



Annual Report

AY 2018-19



Registrar
Quantum University



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The University

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1. University Brief

Quantum University is a state university established by the Uttarakhand State Legislature through the **Quantum University Act, 2016 (Uttarakhand Act No. 04 of 2017)**. Quantum University is transformation of Quantum Global Campus, which has ten years old legacy. The lush green campus of Quantum University is situated at Roorkee-Dehradun Highway (22 Km away from IIT Roorkee). The location is well connected from Dehradun, Saharanpur, Haridwar and Roorkee. The nearest Railway stations are Saharanpur and Roorkee (roughly equal distance) and nearest Airport is Jolly Grant, Dehradun (60KM).

Quantum University has a well-structured campus with residence facilities for students (more than 1000 Boys and 300 Girls) and for faculty. Quantum University has well developed sports and cultural facilities on campus and well equipped with all the modern amenities.

Quantum University, India, was established, keeping the growing importance of Interdisciplinary education in mind. Quantum firmly believes that the overall development of students takes place in a multi-disciplinary environment where he is given the opportunity to hone his skills and at the same time able to follow his or her Passion. Quantum University aims to become the top private university in India.

Quantum University currently offers higher education under five faculties namely:

1. **Faculty of Technology,**
2. **Faculty of Business & Management,**
3. **Faculty of Graduate Studies,**
4. **Faculty of Agriculture,**
5. **Faculty of Health Sciences,**

The Doctorate, Post Graduate and Under Graduate programs run under these faculties.

2. Management Board of Trustee

Table 1: Members Details of Management Board of Trustees

Trust Name: LMD EDUCATIONAL & RESEARCH FOUNDATION			
S. No.	Name of Trustees	Occupation	Designation in Society/ Trust
1)	Shri Shyam Sunder Goyal	Industrialist	Founder President
2)	Shri Shyam Lal Garg	Industrialist	Founder President
3)	Shri Praveen Garg	Industrialist	President



4)	Shri Ajay Goyal	Industrialist	Chairman
5)	Shri Naresh Garg	Industrialist	Vice Chairman
6)	Shri Shobhit Goyal	Industrialist	Secretary/ Treasurer
7)	Smt. Udita Goyal	Industrialist	Trustee
8)	Shri Sunil Goyal	Industrialist	Trustee
9)	Shri Kewal Garg	Industrialist	Trustee
10)	Shri Shashi Garg	Industrialist	Trustee

3. Vision

“To be a seat of learning where a student gains academic and professional excellence, stays connected with the inner self, imbibes respect for human values, and becomes a world citizen.”

4. Focus Areas

University focuses on interdisciplinary pedagogy, new age curricula, outcome based learning in field of **Engineering, Computers, Management, Health Sciences, Agriculture, Journalism, Humanities, Commerce, Hospitality and Tourism.**

To make her graduates industry ready and good human being, the University focuses dynamic contents based teaching learning processes and emphasizes on Internationally certified trainings, value added programs for personality development, certifications in minor programs as dual specialization and industry collaborated ‘Honors Programs’. The university also focuses on interpersonal and extracurricular skills through uniquely featured ‘**Passion Program (PROPs)**’

5. Salient Features

5.1 Interdisciplinary Pedagogy

Today's needs are inherently interdisciplinary and require intense multitasking as the graduates will not be entering a career that lasts a lifetime but a lifetime of multiple careers. Quantum understands that life demands different skills for different roles. Quantum is a University that understands your needs, promotes inter-disciplinary study and prepares you for life.

We are at the threshold of the IVth Industrial Revolution (4IR) which is characterized by emerging technological breakthroughs in fields such as Artificial Intelligence, Internet of Things, Business Intelligence and Automation amongst others. This would require intense multitasking in the emerging technology driven information society. Quantum University realized these trends early. As a responsible knowledge partner, it promotes inter-disciplinary education and prepares the students for the change. Besides major professional streams of education under various faculties,



the university also offers other technologies and skills, which help a student to develop unique abilities to handle new job challenges.

The university addresses many questions, which are now asked by young aspirants, such as *“Can I study Technology with Music, Agriculture with Cyber Security or Computer Science with Economics?”* *“Will my university allow me such inter-disciplinary immersion that will equip me to handle a range of skills and roles in my professional and personal life?”*. Quantum University says why not. The university answers and hosts these valuable questions to its students.

5.2 New Age Curricula

The new age curriculum at Quantum University allows students to earn a Major degree in their chosen subject of professional interest. The Major prepares the students to step into the corporate world or to pursue post-graduate studies.

Alongside, one can earn a Certified Minor in an unrelated field by choosing a subject from open electives on attaining certain number of credits. An interesting minor makes students stand out at the time of placement.

The convergence of technologies and consequent changes in the way we work and associate has created a demand for a whole new range of skill sets. It is obligatory upon the educational sector to cater to these changes with urgency. The ‘new age curricula’ are the need of the hour. In contrast to the archaic curricula and rote learning, the new age curriculum at Quantum University aligns our education system with industry dynamics and interdisciplinary learning. Quantum University, through its contemporary curriculums, emphasizes academic, professional and personal development to navigate the upheavals of the socio-economic worlds.

A panel of very eminent experts from different domains of the academia and the industry ensure an updated, functional and outcome based curriculum at Quantum University. The two cardinal features of the Quantum curricula across the disciplines are:

5.3 Outcome Based Learning

Raising employability quotient through core competence and skill development is accorded top priority. The curriculums are constantly vetted against the industry requirements while industry collaborations are actively encouraged.

Great emphasis is also laid on domain related certificate trainings, which are of great relevance to the industry and lead to elevated placements. Alongside, training in soft skills and personality development is also an integral part of the Quantum curricula.

The second learning outcome of Quantum curriculum is laying sound foundation for higher education. For example, the B.Com (HONORS) program at Quantum, while imparting domain knowledge for ready employment, also enhances students’ preparedness to pursue higher studies for Chartered Accountancy or similar professions as a career.



5.4 Passion Programs

At Quantum University, Students are encouraged to follow their career without giving up their passion. It offers unique 'Passion Programs' (PROPS) through a host of clubs and societies to pursue their passion in sports, theater, dance, music, photography, design, art, community service and much more. Passion is the axiom of Quantum philosophy. Students are asked to take up Passion Programs as per their choice. The students have the chance to grow under a guided and structured format and achieve excellence in the chosen passion program. At the end of the program, students would be expected to showcase their work in front of a live audience.

5.5 Emphasis on Certified Trainings (VACs)

Quantum University imparts rigorous technical and soft skills trainings under an array of industrial tie-ups and MOUs. These trainings are carried out by industry experts and are duly certified. Students build strong core competence in their respective domains and are industry - ready at the time of passing out, leading to record placements year after year.

A dedicated department, called the Department of External Programs (DEEPRO), comprising of faculty and students, constantly works towards industry liaison and arranging job fests at Quantum. Quantum has tried to break new ground with a new model of learning. It is a fact that success in the modern world is dependent on skill. The skill gap can only be bridged by application of theory, hands on work and the right training. Quantum has since moved beyond the traditional theory based learning modes. The vital importance of skill development to education has inspired Quantum University to execute a multi-dimensional training program.

To this end, we have instituted Technical Certification Programs to provide robust integrated training besides regular curricula. These programs reflect the most valued skills in the corporate technical establishment. A dedicated team of experts is in place to constantly review and update the content and style of the programs so that they match the pace of technological change. Such certification programs are available across disciplines inbuilt in the regular curricula. Quantum makes sure that when the student passes out from Quantum, not only does he have a degree but a range of industry recognized Certificates on skills that are required by the industry which makes the student industry ready and employable.

5.6 Value Added Programs (VAP)

Another facet of our skill development drive is the focus on enhancing Soft Skills with an emphasis on communication skills. The University has tied up Cambridge Learning Inc. These are integral for preparing students to face an interview board. Regular mock tests are organized to polish student skills in Aptitude and Logical Reasoning. Quantum has made its prime focus to sculpt industry ready workforce. We have created a new blueprint for skill development, which goes beyond the traditional summer training, internship or project work. Students, in all programs, are required to take up certain minimum credits of VALUE ADDED PROGRAMS during the entire duration of the program. These courses will be Credit Courses, but no passing grade is required in these courses. The grades earned will be included in the calculation of CGPA.

5.7 Certification as Minors



Quantum University focuses on inter- disciplinary approach in program selection. Quantum University offers the minor program for under graduate level. A graduate level student may obtain a certification as minor in the field of study other than his major program, for an example, a computer science student can opt for minor in economics or entrepreneurship.

