



Quantum University, Roorkee
(Quantum University Incubator)



Annual Report
Of
Quantum University Innovation Council (QUIC)
Session: 2018-2019

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.	First "Entrepreneurship Awareness Camp"	08/30/2018 to 09/01/2018	Entrepreneurship
2.	Second "Entrepreneurship Awareness Camp"	09/13/2018 to 09/15/2018	Entrepreneurship
3.	National Conference on Trends & Innovations in Mechanical Engineering (TIME2018)	10/05/2018 to 10/06/2018	Entrepreneurship/ Intellectual Property Rights
4.	Workshop on "e- Commerce Website Development"	10/06/2018	Entrepreneurship/ Skill Development
5.	Third "Entrepreneurship Awareness Camp"	10/15/2018 to 10/17/2018	Entrepreneurship
6.	Workshop on "Hotel Communication Skills"	01/25/2019	Skill Development
7.	Demonstrative Workshop on "Industrial Automation"	02/02/2019	Skill Development
8.	Workshop on "Fabrication of Water Rocket"	02/09/2019	Skill Development
9.	Workshop on "Italian Cuisine"	02/15/2019	Skill Development
10.	Workshop on "Digital Marketing"	02/16/2019	Entrepreneurship/ Skill Development
11.	Fourth "Entrepreneurship Awareness Camp"	02/21/2019 to 02/23/2019	Entrepreneurship
12.	Fifth "Entrepreneurship Awareness Camp"	02/25/2019 to 02/27/2019	Entrepreneurship
13.	Workshop on "Design and Fabrication of Gear"	03/30/2019	Skill Development
14.	Workshop on "Engine Assembly-Disassembly"	08/31/2019	Skill Development
15.	Startups Nurtured in Quantum University	Ongoing Activity	Handholding Support


Registrar
Quantum University



1. First “Entrepreneurship Awareness Camp”

Quantum University, Roorkee in association with **Entrepreneurship Development Institute of India, Ahmedabad** had organized an **Entrepreneurship Awareness Camp** for **students** under the **DST-NIM AT program of Government of India** from **August 30th 2018 to September 1st 2018**.

Prof. Vivek Kumar, Vice Chancellor-Quantum University and Prof. (Dr.) Gulshan Chauhan, Director-Faculty of Technology, jointly inaugurated the event. The awareness camp started with the lamp lighting ceremony. The **objective** of the program was to **create awareness among faculty and students of different courses about various facts of entrepreneurship as an interesting career option and also to highlight the merits of pursuing such an option**.

Dr. Gulshan Chauhan, Director – Faculty of Technology, in his address described the objective of Entrepreneurship Awareness Camp. He emphasized on the advantages of entrepreneurship and gave ideas about pursuing entrepreneurship. He also thanked the Government of India for providing required financial support for the event.

Prof. Vivek Kumar, Vice Chancellor-Quantum University, shared his views on the idea of business growth. He said that the quality of product is very important for a good business. He motivated students to be a job creator rather than job seeker.

The **Entrepreneurship Awareness Camp** further proceeded by **Dr. Rajeev Ranjan**. He emphasized on the need of Entrepreneurship. He said that “The one who is creative, innovative and has risk taking ability is an entrepreneur”. He said, to start a venture, an innovative idea is the first step. Self confidence, risk taking ability, perseverance, creativity and personality are the most important parts of trait theory. He also told students about the banks, investors and venture capitalists.

Mr. Pushpender Singh in his session emphasized on the benefits of entrepreneurship by giving examples of Micro entrepreneurs to large enterprise entrepreneurs. He discussed what MSME is, How to start an SSI unit. He also discussed the various aspects to be taken care of in the project report for Government formalities and further rules and regulations. Various schemes of Government agencies, banks and financial institutions were also discussed with the students.



The **first day** of the Entrepreneurship Awareness Camp covered several aspects related to entrepreneurship including identification of opportunities for entrepreneurship, mechanism of product selection and technology-assistance from R&D labs and others on choice of Technology, how to start SSI unit, Tech. and commercial aspects of SSI unit including salient features of a project report, support and financial assistance from government agencies, banks, financial institutions, SFCs and others- securities demanded by FIs/banks, creativity and business, communication skills, lecture by practicing entrepreneur's success stories and common problem faced by entrepreneurship.

The **second day** of the camp was hosted by Dr. **Rajat Agarwal, Associate Professor, Department of Management Studies, IIT Roorkee**. In his session he described the importance of failure in order to be a successful entrepreneur. He elaborated his theory with the famous example of the discovery of the bulb by Thomas Edison. He described the methods to first identify a problem and then create a solution for it. He focused on regional problems and growing sectors like renewable sources of energy. He emphasized on the opportunities available in the renewable energy sector by giving the example of Solar energy. He concluded his session by saying that in order to achieve something big, you have to dream big.

The **last day** of the Camp started with the intellectual session of **Dr. Indu Gautam, Associate Professor – Doon University**. In her session she focused on the need for creativity in entrepreneurship. She discussed the challenges in innovation among the students and described the 15 signs of an entrepreneur based upon her research.

Under **Entrepreneurship Awareness Camp**, participating **students got the opportunity to visit the Ambuja Cement Ltd., Bhagwanpur**. In this industrial visit they came to know about the processes that are involved in making the raw material to the final product. Students were excited to see the actual work line in the industry. They interacted with the Production engineers. Managers and HR team in order to understand the working culture of the industry. Story of success of Ambuja cements Ltd which was founded in 1983 by two entrepreneurs was shared by the HR team. They also motivated budding engineers to take up the path of being an Entrepreneur.



In the concluding session, **Mr. M. Kannan**, organizer for the Entrepreneurship Awareness Camp expressed his vote of thanks to eminent personalities for making this event a success. He expressed his gratitude towards EDII & DST-NIMAT for providing such a platform to Quantum University.



6/17/23, 12:27 PM

Quantum University Mail - Entrepreneurship camp



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Entrepreneurship camp

2 messages

kannan m <mkannan.me@quantumeducation.in>

Wed, Aug 29, 2018 at 3:41 PM

To: vaseem.me@quantumeducation.in, Ankit Sharma <ankitsharma.me@quantumeducation.in>, Ankur Jain

<ankurjain.me@quantumeducation.in>, Kan Mani <mkannanm@gmail.com>, Mukesh Kumar

<mukeshkumar.me@quantumeducation.in>, Naveen Rana <naveenrana.me@quantumeducation.in>, "neetusaini. me"

<neetusaini.me@quantumeducation.in>, Rajneesh Tamta <rajneeshtamta.me@quantumeducation.in>, Raunak Gupta

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<saurabhkhotiyan.me@quantumeducation.in>, Shakti Gautam <shaktisinghgautam.me@quantumeducation.in>, Surinder

Kumar <surinderkumar.me@quantumeducation.in>, Vipin Singh <vipinsingh.me@quantumeducation.in>, Vishwarya Dutt

<vishwaryadutt.me@quantumeducation.in>, Vivek Kumar Sharma <vivekkumarsharma.me@quantumeducation.in>

Cc: Gulshan Chauhan <director@quantumeducation.in>, coordinators@quantumeducation.in

Dear all

Entrepreneurship awareness camp is scheduled from tomorrow 30 Aug to 01 September 2018.

Diploma final year students of ME,CE & CSE will be the participants.

All those who have First lecture will take classes till 9.40 am and bring them to B.Tech Seminar Hall and be there till the start of function.

Attendance will be taken by the collectively by Mr Naveen Rana & Mr Surinder Saini. All faculty members having classes in these courses during the duration of camp will have to be present in seminar hall and maintain discipline.

Certificate will be provided to the participants with 100% attendance.

Kindly ensure the presence of all students.

