

QUANTUM UNIVERSITY



Student Centric Methods



Annual Report on Experiential Learning Methodologies Academic Year (2019–2020)

ANNUAL REPORT EXPERIENTIAL LEARNING METHODOLOGIES



Academic Year (2019-2020)


Registrar
Quantum University

Experiential Learning Methodologies

2019-2020

Experiential learning is a dynamic educational approach that centers on the acquisition of knowledge through firsthand encounters, active participation, and subsequent reflection. In our educational framework, we prioritize immersing students in a spectrum of experiences that span both technical and non-technical domains. The overarching goal is to cultivate a holistic skill set by engaging in various activities, facilitated and overseen by our dedicated faculty.

Students are encouraged to delve into the realm of experiential learning through project development, where they actively apply theoretical knowledge to real-world scenarios. Additionally, they participate in enlightening student seminars, enriching student development programs, and interactive workshops that foster skill acquisition and critical thinking.

Integral to this experiential paradigm are industrial visits, offering students a firsthand glimpse into professional environments, broadening their perspectives and connecting theoretical concepts to practical applications. Moreover, internships provide an immersive experience, allowing students to apply classroom knowledge in authentic work settings, thereby bridging the gap between academia and industry.

Our faculty actively designs, executes, and monitors these activities to ensure a seamless integration of experiential learning into the academic curriculum. Through regular reflection on their experiences, students not only reinforce their understanding but also identify areas for improvement, facilitating continuous skill enhancement. In essence, our experiential learning approach empowers students to evolve as well-rounded individuals equipped with a robust blend of theoretical knowledge and practical proficiency.

Experiential learning



- Industrial Visits
- Workshops
- Training Programs
- Internships
- Lab Work
- Studio Work
- Clinical Experiences


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	21	Department of Graduate Studies	Analysis Of Financial Budget-2020	Mr. Mahesh Mishra & Dr. Abdullah Malik	Asst. Prof., Quantum University	04/02/2020	120
	22	Department of Computer Science & Engineering	Workshop On Web Designing & Digital Marketing	Mr. Ritesh Kumar sharma	Zaptas Technologies	4/2/2020	70
	23	Department of Computer Science & Engineering	Workshop on Web Analytics	Mr Himanshu Tyagi	Asst. Prof., Quantum University	18/2/2020	140
	24	Department of Hospitality and Tourism	Workshop On “Travel Cake Making”	Chef Raman Deep Bagga	Pastry chef, Academy of Pastry and Culinary Arts.	24/02/2020	35
	25	Department Of Mechanical Engineering	Workshop on Industrial Automation	Dr. Kamlesh Singh	Asst. Prof., Quantum University	24/02/2020	34
	01	Department of Sciences	Research and academic possibilities after graduation in science	Dr. Bhishma Tyagi	Asst. Prof., N I T Rourkela	12/02/2019	51
	02	Department of Media Studies & Design	Guest Lecture on the Introduction to Journalism	Mr. Dinesh Joyal	Ex-Chief editor, Amar Ujala	07/08/2019	30
	03	Department of Mechanical Engineering	Alumni Interaction 2019	1. Mr. Jasbeer Singh Dua 2. Mr. Rehan khan	1. Manager- Pyrax International, Roorkee 2. Embedded Engineer- K D	07/09/2019	60

Guest Lecture					Labs & Industries, Jaipur		
	04	Department of Mechanical Engineering	How to prepare for GATE/IES and major exams	Mr. Vaibhav Srivastava	Made easy coaching, Delhi	14/09/2019	100
	05	Department of Sciences	Guest Lecture on Vedic Maths	Mr. Guru Prabhat	Asst. Prof., Quantum University	14/09/2019	55
	06	Department of Paramedical Sciences	World Radiology Day	Mr. Shiv Kailash Yadav	Asst. Prof., Swami Vivekanand Subharti University	07/11/2019	44
	07	Department of Graduate Studies	Entrepreneurship in India: Challenges and Prospects	Mr. Tarun Kant Pant	Entrepreneur and Business Person	16/11/2019	80
	08	Department of Business Administration	Guest Lecture on Retail Management	Mr. Sumit Singh	Vishal Mega Mart, Haridwar	18/11/2019	55
	09	Department of Hospitality & Tourism	Guest lecture on the Development of Tourism in Uttarakhand	Mr. Abhinay Chauhan	Director, Airgo Tourism and Aviation, Dehradun.	19/11/2019	18
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Event Report

Industrial Visit

2019-2020

1. Industrial Visit to SEBI -11/09/2019

On the 11th of September 2019 an Industrial visit to SEBI (Security Exchange Board of India), Dehradun was conducted for B. Com-1st year. Where students were guided about “Investment and savings” and “why investment is better than savings” by Mr. Pradeep Kumar.

A quorum of 41 students were briefed and given information related to SEBI, they were also given a brief history of SEBI and Demat accounts to invest in security markets. Then they were told about how to judge the future profitability of a firm by accessing its balance sheet and were shown a few videos to make students aware about different fraud schemes prevailing in security markets.



Picture from Industrial Visit to SEBI, Students are learning about Why Investment is Better than Just Saving

2. Educational Visit to KDMIPE Campus and ONGC Subir Raha Museum, Dehradun-12/09/2019

On the enlightening day of 12th September 2019, students embarked on an educational voyage aimed at unraveling the intricacies of the Civil Industry. The destination: the prestigious KDMIPE Campus and the illustrious ONGC Subir Raha Museum in Dehradun, both revered hubs of knowledge and enlightenment.

Upon reaching the ONGC museum, 34 students were greeted by a mesmerizing array of geological wonders. Here, they were not mere spectators; they were active participants in a geological odyssey. The museum came alive with vibrant demonstrations showcasing a diverse collection of rocks sourced from various corners of India.

These rocks, representing different geological zones, told stories of the Earth's evolution. Students keenly absorbed the rich history embedded in each stone, exploring not just their physical attributes but also delving deep into their chemical compositions, gaining profound insights into the essence of Earth's formation.



3. Educational Tour at CSIR-CBRI Roorkee for Civil Engineering Students- 13/09/2019

On the enlightening day of 13th September 2019, students embarked on an educational voyage aimed at unraveling the intricacies of the Civil Industry. The destination: the prestigious KDMIPE Campus and the illustrious ONGC Subir Raha Museum in Dehradun, both revered hubs of knowledge and enlightenment.

Upon reaching the ONGC museum, 43 students joined the tour and were greeted by a mesmerizing array of geological wonders. Here, they were not mere spectators; they were active participants in a geological odyssey. The museum came alive with vibrant demonstrations showcasing a diverse collection of rocks sourced from various corners of India.

These rocks, representing different geological zones, told stories of the Earth's evolution. Students keenly absorbed the rich history embedded in each stone, exploring not just their physical attributes but also delving deep into their chemical compositions, gaining profound insights into the essence of Earth's formation. Students also visited RURAL TECHNOLOGY PARK and had a vision on various models of rural infrastructure.



Picture from Educational Tour at CSIR-CBRI Roorkee for Civil Engineering students

4. Educational Visit at CSIR-IIP, Dehradun- 18/09/2019

On the illuminating day of 18th September 2019, a transformative industrial visit unfolded for the 35 B.Tech (C.E) students of 2nd, 3rd, and 4th years. The destination: the esteemed Indian Institute of Petroleum (IIP) in Dehradun. This carefully organized trip was not just a journey; it was an exploration into the heart of India's industrial prowess.