5.8 Honors Programs

The University offers Honors programs in selected areas, which will be partly delivered by the Industry. These programs shall be in collaboration with the Industry, and shall carry some extra credits as per the requirement of the specific Industry.

6. University governance - BOG, BOM, AC, Finance Committee

6.1 Composition of Board of Governors

Date of Constitution: March 05, 2018

Table 2: Composition of Board of Governors

S. No.	Name	Profession	Full Postal Address
1)	Shri Ajay Goyal Chairman	Chancellor Quantum University	14/1, New Road, Dehradun
2)	Shri Praveen Garg Vice Chairman	Pro Chancellor Quantum University	104/105, Model Colony, Yamunanagar
3)	Prof. (Dr.) Vivek Kumar Member Secretary	Vice Chancellor Quantum University	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
One Academicians Nominated by the Visitor			
4)	Mr. B. P. Pandey Rtd- I.A.S. & Educationist	Governor Nominee	B-4/42, Vipul Khand, Gomtinagar, Lucknow
Principal Secretary/ Secretary to the State Government of the Higher Education Department			
5)	Ex - Officio	Principal Secretary/ Secretary to the State Govt. of Higher Education Department	Secretariat Compound Subhash Road, Dehradun 248001
Five Members nominated by the Promoting Trust			
6)	Shri Anil Goyal Member	Industrialist	14/1, New Road, Dehradun
7)	Shri Naresh Garg Member	Industrialist & Member LMD Educational & Research Foundation Trust	104/105, Model Colony, Yamunanagar
8)	Mr. N. K. Minda Member	Industrialist	I.M.T. Manesar Gurugram



9)	Mr. Subodh Gupta Member	Professional	Director Finance B.H.E.L. New Delhi
10)	Mr. Pankaj Gupta Member	Industrialist	Mohabbewala Industrial Area Dehradun
Two Members nominated by the Chairman, Promoting Trust from Reputed Higher Education Institutions			
11)	Prof. (Dr.) A. K. Karnataka Member	Academician	G.B.Pant University of Agri. & Technology, Pantnagar and now VC of VCSG Uttarakhand University of Horticulture and forestry, Garhwal
12)	Prof. (Dr.) Vinay K. Nangia Member	Academician	Retired Professor Department of Management Studies, I.I.T. Roorkee Adjunct Faculty , NSUT, New Delhi

6.2 Composition of Board of Management

Date of Constitution: March 05, 2018

Table 3: Composition of Board of Management

S. No.	Name	Profession	Full Postal Address
1)	Prof. (Dr.) Vivek Kumar Chairman	Vice Chancellor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
One Member Nominated by The Chancellor			
3)	Prof. (Dr.) A. K. Khare Member	Academician Retd. Pro V.C., U.P.T.U.	Shiv Vihar Colony, Near Collectorate Circle, Jaipur
Five Members nominated by the Promoting Trust			
4)	Shri Shobhit Goyal Member	Secretary LMD Educational Research Foundation Trust	14/1, New Road, Dehradun
5)	Mr. Shanky Garg Member	Industrialist	104/105, Model Colony, Yamunanagar
6)	Prof. (Dr.) S. L. Soni Member	Director N.I.T. Srinagar	National Institute of Technology Srinagar
7)	Prof. (Dr.) G. C. Saxena Member	Ex - Vice Chancellor Agra University	18 North Vijay Nagar Colony, Agra
8)	Mr. Harinder Garg Member	Industrialist & CMD Manohari Group	129, Sector 6A, I.I.E. SIDCUL, Haridwar
Two Deans of the Faculty (By Rotation) nominated by the Chancellor			



9)	Prof. (Dr.) Gulshan Chauhan Member	Dean Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
10)	Prof. (Dr.) Lokinder Tyagi* Member	Dean Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
Two Faculties (By Rotation) nominated by the Chancellor			
11)	Dr. N. Murugalatha Kannan Member	Asso. Professor School of Agricultural Studies Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
12)	Dr. Pradeep Joshi	Asso. Professor School of Business Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
Non - Member Secretary - The Registrar, Quantum University			
13)	Dr. Rahul Sharma* Non - Member Secretary	Registrar Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee

*w.e.f. 13/07/2019

6.3 Composition of Academic Council

Date of Constitution: April 02, 2018

Table 4: Composition of Academic Council

S. No.	Name	Profession	Full Postal Address
1)	Prof. (Dr.) Vivek Kumar Chairman	Vice Chancellor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
Three Academicians not being employee of the University, from reputed University/Institution/Research Organizations Nominated by The Vice Chancellor			
2)	Dr. K. K. Pande Member	Dean Teerthanker Mahavir University	NH 24, Delhi Road, Bagadpur, Moradabad
3)	Dr. Ajay Rana Member	Professor & Advisor AMITY University	E - II, Sector 125, Noida
4)	Dr. Ashu Rani Member	Professor Kota University	Near Kabir Circle, M.B.S. Marg, Kota
Deans/Heads/Professors/ Associate Professors/ Assistant Professors of Quantum University			
5)	Dr. Gulshan Chauhan Member	Dean Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee



6)	Dr. Lokinder Tyagi* Member	Dean Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
7)	Dr. Amit Dixit Member	Professor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
8)	Dr. Anoop Badoni Member	Asso. Professor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
9)	Dr. Pradeep Joshi	Asso. Professor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
10)	Mr. VS Bashist*	Asstt. Professor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
The Registrar, Quantum University			
13)	Dr. Rahul Sharma* Secretary	Registrar Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee

*w.e.f. 13/07/2019

6.4 Composition of Finance Committee

Date of Constitution: July 1, 2018

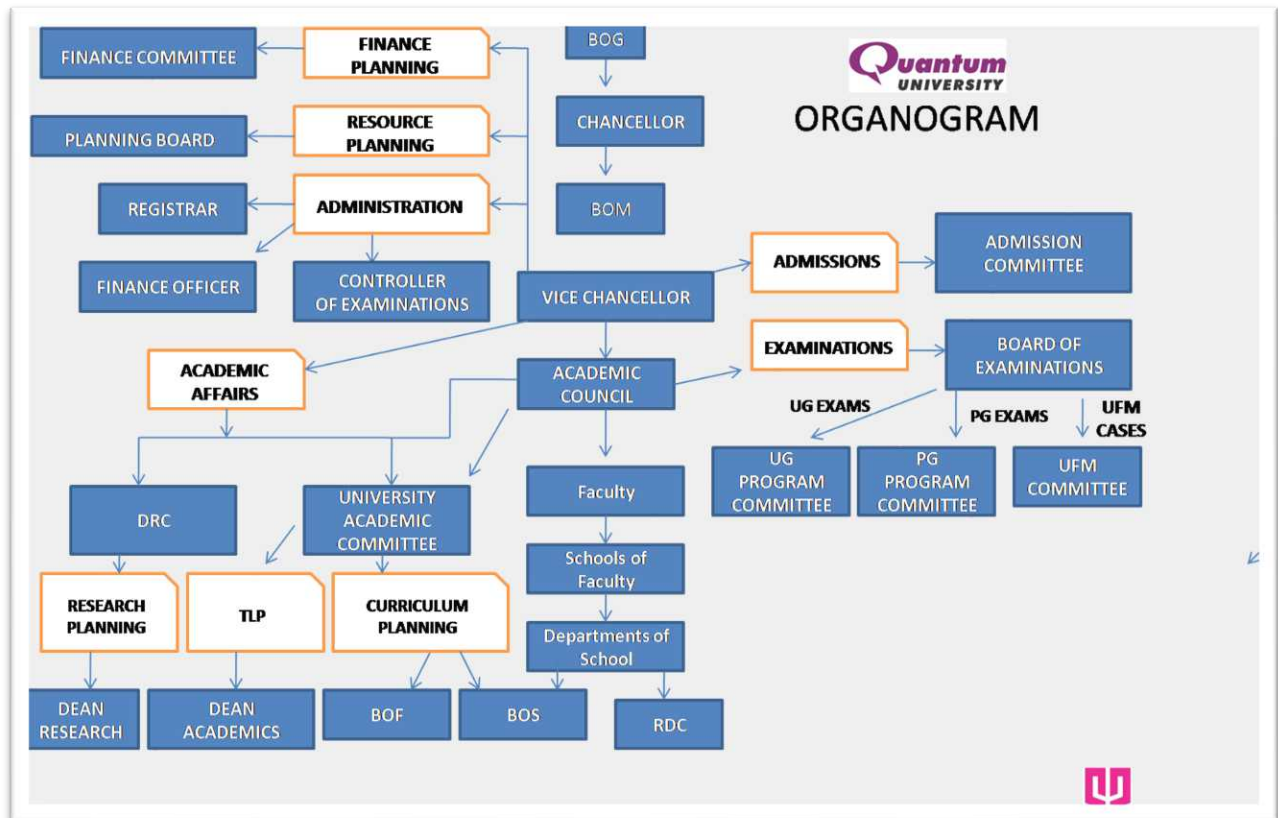
Table 5: Composition of Finance Committee