Thanks & Regards

M.Kannan

Coordinator- Mechanical & Mechatronics Engineering

Quantum University,Roorkee,UK,India

#9758315554



EAC programme details 29.08.18.doc

38K

Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Thu, Aug 30, 2018 at 12:12 PM

To: "rohit.admin" <rohit.admin@quantumeducation.in>

[Quoted text hidden]

-

Prof. Vivek Kumar,

Vice Chancellor,



Dehradun-Roorkee Highway, Roorkee, INDIA

Phone: +919991881333 (O), +919760071971 (R)

Email: vicechancellor@quantumuniversity.edu.in

Web: www.quantumuniversity.edu.in



ENTREPRENEURSHIP AWARENESS CAMP (30 AUGUST – 01 SEPTEMBER 2018)

PROGRAMME DETAILS

DAY 1

Date	Event	Time	Speakers	Topic
30.08.18	Registration	9.15 am -10.00 am	-	-
	Inaugural Function	10.00 am -10.10 am	Welcome of participants, Lamp lighting	
	Session 1	10.10am -10.20 am	Dr Gulshan Chauhan	Camp Objective
		10.20-12.30	Dr Rajeev Ranjan	Why Entrepreneurship (general concepts, Historical Background, Indian scenario)
	12.40- 2.00 pm		Lunch Break	
	Session-3	2.00-3.30 pm	Mr Pushpendra Singh	How to start an SSI Unit(Govt. formalities ,rules etc), Techno commercial Aspects, Various Government schemes

DAY 2

31.08.18		10.00-10.10 am	Anchoring Team	Welcome of guests & participants
	Session 1	10.10am -12.10 pm	Dr Rajat Agrawal, IIT Roorkee	Identification of business opportunities, product selection, Technological Assistance from R&D Labs and others
	12.10- 1.30 pm		Lunch Break	
	Session-2	1.30-3.30 pm	Mr Vaibhav Gupta	Communication Skills for better business

DAY 3

01.09.18		10.00-10.10 am	Anchoring Team	Welcome of guests
	Session 1	10.10am -12.10 pm	Ms. Indu Gautam, Doon University, Dehradun	Creativity in Entrepreneurship
	12.10- 1.30 pm		Lunch Break	
	Session-2	1.30-3.30 pm	Feedback and Industry Visit	

Photos of the Event



Inauguration Session of the Event



Prof. Vivek Kumar, Quantum University

Mr. Pushpender Singh, Faculty of Business & Management



Dr. Rajat Agarwal – IIT Roorkee

Dr. Indu Gautam – Doon University



2. Second Entrepreneurship Awareness Camp

Quantum University, Roorkee and **QUIC** in association with **Entrepreneurship Development Institute of India, Ahmedabad** organized the **second Entrepreneurship Awareness Camp (EAC)** for **students** under the **DST-NIMAT** program of Government of India from **September 13th -September 15th, 2018** for **B.Tech final year students of CE, M E, PE & M TE** with the total strength of **108 attendees**.

Prof. (Dr.) Gulshan Chauhan, Director – Faculty of Technology, inaugurated the event. The awareness camp started with the lamp lighting ceremony. In his inaugural address to the participating **students** **said** we had **successfully completed the first EAC** and we look forward to the continuation of such efforts which focuses on the research and development activities dedicated to the students.

The camp begins with the intellectual session of **Mr. Pushpender Singh, Associate Professor -Quantum University**. He introduced the students with the general concepts of entrepreneurship, discussed the historical background and development in this field. He emphasized on the need of identifying a problem and then finding a solution. He explained the various concepts by giving real life examples.

Second speaker of the day was **Dr. Azam Ali Khan, CEO, TIDES Incubation Centre (IIT Roorkee)**. He discussed with the students about the different business cultures across the world, which he learnt while interacting with Senior Management in Corporate and government ministries and explained the approach to flourish in and appreciate diversity and different work and business cultures.

On the **second day** of the camp, **Mr. Vaibhav Gupta, Assistant Professor & PDP trainer - Quantum University** interacted with the students and provided them tips regarding the presentation of ideas and about pitching techniques in order to get the funding. He emphasized on the importance of communication skills and some common mistakes which we usually make while communicating our ideas. He discussed the techniques for making effective communication. He later added the other efficient things to be equipped with an Entrepreneur like Ideas, Communication skills, and Professional



skills. Moving ahead in the camp, he talked about Body languages, Leadership, etc. and motivated the students towards Entrepreneurship and opportunities related to it.

Mr. Suryakant from **DIC (District Industries Centre), Uttarakhand**, discussed the major challenges faced by the startups while their initial phases and suggested solution to overcome these challenges. He explained the slabs for MSME and different platforms which are available under various government schemes. He explained the process of registration for a startup and essential documentation required before applying.

He also discussed the ratio of available jobs over the employable candidates, which is creating a tough situation in the market for the graduating students. He made the students aware of other schemes like "Mahila Udyami", "Pradhanmantri Rozgar Yojana", etc. Later on, he talked about Single window systems started by the State Governments which provides NOC for industries in a month without long procedures.

Mr. V.K. Gupta, Branch Manager (Retd.), Punjab National Bank explained about the concepts of NABARD, SIDBI, RRB, Small Financial Banks and Payment Banks. He emphasized on the importance of funding in order to become a successful startup. He explained the concepts of strategic investment as today our banking sector is facing the major problem of Non Performing Asset (NPA).

He discussed the case study of Paytm Bank, which was given the status of a bank in August 2015 by the Reserve Bank of India. While concluding his session, he motivated the students to take the initial steps for building a startup, so that the youth can contribute more towards the Indian economy.

The **last day** of the camp was boosted by the presence of **Mr. Harmeet Jaiswal, Corporate Mantra (Co-Founder)**. He shared his experience in the field of business development, sales & marketing, corporate service and entrepreneurship. He explained the theory of human evolution through innovation. He showcased some motivational videos to the students. He made the session more interactive by indulging students through a question-answer round.



Mr V.K.Gupta and Mr Suryakant conducted **feedback & Queries sessions** with the participants. After this, participants were taken to Unitech Machines Limited, Bhagwanpur for their industrial visit. During the industrial visit, students explored the technology used for the production of different products, human resource management and the working culture of the industry.

Mr. M. Kannan – Programme Coordinator of the **Entrepreneurship Awareness Camp** expressed his vote of thanks to all the experts for sharing their experience and motivating the youth towards entrepreneurship.



6/17/23, 1:36 PM

Quantum University Mail - Entrepreneurship Awareness Camp - 2



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Entrepreneurship Awareness Camp - 2

1 message

kannan m <mkannan.me@quantumeducation.in>

Wed, Sep 12, 2018 at 4:21 PM

To: vaseem.me@quantumeducation.in, Ravi Goel <ravigoel.me@quantumeducation.in>, "neetusaini. me" <neetusaini.me@quantumeducation.in>, Naveen Rana <naveenrana.me@quantumeducation.in>, Ankur Jain <ankurjain.me@quantumeducation.in>, Vishwarya Dutt <vishwaryadutt.me@quantumeducation.in>, Vipin Singh <vipinsingh.me@quantumeducation.in>, Rajneesh Tamta <rajneeshtamta.me@quantumeducation.in>, Vivek Kumar Sharma <vivekkumarsharma.me@quantumeducation.in>, Shakti Gautam <shaktisinghgautam.me@quantumeducation.in>, Surinder Kumar <surinderkumar.me@quantumeducation.in>, Saurabh Khotiyan <saurabhkhotiyan.me@quantumeducation.in>, Mukesh Kumar <mukeshkumar.me@quantumeducation.in>, Raunak Gupta <raunakgupta.me@quantumeducation.in>, coordinators@quantumeducation.in
Cc: Gulshan Chauhan <director@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Dear All

Entrepreneurship awareness camp is scheduled from tomorrow 13 September to 15 September 2018.

B.Tech final year students of CE, ME,PE & MTE will be the participants.

All those who have First lecture will take classes till 9.40 am and bring them to B.Tech Seminar Hall and be there till the start of function.

Attendance will be taken collectively by Mrs Neetu Saini & Mr Vipin Singh. All faculty members having classes in these courses during the duration of camp will have to be present in seminar hall and maintain discipline.

