and the integration of CAD and CAM functionalities. He provided hands-on training on creating 3D models using Fusion 360. Participants learned various techniques to sketch, extrude, revolve, and modify geometries to create complex 3D shapes. He also covered advanced modeling features such as parametric design, assembly modeling, and surface modeling. He shared tips and tricks for maximizing productivity and efficiency in Fusion 360. Participants learned shortcuts, customization options, and best practices to streamline their design workflows and improve their overall proficiency with the software.

The workshop concluded with a Q&A session, allowing participants to seek clarifications, share their experiences, and gain further insights from the workshop facilitators. Overall, the workshop served as a valuable resource for individuals looking to enhance their proficiency in Fusion 360 and leverage its powerful features for design and manufacturing purposes.

Photos of the Event



13. Working of "CMOS Photosensor in Digital Camera"

The **Expert Talk** on Working of "CMOS Photosensor in Digital Camera" was held on 2nd March, 2021 at Quantum University organized by **Department of Technology** in **association** with **Institution Innovation Council** for **Students of Department of ME and Photography Club (BJMC)** with the total strength of **66 attendees at Mini Auditorium**. The program was led by **Mr. Guru Prabhat** (Faculty of Technology, Quantum University).

Mr. Guru Prabhat explained the fundamentals of imaging sensors used in modern smartphones and DSLRs. Whole presentation centered on explanation of resolution power, megapixel counts, size of imaging sensor and comparison between CCD and CMOS sensors. He presented many photographs showing advantages and shortcomings of various sensors.

The workshop concluded with a Q&A session, allowing participants to seek clarifications, share their experiences, and gain further insights from the workshop facilitators. Overall, the lecture was filled with comprehensive details about digital imaging and was informative too.

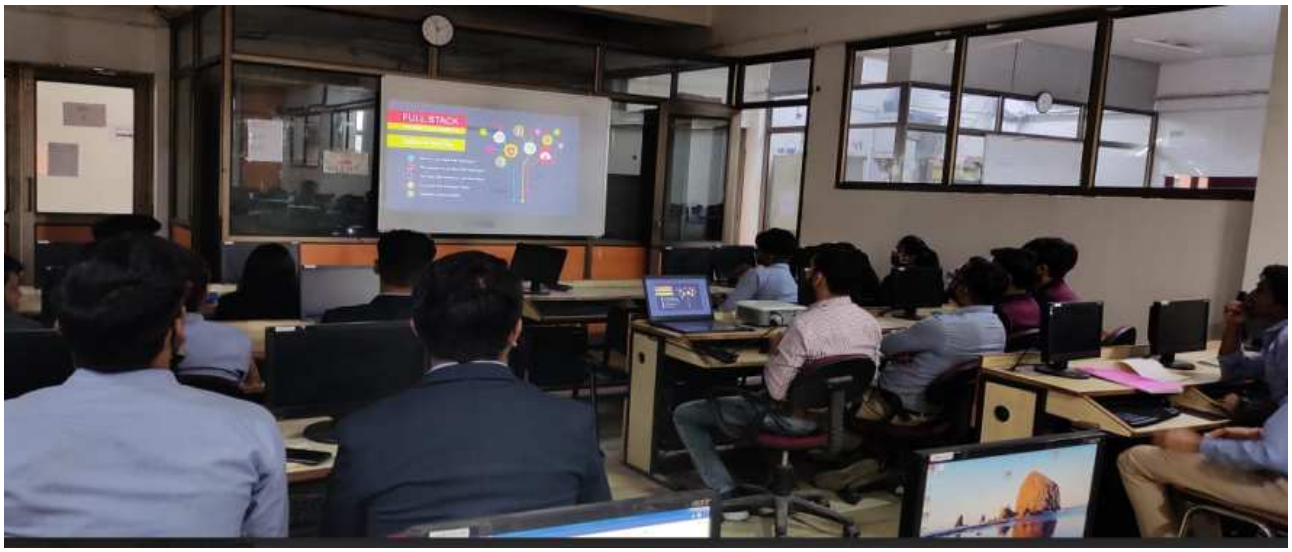
Photos of the Event

14. Workshop on "Web Technology"

The Workshop on "Web Technology" was held on 13th March, 2021 at Quantum University organized by **Department of Technology** in **association** with **Institution Innovation Council** for **Students of CSE** with the total strength of **62 attendees at Computer Lab**. The program was facilitated by **Mr. Rajat Tyagi** (Rubico IT, Haridwar).

The workshop was quite interactive and knowledgeable. It had some most demanded topics like the use of Git for version control while the most of the session was about Web Technology, starting with a basic introduction to Bootstrap. **Mr. Rajat Tyagi addresses** Bootstrap as the most popular HTML, CSS, and JavaScript framework for developing responsive, mobile-first websites. It is an open source CSS framework directed at a responsive, mobile –first front end web development. During the session, students created a registration form and applied validations on it. The form contained a text field for Name, Father's Name and Radio Button for Gender. It had a submit button that would submit the data into a database. Furthermore, a brief introduction about database connectivity was given. The instructor took questions from the students and answered them with live examples wherever possible.

Photos of the Event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15. Workshop on "Natural Farming"

The Workshop on "Natural Farming" was held on **19th March, 2021** at Quantum University organized by **Department of Agricultural Studies** in **association** with **Institution Innovation Council** for **Students of Agriculture** with a total strength of **89 attendees**. The program was facilitated by **Dr. Anjay Singh Bisht** (Assistant Professor, Quantum University).

Dr. Anjay Singh Bisht explained to students the importance of Natural farming and explained various techniques and applications of Natural farming. He explained various products which are chemical free like Beejamrit, Jeevamrit, Neemastra, Brahmastra etc. These natural farming products are very beneficial from an economic point of view. Students prepared Beejamrit, Jeevamrit, Neemastra and allowed it to ferment for 48hrs, after which they will apply it to their crop field.)