Within the hallowed halls of IIP, students embarked on an educational odyssey, unraveling the mysteries of crude oil distillation. The distillation process, intricately explained, shed light on the transformation of crude oil sourced from diverse states of our country. With attentive minds, students witnessed the sophisticated instruments and machinery employed in this intricate process. The visit became a live classroom, where theoretical knowledge met practical application.



Group Picture of Quantum students on Industrial visit to Indian Institute of Petroleum (IIP) in Dehradun

5. Educational tour to Vigyan Dham, Dehradun -17/09/2019

On September 17, 2019, DEEPRO organized an educational tour for 157 students from B.Tech and Diploma (1st year) courses embarked on an educational trip to the Regional Science Centre located at Uttarakhand State Council for Science and Technology [UCOST], commonly known as Vigyan Dham. The primary objective of this excursion was to augment the student's academic and practical knowledge. The visit aimed to bridge the gap between theoretical learning and real-world applications.

During this enriching experience, students were exposed to a multitude of real-time applications, particularly in the field of imaging modalities. They had the opportunity to explore various exhibits and displays, including the Planetarium System, Science and Technology innovations, Future Technologies, Basic Concept models, and practical machines illustrating different scientific concepts. Additionally, students learned about the rich biodiversity of the Himalayan Region, studied Mountain Peaks from around the world, and delved into the functionality of Global Positioning Systems (GPS).

The visit proved to be highly beneficial, offering students valuable insights into the practical applications of the theoretical concepts they study in their classrooms. The exposure to cutting-edge technologies and hands-on experiences left the students enthusiastic and eager for more such educational journeys. Their positive response led to demands for similar visits to be incorporated into their curriculum, showcasing the immense value of such experiential learning opportunities.



Peek into Educational of B.Tech students during the tour to Vigyan Dham, Dehradun

6. Educational tour to Vigyan Dham, Dehradun for the B.Sc. (Hons.) PCM Students, -19/09/2019

The Department of Sciences orchestrated an enriching one-day educational excursion to the Regional Science Centre - Vigyan Dham, Dehradun, on 19/09/2019, exclusively tailored for the students pursuing B.Sc. (Hons.) PCM. Accompanied by two dedicated faculty members, a group of nearly 230 students embarked on a captivating journey to the picturesque hills, traveling by bus.

The meticulously planned itinerary allowed the students to revel in an adventurous and immersive learning experience. During this educational escapade, our Q-mates delved into crucial concepts such as nuclear power generation, cloud computing, robotics, as well as the fascinating realms of carbon nanotubes and graphene. The trip served as a comprehensive exploration for our students, empowering them to absorb knowledge through hands-on experiences. This endeavor not only enhanced their understanding but also nurtured their scientific curiosity, fostering a genuine passion for learning."



Picture from Excursion to the Regional Science Centre - Vigyan Dham, Dehradun

7. Industrial Visit to Hometel Roorkee - A Sarovar Hotel- 21/09/2019

Department of Hospitality and Tourism at Quantum University, Roorkee, orchestrated a valuable industry visit for 20 BHM students to Hometel Roorkee- A Sarovar Hotel , a prominent establishment under the Sarovar Hotel group, on September 21, 2019. The visit was expertly organized and led by Mr. DC Vashishth and Mr. Gaurav Mamgain.

Upon arrival at the hotel around 11:00 AM, the students were warmly received and ushered into the HR department. Mr. Vimal Singh, the HR Manager, conducted an informative briefing session, extending a gracious welcome on behalf of Hotel Hometel. During this session, he provided valuable insights about the hotel and the esteemed Sarovar group to the students. Following the session, the students were treated to refreshments by the hotel, making the visit not only educational but also a delightful experience for all involved.



Quantum Students belonging to BHM conducted an Industrial Visit to Hometel Roorkee - A Sarovar Hotel

8. Industrial Visit to SEBI Dehradun- 09/10/2019

On October 9, 2019, an enlightening industrial visit was organized with the primary objective of bridging the gap between industry practices and academic knowledge. This initiative provided 31 students with a unique opportunity to gain profound insights into the regulatory body, facilitating a smoother recruitment process. SEBI, in its endeavor to raise awareness about various financial products among young minds, played a pivotal role in making this visit possible.

Mr. MA Shinod, DGM of SEBI, was deeply impressed by the enthusiastic response from the students. He suggested expanding such visits to renowned Stock Exchanges like Bombay Stock Exchange and National Stock Exchange. Dr. Ram Singh, a dedicated faculty of Business and administration and the Visit Mentor, emphasized how such visits contribute significantly to the holistic development of students. These experiences not only enhance networking skills but also provide invaluable knowledge about policy-making processes.

The visit proved immensely beneficial for the students, offering profound insights into the functions and impact of regulatory bodies on investors, exchanges, and industries. During the visit, Mr. Shinod and Mr. Pradeep Kumar from SEBI, Dehradun, elucidated the intricate workings of SEBI. They discussed various departments within SEBI, such as Corporate Finance, Economic and Policy Analysis, Enforcement, Human Resources, Legal Affairs, Investigation, Investment Management, and International Affairs. Additionally, they guided students on potential career options within SEBI and the selection process, making the session highly interactive and engaging.



Group Picture of Students during an Exposure visit to SEBI Dehradun office to learn the intricacies of how SEBI controls the trading organizations within India

9. Industrial visit to Amardeep Furniture-10/10/2019

On October 10, 2019, an industrial visit was organized by the Faculty of business and management ,with the participation of 48 students. The visit took place at Amardeep Furniture's Bhagwanpur facility, a company specializing in office furniture. The company's headquarters is located in Mumbai, and Mr. Vijay Sharma was the in-charge during our visit.

The students were given a comprehensive briefing before embarking on the tour. The visit commenced with an exploration of the steel and iron framing departments, where the foundational elements for chairs, tables, and office furniture are crafted. Subsequently, the students were guided through the wooden section. It was noteworthy that Amar Furniture also engages in exports, contributing to the global market. The company boasts an impressive overall turnover of approximately 110 crores.

During the visit, the students had the opportunity to interact directly with the company representatives. This interaction proved invaluable, enhancing the students' understanding of the intricate processes involved in the manufacturing of office furniture. As an outcome of this event, the students significantly augmented their knowledge regarding the intricate processes employed in the production of office furniture, gaining practical insights that will undoubtedly benefit their academic pursuits and future careers.



Captured Memory during the Amardeep Furniture's Bhagwanpur facility Exposure visit

10. Industrial Visit to Jivamrit Organic Farmer Producer Company Ltd.-14/10/2019

The Industrial Visit was meticulously organized for the third-year B.Sc. Agriculture students, offering them an insightful experience at the Jivamrit Organic Farmer Producer Company Ltd. in Jhabrera. This visit served as an educational platform where 42 students delved into the intricacies of organic farming and the production of value-added products derived from organic crops, such as brown sugar and vinegar.

During the visit, Mr. Vijay Pal Singh, a representative from the company, provided a comprehensive overview of the fundamental concepts of organic farming and emphasized its paramount importance. He passionately encouraged the students to actively promote organic farming practices as a means to safeguard the future of agriculture. Throughout the session, students actively engaged, posing queries that were thoughtfully addressed by the speaker.

Mr. Vijay Pal, with his expertise, shared in-depth knowledge about various aspects, including the production of organic manure, organic brown sugar, organic vinegar, and optimal cropping patterns. This immersive experience not only broadened the students' understanding of organic farming but also inspired them to advocate for sustainable agricultural practices, paving the way for a greener and more eco-conscious future.