Certificate will be provided to the participants with 100% attendance.

Kindly ensure the presence of all students.

Photos of the Event

DAY 1



Inauguration Session of the Event



Dr. Gulshan Chauhan Quantum University



Mr. Pushpender Singh, Associate Professor



Dr. Azam Ali Khan, CEO (Tides Incubation Center, IIT Roorkee)

DAY – 2



Session 1- M r. Vaibhav Gupta, Associate Professor - Quantum University delivering his speech



Session 2 - M r. Suryakant, DIC (District Industries Centre), and M r. V.K. Gupta, Branch Manager (Retd.), Punjab National Bank

DAY 3



Felicitatation of the Guests (Mr Suryakant & Mr V K Gupta joining the session)



Mr Harmeet Jaiswal delivering the talk



Mr. M. Kannan - Programme Coordinator Delivering Vote of Thanks



3. National Conference on Trends & Innovations in Mechanical Engineering (TIME 2018)

Two days National Conference on Trends & Innovations in Mechanical Engineering (TIME-2018) had been successfully organized by **Faculty of Technology, Quantum University** in association with **Institutional Innovational Council** on **5th and 6th October 2018**.

Prof. (Dr.) Dinesh Khanduja, Dept. of Mech. Engg., National Institute of Technology, Kurukshetra, Mr. Ajay Goyal, Chancellor-Quantum University, Prof. (Dr.) Vivek Kumar, Vice Chancellor-Quantum University, Prof. (Dr.) Gulshan Chauhan, Director-Faculty of Technology, Quantum University, Prof. (Dr.) Rohit Kushwaha-Director-Faculty of Business & Management, Quantum University, Faculty, and Students were present on the inaugural session. The conference started with the traditional lamp lighting ceremony followed by the Saraswati Vandana. Then, the Proceedings of the National Conference were launched.

Prof. (Dr.) Gulshan Chauhan, in his address, mentioned that this is the **6th National conference** organized by the Faculty of Technology and 2nd under the badge of Dept. of Mechanical Engineering. He also mentioned the various steps which were taken by Quantum University in the field of innovations for the overall development of its budding engineers. He expressed his gratitude towards the entire researcher who is presenting their research work in this National Conference.

Prof. (Dr.) Dinesh Khanduja, the keynote speaker of the session, addressed the students on the topic "Are We Innovative and Enterprising?" He motivated students to become an entrepreneur by illustrating examples of successful startups like eBay, Fabindia etc. He also told students about the essential attributes of an entrepreneur.

After the inaugural session, the technical session started in the second half of the day. The **first day's technical session** was chaired by **Dr. Inderdeep Singh, Associate Professor, Dept. of Mech. & Ind. Engg. Indian Institute of Technology, Roorkee**. He discussed the trends and challenges in the field of Green Composites. He mentioned that the technology is evolving at a rapid pace and in order to sustain India need to match the speed at the global level.



Various researchers from different parts of India like Rajasthan, Gujarat, Haryana, Chandigarh, Himachal Pradesh, Punjab etc. presented their research work related to the trends and Innovation in Mechanical Engineering. On the **second day, the first technical session** was preceded by session chairman **Dr A.K. Sharma** on the topic "**Protecting Innovation: Realigning our thoughts on IPR**". During his presentation, he focused on Intellectual Property Rights at the National & International level. He discussed the National IPR policy and its various objectives. He explained the various domains under IPR like copyright, patents, trademarks, industrial designs and geographical indications.

After **Dr A.K. In Sharma's session**, various eminent research scholars presented their research work. Some of the topics are, Hand anthropometric overview of industrial worker of the northern part of India by **Raghuraj Panwar, NIT Kurukshetra**, Study on water production from atmospheric air using various desiccant materials through different concentrators by **Shobhit Srivastava, NIT Kurukshetra** and Fulfill Student Energy Need In Matraiye Hostel of K.N.I.T Sultanpur by **Vipin Singh, Quantum University**.

The **second technical session** was preceded by session chairman **Dr Satyendra Singh** and discussed the topic "Enhancement of heat transfer characteristics in a tubular heat exchanger using different inserts". He discussed the research methodology and the prospect of development in this sector. Papers were presented on topics like **Damped Vibrations of an Isotropic Circular Plate of Parabolically Varying Thickness Resting on Elastic Foundation** by **Dr Renu Chauhdry; Quantum University**, **Effect of Ethanol on the Two Stroke Petrol Engine** by **Ravi Goel, Quantum University** and **Study of throwing power and hardness of Electrodeposited Zinc-Nickel-Alumina Nanocoating on Mild Steel -AISI 1144** by **M.Kannan, Quantum University**.

In the **valedictory function**, organizing Secretary **Mr. M. Kannan** expressed his vote of thanks towards all the authors who presented their research work, management, faculty and students for their kind support. He said the main objective of this conference is to raise awareness and impart knowledge about the trends and innovation in the mechanical engineering field which can contribute towards the overall development of the society. He also mentioned that Quantum University always looks forward to such events which are an essential requirement for the development of the research activities in India.



6/17/23, 3:32 PM

Quantum University Mail - Call for Papers-National Conference on Trends & Innovations in Mechanical Engineering(TIME 2018) ...



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Call for Papers-National Conference on Trends & Innovations in Mechanical Engineering(TIME 2018) Oct 5 & 6,2018

1 message

kannan m <mkannan.me@quantumeducation.in>

Mon, Jul 30, 2018 at 10:21 AM

To: qstfm@quantumeducation.in, qsbfm@quantumeducation.in

REMINDER

Dear Sir/Madam,

Greetings of the day!!!!

Department of Mechanical & Mechatronics Engineering is pleased to announce that it is organizing a **National Conference on Trends & Innovations in Mechanical Engineering (TIME 2018)** on **October 5 & 6 2018**.

Research papers are invited on the relevant themes of conference.

Conference Themes Include:

Advanced Manufacturing Technologies ,Advanced Engineering Materials
Advanced Welding Technologies,Composite Materials
Nano Technology,Micro Machining, Micro Manufacturing
Rapid Prototyping, Reverse Engineering
Mechanisms and Design of Machine Elements
Finite Element Analysis / Methods, Modeling and Simulation
Tribology & Wear, Cryogenic Engineering
Renewable Energy & Systems
Industrial Automation,Robotics CAD/CAE
Hybrid Vehicles Vehicle Dynamics
Vibration and Noise Analysis, Condition Monitoring
Lean Manufacturing,Supply Chain Management,
Concurrent Engineering Inventory Management
Factories of Future, Optimization Techniques
Quality Management and Assurance,
Design of Experiments,
Thermal Engineering,Computational Fluid Dynamics
Farm Machinery and Equipment's

Details attached.

Please Note:

Last date of Abstract Submission: **Aug 16, 2018**

Peer reviewed papers will be published in Scopus Indexed International journal.Publication charges will be extra.



Brochure of the Event

TIME – 2018


Quantum UNIVERSITY
ROORKEE, INDIA

Accommodation:

We can offer free accommodation to participants, on a room sharing basis in the hostels on campus on first-come-first-served basis. Participants, who wish to stay in a hotel, will have to make their own arrangements. However, the organizers shall be happy to assist in booking accommodations in nearby hotels upon request received well in advance.



Roorkee	22 Km
Saharanpur	25 Km
Haridwar	45 Km
Dehradun	50 Km
Mussoorie	70 Km
Rishkesh	75 Km

Transportation
Transport can be provided to and fro Roorkee and Saharanpur Railway Stations for participants, provided request is received minimum 2 days in advance with arrival / departure details.

Places of interest near Quantum
You may plan post conference tours to Haridwar (45km), Rishkesh (75km), Dehradun (50km), Mussoorie (70km). We shall be happy to assist as desired.