Photos of the Event

16. Workshop on "Robotics & Automation"

The Workshop on "Robotics & Automation" was held on **20th March, 2021** at Quantum University organized by **Department of Mechanical Engineering** in **association** with **Institution Innovation Council** for **B.Tech M.E. Students** with the total strength of **39 attendees**. The program was facilitated by **Dr. Kamlesh Singh** (Associate Professor, Department of Mechanical and Mechatronics Engineering, Quantum University, Roorkee).

The workshop began with an opening session where **Mr. M. Kannan** welcomed participants and introduced the objectives of the event. **Dr. Kamlesh Singh** delivered presentations on different aspects of robotics and automation. Students had the opportunity to witness live demonstrations of robotic systems and automation technologies. The workshop included interactive sessions where participants could engage with the speakers and ask questions. Overall, the workshop provided an excellent platform for students to gain a comprehensive understanding of the latest developments and applications in the field. The event fostered collaboration and networking, enabling students to establish connections and exchange ideas. By bridging the gap between theory and practice, the workshop contributed to the advancement of robotics and automation in various industries, promoting innovation and technological progress.

Photos of the Event

SHOP ON
OBOTICS

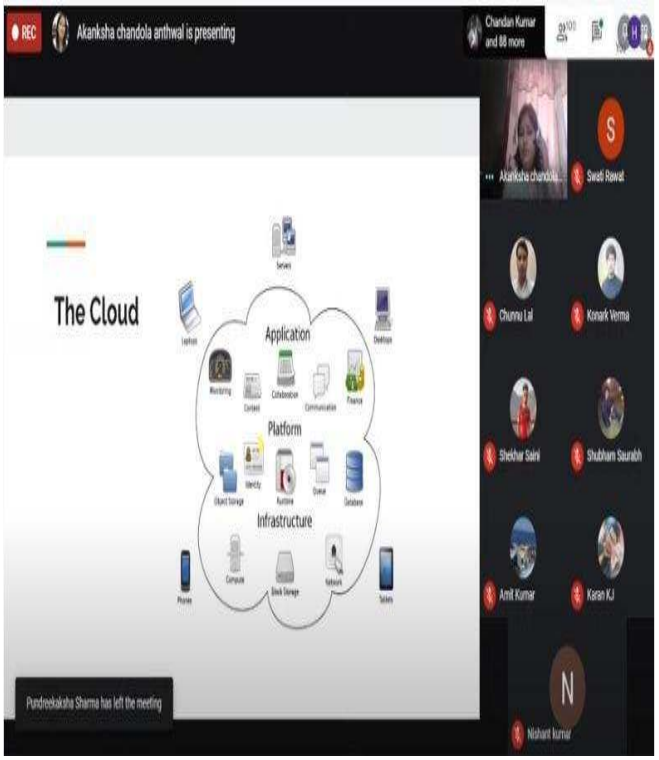
17. Workshop on "Cloud Computing Skill Development"

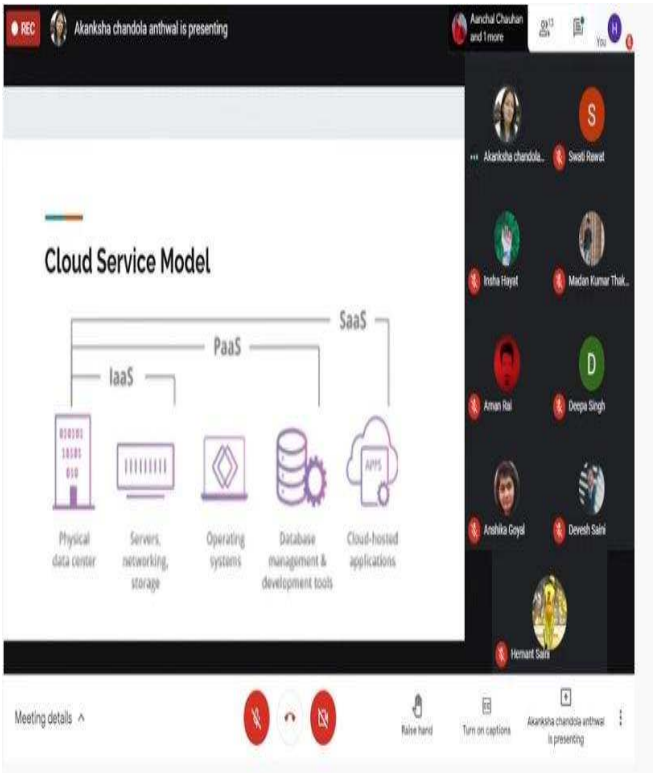
The online Workshop on **"Cloud Computing Skill Development"** was held on **10th April, 2021** at Quantum University organized by **Department of Technology** in **association** with **Institution Innovation Council** for **Engineering Students** with a total strength of **101 attendees**. The program was facilitated by **Dr. Akanksha Chandola** (Google certified cloud practitioner). The objective of the workshop was to provide participants with a comprehensive understanding of cloud computing concepts, technologies, and best practices.