S. No.	Name	Profession	Full Postal Address
1)	Shri Ajay Goyal Chairman	Chancellor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
Member Secretary - Finance Officer			
2)	Mr.Sandeep Rohilla Member Secretary	Finance Officer	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
One Nominee of the Chairman, Board of Governors			
3)	Shri Shobhit Goyal Member	Secretary LMD Educational Research Foundation Trust	14/1, New Road, Dehradun 248 001
Two Nominee of the Promoting Trust			
4)	Mr. Prakhar Goyal Member	Industrialist	Dehradun 248 001



5)	Mr. Shanky Garg	Industrialist	Dehradun 248 001
Special Invitees			
8)	Prof. (Dr.) Vivek Kumar Member	Vice Chancellor Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee

7 Organization structure -





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Part A-Student Admissions

A1- Program of studies offered (2018-19)

A2- Students admitted in program Gender and category wise



A1-Program of studies offered (2018-19)

Table 6: Faculty wise Sanction Intakes & Actual Enrollments

S. No.	Faculty Name	Program Name	Sanctioned Intake for Session 2018-19	Actual Admissions in 1 st Year
1	Faculty of Technology	Bachelor of Technology in Computer Science & Engineering	100	99
2		Master of Technology in Computer Science & Engineering	03	01
3		B.Voc. - Automotive Manufacturing Technology	220	220
4		Bachelor of Technology in Mechanical Engineering	30	30
5		Master of Technology in Thermal Engineering	03	03
6		Bachelor of Technology in Civil Engineering	15	15
7		Master of Technology in Structural Engineering	03	03
8		Bachelor of Computer Applications	60	51
9	Faculty of Business & Management	Bachelor of Business Administration	75	74
10		Master of Business Administration	30	23
11		Bachelor of Arts (Hons) in Journalism and Mass Communication	20	20
12	Faculty of Graduate Studies	Bachelor of Commerce	60	60
13		Bachelor of Arts (Hons) in Eng/Eco/Psyco	15	10
14		Bachelor of Science (Hons) in PCM	15	15
15		Bachelor of Hotel Management	15	15
16	Faculty of Agricultural Studies	Bachelor of Science (Hons) in Agriculture	180	180
17	Faculty of Health Sciences	Bachelor of Science in Medical Radiology and Imaging Technology	30	30
18		Diploma in Pharmacy	60*	60*
19		Bachelor of Science in Nutrition and Dietetics	15	15
Total			889	864



A2-Students admitted in program Gender and Category wise

Number of students enrolled in the University for the current Academic Year 2018 - 19 according to various Regions & Countries.

Table6 : Details of Admissions(2018-19) in Various Category

Particulars	Gender	Students from Uttarakhand	No. of Students from other States	No. of NRI Students	No. of Overseas students excluding NRIs	Total
U.G.	M	194	428	--	09	631
	F	49	145	--	--	194
	T	--	--	--	--	00
P.G.	M	09	15	--	--	24
	F	04	11	--	--	15
	T	--	--	--	--	00
D.Pharma	M	03*	53*	--	--	56*
	F	01*	03*	--	--	04*
	T	--	--	--	--	00
Total		256	599	--	09	864

M - Male

F - Female

T - Transgender

Table 7: Details of Admissions (2018-19) in Reserved Categories

Category	Female	Male	Total
S.C.	19	51	70
S.T.	18	15	33
O.B.C.	98	212	310
P.H.	--	--	--
General	158	353	511
Total	293	631	924 (Including Diploma)



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Part B-Infrastructure Details

Transferred/ Newly Built



Table 8: Physical Infrastructure, Newly Constructed / Transferred from Quantum Global Campus (2018-19)

Building/Block

Building	Block	Area Per Floor (ft ²)	No of Floors	Under Construction	Total Area (ft ²)
Academic Block	A Block	16000	4		64000
	B Block	16000	4		64000
	C Block	10000	4		40000
	D Block	6000	4		24000
	E Block	10000	4		40000
TOTAL					2,32,000
Hostels	Boys Hostel 1	14500	6		87000
	Boys Hostel 2	13500	6		81000
	Boys Hostel 3				36000
	Girls Hotel	13000	6		78000
TOTAL					2,46,000
Faculty Residence		3100	3		9300
Cafeteria		6000	1		6000
LMD Store		1500	1		1500
Grand total					4,94,800

Table 9: Physical Infrastructure in numbers

S.No.	Physical Infrastructure (University)	In Numbers
1.	Class Rooms	50
2.	Tutorial Rooms	10
3.	Laboratories	57
4.	Seminar Rooms	02
5.	Auditorium	01
6.	Central Library	1
7.	Faculty Cabins	126
8.	Director Offices	02
9.	Board Rooms	02
10.	Vice Chancellor's Office	01
11.	Offices	10
12.	Registrar Offices	02
13.	Corporate Resource Center	01
14.	Exam Center/ Cell	01
15.	Computer Center	02
16.	Common Rooms	02
17.	Music Room	01
18.	Infirmary	01



19.	Estate Office and Stores	01
20.	Workshops	02
21.	Sports Offices	01
22.	Kitchen	01
23.	Boy's Hostel Buildings	4
24.	Girl's Hostel Buildings	1
25.	Faculty Residence Building /Guest House	1
26.	Hostel Mess	1
27.	Canteen	1
28.	Security Rooms	4

Table 10: Computing Facilities-Major Equipment (2019-20)

S.No.	Equipment	In Numbers
1.	Servers	5
2.	Computers for Academic Purpose	371
3.	Computer(Desktops and Laptops) for Offices/ Faculty Members /TLP Process	53
4.	Printers	27
5.	Online Projectors	9
6.	Scanners	2
7.	Internet Connection	50 Mbps
8.	Network	2, Optical Fiber and Copper
9.	Software	49

Table 11: Details of Lab Existing in University(Transferred / Created/ upgraded in 2018-19)

S.No.	Departments	No. of Labs	Created/ Transferred
1	Department of Mechanical Engineering	19	Transferred
2	Department of Civil Engineering	08	Transferred
3	Department of Computer Science & Engineering	32	Transferred but upgraded
4	Computer Center	2	Transferred but Upgraded
5	School of Health Sciences	3	Created
6	Department of Hotel Management	3	Transferred
7	Department of Agriculture	3	Transferred
8	Department of Sciences	2	Transferred
9	Department of Humanities and Social Sciences	1	Transferred



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Part C- The Faculty & Staff

Details

Transferred/ Newly Appointed



Table 12: Faculty at Glance

S.No.	Name of the Faculty	Students Strength	Number of Faculty Members	Professor	Associate Professor	Assistant Professor
1.	Faculty of Technology	422	21	06	01	14
2.	Faculty of Business & Management	117	08	01	03	04
3.	Faculty of Health Sciences	105	09	01	01	07
4.	Faculty of Graduate Studies	100	11	01	03	07
5.	Faculty of Agricultural Studies	180	10	00	04	06

Table 13: Faculty Strength (2018-19)

S. No.	Department	Name of the Teacher	Designation	Age (In Years)	Educational Qualifications (whether Qualified as per UGC Regulations)
Faculty of Technology					
1)	Computer Science & Engineering	Dr. Vivek Kumar	Professor	47	PhD
2)		Dr. Amit Dixit	Professor	42	PhD
3)		Dr. Aditi Sharma	Associate Professor	32	PhD
4)		Mr. Satender Kumar	Assistant Professor	41	M.Tech.
5)		Mr. Vishal Vig	Assistant Professor	30	M.Tech.
6)	Mechanical Engineering	Dr. Avadhesh Kumar Khare	Professor	73	PhD
7)		Dr. Gulshan Chauhan	Professor	51	PhD
8)		Dr. V.K Goel	Professor	50	PhD
9)		Mr. M. Kannan	Assistant Professor	43	M.Tech.