For conference related queries,
Pls contact 09756315554, 09720009291

National Conference on
Trends and Innovations in
Mechanical Engineering (TIME) – 2018
(October 5th-6th, 2018)



Organizing Secretary:
Mr. M. Kannan – +91-9756315554

Convened by:
Department of Mechanical and
Mechatronics Engg.
School of Technology, Quantum
University, Roorkee
Uttarakhand, India – 247167

Venue:
Mandawar (22 Km. Milestone)
Roorkee – Dehradun Highway (NH – 73)
Roorkee – 247167, Uttarakhand

Corporate Office:
14, Gandhi Road (4th Floor),
Dehradun, Uttarakhand

Website: www.quantumuniversity.edu.in



Quantum University

Quantum University, located at Roorkee in the picturesque state of Uttarakhand, is a great seat of learning that provides an intellectually stimulating environment and an enviable academic infrastructure. The University encourages interdisciplinary and holistic education to ensure a very high caliber of professional and personal competency.

About School of Technology

School of Technology, Quantum University is a world class center of excellence that provides an intellectually stimulating environment to hone one's engineering skills besides growing culturally and spiritually. It nurtures high quality technical manpower to meet the challenges of the knowledge era. Quantum has ensured an accomplished infrastructure by way of faculty, laboratories and libraries. Great emphasis is laid on domain-related conferences, seminars, work shops, projects and research as an integral part of the Quantum pedagogy.

Conference Themes:

Advanced Manufacturing Technologies
Advanced Engineering Materials
Advanced Welding Technologies
Composite Materials
Nano Technology
Micro Machining
Micro Manufacturing
Rapid Prototyping
Reverse Engineering
Mechanisms and Design of Machine Elements
Finite Element Analysis / Methods
Modeling and Simulation
Tribology & Wear
Cryogenic Engineering
Renewable Energy & Systems
Industrial Automation

Robotics
CAD/CAE
Hybrid Vehicles
Vehicle Dynamics
Vibration and Noise Analysis
Condition Monitoring
Lean Manufacturing
Supply Chain Management
Concurrent Engineering
Inventory Management
Factories of Future
Optimization Techniques
Quality Management and Assurance
Design of Experiments
Thermal Engineering
Computational Fluid Dynamics
Farm Machinery and Equipments

Call for Papers:

Research paper on relevant themes of the conference are invited from academicians, research scholars and industry professionals. The papers may be on any of the themes listed earlier or on related areas. Selected papers presented in the conference will be published in a Scopus indexed International journal at an additional cost as per publication charges of the journal.

Guidelines for Paper Submission:

The prospective authors must submit full length papers conforming to ASME specification for conference proceedings. The contents of the papers should be original, innovative, having high technical merit and good applicability within the scope of conference. The formal length of a paper should not exceed 6 pages. The paper should contain all the requisite information including the title, names of authors and their affiliations etc. The Corresponding author should be clearly indicated along with necessary contact information such as telephone no, email-id and full address. Abstract / full papers can be submitted through email to: time2018@quantumuniversity.edu.in

Important Dates

- Last date of Abstract Submission: Aug 16, 2018
- Acceptance Notification for abstract: Aug 20, 2018
- Last date of full length paper submission: Aug 30, 2018
- Acceptance Notification for full length paper: Sep. 5, 2018
- Last date for registration: Sep 15, 2018

Registration Fee:

Corporate executives: INR 3000/-
Academicians: INR 1500/-
Research scholars: INR 800/-
Students: INR 500/-
Registration fee covers the cost of conference kit, working lunch and refreshments.
Cost of Publication shall be additional as per journal publication charges.

Mode Of Payment:

Registration fees can be paid through A/C Payee (multi city) cheque / Demand Draft, in favour of Quantum University, payable at Dehradun. Kindly send the same to: Quantum University Office, 14 Gandhi Road, (4th Floor), Near Kvality Hardware, Dehradun-248001 (Uttarakhand)

Online: Registration fee can also be paid online through direct bank transfer in Bank of Baroda, Rajpur Road, Dehradun, Account No. "00880200000776", RTGS / NEFT IFSC CODE: BARB0DEHRAD, Branch: Dehradun in favour of Quantum University. In this case please e-mail the scanned copy of bank transaction receipt to the following: time2018@quantumuniversity.edu.in

Patrons

Mr. S. S. Goyal, Founder President
Mr. S. L. Garg, Co founder President
Mr. Ajay Goyal, Chancellor
Mr. Praveen Garg, Pro Chancellor
Mr. Shobhit Goyal, Secretary

Mentor

Prof. (Dr.) Vivek Kumar, Vice Chancellor

Conference Chairman

Dr. Gulshan Chauhan

Organizing Secretary

Mr. M. Kannan

Organizing Committee

Raunak Gupta
Mukesh Kumar
Vipin Kr. Singh
Surinder Kumar
Saurabh Khotiyar
Ankur Jain
S.S. Gautam
Vivek Kr. Sharma
Mohd. Vaseem
Ankit Sharma
Ravi Goel
Rajneesh Raghav Tamta
Naveen Rana
Neetu Saini
Vishwarya Dutt

National Advisory Committee

Dr. K.K.S. Mer, Institute of Technology, Gopeshwar
Dr. Satyendra Singh, BTKJIT, Dwarahat
Dr. P.L. Verma, S.A.T.I. Vidisha
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Dr. Ravi Kumar, IIT Roorkee
Dr. Dinesh Khanduja, NIT Kurukshetra
Dr. T.P. Singh, TIET Deemed University, Patiala
Dr. V.P. Singh, PEC University Chandigarh
Dr. P. Mathiazhagan, PEC, Pondicherry

Delegates of the Event



The Future is
exciting

Welcome

Mr. Vishu Singhal

Vice President, A.G. Industries Pvt. Ltd.
(Hero Group of Companies)

Chief Guest at

TIME-2018

National Conference on "Trends
and Innovations in Mechanical
Engineering" (October 5th-6th, 2018)



The Future is
exciting

Welcome

Dr. Dinesh Khanduja

Professor, Department of Mechanical
Engineering, NIT, Kurukshetra

Session Chair at

TIME-2018

National Conference on "Trends
and Innovations in Mechanical
Engineering" (October 5th-6th, 2018)



Welcome

Dr. T. P. Singh

Professor & Head, Department of
Mechanical Engineering,
Thapar University, Patiala

Keynote Speaker at

TIME-2018

National Conference on "Trends
and Innovations in Mechanical
Engineering" (October 5th-6th, 2018)

The Future is
exciting



Welcome

Dr. Inderdeep Singh

Associate Professor, Department of
Mechanical & Industrial Engg, IIT Roorkee

Session Chair at

TIME-2018

National Conference on "Trends
and Innovations in Mechanical
Engineering" (October 5th-6th, 2018)

The Future is
exciting



Welcome

Dr. Apurbba Kumar Sharma

Associate Professor, Department of
Mechanical & Industrial Engg, IIT Roorkee

Session Chair at

TIME-2018

National Conference on "Trends
and Innovations in Mechanical
Engineering" (October 5th-6th, 2018)

The Future is
exciting



Welcome

Dr. Satyendra Singh

Associate Professor, Department of
Mechanical Engineering, B.T. Kumaon
Institute of Technology, Dwarahat

Session Chair at

TIME-2018

National Conference on "Trends
and Innovations in Mechanical
Engineering" (October 5th-6th, 2018)

The Future is
exciting

Photos of the Event





Dr. Dinesh Kandhuja, delivering keynote speech "Are We Innovative and Enterprising"