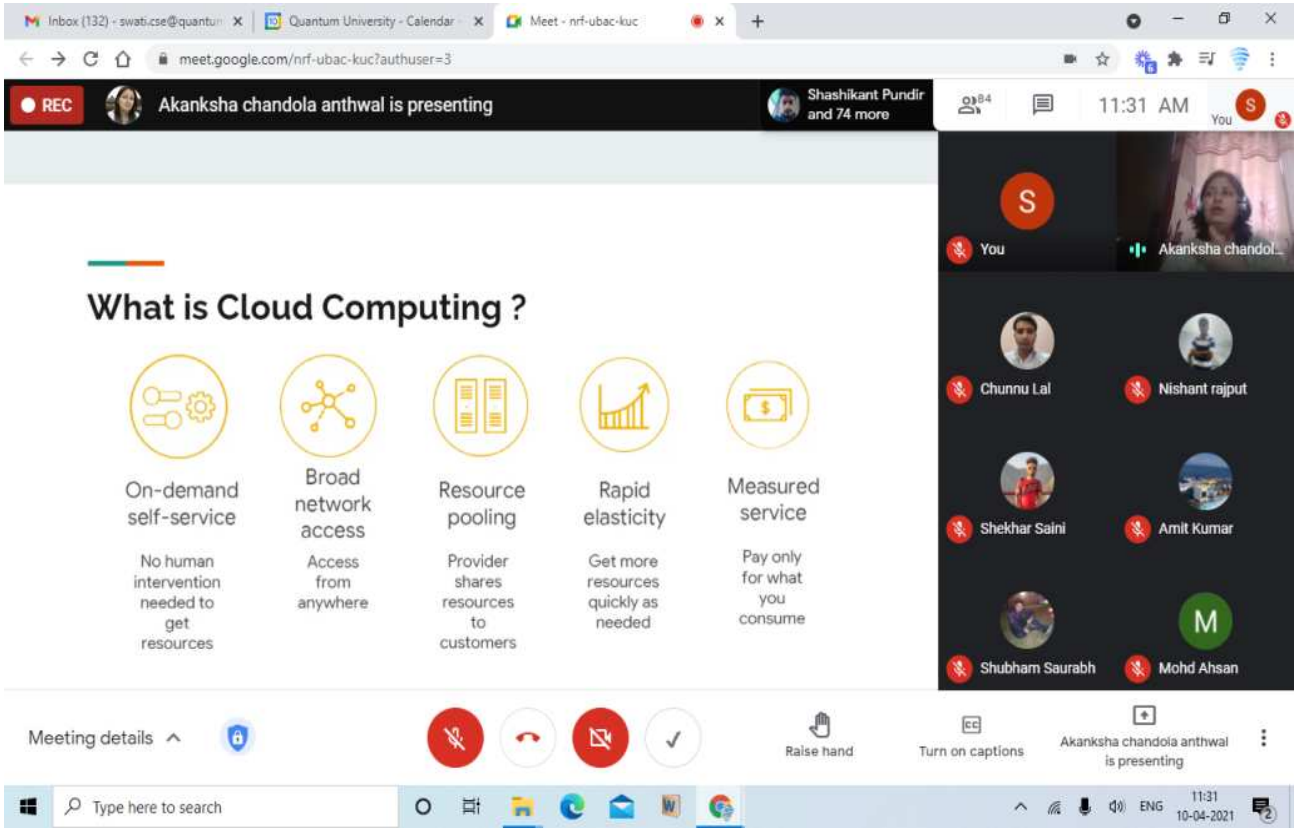
Dr. Akanksha Chandola began with an overview of cloud computing, explaining its key concepts, benefits, and different service models (Infrastructure as a Service, Platform as a Service, and Software as a Service). She shared knowledge on various cloud computing technologies and platforms. Participants gained insights into the role of cloud computing in transforming the IT landscape and enabling organizations to scale their resources dynamically. The workshop included interactive sessions where participants had the opportunity to ask questions and engage in discussions with the speakers. Participants could share their experiences, challenges, and insights related to cloud computing implementations in their respective organizations.

The workshop proved to be a valuable learning experience for participants, equipping them with essential knowledge and hands-on skills in cloud computing. By exploring various technologies, best practices, and real-world case studies, participants gained insights into the potential of cloud computing for organizations of all sizes. The interactive nature of the workshop facilitated knowledge sharing and networking among participants, fostering collaboration and innovation in the field. Overall, the workshop contributed to the professional development and readiness of participants in leveraging cloud computing technologies effectively.