10)		Mr. Ankur Jain	Assistant Professor	28	M.Tech.
11)		Mr. Mukesh Kumar	Assistant Professor	30	M.Tech.
12)		Mr. Naveen Rana	Assistant Professor	24	M.Tech.
13)		Mr. Surinder Kumar	Assistant Professor	27	M.Tech.
14)		Mr. Vivek Kumar Sharma	Assistant Professor	31	M.Tech.
15)	Civil Engineering	Dr. Krishna Kumar Pande	Professor	48	PhD
16)		Mr. Karan Babbar	Assistant Professor	31	M.Tech.
17)		Mr. Himanshu Kandpal	Assistant Professor	25	M.Tech.
18)		Mr. Shivanshu Malviya	Assistant Professor	27	M.Tech.
19)	Computer Application	Mrs. Jaspreet Srivastava	Assistant Professor	28	M.Tech.
20)		Mr. Mayur Srivastava	Assistant Professor	33	M.Tech.
21)		Mr. Mitender Kumar	Assistant Professor	21	B.Tech.
Faculty of Business & Management					
1)	Business Administration	Dr. Rohit Kushwaha	Professor	49	PhD
2)		Dr. Sachin Chauhan	Associate Professor	34	PhD
3)		Dr. Pradeep Joshi	Associate Professor	33	PhD
4)		Dr. Rajeev Kumar Ranjan	Associate Professor	44	PhD
5)		Mr. Pushpender Singh	Associate Professor	49	M.Com.
6)	Media Studies	Dr. Jasleen Kaur	Assistant Professor	30	PhD
7)		Mr. Ravi Shankar Upadhyaya	Assistant Professor	41	MJMC
8)		Mr. Soumya Mohan Sharma	Assistant Professor	33	B.Sc. Animation & Multimedia
Faculty of Graduate Studies					
1)	Commerce & Finance	Dr. Anshul Sharma	Associate Professor	42	PhD
2)		Dr. Amit Saini	Assistant Professor	34	PhD



3)		Mr. Vinay Pal Singh	Assistant Professor	33	M.Com.
4)	Humanities And Social Sciences	Mrs. Neeta Sharma	Assistant Professor	58	M.A.
5)		Mr. Vaibhav Gupta	Assistant Professor	33	MBA
6)	Hospitality & Tourism	Mr. Alok Prasad	Associate Professor	48	MHM
7)	Sciences	Dr. Ashok Kumar Seth	Professor	60	PhD
8)		Dr. Naveen Rawat	Associate Professor	37	PhD
9)		Dr. Rakhi Sharma	Assistant Professor	35	PhD
10)		Dr. Renu Choudhary	Assistant Professor	43	PhD
11)		Dr. Robin	Assistant Professor	33	PhD
Faculty of Agricultural Studies					
1)	Agriculture	Dr. Vinod Kumar Mishra	Associate Professor	55	PhD
2)		Dr. Anoop Badoni	Associate Professor	36	PhD
3)		Dr. Chhaya Sharma	Associate Professor	38	PhD
4)		Dr. Shweta Sen	Associate Professor	36	PhD
5)		Dr. Arvind Malik	Assistant Professor	35	PhD
6)		Dr. Javed Ahmed Khan	Assistant Professor	34	PhD
7)		Dr. N. Murugalatha	Assistant Professor	42	PhD
8)		Dr. Ram Prakash Srivastava	Assistant Professor	39	PhD
9)		Dr. Ravi Kumar	Assistant Professor	28	PhD
10)		Dr. Rohit Bhati	Assistant Professor	27	PhD
Faculty of Health Sciences					
1)	Pharmacy	Dr. Deepika Raina	Assistant Professor	31	PhD
2)		Dr. Vishakha Jaiswal	Assistant Professor	28	PhD
3)		Mr. Vaibhav Kumar Rathi	Assistant Professor	32	M Pharma
4)		Mrs. Hema Seliya	Assistant Professor	27	M Pharma



5)	Applied Medical Sciences	Dr. Darshika Nigam	Associate Professor	45	PhD
6)		Dr. Divya Rawat	Assistant Professor	28	PhD
7)		Mrs. Saloni Arora	Assistant Professor	33	M.Sc.
8)	Paramedical Sciences	Dr. Ravi Deval	Professor	39	PhD
9)		Mrs. Sonam Sethi	Assistant Professor	31	M.Sc. Chemistry

Table 14: Faculty and Staff Transferred from Quantum Global Campus to Quantum University (2018-19)

List of Faculty Members transferred from QGC to Quantum University				
S. No.	Department in QU	Name of the faculty	Designation	Qualification (Whether qualified as per UGC Regulations)
1	Computer Science & Engineering	Dr. Amit Dixit	Professor	PhD
2		Mr. Satender Kumar	Assistant Professor	M.Tech.
3		Mr. Vishal Vig	Assistant Professor	M.Tech.
4	Mechanical Engineering	Dr. Avadhesh Kumar Khare	Professor	PhD
5		Dr. Gulshan Chauhan	Professor	PhD
6		Dr. V.K Goel	Professor	PhD
7		Mr. M. Kannan	Assistant Professor	M.Tech.
8		Mr. Ankur Jain	Assistant Professor	M.Tech.
9		Mr. Vivek Kumar Sharma	Assistant Professor	M.Tech.
10		Mr. Mukesh Kumar	Assistant Professor	M.Tech.
11		Mr. Surinder Kumar	Assistant Professor	M.Tech.
12		Mr. Naveen Rana	Assistant Professor	M.Tech.
13	Civil Engineering	Mr. Karan Babbar	Assistant Professor	M.Tech.
14		Mr. Himanshu Kandpal	Assistant Professor	M.Tech.



15	Computer Application	Mr. Mayur Srivastava	Assistant Professor	M.Tech.
16		Mrs. Jaspreet Srivastava	Assistant Professor	M.Tech.
17		Mr. Mitender Kumar	Assistant Professor	B.Tech.
18	Business Administration	Dr. Rohit Kushwaha	Professor	PhD
19		Dr. Pradeep Joshi	Associate Professor	PhD
20		Dr. Sachin Chauhan	Associate Professor	PhD
21		Dr. Rajeev Kumar Ranjan	Associate Professor	PhD
22		Mr. Pushpender Singh	Associate Professor	M.Com.
23	Media Studies	Mr. Ravi Shankar Uppadhaya	Assistant Professor	MJMC
24	Commerce & Finance	Dr. Anshul Sharma	Associate Professor	PhD
25		Dr. Amit Saini	Assistant Professor	PhD
26	Humanities And Social Sciences	Mrs. Neeta Sharma	Assistant Professor	M.A English
27		Mr. Vaibhav Gupta	Assistant Professor	MBA
28	Sciences	Dr. Ashok Kumar Seth	Professor	PhD
29		Dr. Renu Choudhary	Assistant Professor	PhD
30		Dr. Robin	Assistant Professor	PhD
31	Agricultural Studies	Dr. Anoop Badoni	Associate Professor	PhD
32		Dr. N. Murugalatha	Assistant Professor	PhD
33		Dr. Ram Prakash Srivastava	Assistant Professor	PhD
34		Dr. Javed Ahmed Khan	Assistant Professor	PhD
35	Paramedical Sciences	Mrs. Sonam Sethi	Assistant Professor	M.Sc. Chemistry



Table 15: List of Staff Transferred to Quantum University

S. No.	Name of employee	Designation	Qualification (Whether qualified as per UGC Regulations)
1	Mr. R. K. Khare	Registrar	M.Com., M.B.A.
2	Mr. Vijay Rawat	Sr. Accounts Officer	M.Com.
3	Mr. Sandeep Rohila	Accounts Officer and Finance Officer	M.B.A.
4	Mr. Jay Sharma	Placement Officer	M.B.A.
5	Mr. Kailash Chandra Lakhera	Store Officer	XII
6	Mr. Ravinder Giri	System Administrator	B.A., M.C.S.E., C.C.N.A.
7	Mr. Shantanu Arya	Sr. Office Executive	B.C.A.
8	Mr. Rajeev Sharma	Accountant	M.B.A.
9	Mr. Vikas Gupta	P.S. to Vice Chancellor	M.Sc.
10	Mr. Neeraj Sharma	Librarian	M.Lib., M.Phil.
11	Mr. Sudhir Kumar	Asstt. Librarian	M.Lib., M.Phil.
12	Ms. Sangeeta Sharma	Asstt. Librarian	M.Lib., B.Ed.
13	Mr. Ashutosh Goyal	Office Executive	M.A., B.A.
14	Mr. Varun Agarwal	Office Executive	M.B.A.
15	Mrs. Manju Soni	Receptionist	B.A.
16	Mr. Deepak Pal	Office Executive	B.C.A.
17	Mr. Neeraj Kumar	Office Executive	M.B.A.
18	Mr. Vipin Kumar	Office Executive	B.A.
19	Mr. Karan Singh Saini	Hostel Supervisor	B.A.
20	Mr. Vijay Pal Saini	Hostel Supervisor	M.A.
21	Mr. Sanjay Saini	Hostel Supervisor	XII