A Glimpse of insightful experience of Agriculture students at the Jivamrit Organic Farmer Producer Company Ltd

11. Industrial visit at Ambuja cements Ltd, Bhagwanpur-15/10/2019

Our industrial visit took place at Ambuja Cements Pvt Ltd. located in Bhagwanpur, Uttarakhand. The Department of mechanical engineering arranged transportation for students. 11 students participated in this visit, which commenced when we departed from the campus at 10:30 am and arrived at the plant by 10:50 am.

During the journey, we engaged in discussions about the industrial visit and the concept of automation, which we were eager to implement at Ambuja Cements Ltd. Upon our arrival, we entered the Cement Plant premises at 11 am. We gathered in a designated room where a mentor welcomed us and provided a comprehensive overview of the plant.

Shortly after, the mentor distributed safety kits to all attendees, including safety gloves, helmets, aprons, and glasses, ensuring our safety throughout the visit. Under the mentor's guidance, we gained valuable insights and learned extensively about the operations and processes at Ambuja Cements Pvt Ltd. This experience proved to be highly educational, enriching our understanding of industrial practices and automation techniques.



Take peek Into Exposure visit trip to Ambuja Cement Foundation Bhagwanpur

12. Industrial visit to Everest Industries Limited- 16/10/2019

On October 16, 2019, our educational journey led us to Everest Industries Pvt Ltd. in Bhagwanpur, Uttarakhand, for an insightful industrial visit. The college facilitated our trip by providing a bus, accommodating 42 enthusiastic students. We commenced our excursion promptly, departing from the campus at 9:30 am and arriving at the destination by 9:45 am. During this brief transit, we engaged in discussions about the industrial visit and exchanged ideas regarding the potential application of automation in Everest Industries Ltd.

Upon our arrival at the Cement Plant at 10:00 am, we assembled in a designated room. A knowledgeable mentor joined us and provided a detailed overview of the plant's operations. Prior to entering the manufacturing unit, we were graciously offered refreshments. The mentor, with expertise and enthusiasm, guided us through the intricacies of the plant, explaining the raw materials, processes, various units, and the diverse range of products manufactured. For our safety, we were equipped with safety helmets, ensuring a secure and educational visit.

The mentor thoughtfully divided the students into two groups, allowing for a more personalized and interactive experience. Throughout the visit, we absorbed valuable knowledge and insights, thanks to the mentor's guidance. This immersive experience not only expanded our understanding of industrial processes but also inspired us with newfound ideas and perspectives.



Picture Captured during an Industrial visit of Quantum Mates to Everest Industries Pvt Ltd Bhagwanpur, Uttarakhand

13. Industrial Visit to Patanjali Food and Herbal Park- 16/10/2019

On the occasion of World Food Day, a dedicated team from the Department of Applied Medical Sciences of 44 students accompanied by three faculties embarked on an educational journey to Patanjali Food and Herbal Park. During this insightful visit, students were exposed to innovative food preservation techniques designed to reduce food wastage, a critical issue considering that 90-92% of food produced in India goes to waste.

This pioneering food production unit stands as the first and largest of its kind, making significant strides in addressing the prevalent problem of food wastage in our society. By imparting knowledge and promoting sustainable practices, this initiative plays a vital role in the fight against global hunger. This visit not only educated our students but also instilled a sense of responsibility; reminding us that our actions today shape the future we aspire for, one where zero hunger is not just a goal, but a tangible reality.



A Snapshot of Patanjali Food and Herbal park Exposure visit on the Occasion of World Food Day

14. Industrial Visit of Saharanpur Mandi-16/10/2019

The Industrial Visit was meticulously arranged for the third-year B. Sc. (Hons.) Agriculture students to the Saharanpur Mandi. During this visit, students had the opportunity to explore a mango pack house, gaining valuable insights into various processes such as moisture measurement, seed grading, sample collection of grain, crop moisture measurement in the field, and fruit storage techniques.

Mr. Vikash, a representative from the Mandi Organization, provided a detailed explanation of the functioning and significance of vegetable and fruit mandi. The session was interactive, allowing 53 students to actively participate and seek clarification on any doubts they had, all of which were expertly addressed by the speaker. This visit proved to be an enriching experience, enhancing the students' understanding of agricultural practices and processes, and equipping them with practical knowledge for their future endeavors.



Enlightening Session during the Saharanpur Mandi visit for B. Sc. Agriculture – 3rd Year students

15. Industrial visit at TTK Prestige, Roorkee-21/10/2019

It was a fascinating industrial visit to TTK Prestige Ltd, conducted on October 21, 2019, in the vibrant city of Roorkee. Mr. Bajrang, Head of the HR Department, warmly welcomed the students and provided a comprehensive introduction to the company. Additionally, Mr. Krishna Mohan, the Plant Head, shared valuable insights into the company's working environment and engaged in interactive discussions with the 34 students of B.Tech Mechanical Engineering.

TTK Prestige Ltd. emerged in 2012, becoming an integral part of the burgeoning industrial landscape in Roorkee. The roots of the TTK Group trace back to 1928 when Mr. T.T. Krishnamachari pioneered organized distribution in India. This dynamic entrepreneur established distribution networks for a diverse array of products, ranging from Foods and Personal care items to Writing instruments and Ethical products. Over the years, the TTK Group expanded its reach, representing renowned brands such as Cadbury's, MaxFactor, Kellogg's, and many more. Presently, the TTK Group boasts 30 product categories across 7 group companies, with a staggering turnover exceeding 30 Billion rupees. Notably, the group's products find their way to every corner of the globe.

The industrial visit provided students with valuable insights into the dynamic world of TTK Prestige Ltd., offering a glimpse into the rich history, extensive product range, and global presence of the TTK Group. This experience undoubtedly broadened the students' understanding of the industry, leaving them inspired and informed about the vast possibilities within the ever-evolving business landscape.



An Excursion visit to World Famous TTK Prestige Limited Company To Broaden the Horizon of Students on the Functions of Multinational Manufacturing Companies

16. Industrial visit at TTK Prestige, Roorkee-22/10/2019

It was a captivating industrial visit to the renowned TTK Group industry, TTK Prestige, held on October 22, 2019, in the thriving industrial area near Iqbalpur, known as Dev Bhoomi. Mr. Krishan Mohan, the Plant Head, welcomed the visiting group of 30 students of B.Tech Mechanical Engineering and provided an insightful introduction to the company, shedding light on the vibrant working environment at TTK Prestige.

Founded in 1928 as an indenting agency, the TTK Group holds a prestigious legacy in the Indian business landscape. Under the leadership of Mr. T.T. Krishnamachari, the company pioneered organized distribution in India, setting the stage for its remarkable journey. TTK Prestige Limited, a subsidiary of the TTK Group, is a prominent Indian company specializing in the manufacturing of kitchen appliances and cookware, prominently known for its high-quality pressure cookers.

The TTK Group's legacy extends beyond kitchen appliances, encompassing a wide spectrum of products, including Foods, Personal care items, writing instruments, and Ethical products. The company established distribution networks for renowned brands such as Cadbury's, MaxFactor, Kellogg's, and many others. This diverse portfolio has propelled the TTK Group into international prominence, making its products accessible on a global scale.