Photos of the Event





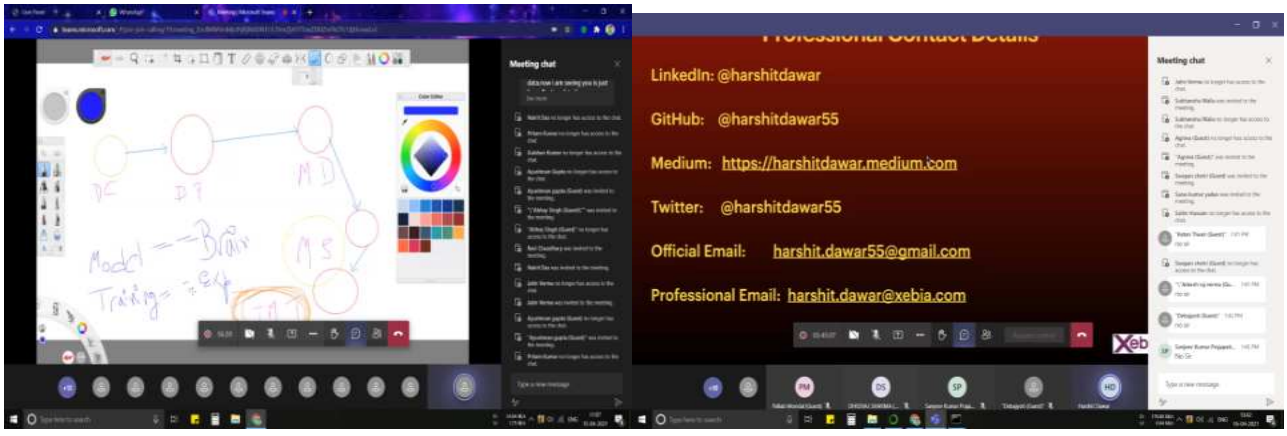


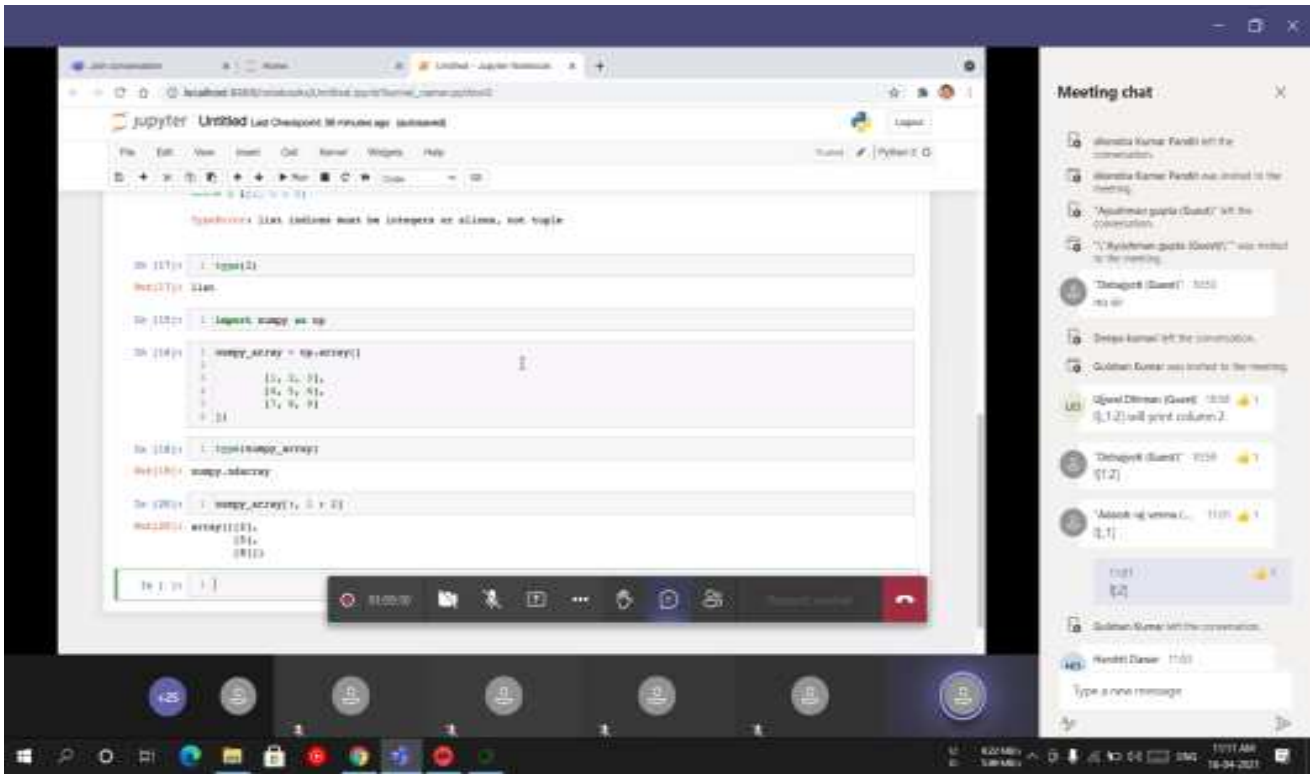
18. Workshop on "Data Science" by Xebia

The online Workshop on **"Data Science" by Xebia** was held on **15th April, 2021 to 16th April 2021** at Quantum University organized by **Department of Technology** in **association** with **Institution Innovation Council** for **B.Tech CSE (AI&ML) 3rd Year Students** with a total strength of **30 attendees**. The program was facilitated by **Mr. Harshit Dawar** (Xebia). The objective of the workshop was to provide participants with a comprehensive understanding of cloud computing concepts, technologies, and best practices.

The first day of the workshop covered the introductory topics such as data science and its wide range of applications across various domains including science, engineering, technology, management, statistics, and many more. On the second day of the workshop, students were given an introduction about the python programming language and its application in the field of data science. Topics such as installation of various cross platform integrated development environment for python (i.e. Anaconda and Jupyter notebook) and the use of various libraries such as NumPy, SciPy, Pandas, Matplotlib, Keras, SciKit-Learn were covered. The workshop provided the students an ideal mix of theory and practical knowledge of python and data science. Students gained a firm understanding in python programming as well as its application in the data science ecosystem.

Photos of the Event

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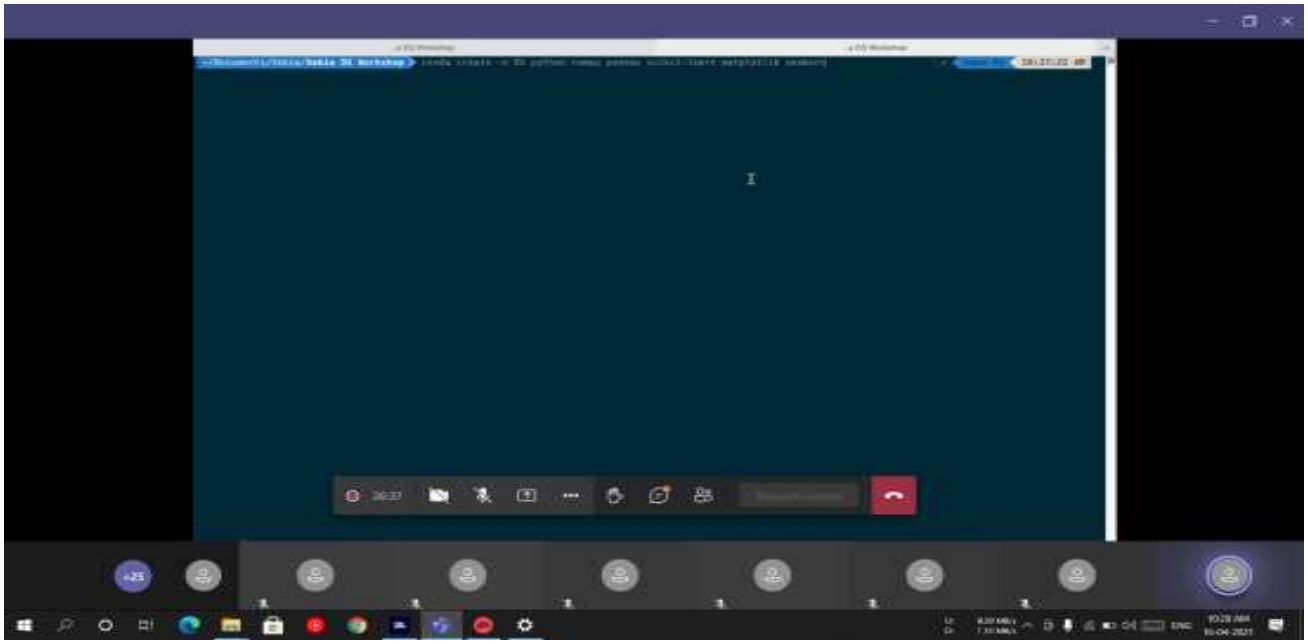