22	Mr. Devender Saini	Hostel Supervisor	B.A.
23	Mrs. Asha Chaudhary	Hostel Supervisor	B.Com.
24	Mrs. Rupa Chaudhary	Hostel Supervisor	XII
25	Mr. Munish Saini	Store Assistant	XII
26	Mr. Eshank Dhiman	Store Assistant	Diploma
27	Mr. Parvej Khan	Lab Technician	B.Tech.
28	Mr. Sandeep Kumar	Lab Technician	B.Com.
29	Mr. Jitender Kumar	Lab Technician	B.A.
30	Mr. Deepak Giri	Lab Technician	B.C.A., M.C.A.*
31	Mr. Vimal Kumar	Lab Technician	B.A.
32	Mr. Rameshwar Chaudhary	Lab Technician	B.A.
33	Mr. Raj Kumar Singh	Lab Technician	B.A.
34	Mr. Vipin Chauhan	Lab Technician	B.Tech.
35	Mr. Saurabh Verma	Lab Technician	Diploma, B.A.
36	Mohd. Azam	Lab Technician	Diploma, M.A., A.M.I.E.
37	Mr. Satya Pal	Lab Technician	Diploma
38	Mr. Kuldeep Kumar	Lab Technician	Diploma (<i>Agriculture</i>)
39	Mr. Amit Kumar	Lab Technician	Diploma
40	Mr. Mange Ram	Lab Technician	I.T.I.
41	Mr. Ankit Dhiman	Lab Technician	B.Com.
42	Mr. Suchiv Dhiman	Lab Technician	B.Com.
43	Mr. Arvind Kumar	Lab Technician	B.Sc.
44	Mr. Janeshwar Prasad	Lab Technician	I.T.I.
45	Mr. Karan Singh	Lab Technician	Diploma, XII
46	Mr. Babu Ram Lamba	Lab Technician	Diploma, XII
47	Mr. Manish Kumar	Lab Technician	XII



48	Mr. Praveen Kumar	Lab Technician	I.T.I.
49	Mr. Sunder Lal	Lab Technician	Diploma
50	Mohd. Taushif	Lab Technician	M.C.A.
51	Mr. Sarvesh Kumar	Electrician	XII
52	Mr. Anuj Kumar	Electrician	XII
53	Mr. Sardar Singh	Plumber	X
54	Mr. Vijay Pal	Plumber	X
55	Mr. Rakesh	Plumber	X
56	Mr. Mohit Kumar	Lab Attendant	XII
57	Mr. Amit Kumar	Lab Attendant	X
58	Mr. Monu Saini	Lab Attendant	VIII
59	Mr. Niranjana Kumar Saini	Lab Attendant	X
60	Mr. Raj Kumar	Lab Attendant	X
61	Mr. Rajesh Kumar	Lab Attendant	X
62	Mr. Sanjay	Lab Attendant	X
63	Mr. Mukesh Kumar	Lab Attendant	X
64	Mr. Vishal Kumar	Lab Attendant	X
65	Mr. Anchal Kumar	Driver	X
66	Mr. Manish Kumar	Driver	IX
67	Mr. Arjun Kumar	Driver	VIII
68	Mr. Sunil Kumar	Driver	X
69	Mr. Vinay Kumar	Driver	VIII



Annual Report (2018-19)

Part D- The Teaching Learning Practices

D1: Details of Research & Publications

D2: Details of Patents Filed & Applied

D3: Detail of National Level Seminars Organized

D4: Faculty Development Program

D5: Details of Workshops Conducted and Attended

D6: Details of Guest and Invited Lectures Organized

D7: Details of Industrial Visits



D1- Details of Research & Publications

Table 16: Research and Publications- National and International (2018-19)

S.No.	Name of the Faculty	Publication in UGC recognized journals	Publication in Scopus Indexed /IEEE Explore	Paper Presented in national and International Conferences
1.	Faculty of Technology	40	23	19
2.	Faculty of Business & Management	5	-	7
3.	Faculty of Graduate Studies	4	1	6
4.	Faculty of Agricultural Studies	14	-	9
5.	Faculty of Health Sciences	3	-	2
6.	University Total	67	24	43

Details of Publication (2018-19) of Faculty Members

National and International Journals(UGC Recognized)

- BADONI ANOOP, CHAMOLI VINAY, CHANDRA NAVEEN, "DETECTION OF MECHANICAL DAMAGED SEEDS IN SOYBEAN USING COLOR REACTION OF SAFRANIN SOLUTION", INTERNATIONAL JOURNAL OF PURE & APPLIED BIOSCIENCE, VOL.6, NO. 1, PP. 353-355, JAN 2018.
- SINGH RAGHURAJ, GUPTA RAUNAK, VERMA P.L., BAJPAI LOKESH, "THEORY OF CONSTRAINTS - STRATEGY FOR CONTINUOUS IMPROVEMENT", INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING, VOL.6, NO. 1, PP. 66-69, JAN 2018.
- GUPTA RAUNAK., VERMA P. L., JAIN SANJAY & MANORIA ASHISH, "LIGHTING THE WAY", SIX SIGMA FORUM MAGAZINE AQS, VOL. 17, NO. 2, PP. 5-14, FEB 2018.
- BADONI ANOOP, CHANDRA NAVEEN, CHAMOLI VINAY, " IDENTIFICATION OF DORMANCY IN THE SEEDS OF SPONGE GOURD", INTERNATIONAL JOURNAL OF PURE & APPLIED BIOSCIENCE, VOL. 6, NO. 2, PP. 295-297, MARCH 2018
- KUMAR MUKESH, VASEEM MOHD, "EFFECT OF SIO₂ IN A-GTAW MADE OF AISI SS304", INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT, VOL. 5, NO. 3, PP. 233-242, MARCH 2018.
- SINGH RAVINDER PAL, SINGH PRITPAL , SRIVASTAVA JASPREET, MANI KANNAN, SRIVASTAVA MAYANK, "RESEARCH ON HYDROXYAPATITE BASED COMPOSITE MATERIALS", INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS(IJCRT), VOL.6, NO. 2, PP. 250-259, APRIL 2018.



7. KUMAR MUKESH, VASEEM MOHD, KUMAR RAJESH, "MICROHARDNESS IMPROVEMENT BY USING THERMAL SPRAYED NI AND AL COATINGS BY DETONATION GUN", VOL. 5, NO. 4, PP. 498-504, APRIL 2018.
8. VASEEM MOHD, RANA NAVEEN, KUMAR SURINDER, GAUTAM SHAKTI SINGH, "OPTIMIZATION AND SENSITIVITY ANALYSIS OF RAILWAY CONTAINER BLOCK", INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT, VOL. 5, NO. 4, PP. 1443-1453, APRIL 2018.
9. VASEEM MOHD., KUMAR MUKESH, TANEJA LAKSHAY, "OPTIMIZATION OF RAILWAY TERMINAL BLOCK", INTERNATIONAL JOURNAL OF ADVANCE ENGINEERING AND RESEARCH DEVELOPMENT, VOL. 5, NO. 4, PP. 337-346, APRIL 2018.
10. KANDPAL HIMANSHU, KUMAR ANIL, MALIK ANURAG, "MORPHOMETRIC ANALYSIS AND PRIORITIZATION OF SUB-WATERSHEDS IN BINO WATERSHED, UTTARAKHAND: A REMOTE SENSING AND GIS PERSPECTIVE", INDIAN JOURNAL OF ECOLOGY, VOL. 45, NO. 3, PP. 475-478, AUGUST 2018.
11. GUSAIN POONAM, KUMAR PUSHKAR, "OPTIMIZATION OF PHOTOVOLTAIC PLANT", 2ND INTERNATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND MANAGEMENT (ICSTM-2018), PP. 309-313, SEPT. 2018.
12. KHAN JAVED AHAMAD, RATHORE RAM SWAROOP, ABULREESH HUSSEIN HASAN, QAIS FAIZAN ABUL AND AHMAD IQBAL, "PHENOTYPIC AND GENOTYPIC CHARACTERIZATION OF SALMONELLA ISOLATED FROM BEEF IN NORTHERN INDIA", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 133-136, OCT 2018.
13. CHAUDHARY PRAJWAL, MOHANTY SHIVANI, MONIKA, MURUGALATHA N., BHARTH WAL POOJA AND SINGH PORTIA D., "EFFECT OF ORGANIC FERTILIZER- PANCHAGAVYA ON RABI CROP", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 127-128, OCT 2018.
14. NALLAYAN N MURUGALATHA, DEVI KANCHANA, "ISOLATION OF PROBIOTIC LACTOBACILLUS SP FROM RAW COW MILK AND ITS USAGE AS PLANT GROWTH PROMOTING BACTERIA", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE-5, PP. 103-107, OCT 2018.
15. MURUGALATHA N KANNAN, SETHI SONAM, BADONI ANOOP, CHAMOLI VINAY AND BAHUGUNA NAVEEN CHANDRA, "ISOLATION AND CHARACTERIZATION OF BACTERIAL ISOLATES FROM AGRICULTURE FIELD SOIL OF ROORKEE REGION", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 108-110, OCT 2018.