The industrial visit provided a unique opportunity for visitors to witness firsthand the innovation and dedication that define TTK Prestige. It not only enhanced the understanding of the company's rich history but also highlighted its significant contributions to the culinary industry and beyond. The visit left a lasting impression, showcasing the dynamic spirit of the TTK Group and its commitment to excellence in every endeavor.



Image from Industrial visit to World Leader in Kitchen Appliances That is TTK Prestige Private Limited

17. Industrial Visit to Chilla Power Plant-06/11/2019

An illuminating industrial visit was meticulously arranged for 47 students of B.Tech Mechanical Engineering, 2nd year, to the Chilla Power Plant in Haridwar on November 6, 2019. Chilla Power Plant, a hydroelectric facility generating 144 MW (4 X 36 MW), stands as a testament to innovative engineering and sustainable energy practices. Situated on the Ganga River, 5 km upstream from the revered town of Haridwar, this run-of-the-river scheme represents a remarkable feat of engineering. The plant features a 312 m long, 11.5 m high gated diversion barrage at Pashulok, strategically placed 1 km downstream of the sacred town of Rishikesh.

At the heart of this power station are four generating units, each equipped with vertical Kaplan turbines seamlessly coupled with synchronous generators. Commissioned in 1980-81, the power station operates by diverting water through a canal on the east bank of the river, which then feeds into the Chilla Power Plant located 4 km upstream of Haridwar.

The plant's impressive design incorporates four 36-megawatt (48,000 hp) Kaplan turbine-generators, collectively boasting an installed capacity of 144 megawatts (193,000 hp). The plant's hydraulic head, created by the elevation change between the intake and tailrace, stands at an impressive 32.5 meters (107 feet). The plant is designed to handle a discharge of 560 m³/s (19,776 cu ft/s). This industrial visit provided students with a rare opportunity to witness cutting-edge hydroelectric technology in action. By exploring the intricacies of the Chilla Power Plant, students gained valuable insights into sustainable energy generation, reinforcing their understanding of engineering principles and environmental conservation efforts.



A Glimpse from Exposure and Learning visit to Chilla Power Plant, a hydroelectric facility by Mechanical Engineering students at Quantum University

18. Educational Visit to Herbal Garden-15/11/2019

In an enriching educational experience, fourth-year B.Sc. Agriculture students embarked on a visit to the Patanjali Herbal Garden, delving into the intricacies of medicinal and aromatic plant production technology. This visit proved exceptionally valuable, equipping 24 students with the knowledge to identify various medicinal and aromatic plants, along with understanding the diverse applications of herbs in their daily lives.

The excursion offered a unique insight into the world of herbal remedies, enlightening students about the abundant herbs possessing powerful antioxidant and anticancer properties. By exploring the Patanjali Herbal Garden, students not only expanded their understanding of these beneficial properties but also gained practical knowledge about the utilization of these herbs for enhancing health and well-being. This educational endeavor empowered students with valuable insights that will undoubtedly shape their future endeavors in the field of agriculture and herbal sciences.



An enriching educational experience at Pantajali Herbal Garden for Agriculture students a School Opened by Mother Nature

19. Educational Visit to Patanjali Food and Herbal Park, Haridwar-28/11/2019

In a hands-on learning opportunity, third-year B.Sc. Agriculture students embarked on a visit to the Patanjali Food Park. This visit was curated to provide students with practical insights into the intricate process of fruit and vegetable processing. During their visit, 52 students explored the food processing unit and delved into the techniques employed in the post-harvest management of fruits and vegetables.

They gained valuable knowledge about the preparation of various products such as pickles, jams, chutneys, and squashes. This immersive experience not only enhanced their understanding of food processing techniques but also equipped them with practical skills crucial for their future endeavors in the agricultural industry.



Picture from the Excursion visit to Patnajali Food and Herbal Garden

20. Industrial Visit to Rubico IT, Haridwar-29/11/2019

An insightful industrial visit was meticulously organized for the 24 third-year B.Tech CSE students, aimed at providing them with exposure to essential technical skills and a firsthand experience of the work culture prevalent in the IT industry. The visit took them to Rubico IT, located in Haridwar, where they received a comprehensive overview of various cutting-edge technologies.

During their visit, the students had the privilege of engaging with industry executives who expertly explained the intricacies of different modules involved in software solutions. This interaction not only broadened their understanding of the industry but also provided valuable insights into the practical applications of their academic knowledge.

The visit to Rubico IT served as a valuable stepping stone, offering students a glimpse into the dynamic world of IT, ultimately enriching their educational journey and preparing them for future challenges in the field.



A Glimpse into Educational Odyssey in Rubico IT Services Haridwar

21. Educational tour to Instrumentation Centre, IIT Roorkee-07/02/2020

The Department of Sciences at Quantum University orchestrated an enlightening educational trip for 19 members of 4th Semester B.Sc. (Hons) Physics, Mathematics, and Chemistry students. The destination was the renowned Instrumentation Centre, IIT Roorkee, celebrated for nurturing skilled professionals adept at handling and maintaining highly advanced scientific instruments.

This visit to the Institute Instrumentation Centre (IIC) provided students with invaluable insights into a myriad of ULTRA-MODERN MICROSCOPIC EQUIPMENTS. These cutting-edge instruments, including AFM Probes, XPS, VSM, EMPA, TEM, XRD, ICPMS, FLS, AAS, and NMR, were housed in meticulously designed chambers with sophisticated software-machinery interfaces. This streamlined setup replaced cumbersome procedures, enabling students to grasp the intricacies with ease and efficiency.

Dr. Vipin Chawla, the Technical Officer at IIT Roorkee, shared his expertise, illustrating the practical applications of these instruments through real-life examples. The trip proved to be highly informative, not only enriching the students' knowledge but also providing valuable insights for the faculty members. Engaging interactions between students and the esteemed faculty members of IIT Roorkee expanded the students' horizons, encouraging them to delve deeper into the realms of research and innovation in the future.



Eyeball into the Educational Tour to the Institute Instrumentation Centre (IIC) Roorkee

Event Report

Workshop & Conference

2019-2020

1. Introduction to IoT and ML - 31/08/2019

On August 31, 2019, Mr. Jay Prasad Agarwal conducted an informative session aimed at acquainting students with the core principles of Internet of Things (IoT) and Machine Learning (ML). The session served as a comprehensive introduction to these transformative technologies, offering insights into their fundamental concepts and practical applications.

Event Details:

Mr. Agarwal's session attracted the participation of 40 students eager to delve into the burgeoning fields of IoT and ML. Through a structured presentation, he elucidated key concepts, illustrating their relevance in contemporary technological landscapes.

Highlights:

Fundamental Concepts: Mr. Agarwal provided a clear overview of IoT and ML, elucidating their underlying principles and functionalities.

Practical Applications: The session featured discussions on real-world applications of IoT and ML, showcasing their potential across various domains such as healthcare, transportation, and agriculture.

Project Showcase: Attendees were exposed to notable projects within the IoT and ML domains, offering them a glimpse into innovative developments and inspiring initiatives.



Image from fundamentals of IoT and ML Session, an introduction to new age technology

2. Hotel Communication Skills - 31/08/2019

Department of Hospitality and Tourism at Quantum University, Roorkee, hosted an enriching workshop on hotel communication skills led by Mr. D.C Vashishth, Dean of the Hospitality and Tourism, on August 31, 2019. Drawing upon his extensive 20-year experience in both the industry and academia, Mr. Vashishth shared invaluable insights with the students. This workshop was attended by 10 students pursuing a hospitality course at Quantum University.