19. Webinar on "Introduction to Securities Market"

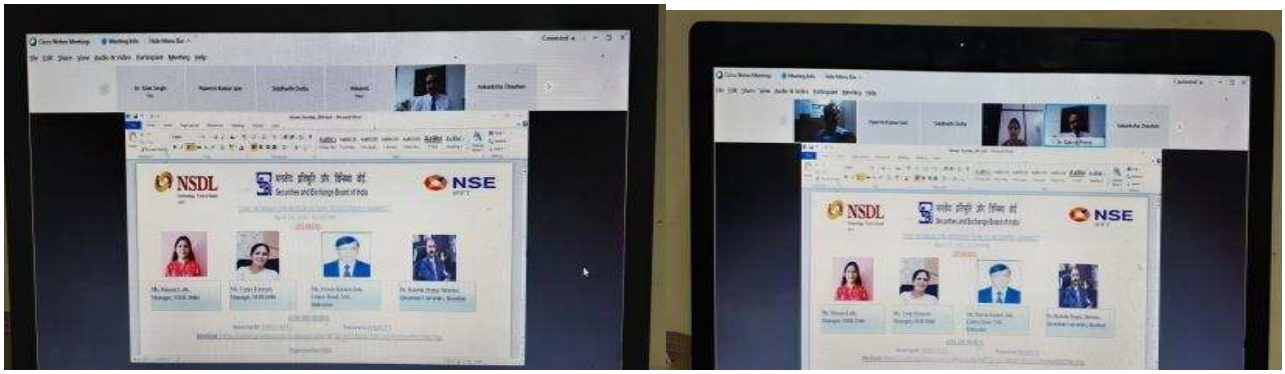
The Webinar on "Introduction to Securities Market" was held on **20th April, 2021** at Quantum University organized by **Faculty of Graduate Studies** in **association** with **Institution Innovation Council** with a total strength of **155 attendees**. The program was facilitated by **Ms. Himani Lath, Ms. Veena Kumari (Leading market experts)** and **Mr. Pravin Kumar Jain (In-house faculty).**

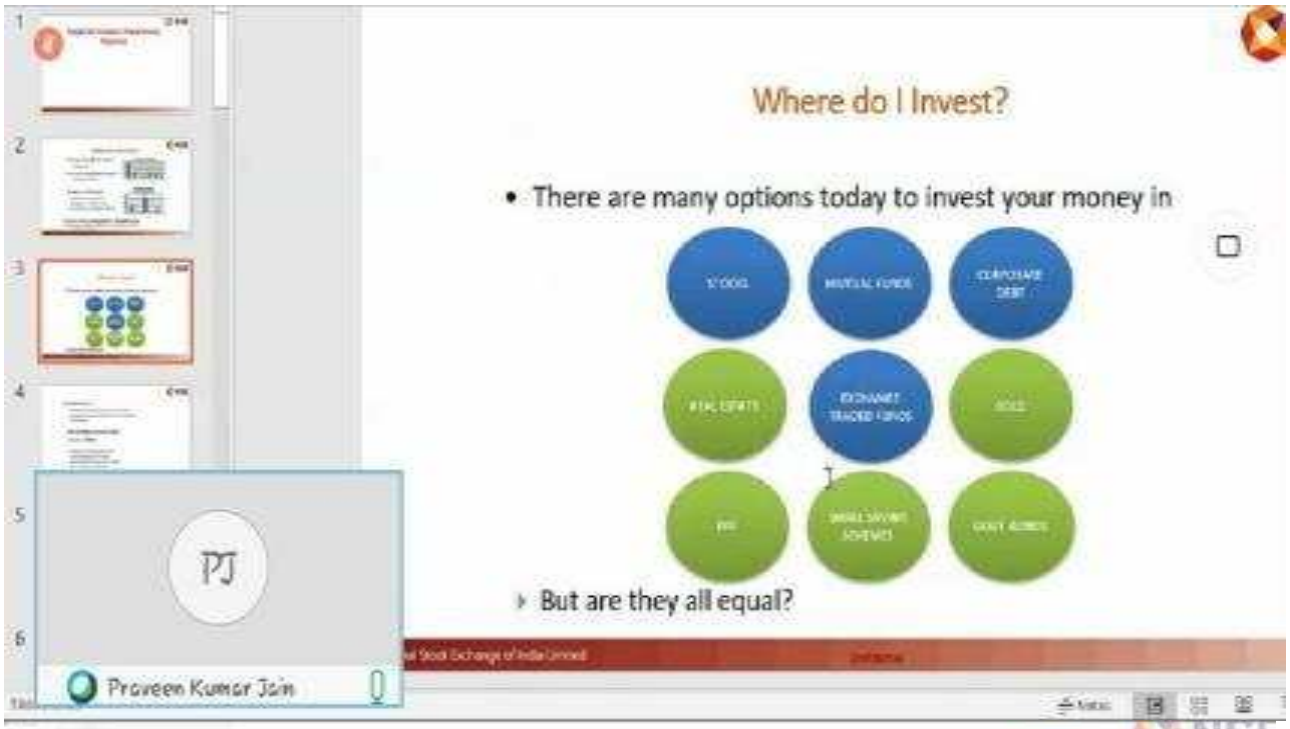
For this Webinar, registration link using **Webex Meeting ID- 184657471**3 and **password- Help#123** was created. The link was circulated among students and faculties Management departments.