16. MURUGALATHA N, ANJALI, MURALITHARAN, ARYA RINKEY, CHANDRA NAVEEN, "STUDY ON EFFECTS OF PANCHAGAVYA ON VEGETABLE CROP (POTATO)", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 125-126, OCT 2018.
17. CHANDRA NAVEEN, BADONI ANOOP, CHAMOLI VINAY, KHAAN JAVED, JOSHI NAMAN AND MURUGALATHA N," AFFECT OF DIFFERENT DOSES OF FYM ON FLOWER YIELD OF MARIGOLD (TAGETES ERECTA L.) CV. HAWAII", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 154-156, OCT 2018.
18. SRIVASTAVA RP., SINGH RAJESH, SINGH B, SAHOO SK, SINGH MUKESH KUMAR," HERITABILITY, GENETIC ADVANCE AND CORRELATION STUDIES OF CROSS POLLINATION IN CMS LINES OF RICE INFLUENCED WITH FLORAL TRAITST", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 08-12, OCT 2018.
19. SINGH MUKESH KUMAR, SINGH RAVI P., SINGH P., SINGH RAVISH KUMAR AND SRIVASTAVA RP., "RECIPROCAL CROSSES IN EARLY MATURING X HIGH YIELDING RICE (ORYZA SATIVA L.) CULTIVARS", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 50-55, OCT 2018.
20. NEHRA TARUN, CHAUDHARY VIMAL, "DESIGN AND CONSTRUCTION OF SWALES IN HILLY REGIONS", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 56-57, OCT 2018.
21. CHAMOLI VINAY, BADONI ANOOP, BAHUGUNA NAVEEN, JOSHI NAMAN, "FINGER MILLET (ELUESINE CORACANA):- NUTRITIONAL STATUS, HEALTH BENEFITS AND PROCESSING STATUS - A REVIEW", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP.80-83, OCT 2018.
22. AGRAWAL ASHUTOSH, ARYA MITENDER KUMAR,"OPTIMIZE AND CUSTOMIZE IRRIGATION MECHANISM AND CROPS PREVENTION FROM PESTS", JOURNAL OF PHARMACOGNOSY AND PHYTOCHEMISTRY, VOL. 7, SPECIAL ISSUE NO-5, PP. 17-19, OCT 2018
23. VASEEM MOHD., CHAUHAN GULSHAN AND RAGHAV RAJNEESH, "OPTIMIZATION OF NATIONAL HIGHWAY",PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 1-8, OCT 2018.
24. KUMAR MUKESH, RANA NAVEEN, "SOME STUDIES ON THE PERFORMANCE OF ACTIVATED-TIG WELDING IN STEEL WELDMENTS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 9-14, OCT 2018.
25. KUMAR MUKESH, CHAUHAN GULSHAN, "LEAN MANUFACTURING SYSTEM TO ENHANCE PERFORMANCE IN OPERATIONS: AN EMPIRICAL STUDY ON PLYWOOD AND BLOCKBOARD INDUSTRY", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 19-26, OCT 2018.



26. CHAUHAN GULSHAN, VASEEM MOHD., "STEAM CONSERVATION STUDY OF SUGAR INDUSTRY", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 57-68, OCT 2018
27. KUSHWAHA ROHIT, KUKRETI ANKUR, SRIVASRAVA NIDHI, "INNOVATION IN PURCHASE PLANNED BEHAVIOR FOR BRANDED PRODUCTS AMONG YOUTHS AND ADULTS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 69-76, OCT 2018.
28. VASEEM MOHD., CHAUHAN GULSHAN, MISHRA SACHIDANAND, "OPTIMIZATION OF RAILWAY CONTAINER YARD", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 77-88, OCT-2018.
29. SHARMA VIVEK KUMAR, "AN EXPERIMENTAL INVESTIGATION INTO THE PERFORMANCE OF ELECTRO-CHEMICAL MACHINING (ECM) PROCESS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 89-104, OCT 2018.
30. BABBAR KARAN, KUMAR SARVENDRA, "STRESS COMPUTAION --- A MATRIX APPROACH", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 105-108, OCT 2018.
31. GOEL RAVI KUMAR, KHOTIYAN SAURABH, KUMAR SURINDER, "EFFECT OF ETHANOL ON THE TWO STROKE PETROL ENGINE", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 109-114, OCT 2018.
32. RANA NAVEEN, KUMAR MUKESH, "DEVELOPMENT AND PROSPECT IN THE SOLAR ENERGY SECTOR IN INDIA", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 123-128, OCT 2018.
33. RANA NAVEEN, KUMAR MUKESH, RAGHAV RAJNEESH, "PROSPECT OF OFF SHORE WIND POWER IN INDIA", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 129-134, OCT 2018.
34. SINGH VIPIN KUMAR, KANAUIA KRISHNA KANT, RAGHAV RAJNEESH, "FULFILL STUDENT ENERGY NEED IN MATRAIYEE HOSTEL OF SULTANPUR", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 135-142, OCT 2018.
35. GUPTA RAUNAK, SINGH RAGHURAJ, VERMA P.L. AND KHOTIYAN SAURABH, "IDENTIFICATION AND EXPLOITATION OF CONSTRAINT IN THE DELAYED DELIVERY OF PROJECTS - A CASE STUDY", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 153-160, OCT 2018.



36. RAGHAV RAJNEESH, SINGH VIPIN KUMAR, VASEEM MOHD., "GRAPHENE BASED MATERIALS: SYNTHESIS, ENVIRONMENTAL AND BIOLOGICAL TOXICITY AND BIOMEDICAL APPLICATIONS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 175-184, OCT 2018.
37. RAGHAV RAJNEESH, SINGH VIPIN KUMAR, GUPTA RAUNAK, RANA NAVEEN, "OPTIMIZING PARAMETERS OF ELECTRICAL DISCHARGE MACHINING ON STAINLESS STEEL 304 BY COPPER ALLOY TOOL USING RESPONSE SURFACE METHODOLOGY", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 185-190, OCT 2018.
38. MALIK VARUN, "AIR FLOW OPTIMIZATION OVER A CAR BY WIND TUNNEL", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 191-198, OCT 2018.
39. GAUTAM SHAKTI SINGH, GOEL RAVI, SAINI SURINDER, "EFFECTIVE MACHINABILITY ON ELECTROCHEMICAL MACHINING", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 221-224, OCT 2018.
40. KUMAR SURINDER, GOEL RAVI, GAUTAM SHAKTI SINGH, "CHANGE IN THE PROPERTIES OF A357 THROUGH ALLOYING ELEMENTS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 225-230, OCT 2018.
41. GAUTAM SHAKTI SINGH, KUMAR SURINDER, "STATIC AND FREE VIBRATION STUDY OF LAMINATED COMPOSITE PLATE WITH VARIOUS CONDITIONS OF ARBITRARY LIMITS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 231-234, OCT 2018.
42. SAINI SURINDER, GOEL RAVI, GAUTAM SHAKTI SINGH, "POWER WINDOW DESIGN FOR A FOUR WHEELER", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 235-240, OCT 2018.
43. KHOTIYAN SAURABH KUMAR, DUTT VISHWARYA, GUPTA RAUNAK, "A REVIEW ON FRICTION STIR WELDING PROCESS COMPARED WITH TIG AND MIG", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 241-244, OCT 2018.
44. KHOTIYAN SAURABH KUMAR, GUPTA RAUNAK, DUTT VISHWARYA, "A CHECK TO FIND OUT THE BETTER WELDING TECHNIQUE AMONG TIG AND MIG FOR ALUMINUM ALLOY", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 245-250, OCT 2018.
45. CHAUDHARY RENU, KUMAR RAJENDRA, "DAMPED VIBRATIONS OF AN ISOTROPIC CIRCULAR PLATE OF PARABOLICALLY VARYING THICKNESS RESTING ON ELASTIC FOUNDATION",



PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 251-280, OCT 2018.