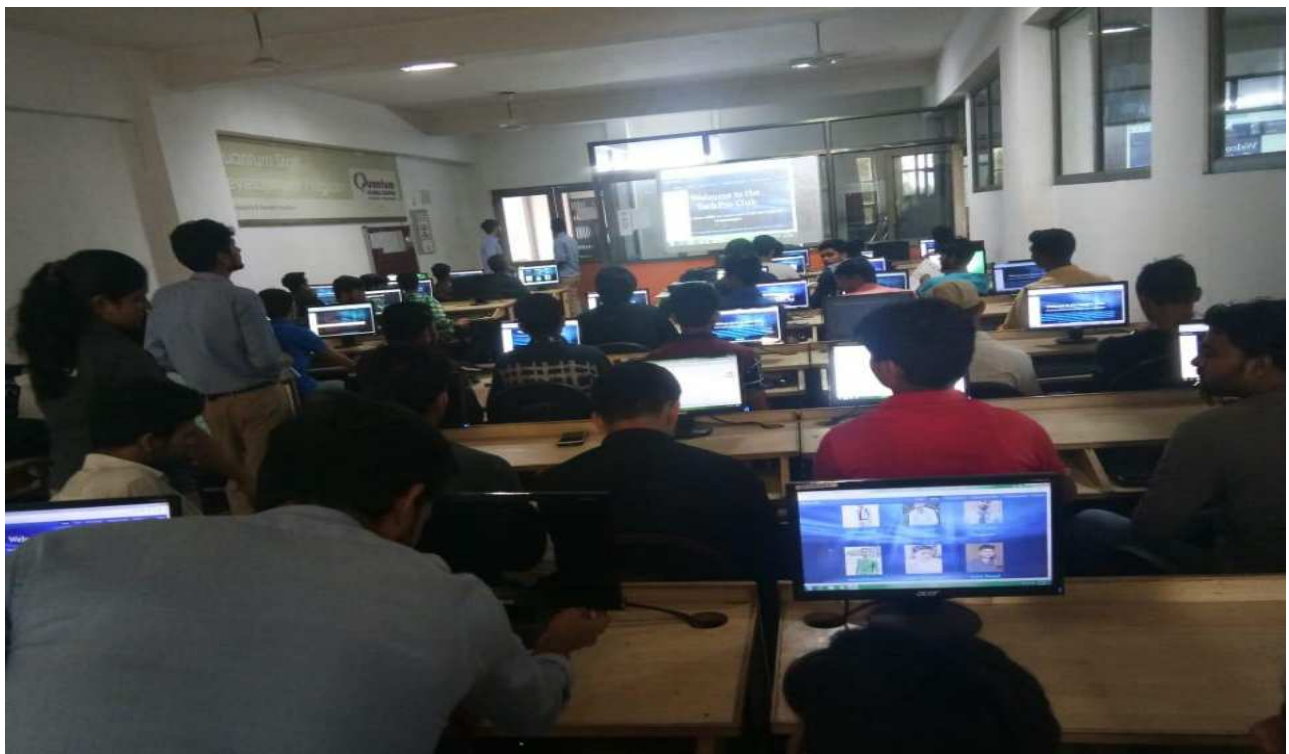
4. Workshop on “e- Commerce Website Development”

The Workshop on “e- Commerce Website Development” was held on **6th October 2018** at Quantum University organized by **Techno Pro Club** in association with **Institution Innovation Council** for the **CSE, MTE and B.Sc. Agri students** with the total strength of **45 attendees**. The program was led by mentor of the club **Mr. Azhar Ali & Team (B.Tech CSE 3rd Year)**.

The main motive of this session was to make the students aware about how to make a small e-Commerce Web Site which helps them to better understand the Web Designing/ Front End Concepts. **Mr. Azhar Ali** briefly described Web Development, its career scope, its importance, etc. This session was mainly focused on designing the Web Pages. Design Pages with the help of Client side language like HTML, CSS JavaScript etc were covered during the session. Further, it has also been taught how one can make web pages more attractive by using CSS and they can also use validation and some applications in their web page with the help of JavaScript.

Photos of the Event









5. Third “Entrepreneurship Awareness Camp”

Quantum University, Roorkee (QUIC) in association with **Entrepreneurship Development Institute of India, Ahmedabad** has organized the **3rd Entrepreneurship Awareness Camp (EAC)** for the **B.Tech (CSE) Final Year & B.Sc (Agri) Final year students** under the **DST-NIMAT program of Government of India** from **October 15 – October 17, 2018**.

Prof. (Dr.) Gulshan Chauhan, Director - Faculty of Technology and **Dr. Indu Gautam, Guest Speaker from Doon University** jointly inaugurated the event. The awareness camp started with the lamp lighting ceremony.

The **First speaker of the day** was **Mr. M. Kannan, Coordinator – Department of Mechanical Engg., Quantum University**. He discussed with the students about the different business cultures across the world. He discussed the major challenges faced by the startups during their initial phases and suggested solutions to overcome these challenges. He introduced the students with the general concepts of entrepreneurship, discussed the historical background and development in this field. He emphasized the need for identifying a problem and then finding a solution. He explained the various concepts by giving real-life examples

The camp proceeded with the **intellectual session** of **Dr. Indu Gautam, Associate Professor –Department of Management Studies, Doon University, Uttarakhand**. In her session, she focused on the need for Identification of business opportunities, product selection, Technological Assistance from R&D Labs and others. She discussed the challenges in innovation among the students and described the 15 signs of an entrepreneur based upon her research.

Second Day of the camp started with a session on skills required for communicating and convincing the idea of a startup with probable customers or venture capitalists or funding agencies. This session was conducted by **Mr. Vaibhav Gupta, PDP trainer, Quantum University**. He explained the importance of communication skills as in a short time business ideas have to be communicated to the listener and hence content and way of delivery with body expression matters.



Mr. V.K. Gupta, Manager - Retd. Branch manager & Financial Literacy counselor of Haridwar region discussed the various schemes in the banking sector for startups. He also explained the concepts of NABARD, SIDBI, RRB, Small Financial Banks, and Payment Banks. He emphasized the importance of funding in order to become a successful startup. While concluding his session, he motivated the students to take the initial steps for building a startup, so that the youth can contribute more towards the Indian economy. He emphasized the benefits of entrepreneurship by giving examples of Micro entrepreneurs to large enterprise entrepreneurs. He discussed what MSME is, How to start an SSI unit. He also discussed the various aspects to be taken care of in the project report for Government formalities and further rules and regulations.

Third Day of the camp was an intellectual session with motivational trainer and **Director-Sri Ram College of Management, Muzaffarnagar, Dr. Aditya Gautam**. He emphasized the need for Entrepreneurship. He said that “The one who is creative, innovative and has the risk-taking ability is an entrepreneur”. He said, to start a venture, an innovative idea is the first step. Self-confidence, risk-taking ability, perseverance, creativity, and personality are the most important parts of trait theory.

Session was followed by **Mr. Shahnawaz**, an entrepreneur and alumni of Faculty of Technology also shared his journey of being an entrepreneur. He shared his valuable ideas among the students and motivated them to form their ideas by proper planning. He also shared the difficulties faced and how he troubleshooted them. He encouraged the participants to utilize the opportunity given by the institute to make them aware about start-ups.

Feedback from the students was taken and. Students also visited the new startup dairy plant named Dream India in Roorkee. After attending the EAC, students seem excited to learn more about Entrepreneurship and its relevance for their career. More than 80 students and faculty members were present during the camp.

Mr. M. Kannan – Programme Coordinator of the Entrepreneurship Awareness Camp expressed his vote of thanks to all the experts for sharing their experience and motivating the youth towards entrepreneurship.



6/17/23, 1:56 PM

Quantum University Mail - Fwd: Entrepreneurship Camp



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Fwd: Entrepreneurship Camp

1 message

kannan m <mkannan.me@quantumeducation.in>

Sat, Oct 13, 2018 at 2:54 PM

To: Satender Kumar <satenderkumar.cse@quantumeducation.in>, "N. Murugalatha" <nmurugalatha.asc@quantumeducation.in>, Ravinder Giri <systemadmin@quantumeducation.in>

Cc: Gulshan Chauhan <director@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Dear All

Third Entrepreneurship Awareness Camp is scheduled from 15-17 October,2018 for B.Tech (CSE) Final Year & B.Sc(Agri) Final year students.