During this webinar, Mr. Pravin Kumar Jai shared the thoughts of his own projects like Introduction to Securities Market. He also shared an idea about applying for patents on the projects. He motivated the participants in the way of improving thinking skills. He presented a presentation about perseverance finally by referring to Edison's code "The most certain way to succeed is always to try just one more time".

More than 150 participants both Teaching Faculty Members and Students, have participated. At the beginning, Ms. Himani Lath gave a welcome address to the participants and after the presentation, Dr. Rakesh Premi, Director, Quantum University delivered the vote of thanks. From the WEBINAR, the participants had the opportunity to learn about the tools to develop innovative projects using science and technology in addition to gaining knowledge about patent applications.

Photos of the Event




Where do I Invest?
There are many options today to invest your money in
But are they all equal?
Praveen Kumar Jain

Webex
Getting Started
It is so easy to start...
OPEN A DEMAT ACCOUNT*
OPEN A TRADING ACCOUNT
START INVESTING
Just approach any of the branches of NSE brokers to open a Demat Account. They will also open a trading account for you
And you are done !
Now you can invest using any of the following
Via Phone (Call In Trades)#
At broker's branch
Via Internet
Praveen Kumar Jain

20. FDP on "Introduction to Big Data Analytics by ICT Academy"

The Faculty Development Program on "Introduction to Big Data Analytics" was conducted by **ITC Academy** in **coordination** with the department of **Computer Science and Engineering of Quantum University** in association with **"Quantum University Innovational Council**" on **19th April to 23th April 2021** online mode on WebEx(Cisco).

The guest faculty for the FDP was **Miss. Mousumi Bailung**. She is the senior technical trainer in ITC Academy.

The FDP covered topics such as an introduction to Big Data and Data Analytics Lifecycle to address business challenges that leverage Big Data. The program provided grounding in basic and advanced analytic techniques and tools to analyze big data, create statistical models, and identify insights that can lead to actionable results.

Topics such as Selecting appropriate data visualizations to clearly communicate analytic insights to business sponsors and analytic audiences using tools such as R and RStudio were covered. The program provided an ideal mix of theory and practical knowledge on the Big Data ecosystem.

Certificates of the Participants

ICTACADEMY

CERTIFICATE OF PARTICIPATION

C.No: 021-196265
Date: 28 Apr 2021

YASHI BHARDWAJ

Quantum University, Roorkee

has participated in 12 Hours of Faculty Development Program on

Introduction to Big Data Analytics (Online Live FDP)

conducted by ICT Academy on 19 Apr 2021 to 23 Apr 2021

verify.ictacademy.in

ICTACADEMY

CERTIFICATE OF PARTICIPATION

C.No: 021-196207
Date: 23 Apr 2021

SWATI RAWAT

Quantum University, Roorkee

has participated in 12 Hours of Faculty Development Program on

Introduction to Big Data Analytics (Online Live FDP)

conducted by ICT Academy on 19 Apr 2021 to 23 Apr 2021

21. Virtual Power Seminar on "Scope of Artificial Intelligence & Machine Learning"

The Virtual Power Seminar on "Scope of Artificial Intelligence & Machine Learning" was held on **01st July, 2021** by **ICT Academy** at Quantum University organized by **Department of Technology** in **association** with **Quantum University Innovation Council** for **B.Tech First Year Sections – (S1, S2 and S3)** students with the total strength of **80 attendees**. The program was coordinated by **Dr. Chandini Sharma** and was facilitated by **Dr. Prabhakaran Chandran, Scientist, Mu Sigma, Bengaluru and Mr. Diptendu Pramanik (Senior Software Engineer, Wipro).** The seminar was aimed to provide participants with a comprehensive understanding of the field of data science.

Dr. Prabhakaran Chandran began with an impactful keynote address by an expert in the field of artificial intelligence. The keynote speaker highlighted the transformative potential of AI and ML and outlined the key areas where these technologies are driving innovation and disruption. **Mr. Diptendu Pramanik** discussed topics such as AI ethics, bias and fairness in algorithms, privacy concerns, and the future of AI-driven technologies.

Engaging panel discussions were held to address the broader implications of AI and ML. Participants had the opportunity to interact with panelists and gain valuable insights into the responsible and ethical use of AI and ML. The virtual platform provided opportunities for participants to network and connect with industry experts and fellow attendees. Interactive chat rooms and breakout sessions facilitated meaningful discussions, knowledge sharing, and potential collaborations among participants.

The Virtual Power Seminar on "Scope of Artificial Intelligence & Machine Learning" provided participants with a comprehensive understanding of the potential and impact of AI and ML. Through keynote speeches, technical sessions, industry case studies, and panel discussions, attendees gained insights into the latest advancements, challenges, and ethical considerations associated with these technologies. The seminar fostered networking and collaboration among professionals, promoting the exchange of ideas and the exploration of new opportunities in the field. Overall, the virtual seminar successfully achieved its objectives of enlightening participants about the scope of AI and ML while encouraging responsible and ethical adoption in various domains.

Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Virtual Power Seminar : 10:30 am today : "SCOPE OF AI & ML"

1 message

Dr.Chandani Sharma <chandanisharma.ece@quantumeducation.in> Thu, Jul 1, 2021 at 9:08 AM
To: QST Faculty <qstfm@quantumeducation.in>, QSB Faculty <qsbfm@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>, "Dr. Gulshan Chauhan" <director@quantumeducation.in>, Shobhit Goyal <vc@quantumeducation.in>, "Dr. Rakesh Premi" <director.qsb@quantumeducation.in>, Ajay Goyal <chairman@quantumeducation.in>

Dear all,

It is to inform you that the Virtual Power Seminar on "SCOPE OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING" is scheduled today (July 1, 2021) for the students of 1st year BTech (all Branches) sections S1, S2 and S3 and 1st year Diploma students. The details are as follows:

Timing : 10:30 am - 12:30 pm
Venue : Online youtube link https://youtu.be/EgX6GLt5VM4
Experts : 1) Dr Pranjal Kumar Phukan, Director International Council of Technology, Management & Applied Engineering
2) Prabhakaran Chandran, Scientist Mu Sigma, Bengaluru
Topic : SCOPE OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

Interested Faculty members may join up for the same on meet.google.com/bbw-iqri-zyu. You can also refer to students.

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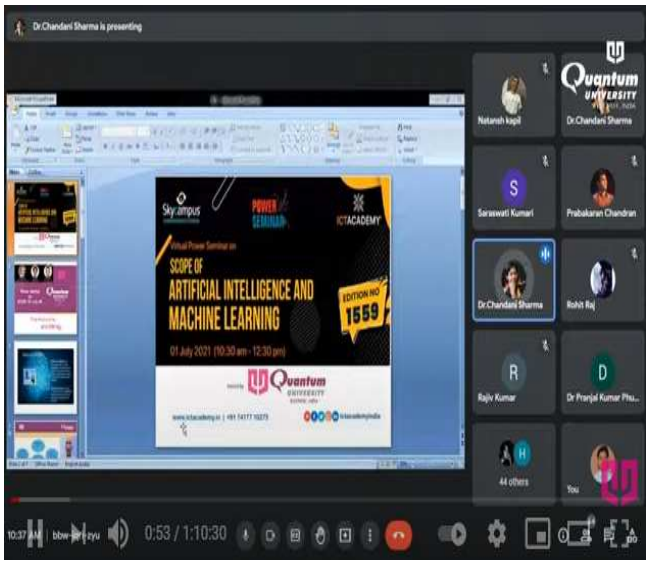
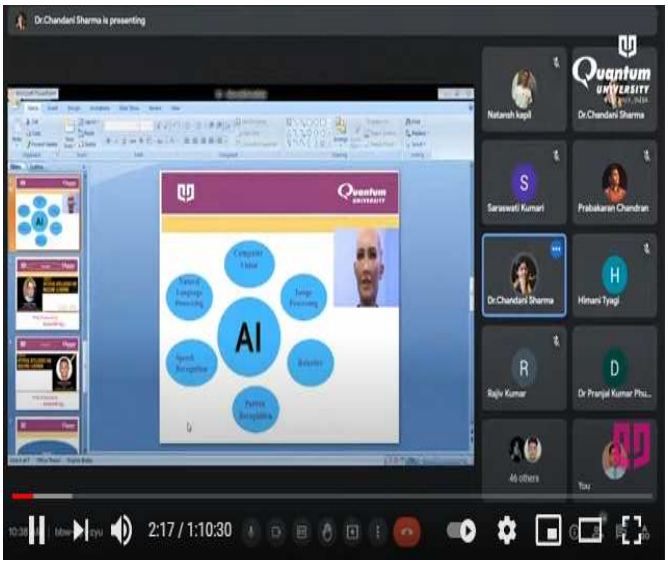
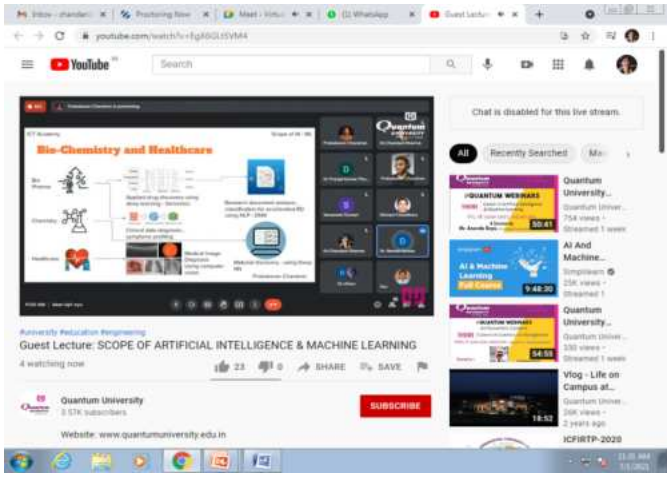
Thanks & Regards...!
Dr. Chandani Sharma
First year BTech and Diploma Engg. Coordinator
Quantum University, Roorkee

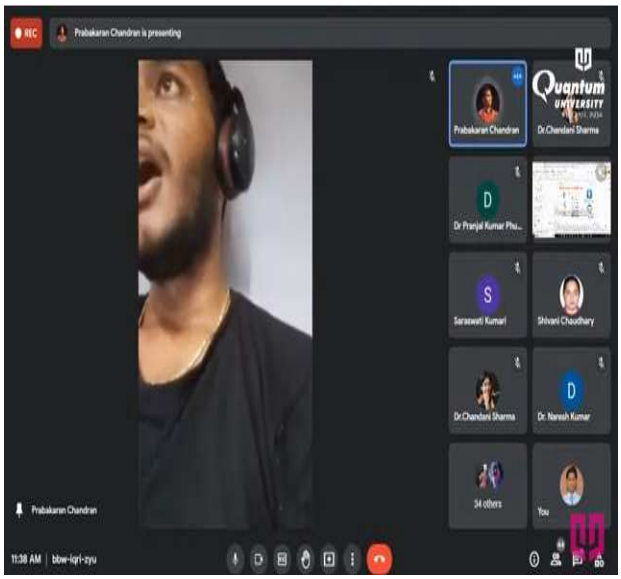
Mob: 8958308881 Email: chandani19nov@gmail.com <chandani19nov@gmail.com>
*Google Scholar Citation: *https://scholar.google.co.in/citations?hl=en&user=Pz11pdwAAAAJ*
*Research Gate Profile: *https://www.researchgate.net/profile/Chandani_Sharma3*