His interactive session emphasized the pivotal role of effective communication in the hospitality industry, underlining its significance in building successful organizations. Through a descriptive presentation, he elaborated on various aspects of communication, including body language and effective listening.

Mr. Vashishth also shared his practical knowledge, including hotel reviews from his professional endeavors, offering students a comprehensive understanding of the industry's demands and the importance of meticulous work behind the scenes, beyond the glamour of the final event.



A Personality Grooming Workshop for BHM students

3. Workshop On “Personal Hygiene”-07/09/2019

Department of Hospitality and Tourism at Quantum University, Roorkee, hosted an engaging workshop on Personal Hygiene, conducted by Mr. Deepak Rawat, Assistant Professor, Quantum University on September 07, 2019. Leveraging his decade-long experience in both industry and academics, Mr. Rawat shared valuable insights with 14 students, underscoring the crucial role of Personal Hygiene in the hospitality sector.

Through a descriptive presentation, he emphasized the importance of hygiene in shaping the reputation of an organization, offering practical tips on grooming, a current necessity in the hospitality field. Mr. Rawat's session covered essential topics like Personality, Grooming, and Hygiene, equipping students with knowledge and skills. Senior faculty member, Mr. DC Vashishth, highlighted the demanding nature of the hospitality career, emphasizing the vital role of personal hygiene and grooming standards in this competitive industry.



Glance at the Group Picture on Workshop on “Personal Hygiene”

4. Use of Passive Voice in Newspaper Reading and Question Formation **-09/09/2019**

On September 9, 2019, the Faculty of Business and Management conducted an insightful workshop led by Mr. Indra Kant Pathak, Assistant Professor at Quantum University. The workshop focused on the strategic use of passive voice in newspaper reading and question formation.

Mr. Pathak enlightened the 28 participating students about the nuances of passive voice, a grammatical construction emphasizing the recipient of an action, commonly employed by journalists to shift focus, highlight impact, or maintain neutrality in news reporting. Through practical examples, students gained valuable insights into the significance of passive voice in shaping effective communication in the realm of journalism.



Step into the World of Communication Skill Workshop in the Realm of Journalism

5. Campus to Corporate, MBA with International Exposure- 10/09/2019

On September 10, 2019, the Department of Graduate Studies organized a workshop featuring distinguished speakers, Mr. Rajveer Yadav and Dr. Rachit Agarwal, eminent professionals from United Resourcing Service Pvt. Ltd. The auditorium witnessed thrilling participation from as many as 130 participants, the workshop aimed to bridge the gap between college and corporate life, enlightening students about the disparities and industry expectations.

The session proved to be motivational and enthusiastic, imparting profound insights into the corporate world. Students gained valuable knowledge about corporate environments, making the workshop a highly enriching experience.



Mr. Rajveer Yadav is in action, providing enriching experiences in real corporate life, and students must realistically expect

6. Workshop On Creative Arts – 09/09/2019 to 11/09/2019

From September 09th to 11th, 2019, the Department of Media Studies and Design organized a comprehensive three-day workshop on creative arts, led by Professor Mohd. Waseem, Head of the Department at JMC University's, department of Fine Arts division. Each day focused on distinct topics, including Figure drawing, Design fundamentals, and Basics of Typography.

Professor Mohd. Waseem engaged 35 students with hands-on sessions and assigned individual assignments, fostering skill development and a deeper grasp of design principles. The workshop's objective was to enhance students' visualization skills and provide a solid understanding of fundamental design elements, making it a valuable learning experience.



Memories from Creative Arts Workshop led by Professor Mohd. Waseem

7. Workshop on Vehicle Dynamics -21/09/2019

Impulse Club, in collaboration with AGNI, organized a workshop on vehicle dynamics on September 21, 2019, from 2:30 to 4:30 pm in room A-103. Mr. Vivek Kumar Sharma from the Department of Mechanical Engineering delivered the introductory lecture, providing 45 students with a deep understanding of vehicle parts and their optimal design parameters.

The lecture emphasized the vehicle's reactions to driver inputs on solid surfaces, exploring key aspects such as drivetrain, braking, suspension, steering, mass distribution, aerodynamics, and tire dynamics. Students were enlightened about various dynamic attributes including body flex, roll, directional stability, ride quality, and weight transfer. The workshop proved to be an enlightening session, enhancing participants' knowledge of vehicle dynamics and its intricate components.



Session Picture of Impulse Club's Workshop on Vehicle Dynamics, Students had information on various dynamic attributes including body flex, roll, directional stability, ride quality, and weight transfer.

8. Brain Storming through Case Analysis – 24/09/2019

On September 24, 2019, the department of Graduate Studies hosted a significant event spearheaded by Mr. Mahesh Mishra, a faculty member at Quantum University. His adept organization ensured the event's success, The audience of 45 students attended the session and delved into industry situation sensitivity analysis, focusing on actionable phenomena for top management.

The session served as an enlightening experience, empowering students with a heightened sensitivity towards industry dynamics. Mr. Mishra's guidance provided valuable insights, enhancing students' analytical thinking skills, particularly in the context of solving complex management case studies.



Insight Picture of a Brainstorming Session Through Case Analysis

9. Introduction To Animation Production Pipeline – 26/09/2019

On September 26, 2019, Quantum University organized a dynamic workshop on Introduction to Animation Production Pipeline for the Department of Media Studies & Design, led by seasoned industry expert Mr. Arun Kumar Dyundi, boasting 15 years of experience as a 3D animator and VFX artist. Mr. Dyundi commenced the session by introducing industry-standard frame rates for film, gaming, and television. This session was attended by more than 14 participants from the Department of Media Studies & Design at Quantum University.

He meticulously elaborated on the Animation Production Pipeline, elucidating the various production stages that transform a story concept into a complete film. The workshop received overwhelmingly positive feedback from students, underlining its effectiveness in imparting valuable insights into the animation industry.



A Glimpse from a Workshop on Introduction to Animation to Production Pipeline

10. Workshop on Water Resource Management - 11/10/2019 to 12/10/2019

From October 11-12, 2019, the Department of Civil Engineering organized a comprehensive two-day workshop focused on Water Resource Management for civil 50 engineering students. Mr. Karan Babbar, the Coordinator of the department, initiated the workshop with an introduction to Water Resource Management.

The event featured enlightening presentations and video lectures by esteemed faculty members including Mr. Pavan Varshney, Mr. Shivanshu Malviya, Mr. Himanshu Kandpal, and Ms. Shilpi Gupta.

The workshop covered essential topics such as

- Water resources,
- New technologies for river management,
- Understanding water resource management concepts through case studies, a
- And discussions on potential future challenges and control measures for water demand.

This workshop provided valuable insights into the field of water resource management and equipped students with knowledge about the latest technologies and practical problem-solving approaches.



Take a Look at the Picture of the Workshop on Water Resource Management

11. Salesforce Training -11/11/2019 to 16/11/2019

Department of Computer Science and Engineering organized a 5-day workshop from November 11 to 16, 2019, introducing students to the world of Salesforce through engaging training sessions. Led by Mr. Mayur Kashyap, the workshop focused on Salesforce Administration.

Through interactive sessions, In total of 61 students not only gained valuable insights into the Salesforce Company but also actively participated in earning Badges and Super badges, making the training both educational and enjoyable.