Please ensure that students are seated in B.tech Seminar hall by 10.10 AM for the Entrepreneurship Camp scheduled from 15.10.18 till 17.10.18.

Kindly send your teachers having classes in these duration as per time table for discipline duty.

Sys Admin:

Please ensure that audio and video with projector are available and depute a person for photo&videography.

Thanks & Regards

M.Kannan

Coordinator- Mechanical & Mechatronics Engineering

Quantum University,Roorkee,UK,India

#9758315554

----- Forwarded message -----

From: kannan m <mkannan.me@quantumeducation.in>

Date: Mon, Oct 1, 2018 at 1:15 PM

Subject: Entrepreneurship Camp

To: Quantum Placements <placements@quantumeducation.in>

Cc: Satender Kumar <satenderkumar.cse@quantumeducation.in>, N. Murugalatha <nmurugalatha.asc@quantumeducation.in>

Dear Mr Jay Sharma

Entrepreneurship camp for B.Tech(CSE) final year & B.Sc(Agri) final year students is scheduled from 15-17 October,2018. Please do not keep any placement drive on these dates for them.

Thanks & Regards

M.Kannan

Coordinator- Mechanical & Mechatronics Engineering

Quantum University,Roorkee,UK,India

#9758315554



ENTREPRENEURSHIP AWARENESS CAMP (15-17, October 2018)

PROGRAMME DETAILS

DAY 1

Date	Event	Time	Speakers	Topic
15.10.18	Registration	9.50 am	Students being seated	
	Inaugural Function	10.00 am -10.10 am	Welcome of participants, Lamp lighting	
	Session 1	10.10am -10.20 am	Dr Gulshan Chauhan	Camp Objective
		10.20-11.00	Mr Pushpender Singh/ Mr M.Kannan	Why Entrepreneurship (general concepts, Historical Background, Indian scenario)
		11.00-1.30	Dr Indu Gautam Doon University	Identification of business opportunities, product selection, Technological Assistance from R&D Labs and others

DAY 2

16.10.18		10.00-10.10 am	Anchoring Team	Welcome of guests & participants
	Session 1	10.10am -12.10 pm	Mr Vaibhav Gupta	Communication Skills for better business
	Session-2	12.10-1.30 pm	MSME Representative Mr SuryaKant,DIC Roorkee Mr V.K.Gupta Retd. PNB Manager	How to start an SSI Unit (Govt. formalities ,rules etc), Techno commercial Aspects, Various Government schemes

DAY 3

17.10.18		10.00-10.10 am	Anchoring Team	Welcome of guests & participants
	Session 1	10.10am -12.10 pm	Dr Aditya Gautam Director, SRC Muzaffarnagar	Creativity in Entrepreneurship
	12.10- 1.30 pm Lunch Break			
	Session-2	1.30-3.30 pm	Feedback and Industry Visit	

Photos of the Event

Day 1



Inaugural Function



Session 1 - Dr Gulshan Chauhan



Mr. M. Kannan, Sr.Assistant Professor -Quantum University



Dr. Indu Gautam Associate Professor, Doon University, Dehradun

Day 2



Session 1 - Mr. Vaibhav Gupta, Asst. Professor cum PDP Trainer - Quantum University



Session 2 - Mr. V.K. Gupta, Branch Manager (Retd.), Punjab National Bank & Financial Literacy Counsellor- Haridwar

Day 3



Session 1 - Mr Shahnavaaz Khan, Founder-Webdrills Technologies Ltd. Haridwar



Session 2 - Dr Aditya Gautam, Director- Shri Ram College of Management, Muzaffarnagar



Industry visit to Dream India Limited, Roorkee



6. Workshop on “Hotel Communication Skills”

The Workshop on “Hotel Communication Skills” was held on **25^h January 2019** at Quantum University organized by **Department of Hospitality and Tourism** in association with **Institution Innovation Council** for **BHM students** with a total strength of **14 attendees**. The program was led by **M.s. Saloni Kaushik** from **Assistant Manager-Concierge, The Oberoi Gurugram**.

M.s. Saloni Kaushik began with a descriptive presentation on communication. Emphasizing the role of communication in maintaining the reputation and popularity of the organization, she gave many tips to the eager students. She shared formats of literature, photos and various activities and communication development games like Chinese whisper, Reading Body Language, balloon games on communication gap, recognizing sentences, effective listening etc. that constitute an ideal Communication kit.

She also shared hotel reviews of the brands she has handled, highlighting the effort that goes into creating public visibility. Finally she also apprised the students of the fact that Hospitality is a highly demanding career with tough deadlines, requiring a lot of back end work and enough sweat and toil away from the glitz and glamour of the final event.



6/17/23, 11:18 AM

Quantum University Mail - Fwd: Workshop Report on Hotel Communication Skills.



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Fwd: Workshop Report on Hotel Communication Skills.
1 message

Quantum School of Hospitality and Tourism <director.hm@quantumuniversity.edu.in>
To: Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Wed, Sep 11, 2019 at 2:06 PM

----- Forwarded message -----

From: Quantum School of Hospitality and Tourism <director.hm@quantumuniversity.edu.in>
Date: Sat, Aug 31, 2019 at 2:24 PM
Subject: Workshop Report on Hotel Communication Skills.
To: Press club <pressclub@quantumuniversity.edu.in>, Rohan Tyagi <rohan.tyagi@quantumeducation.in>

Dear Rohan,
PFA of workshop report on Hotel Communication skills conducted by School of Hospitality and Tourism.
Thanks and Regards
DC Vashishth

 Quantum Press Club Workshop on Communication skill 31-8-2019.doc
514K

<https://mail.google.com/mail/u/1/?ik=534a00511c&view=pt&search=all&permthid=thread-f:1644367478511695216&siml=msg-f:1644367478511695216> 1/1

Photos of the Event



Welcome Address and Felicitation of the Guests



Facilitator delivering the presentation to the attendees



Photo Session

7. Demonstrative Workshop on “Industrial Automation”

The **Demonstrative Workshop on “Industrial Automation”** was held on **2nd February 2019** at Quantum University organized by **Department of Mechanical Engineering** in association with **Institution Innovation Council** for the **B.Tech students** with the total strength of 75 attendees at **B.Tech Seminar Hall**. The program was led by **Mr. Deepak Sharma** and **Mr. Anil** from **Prolific Systems & Technologies Pvt. Ltd. at Greater Noida**.

Mr. Deepak Sharma began with providing basic understanding and fundamental knowledge about industrial automation, Hydraulic and Pneumatic system, PLC & SCADA application in industry and the basic procedure on how we can implement automation in industry. **Mr. Anil's emphasis** was on developing practical skills related to industrial automation from the perspectives of industrial engineering. It was a highly interactive session and students were informed of intricate issues to be taken care of during the process from idea to automation procedure and till the implementation.

Photos of the Event





8. Workshop on “Fabrication of Water Rocket”

The Workshop on “Fabrication of Water Rocket” was held on **9th February 2019** at Quantum University organized by **Department of Mechanical & Impulse Club** in association with **Institution Innovation Council** for the **B.Tech students** with a total strength of **25 attendees**. The program was led by **Mr. M. Kannan (Assistant Professor, QU)**. The workshop was held with the objective of providing participants with **hands-on experience in building and launching water rockets**. The workshop aimed to foster creativity, problem-solving skills, and a deeper understanding of the principles of physics involved in rocketry.

Mr. M. Kannan began with an overview of water rockets, their history, and their applications. Participants learned about the basic components of a water rocket and the principles of thrust, aerodynamics, and stability.

Participants were introduced to different design considerations, including the selection of materials, rocket body shape, and fin design. They were then provided with the necessary materials and tools to construct their own water rockets. Under the guidance of experienced instructors, participants engaged in the construction process, applying their knowledge and creativity to build their rockets. The instructors provided assistance, tips, and suggestions to ensure the rockets were well-constructed and safe. Safety guidelines were emphasized throughout the workshop to ensure participants' well-being. Topics such as launch site selection, pre-launch safety checks, and proper handling of water rockets were covered in detail.