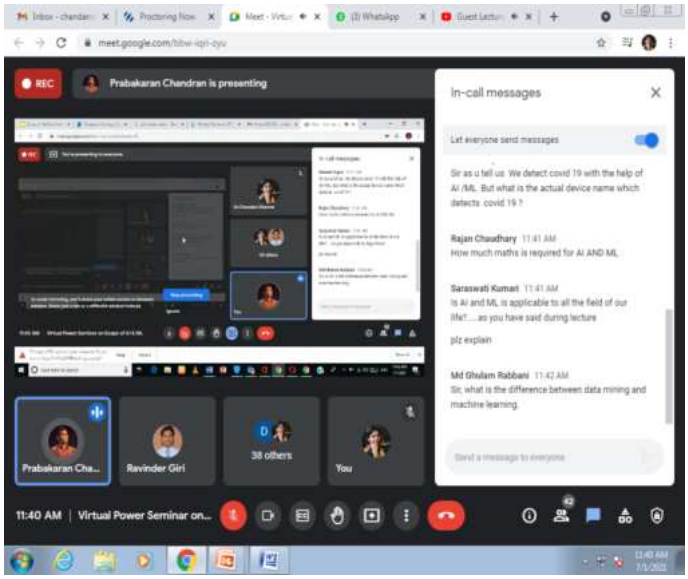
Photos of the Event

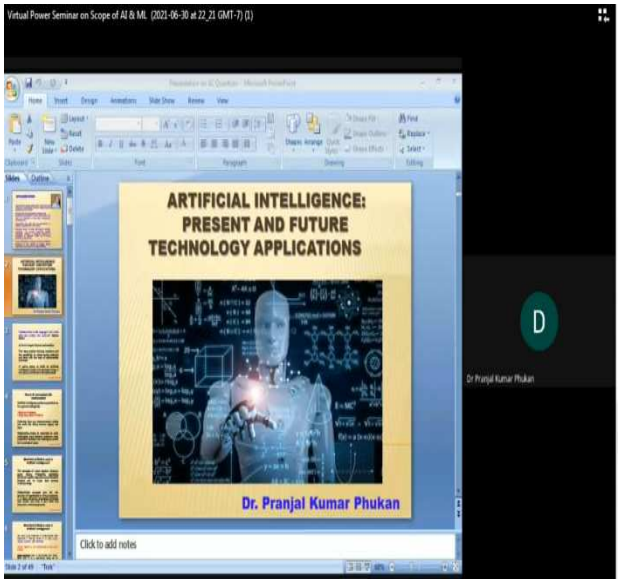


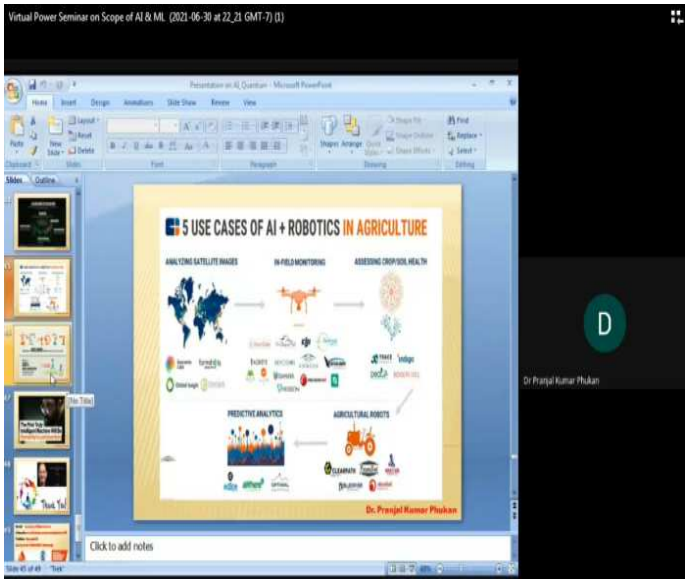












Link of the Videos

https://youtu.be/EgX6GLt5VM4

22. Startups Nurtured in Quantum University as an Initiative to Promote Entrepreneurship Skills and Fostering Ecosystem in the Campus

S No.	Name of Startup	Brief Description
1	**DreamQuark**	Dream Quark which works in empowering the students in robotics by providing hands-on training and experience on various robots. They provide courses in robotics like Mechanical, Civil, Electronics, and Computer Science for solving the entire task be it designing the robots programming part and circuits.
2	**Macle Soft**	Macle Soft is a start-up that provides professional services in the field of Website, Mobile Applications, IoT, Native Software, and other IT Solutions. Macle Soft is a team of creative professionals who will bring your small business to the next level.
3	**Mini Meal'z**	Mini Meal'z targets the students of colleges/universities situated on the outskirts of cities. They aim to provide pocket-friendly meals to the students who can enjoy the best food while residing in their respective outskirts.
4	**Daze infinity**	Dazeinfinity harnesses the power of cognitive computing, hyper-automation, robotics, cloud, analytics, and emerging technologies to help clients successfully adapt to the digital world. Its mission is to build a platform to connect clients with IT companies.
5	**Anonic Technologies**	Anonic Technologies services are designed to simplify the IT environment for the customers globally via different services like Website Designing & Development, Graphic & Animation Designing &

		Mobile Application Development & Web Application Security.
6	**Kumas Fabric**	Founder of Kumas Fabric, Nikunj Garg has started his startup dealing in stain-free and durable fabric with 20 years of shelf life.
7	**Zeromonk Private Limited**	Zeromonk Pvt Ltd caters to client software solutions & provides marketing aid with the main goal to create an educational community for the betterment of students' life and provide them good quality courses, internships, mentorships & jobs.