Smiling Face Posing after a Successful Training Session by Sales Force Company

12. Workshop On Culinary Art. – 13/11/2019

The Department of Hospitality and Tourism organized a delectable Workshop on Culinary Arts on November 13, 2019, at 11:00 am by the chef. Deepak recognizing culinary arts as one of the most accessible and delightful forms of art, the workshop provided 42 students from Shivalik Ganges Public School, Bhagwanpur, with hands-on experience. Divided into four groups, each comprising four students, the workshop covered a diverse menu starting with Tomato Basil Soup, Penne Alfredo, and Cream Caramel.

Under the guidance of a skilled chef, the students enthusiastically learned essential cooking skills, emphasizing food presentation and serving techniques. An expert conducted a food-tasting session, evaluating the students' creations. At the workshop's conclusion, participants were awarded certificates of participation by the Head of the department of Hospitality and Tourism, recognizing their culinary endeavors.



Department of Hospitality and Tourism Students Posing for Group Picture after Successful Workshop on Culinary Arts

13. Workshop On Future of Quantity Surveyor – 13/11/2019

The Department of Civil Engineering organized an enlightening workshop titled 'Future of Quantity Surveyor' to familiarize an estimated gathering of 70 students B.Tech 4th and 3rd-year students with the prospects and scope of Quantity Surveying. Conducted on November 13, 2019, from 10:30 AM to 11:30 AM, the event shed light on various aspects of project management.

Mr. Triveni Prasad Nanda & Mr. Yogesh from Amity University elucidated the expansive scope of Construction Management and Quality Management in the future through a detailed PowerPoint Presentation. He delved into different stages of project planning and execution, emphasizing the crucial role of Quantity Surveyors.

The workshop also covered essential topics like project contracts. Students found the event both informative and enjoyable, gaining valuable insights and new techniques that will undoubtedly aid them in their future professional endeavors.



An Eye Opener Workshop on the Future of Quantity Surveyor

14. 'Innovative Design: Ideation to Realization' – 13/11/2019

On November 13, 2019, a workshop titled 'Innovative Design: Ideation to Realization' was organized at DIC, Roorkee, exclusively for an estimated number of 30 Quantum University students. The workshop was hosted by the Design Innovation Center (DIC), initiated by the Ministry of Human Resource Development (MHRD), Government of India, as part of the national initiative for design innovation.

Divided into two sessions, the workshop aimed to enlighten students about Design Innovations and 3D printing technologies. The introductory pre-lunch session was conducted by esteemed professors Prof. Akshay Dvivedi, Prof. Radha Raman Mishra, and Prof. Varun Sharma from IIT Roorkee. Through this workshop, students gained valuable insights into the world of innovative design and cutting-edge 3D printing technologies.



Picture from Exposure visit to Design Innovation Center, this trip was organized to enhance the knowledge of Civil Engineering Students, the theme was designed to realize who ideas take shape

15. Workshop on Mocktail - 16/11/2019

On November 16, 2019, the Department of Hospitality and Tourism at Quantum University hosted an engaging Mocktail Workshop in their Food and Beverage Service Lab. Mr. D. C. Vashishth, with his extensive experience in Bar & Lounge operations spanning over twenty-eight years, led the session. Encouraging the active participation of 20 students, he inspired students to explore creativity in the realm of mocktail preparation.

During the workshop, students were introduced to a variety of innovative mocktail recipes such as ***Fruit Punch, Virgin Mary, Virgin Pinacolada, Virgin Mojito, and Papaya Passion***. The session not only provided valuable insights into the beverage industry but also offered a platform for students to craft their mocktails, enhancing their skills and creativity in the field.



Image from workshop on making the Best Creative Cocktails for Hospitality Students

16. Workshop on Refrigerator maintenance- 23/11/2019

Impulse Club facilitated a 'Workshop on Refrigerator Maintenance' on November 23, 2019, from 2:30 PM to 4:00 PM at Basic Mechanical Engineering Lab C-003. The workshop aimed to familiarize students with the various components of a Godrej refrigerator, including the Evaporator, Condenser, Expansion Valve, and Compressor, highlighting their functions and operations within a domestic fridge. Mr. Pankaj, a skilled technician, demonstrated the sequence of operations and maintenance procedures for these parts. Over 40 Quantum University students actively participated, gaining valuable insights into refrigerator mechanisms and maintenance techniques.



Take a Glance at the Image of the Workshop on Refrigerator Maintenance Organized by Impulse Club Quantum University

17. Chatbot Marketing Workshop - 27/11/2019

The TechPro club hosted a Chatbot Marketing Workshop on November 27, 2019, featuring Er. Shahnawaz Khan, Founder and CEO of Web Drill Technologies. Organized by the Department of Computer Application, the workshop commenced with an exploration of the cost disparities between Mobile Apps and Chatbots.

An estimated 35 Students received an in-depth introduction to Marketing through Chatbots, delving into their practical applications. Additionally, participants learned the process of creating and deploying their own chatbots using online tools like Facebook Messenger. The session provided students with valuable insights into the realm of chatbot technology and its marketing potential.



Picture from Session in Progress for Chatbot Marketing

18. Psychology Workshop on Personality and Its Aspects - 27/11/2019

The Department of Humanities and Social Sciences organized an enlightening workshop on November 27, 2019, led by Ms. Meenakshi Chaubey, who played a pivotal role in the event's success. The workshop aimed to familiarize 17 students with various aspects of personalities, including trait theories and methods of predicting personality based on body types and color preferences.

Key topics covered included the fundamental concepts of personality, trait and type theories, humanistic approaches, and understanding body types and color preferences. Students gained insights into how body structures influence personality traits and how color preferences can impact an individual's aura. The workshop provided valuable knowledge, helping students comprehend the diverse aspects of human personality.



A Psychology Workshop on Personality and Its Aspects

19. Workshop on Grafting - 30/11/ 2019

On November 30, 2019, a workshop on the topic of Grafting was organized for the 5 third-year B.Sc. (Hons.) Agriculture students. The workshop provided students with hands-on experience as they learned grafting techniques for fruits and flower plants. Mr. Anjil Kumar, a faculty member of the Department of Agricultural Studies, played a crucial role in the successful execution of the event. 5 enthusiastic students actively participated, gaining practical insights into the art of grafting plants.



B.Sc. Agriculture Studies Students Learning about Grafting During a Workshop

20. Workshop on food processing - 06/01/2020

On January 6, 2020, an engaging workshop was organized for third-year 45 B.Sc. (Hons.) Agriculture students at the Department of Agricultural Studies, focusing on food processing techniques. Under the expert guidance of Mr. Naveen Chandra, a dedicated faculty member, students enthusiastically delved into the art of preparing mixed fruit jam, apple squash, and guava jelly.

This hands-on experience provided invaluable insights into post-harvest management of fruits and vegetables. Through this event, students not only honed their culinary skills but also learned essential techniques for preserving and processing fresh produce. Mr. Naveen Chandra's expertise and guidance ensured the success of this enriching workshop, enabling students to expand their knowledge in the field of food processing.



Agriculture Students Harnessing the Power of Value addition of Food and its Products during the Workshop on food processing

21. Analysis of Financial Budget-2020 - 4/2/2020

On February 4, 2020, a comprehensive analysis of the Financial Budget for the year 2020 was conducted at Quantum University with more than 120 students. The event aimed to dissect the key aspects of the budget, providing insights into its implications for various sectors of the economy.