46. GOEL RAVI KUMAR, KUMAR SURINDER, "OPTIMIZATION OF METAL MATRIX COMPOSITE THROUGH ALLOYING ELEMENTS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 281-286, OCT 2018.
47. VASEEM MOHD., VAID CHANDERKANT, AZAM, GIRI LAKSHYA, "SOLAR POWERED AUTONOMOUS ONE WHEEL DRIVE", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 287-292, OCT 2018.
48. SHARMA VIVEK KUMAR, KARAN KAUSHIK, SHARMA JAY, "RECENT TRENDS IN GO-KART DESIGN AND MANUFACTURING", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 311-318, OCT 2018.
49. KANNAN M., SHARMA ASHUTOSH, GUPTA RAUNAK, TAMTA RAJNEESH RAGHAV, "WELDING PARAMETERS EFFECT ON THE MICROSTRUCTURE OF GAS TUNGSTEN ARC WELDED THIN MILD STEEL SHEETS", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 319-326, OCT 2018.
50. SINGH VIPIN KUMAR, RAGHAV RAJNEESH, JAIN ANKUR," ANALYSIS OF HYDRODYNAMIC OF HARD DISK DRIVE", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 327-332., OCT 2018.
51. SAINI NEETU, "CHARACTERIZATION OF SILICON CARBIDE REINFORCED ALUMINUM ALLOY MATRIX COMPOSITES", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 333-340, OCT 2018.
52. KANNAN M., SINGH SATYENDRA, PRASAD R.R., "STUDY OF THROWING POWER AND HARDNESS OF ELECTRODEPOSITED ZINC-NICKEL-ALUMINA NANOCOATING ON MILD STEEL - AISI 1144", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 341-350, OCT 2018.
53. SRIVASTAVA JASPREET, SRIVASTAVA MAYUR, SAMANT SANDHYA, "NEURAL NETWORKS & REINFORCEMENT LEARNING IN ROBOTICS: A STUDY", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 351-358, OCT 2018.
54. JAIN ANKUR, "STUDY ON FANUC CONTROLLER BASED COMPUTER NUMERICAL CONTROL MACHINE (CNC)", PROCEEDINGS OF NATIONAL CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 367-376, OCT 2018.
55. SHARMA VIVEK KUMAR, VERMA MANUDHAR RANJAN, KANNAN M.," TRENDS AND INNOVATIONS IN ABRASIVE JET MACHINING- A REVIEW", PROCEEDINGS OF NATIONAL



CONFERENCE ON TRENDS AND INNOVATIONS IN MECHANICAL ENGINEERING (TIME-2018), PP. 389-396, OCT 2018.

56. RAJEEV RANJAN, SUSTAINABLE TOURISM DEVELOPMENT :- IMPLICATIONS FOR THE UTTARAKHAND TOURISM INDUSTRY (AAYAM)

**Details of Publication (2018-19) of Faculty Members
National and International Journals (Scopus Indexed)**

57. CHAUHAN, G. AND CHAUHAN, V. (2019) "A PHASE-WISE APPROACH TO IMPLEMENT LEAN MANUFACTURING," *INTERNATIONAL JOURNAL OF LEAN SIX SIGMA*, VOL. 10, ISSUE 1, PP 106-122. [ISSN 2040-4166], PUBLISHED BY EMERALD GROUP PUBLISHING LTD., U.K. **SCOPUS INDEXED JOURNAL.**

INTERNATIONAL JOURNAL OF MECHANICAL AND PRODUCTION ENGINEERING RESEARCH AND DEVELOPMENT SPECIAL ISSUE, APRIL, 2019,[ISSN 2249-8001], SCOPUS INDEXED JOURNAL.

58. A CHECK TO FIND OUT THE BETTER WELDING TECHNIQUE AMONG TIG AND MIG FOR ALUMINUM ALLOY
59. WELDING PARAMETERS EFFECT ON THE MICROSTRUCTURE OF GAS TUNGSTEN ARC WELDED THIN MILD STEEL SHEETS
60. SOME STUDIES ON THE PERFORMANCE OF ACTIVATED-TIG WELDING IN STEEL WELDMENTS
61. LEAN MANUFACTURING SYSTEM TO ENHANCE PERFORMANCE IN OPERATIONS: AN EMPIRICAL STUDY ON PLYWOOD AND BLOCKBOARD INDUSTRY
62. FULFILL STUDENT ENERGY NEED IN MATRAIYEE HOSTEL OF SULTANPUR
63. OPTIMIZATION OF RAILWAY CONTAINER YARD
64. EFFECT OF ETHANOL ON THE TWO STROKE PETROL ENGINE
65. AN EXPERIMENTAL INVESTIGATION INTO THE PERFORMANCE OF ELECTRO-CHEMICAL MACHINING (ECM) PROCESS
66. RECENT TRENDS IN GO-KART DESIGN AND MANUFACTURING
67. STEAM CONSERVATION STUDY OF SUGAR INDUSTRY
68. IDENTIFICATION AND EXPLOITATION OF CONSTRAINT IN THE DELAYED DELIVERY OF PROJECTS - A CASE STUDY
69. DEVELOPMENT AND PROSPECT IN THE SOLAR ENERGY SECTOR IN INDIA
70. AN INVESTIGATION OF ALUMINUM ALLOY MATRIX COMPOSITES WITH SILICON CARBIDE REINFORCED
71. OPTIMIZING PARAMETERS OF ELECTRICAL DISCHARGE MACHINING ON STAINLESS STEEL 304 BY COPPER ALLOY TOOL USING RESPONSE SURFACE METHODOLOGY



72. STUDY OF THROWING POWER AND HARDNESS OF ELECTRODEPOSITED ZINC-NICKEL-ALUMINA NANOCOATING ON MILD STEEL -AISI 1144
73. PROSPECT OF OFFSHORE WIND POWER IN INDIA
74. INFLUENCING GEOMETRICAL PARAMETERS OF TOOLS IN FRICTION STIRRING TECHNOLOGY : A SHORT REVIEW
75. MECHANICAL AND TRIBOLOGICAL PROPERTIES OF AL BASED IN SITU COMPOSITE: A REVIEW
76. MEDHA : A COLLABORATIVE E-CONCEPT FRAMEWORK, B.S ABHIGNA ; SUDESHNA CHAKRABORTY ; **VIVEK KUMAR**, INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING AND INTERNET OF THINGS (IC3IOT) PUBLISHED IN IEEE YEAR: 2018(**SCOPUS INDEXED**)
77. DETECTING MALWARE AND ANALYSIS USING SAND BOX EVASION, **VIVEK KUMAR** ET.AL INTERNATIONAL CONFERENCE ON COMMUNICATION, COMPUTING AND INTERNET OF THINGS (IC3IOT) PUBLISHED IN IEEE YEAR: 2018(**SCOPUS INDEXED**)
78. AN ADAPTIVE ALGORITHM FOR USER-ORIENTED SOFTWARE ENGINEERING, ANISHA, SAINI G.S., **KUMAR V.** SMART INNOVATIONS IN COMMUNICATION AND COMPUTATIONAL SCIENCES. ADVANCES IN INTELLIGENT SYSTEMS AND COMPUTING, VOL 670.PG 28-37 SPRINGER (2019). (**SCOPUS INDEXED**)
79. ENHANCEMENT OF TRANSIENT STABILITY OF MULTIMACHINE SYSTEM USING TCSC, SSSC AND UPFC, GARG, L., AGARWAL, S.K., **KUMAR, V.**, INTELLIGENT COMMUNICATION, CONTROL AND DEVICES PG 381-392 SPRINGER. (2018) (**SCOPUS INDEXED**)
80. ANALYSIS OF EXTERNAL CONTENT PLAGIARISM USING CHARACTER SWARM INTELLIGENCE SUDESHNA CHAKRABORTY, **VIVEK KUMAR** AND TANUPRIYA CHOUDHURY, **SMART INNOVATION SYSTEM AND TECHNOLOGY**, VOL 78(2) PAGE 379-385 (**SCOPUS INDEX**)
81. RAJEEV RANJAN, ACCEPTED IN ACADEMY OF EDUCATIONAL LEADERSHIP JOURNAL- ALLIED BUSINESS ACADEMIES - UNITED KINGDOM(**SCOPUS INDEX**)