The highlight of the workshop was the launch session. Participants eagerly gathered in an open area to witness their rockets soar into the sky. Multiple launches took place, allowing participants to observe and analyze the effects of different design modifications on rocket performance.

The workshop on "Fabrication of Water Rocket" proved to be an engaging and educational experience for all participants. It provided an opportunity for hands-on learning, fostering creativity, collaboration, and a deeper understanding of physics concepts. The practical knowledge gained during the workshop will undoubtedly inspire further exploration and experimentation in the field of rocketry.

Photos of the Event



Facilitator providing overview of water rockets, their history, and their applications to the attendees



Hands-on experience in building and launching water rockets

9. Workshop on “Italian Cuisine”

The Workshop on “Italian Cuisine” was held on 15th February 2019 at Quantum University organized by Department of Hospitality and Tourism in association with Institution Innovation Council for Minors Culinary Art students with a total strength of 19 attendees. The program was led by Mr. Deepak Raturi from Italian Chef Compass Catering Services, W.L.L. Qatar.

Minor students learn about the basics of Italian cuisine. Italian cuisine is a very demanding cuisine in the field of Hospitality. Minor students of culinary art learn the skills of preparing the art of Italian cuisine. Students learn about eye appeal factors in the cuisine. The Minor students of culinary art learn how to present the dish, what are the necessary ingredients and at what temperature to serve during the workshop. The guest instructor Mr. Deepak Raturi was from one of the largest catering companies of the world providing service to different clients working for offshore jobs like Cargo, Cruises and Figs. Some of the Italian dishes which students learned during the workshop were Vegetable Florentine soup, Cheese sweet corn ball, crispy veg Alfredo pasta with chicken and coffee pannecotta.

Photos of the Event





10. Workshop on “Digital Marketing”

The Workshop on “Digital Marketing” was held on **16th February 2019** at Quantum University organized by **Faculty of Technology & Tech Pro Club** in association with **Institution Innovation Council** for **CSE 1st and 2nd Year students** with a total strength of **27 attendees**. The program was led by **Mr. Shahnawaz Khan** from **Webdrill Technologies**.

Mr. Shahnawaz began by explaining the basics & importance of “Digital Marketing” in India and all over the World. The students were introduced to free domain sites to create their own Websites. He Explained How digital marketing plays an important role in industries and other areas. He explained how other social sites make money through various Advertisements, how it is affecting people in different countries.

He talked about various free domain sites where we can easily make our own website and can work on it. It is basically our own created website no other can make a website through our registered names. He also explained through digital marketing we can advertise business and other organizations.

The session was totally hands on. Several experiments were demonstrated to the students. The demonstrations shown during the session were from basic to intermediate level. Different types of websites we created and demonstrated. This Session has given the new viewpoint to make a website.



6/17/23, 10:50 AM

quantum University Mail - Report of workshop on Digital Marketing



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Report of Workshop on Digital Marketing

1 message

Satender Kumar <satenderkumar.cse@quantumeducation.in>

Sat, Feb 23, 2019 at 10:02 AM

To: Press club <pressclub@quantumuniversity.edu.in>, Rohan Tyagi <rohan.tyagi@quantumeducation.in>

Cc: Vice Chancellor <vicechancellor@quantumuniversity.edu.in>, Gulshan Chauhan <director@quantumeducation.in>

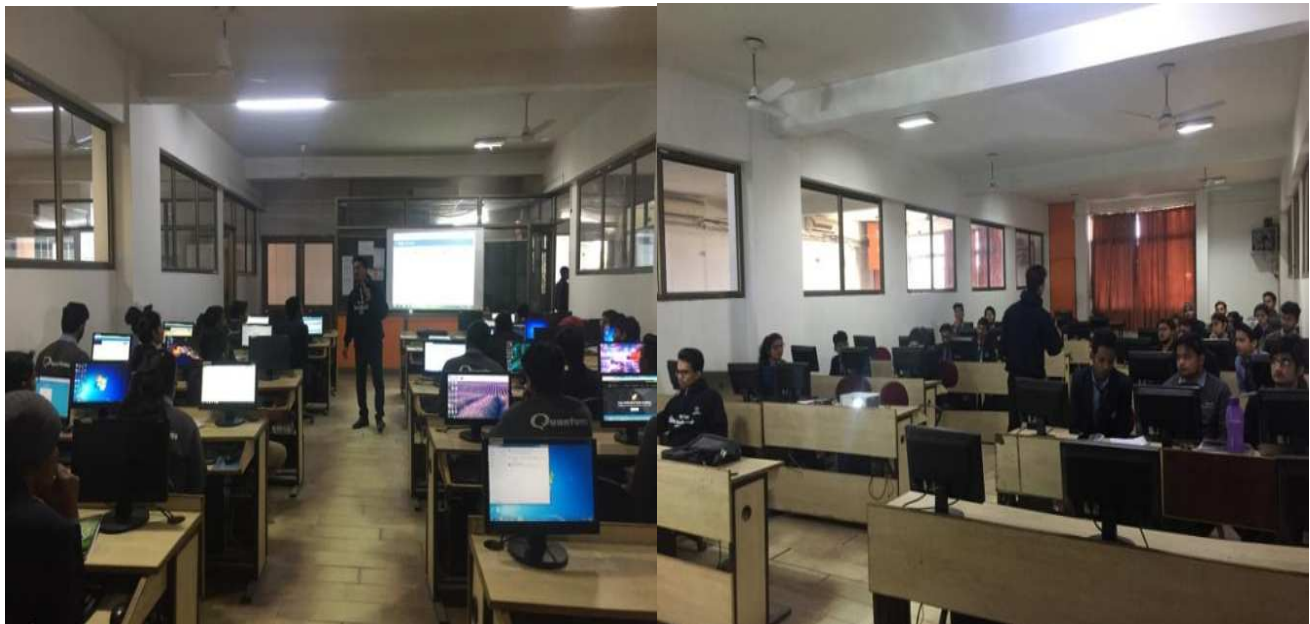
PFA

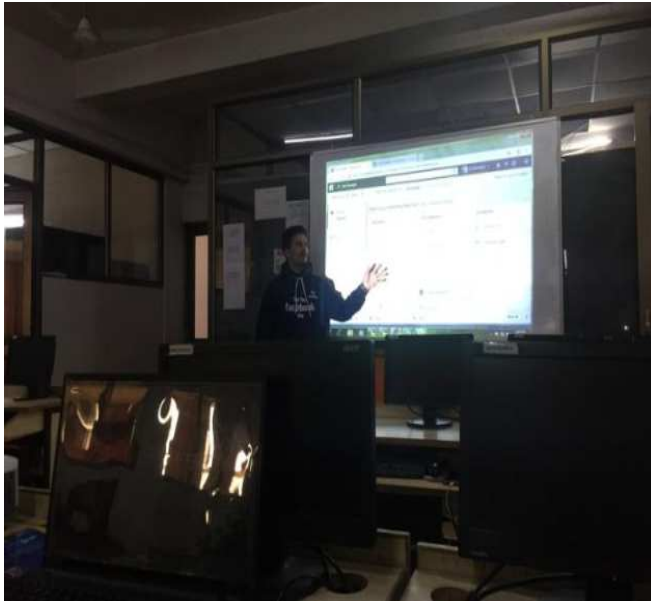
Regards,
Satender Kumar
Coordinator CSE Department
Quantum University
Roorkee(UK)

Digital Marketing Workshop Report.doc
12854K

<https://mail.google.com/mail/u/1/?ik=534300511c&view=pt&search=all&permmsgid=thread-f:1626232300131452603&siml=msg-f:1626232300131452603> 1/1

Photos of the Event







11. Fourth “Entrepreneurship Awareness Camp”

Quantum University, Roorkee (QUIC) in association with **Entrepreneurship Development Institute of India, Ahmedabad** has organized the **4th Entrepreneurship Awareness Camp (EAC)** for the **B.Tech (M E & M TE) Final Year & B.Sc (Agri) Final year students** under the **DST-NIMAT program of Government of India** from **21st Feb – 23rd Feb, 2019**.