Event Highlights:

1. **Overview of Budget Components:** The session commenced with an overview of the major components of the Financial Budget, emphasizing government expenditure, revenue projections, and fiscal policy measures.
2. **Sectoral Analysis:** Experts delved into sector-specific allocations and policies, shedding light on how the budgetary provisions would impact sectors such as agriculture, healthcare, education, and infrastructure. Detailed discussions highlighted the government's focus areas and planned initiatives.
3. **Taxation Reforms:** The analysis delved into taxation reforms, including changes in income tax slabs, corporate taxes, and indirect taxes. Experts elucidated the potential impact of these reforms on businesses and individual taxpayers.
4. **Economic Growth Projections:** The budget's economic growth forecasts and the underlying assumptions were critically examined. Analysts discussed the feasibility of these projections in the context of current economic trends.
5. **Investment and Job Creation:** The budget's measures to promote investments and create employment opportunities were thoroughly reviewed. Special attention was given to policies encouraging entrepreneurship and fostering innovation.
6. **Open Forum Discussion:** The session included an interactive segment where attendees posed questions and engaged in discussions with the experts. This allowed for a deeper exploration of specific budgetary concerns and clarifications on complex economic policies.



Picture from the Symposium Executed on the Topic Analysis of Financial Budget-2020

22. Workshop on Web Designing & Digital Marketing - 4/2/2020

The Computer Science and Engineering (CSE) Department at Quantum University organized a transformative workshop on Web designing & Digital Marketing on February 4, 2020. The primary objective of this workshop was to enlighten 70 students about the diverse facets of Digital Marketing and enhance their proficiency in crafting and implementing effective digital marketing strategies.

Mr. Ritesh Kumar sharma from Zaptas Technologies focused on the rapidly evolving marketing landscape, the workshop aimed to equip students with the skills needed to navigate the digital realm seamlessly. Participants delved into various aspects, including website construction and optimization, content strategy development, harnessing the power of social media, understanding advertising methodologies, lead conversion, nurturing strategies, as well as monitoring and tracking campaign performance.



A Glimpse from Workshop on Full Stack Web Designing and Digital Marketing

23. Workshop on Web Analytics - 18/2/2020

The Department of Computer Science and Engineering conducted an illuminating workshop on Web Analytics on February 18, 2020. The workshop delved into the essential aspects of web analytics, focusing on measuring, collecting, analyzing, and reporting web data to comprehend and enhance web usage. The workshop was joined by 140 students, they had a profound learning experience on the analytics of the web.

Beyond mere traffic measurement, the workshop emphasized the strategic role of web analytics in business and market research. Participants learned to assess website effectiveness, measure the impact of advertising campaigns, and anticipate traffic changes post-campaign launches.

The workshop not only provided insights into visitor numbers and page views but also facilitated understanding of traffic trends crucial for market research. Interactive sessions, live demonstrations, and student engagement made this workshop a highly enriching experience, allowing students to grasp the significance of web analytics in shaping successful online strategies



Analytics of Consumer Behavior Data has become an essential part of any Business a Strong Message during Workshop on Web Analytics

24. Workshop on “Travel Cake Making - 24/02/2020

The Department of Hospitality and Tourism at Quantum University, Roorkee, hosted an enriching workshop led by Chef Raman Deep Bagga, a seasoned Pastry Chef from the Academy of Pastry and Culinary Arts, on February 24, 2020. With a focus on the art of baking, Chef Bagga shared invaluable insights and expertise, highlighting the plethora of opportunities available to hospitality students both in India and abroad, especially in the bakery sector.

During the interactive session, Chef Bagga engaged 35 students with his wealth of experience, delivering a descriptive presentation on the intricate world of baking. He emphasized the pivotal role of a chef in upholding an organization's reputation and popularity, offering students a plethora of tips and techniques. Chef Bagga demonstrated the preparation of a delectable travel cake using high-quality ingredients such as imported chocolate Callebaut, Callebaut cocoa powder, imported cream Anchor from France, Orange Zest, Liquid Glucose, and Almond powder.

The cake's exquisite stuffing was made with chocolate orange Ganache, expertly prepared by Chef Bagga himself. In an engaging finale, Chef Ramandeep Bagga encouraged students to actively participate by creating their cakes, imparting invaluable techniques employed by seasoned bakery chefs. This workshop not only enhanced the students' culinary skills but also ignited their passion for the art of baking, opening doors to a world of creativity and innovation in the culinary industry.



An Expert Transferring the essential knowledge on Travel Cake Making for Hospitality Students

25. Workshop on Industrial Automation - 24/02/2020

The Department of Mechanical Engineering at Quantum University conducted an enlightening workshop on Industrial Automation, led by Dr. Kamlesh Singh on April 24, 2020. This session saw active participation from 34 enthusiastic students.

Industrial automation, a pivotal advancement in the realm of industrialization, involves the utilization of control systems, including computers and robots, alongside cutting-edge information technologies. These systems replace human intervention, paving the way for increased productivity and reduced operational costs. The workshop delved into the evolution of automation, which initially aimed at enhancing productivity and curbing labor costs. However, the contemporary focus has shifted towards elevating the quality and flexibility of manufacturing processes.

A prime example of this transformation is evident in the automobile industry, where tasks once prone to human error, such as piston installation, have been revolutionized. Manual processes, with an error rate of 1-1.5%, have now been seamlessly replaced by automated machinery, boasting an astonishingly low error rate of 0.00001%. This workshop not only underscored the technological advancements driving industries but also inspired budding engineers to explore the limitless possibilities of automation in shaping the future of manufacturing.



An Informative Workshop on Industrial automation is the use of Control Systems

Event Report Guest Lecture 2019-2020

1. Research and Academic Possibilities after Graduation in Science - 12/02/2019

In an enlightening online Skype session held on February 12, 2019, the Department of Sciences at Quantum University provided students with a B.Sc. (Hons.) PCM with a unique opportunity to delve into the realm of research post-graduation. Renowned scholar, Dr. Bhishma Tyagi, Assistant Professor in the Department of Earth Science at NIT Rourkela, shared his profound insights.

During this interactive session, approximately 51 students gained valuable clarity on research opportunities, both in India and abroad. Dr. Tyagi expertly navigated topics ranging from selecting research streams to relevant entrance examinations, dispelling any uncertainties. Additionally, he passionately addressed environmental concerns, shedding light on pollution factors and potential solutions. This session illuminated a clear path for students, encouraging them to pursue a bright future through dedicated efforts and knowledge acquisition.



Picture from an online Webinar on the topic Research and academic possibilities after graduation in science by Dr. Bhishma Tyagi

2. Guest Lecture on the Introduction to Journalism - 07/08/2019

The Department of Media Studies and Design hosted a compelling guest lecture on "Introduction to Journalism" on September 7, 2019, featuring Mr. Dinesh Joyal, Ex-Chief Editor of Amar Ujala. During the lecture, Mr. Joyal delved into the evolution of news types across different eras, emphasizing the significant impact of technological advancements on the field of journalism. He shared his wealth of experience with 30 students, providing valuable insights into the fundamentals of journalism.

Mr. Joyal's discussion not only highlighted the historical context but also shed light on the transformative role of technology in shaping contemporary news reporting. His guidance proved invaluable as he navigated students through the core principles of journalism, offering them a comprehensive understanding of the field. The guest lecture served as a bridge connecting the rich legacy of journalism with the dynamic digital landscape of today.