Entrepreneurship Awareness Camp (EAC) was initiated by the motivational session of **Dr. Gulshan Chauhan, Dean-Faculty of Technology, QU**. He said, every failure in life is a step towards success. He explained the demand of the market as an integration of the technologies.

Mr. Prabhu Pandey discussed the historical background of entrepreneurship. He said this is not a new domain but defined it as essential and evolving in the current scenario. He said India needs budding entrepreneurs in order to meet the job demand created due to increasing population.

Dr. Lehri Singh Chauhan shared his views on the importance of identifying the business opportunities and then shaping them into an enterprise. **Dr. Naveen Rawat** discussed the research and development in the product design and sources for technical assistance available in the northern region for the startups.

Mr. V.K. Gupta, Branch Manager (Retd.), Punjab National Bank and presently active as financial literacy credit counselor discussed the various schemes in the banking sector for startups like MUDRA Scheme. **Mr Rahul Sharma Syndicate Bank** stated the requirements of a good project report and steps to follow for making effective reports to avail the govt benefits under various startup schemes.

Mr. Divyam Chauhan shared his experience as an Entrepreneur and focussed on the need to identify a problem and then finding a sustainable solution for it. He said, today we need to consider various factors like Intellectual Property rights, environmental clearances, waste management etc. while setting up a plant or industry.



Mr. M. Kannan – Programme Coordinator of the Entrepreneurship Awareness Camp expressed his vote of thanks to all the experts for sharing their experience and motivating the youth towards entrepreneurship.



6/17/23, 2:32 PM

Quantum University Mail - Entrepreneurship Camp- 4 & 5



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Entrepreneurship Camp- 4 & 5

1 message

kannan m <mkannan.me@quantumeducation.in>

Mon, Feb 11, 2019 at 10:57 AM

To: coordinators@quantumeducation.in

Cc: Gulshan Chauhan <director@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Dear all

This is to inform you that Entrepreneurship Awareness camps are scheduled as below for various branch students

CAMP IV- Feb 21- 23, 2019

B.Sc Agri III Year

B.Tech ME III Year

B.Tech PE III Year

B.Tech MTE III Year

CAMP V Feb 25-27, 2019

B.Tech- CSE III Year

B.Tech CE III Year

Kindly dont keep any special activity on these days for these students.

Camp will be

Thanks & Regards

M.Kannan

Coordinator- Mechanical & Mechatronics Engineering

Quantum University,Roorkee,UK,India

#9758315554

Photos of the Event

Day 1



Session 1 – Dr. Gulshan Chauhan, Director – Faculty of Technology



Session 2 – Mr. Prabhu Pandey –Pratibimb



Session 3 - Dr. Lehri Singh Chauhan (Quantum University)



Day 2



Session 1 - Mr. Vaibhav Gupta (Quantum University)



Session 2 - Dr Naveen Rawat (Quantum University)



Session 3 - Mr V.K.Gupta (Retd PNB)



Day 3



Session 1 - Mr. Rahul Sharma(Syndicate Bank)



Session 2 - Mr. Divyam Chauhan



Session Group Photo



12. Fifth “Entrepreneurship Awareness Camp”

Quantum University, Roorkee (QUIC) in association with **Entrepreneurship Development Institute of India, Ahmedabad** has organized the **5th Entrepreneurship Awareness Camp (EAC)** for the **B.Tech Civil & CSE (3rdYear) students** under the **DST-NIMAT program of Government of India** from **25th Feb – 27th Feb, 2019**.

The Entrepreneurship Awareness camp was inaugurated by the lamp light ceremony. Then, **Dr. Gulshan Chauhan - Dean, Faculty of Technology, Quantum University** briefed about the objective of the camp.

Mr. Vikas Rajput, Director of Parallel Living Research and Consulting discussed the market analysis for the startups especially in the context of India among the students. He communicated his ideas through team building activities.

Second day of the camp was initiated by **Mr. Vaibhav Gupta**, he enlightened students about the importance of pitching ideas to investors in an effective manner. He provided tips for effective communication.

Mr. Shahnawaz Khan, an Entrepreneur motivated students for being a job creator rather than a job seeker. He shared his story of success as he is running a startup in Haridwar region based on digital marketing.

For the final session of the camp, **Mr. V.K Gupta - Manager (Retd.) PNB** provided information about the schemes of the government for the startups.

Mr. M. Kannan – Programme Coordinator of the Entrepreneurship Awareness Camp expressed his vote of thanks to all the experts for sharing their experience and motivating the youth towards entrepreneurship.



6/17/23, 2:32 PM

Quantum University Mail - Entrepreneurship Camp- 4 & 5



Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Entrepreneurship Camp- 4 & 5

1 message

kannan m <mkannan.me@quantumeducation.in>

Mon, Feb 11, 2019 at 10:57 AM

To: coordinators@quantumeducation.in

Cc: Gulshan Chauhan <director@quantumeducation.in>, Vice Chancellor <vicechancellor@quantumuniversity.edu.in>

Dear all

This is to inform you that Entrepreneurship Awareness camps are scheduled as below for various branch students

CAMP IV- Feb 21- 23, 2019

B.Sc Agri III Year

B.Tech ME III Year

B.Tech PE III Year

B.Tech MTE III Year

CAMP V Feb 25-27, 2019

B.Tech- CSE III Year

B.Tech CE III Year

Kindly dont keep any special activity on these days for these students.

Camp will be

Thanks & Regards

M.Kannan

Coordinator- Mechanical & Mechatronics Engineering

Quantum University,Roorkee,UK,India

#9756315554

Photos of the Event



Inaugural Function (Lamp Lightning)



Mr. Vikas Rajput, Director, PLRC
Session on Why Entrepreneurship (general concepts, Historical Background, Indian scenario)



Session on Identification of business opportunities



NABARD/ Bank Representative
Session on How to start SSI Unit, Techno commercial Aspects, Various Government schemes



Industrial Visit- Bajaj Sons limited

8. Workshop on “Design and Fabrication of Gear”

The Workshop on “Design and Fabrication of Gear” was held on **30th March 2019** at Quantum University organized by **Faculty of Technology** in association with **Institution Innovation Council for Mechanical Engineering students** with a total strength of **21 attendees**. The program was organized by Mr. M. Kannan and was led by **Mr. Ashu Kumar and Mr. Harikrishna Nagwan**.

Mr. Ashu Kumar began with discussion on the brief introduction of the different Gears Fabrication process and Lab technician Mr. Mange Ram operates the milling machine. Basically he discuss about the fabrication of Spur Gear with the help of vertical milling machine. **Mr. Harikrishna Nagwan** highlighted that the vertical milling machine is a precision tool used for shaping and fabrication by the removal of stock typically form metallic work pieces.

Photos of the Event





14. Workshop on “Engine Assembly-Disassembly”

The Workshop on “**Engine Assembly-Disassembly** ” was held on **31st August 2029** at Quantum University organized by **Faculty of Technology** in association with **Institution Innovation Council** for the **B.Tech students** with a total strength of **50 attendees**. The program was led by **Mr. Vivek Kumar Sharma (Assistant Professor ME department)**.

A Tata Indica four stroke engine was disassembled, and all the parts of engine like engine head, piston, valves, connecting rod, camshafts, intake manifold, exhaust manifold, oil sump etc. were shown to the students along with their function in working of the engine. After giving knowledge on different parts, the sequence of operations for assembly was demonstrated and the engine was assembled. The workshops were very helpful for the students as they got a platform to learn about practical applications of Engineering and contribute their part in the evolving world of technology as well as discover new avenues for their careers.

Photos of the Event





Disassembled of a Tata Indica four stroke engine



Facilitator providing knowledge on different parts, the sequence of operations for assembly



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

SNo.	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.