Deep Discussions and Guest Lecture on Journalism by Mr. Dinesh Joyal

3. Alumni Interaction 2019 -07/09/2019

The Department of Mechanical Engineering at Quantum University organized an insightful 'Alumni Interaction 2019' session on September 7th, 2019, from 10:00 AM to 12:00 PM at the B. Tech. seminar Hall. The event served as a platform for 60 students to glean wisdom from accomplished alumni.

The session proved to be highly interactive, with students actively engaging by posing queries and doubts. The alumni, Mr. Jasbeer Singh Dua (Manager- Pyrax International, Roorkee) and Mr. Rehan Khan (Embedded Engineer- K D Labs & Industries, Jaipur), with their wealth of experience, graciously addressed all questions. They shared their personal success mantras, providing invaluable insights on how to navigate the challenges that lie ahead in the journey to a successful career.

With over 60 students from the Mechanical department in attendance, this interaction proved immensely beneficial. Such events play a pivotal role in shaping the career trajectories of students, offering them guidance and a firsthand understanding of the evolving landscape of industries. The alumni's guidance provided students with a clearer perspective, enabling them to make informed decisions as they embark on their professional journeys.



In the Picture Experience Sharing of an Alumni during a Meet-up Workshop

4. How to prepare for GATE/IES and major exams - 14/09/2019

The Department of Mechanical Engineering at Quantum University orchestrated a motivational lecture by Vaibhav Srivastava (Made Easy Coaching, Delhi) on 'How to prepare for GATE/IES and major exams' on September 14th, 2019, from 11:30 AM to 1:30 PM at the Shyam ji Auditorium. The session aimed to inspire and guide 100 students in their preparation for the highly competitive GATE and IES examinations, vital milestones in an engineering career.

The lecture garnered an enthusiastic audience, with over 100 students from Quantum University in attendance. These motivational sessions play a pivotal role in shaping the aspirations of students, offering them valuable insights into the nuances of competitive engineering examinations. By providing a platform to learn about the intricacies of these exams, the session opened new avenues for their future careers, instilling them with confidence and determination as they embark on the challenging path of preparing for major engineering examinations.



A very Powerful Eye-opener Workshop on How to prepare for GATE/IES and major exams

5. Guest lecture on Vedic Maths - 14/09/2019

The Department of Sciences at Quantum University organized an enlightening guest lecture on Vedic Mathematics on September 14th, 2019. The esteemed speaker for the session was Mr. Guru Prabhat, Assistant Professor of the Department of Computer Science and Engineering. The lecture, tailored for 55 B.Sc. (Hons.) PCM students delved into the fascinating realm of Vedic Mathematics, an ancient Indian mathematical technique.

During this interactive session, Mr. Guru Prabhat elucidated various Vedic mathematical techniques, unveiling their power to enhance problem-solving skills significantly. Students discovered that Vedic Mathematics enables individuals to solve mathematical problems 10-15 times faster, leading to improved academic performance. The lecture emphasized how Vedic Mathematics provides instant results, sharpening the mind and transforming the way mathematical challenges are approached. By exploring these ancient techniques, students gained valuable insights, paving the way for a more efficient and effective approach to mathematics.



A Glimpse from the Vedic Mathematics class

6. Guest Lecture on World Radiology Day - 07/11/2019

The Department of Paramedical Sciences commemorated the 124th World Radiography Day and the 8th International Day of Radiology (IDOR-2019) on November 7, 2019, with great enthusiasm. Dr. Praveen Kumar, the Head of the Department, addressed 55 students, enlightening them about the importance of this significant day in the field of radiology.

To enhance the student's knowledge, Mr. Shiv Kailash Yadav, Assistant Professor (Swami Vivekanand Subharti University), delivered an informative guest lecture focusing on MR perfusion and Radiation safety. The session proved to be insightful, providing students with valuable insights. Additionally, students actively engaged in the event, showcasing their knowledge and expertise through PowerPoint presentations. The event not only celebrated the achievements in radiography but also fostered an environment of continuous learning and knowledge sharing among radiology enthusiasts.



Celebrating World Radiology Day Activities and Guest Lecture on MR perfusion and Radiation Safety

7. Entrepreneurship in India: Challenges and Prospects - 16/11/2019

A riveting guest lecture on "Entrepreneurship in India: Challenges and Prospects" was held on November 16, 2019, featuring Mr. Tarun Kant Pant as the distinguished speaker. His compelling speech captivated the audience, shedding light on the challenges and opportunities within the entrepreneurial landscape in India.

Mr. Pant's insights resonated profoundly, making this event a resounding success. Over 80 enthusiastic students participated, gaining valuable knowledge about navigating the complexities of entrepreneurship. The lecture equipped them with practical strategies to tackle challenges and seize opportunities, empowering them to make informed decisions in their future business ventures and careers.



A guest Lecture by Mr. Tarun Kant Pant on Entrepreneurship in India Themed Challenges and Prospects

8. Guest Lecture on Retail Management - 18/11/2019

The Department of Business Administration hosted a guest lecture on Retail Management for 55 MBA students on November 18, 2019. The distinguished speaker, Mr. Sumit Singh from Vishal Mega Mart, Haridwar, shared valuable insights into store operations and back-end processes within the retail industry. During the session, an estimated 55 students gained a deep understanding of the intricacies involved in managing a retail store effectively.

Mr. Singh's discussion extended beyond operational aspects, he also highlighted the vast opportunities within the retail sector. Students were enlightened about the diverse career prospects available, providing them with a broader perspective on the retail industry. The lecture proved to be a valuable experience, offering students practical knowledge and a glimpse into the dynamic world of retail management.



Image from a Guest Lecturer in Retail Management

9. Guest lecture on the Development of Tourism in Uttarakhand - 19/11/2019

The Department of Hospitality and Tourism organized a captivating guest lecture on the "Development of Tourism in Uttarakhand" on November 19, 2019. Embracing the growing trends and opportunities in the tourism sector, the event aimed to inspire the next generation of travel and aviation professionals. Mr. D. C. Vashishth, Head of the department, encouraged active participation from 18 students, fostering an engaging learning environment.

The lecture, delivered by Mr. Abhinay Chauhan, Director of Airgo Tourism and Aviation, shed light on current trends and career prospects in travel, tourism, hospitality, and aviation sectors. The session proved to be insightful, providing students with valuable knowledge about the vast potential for tourism development in Uttarakhand, leaving them inspired and informed about the exciting prospects in their chosen field.



Image from a very Impactful Guest lecture on the Development of Tourism in Uttarakhand

10. Guest Lecture on the Strengthening of the foundation of Qutub Minar - 20/11/2019

A remarkable guest lecture on "Strengthening the Foundation of Qutub Minar" was organized by the department, offering 83 students an authentic glimpse into construction practices. Attended by students from B. Tech. 2nd, 3rd & 4th year, and Diploma 2nd & 3rd year (Department of Civil Engineering), along with ten esteemed faculty members, the event commenced at 10:00 AM on November 20, 2019.

The session kicked off with a warm welcome, as the guest speaker, Prof. Dr. S. C. Handa, was greeted with a bouquet by the faculty and students. Prof. Handa delved into the intricacies of strengthening the foundation of Qutub Minar, showcasing compelling images from live projects. His engaging lecture provided invaluable insights, enriching the student's understanding of real-world construction procedures and leaving them inspired to apply their knowledge in future endeavors.



Civil Engineering Students Discoursed through a Guest Lecture on Strengthening of foundation of Qutub Minar