D2-Details of Patents Filed & Applied

Table 17: Patents/Design Patents Filed



S. No	Applicant	Title of Invention	Inventor (s)	Department	Patent Application number	Date of filing of Complete Application
1	QUANTUM UNIVERSITY	IMPLEMENTATION METHOD FOR LEAN MANUFACTURING USING QUALITATIVE FLEXIBLE SYSTEM	Gulshan Chauhan	Mechanical	201811016650	02/05/2018
2	QUANTUM UNIVERSITY	EXHAUST HEAT RECOVERY DEVICE	Gulshan Chauhan Viral Chauhan	Mechanical	201811030428	13/08/2018
3	QUANTUM UNIVERSITY	ACTUATION SYSTEM FOR LIFTING MECHANISMS	Ankur Jain M. Kannan. Akshay Kr.Rana, Amit Ankit Panwar, Sourav Chaudhary	Mechanical	201811030427	13/08/2018
4	QUANTUM UNIVERSITY	HYDRAULICALLY ACTUATED ACTIVE SUSPENSION SYSTEM	Ankur Jain Gulshan Chauhan, Ayush Tyagi, Gourav Saini Kunal Chauhan	Mechanical	201811030426	13/08/2018
5	QUANTUM UNIVERSITY	ELECTROCHEMICAL DRILLING DEVICE	Vivek Kumar Sharma , Gulshan Chauhan, M. Kannan Abhishek Kumar Jitendra Rana, Bhanu Chauhan Krishan Kumar Student	Mechanical	201811030430	13/08/2018
6	QUANTUM UNIVERSITY	DIGITAL DEVICE FOR MEASURING DIMENSIONS	Raunak Gupta Gulshan Chauhan Manish Saini, Sahil Jasrotia Shubham Sonu Kumar	Mechanical & Mechatronics Engineering	201811030432	13/08/2018



7	QUANTUM UNIVERSITY	SOLAR POWERED AUTONOMOUS VEHICLE"	Mohd Vaseem. Gulshan Chauhan Rajneesh Raghav M. Kannan Chanderkant Vaid	Mechanical & Mechatronics Engineering	201811030434	Processed
8	QUANTUM UNIVERSITY	SYSTEM FOR CONTROLLING AIRCRAFTS	Mohd Vaseem Gulshan Chauhan Kumar Satyam Abhishek Gupta Aman Kumar	Mechanical	201811030433	Processed
9	QUANTUM UNIVERSITY	Slotting Machine	Mohd Vaseem Gulshan Chauhan Mohd Jarrar Chanderkant Kaushik Karan	Mechanical	201811030429	13/08/2018
10	QUANTUM UNIVERSITY	AUTOMATIC VEHICLE LOCKING SYSTEM AND PROCESS THEREOF"	Satender Kumar 2. Mitender Kumar 3. Kriti Singh Kushwaha	Computer Science & Engineering	201811030431	13/08/2018
11	QUANTUM UNIVERSITY	UNMANNED AERIAL VEHICLE	Guru Prabhat Nishant Singhal Mohd. Shahrukh Moin Khan Ayushi Sharma	Mechatronics, Electrical and Computer Science	201811030425	13/08/2018
12	QUANTUM UNIVERSITY	GOCART	M. Kannan Gulshan Chauhan Vivek Kumar Sharma Kaushik Karan Dipendra Bista Devendra Sharma Ahraz Tyagi Shubham Tyagi	Mechanical	Design 308781	14/08/2018

Eleven (11) Patents are under filing process.



D3- Detail of National Level Seminars Organized

Table 18: National Level Seminar/Conferences/Awareness Camp

S.No.	Title	Sponsored By	Dates	Organized By
1	IEEE Robotics and Automation Congress 2018	IEEE	20-21.09.18	Quantum School of Technology
2	Prudence 2018	Quantum University	13.10.18	Quantum School of Business
3	TIMES 2018	Quantum University	05-06.10.18	Mechanical Engg
4	Conference on Agriculture	Quantum University	12-13.10.18	Department of Agriculture Studies
5	Entrepreneur Awareness Camp (EAC)	EDI-GOI Gandhi Nagar	Ended on 25.02.19	Quantum School of Technology

D4-Faculty Development Program

Table 19: Faculty Development Program Held in University (2018-19)

Name of the Faculty	Type of Program (Professional Development Programmes, Orientation/Induction Programmes, Refresher Course, Short Term Course)	Duration (in No. of days)	Start Date	End Date	Name of the Organising Institution
RAM PRAKASH SRIVASTAVA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
N. MURUGALATHA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
JAVED AHMED KHAN	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
DIVYA RAWAT	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
SACHIN CHAUHAN	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
PRADEEP JOSHI	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
ROHIT KUSHWAHA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
PUSHPENDER SINGH	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
RAJEEV KUMAR RANJAN	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
ANSHUL SHARMA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
KARAN BABBAR	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
HIMANSHU KANDPAL	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee



MAYUR SRIVASTAVA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
SATENDER KUMAR	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
VIVEK KUMAR	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
AMIT DIXIT	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
ALOK PARSAD	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
NEETA SHARMA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
VAIBHAV GUPTA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
V.K GOEL	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
GULSHAN CHAUHAN	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
AVADHESH KUMAR KHARE	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
SONAM SETHI	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
ROBIN	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
ASHOK KUMAR SETH	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
RAKHI SHARMA	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
RENU CHOUDHARY	Faculty Development Program	5	7/23/2018	7/27/2018	Quantum University Roorkee
M.KANANAN	Short Term Course	120	01/00/2019	04/00/2019	NPTEL
MITENDER KUMAR	Short Term Course	45	06/15/2018	07/30/2018	UDEMY
ANOOP BADONI	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
ARVIND MALIK	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
CHHAYA SHARMA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
RAVI KUMAR	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
ROHIT BHATI	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
SHWETA SEN	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education



					Promotional Society, New Delhi
VINOD KUMAR MISHRA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
DARSHIKA NIGAM	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
SALONI ARORA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
KRISHNA KUMAR PANDE	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
SHIVANSHU MALVIYA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
AMIT SAINI	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
VINAY PAL SINGH	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
ADITI SHARMA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
VISHAL VIG JRF	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
ANKUR JAIN	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
MUKESH KUMAR	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
SURINDER KUMAR	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
RAVI SHANKAR UPADHYAYA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
SOUMYA MOHAN SHARMA	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education



					Promotional Society, New Delhi
RAVI DEVAL	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi
NAVEEN RAWAT	Faculty Development Program	8	5-27-2019	6-3-2019	Sunrise Technical Education Promotional Society, New Delhi

D5-Details of Workshops Conducted and Attended

Table 20: Workshop Organized /Conducted for Students and Faculty (2018-19)

S.No.	Workshop Topic	Department/Club/Society	SPOC	Date
1	How To Analyze The Case Study	Management Department	Dr. Amit Saini	01.09.2018
2	Music	Cultural Society	Saurabh Khotiyan	01.09.2018
3	Entrepreneurship Awareness Camp	Me Deptt (Technology Dept)	M. Kannan	30.08.2018
4	Workshop On Grafting Techniques In Mango Plant And Food Processing (Jam Preparation)	School Of Agricultural Studies	Mr. Vivek Ujjwal	30.08.2018
5	Q-Talk Presentation(It Is Not Important To Speak In English)	Quantum School Of Business	Mr.Deepak Singhal	12.09.2018
6	Workshop On Carving Art	School Of Hospitality &Tourism	Mr. Naveen Rana	15.09.2018
7	Entrepreneurship Awareness Camp	Me Deptt	M. Kannan	13.09.2018
8	Calligraphy Workshop	Literary Society	Neeta Sharma	01.09.2018
9	Technical Session On Himalayan Geology	Department Of Civil &Petroleum Engineering	Ms. Shilpi Gupta	22.09.2018
10	E- Commerce Web Site Development	TechproClub	Mr. Satender	06.10.2018
11	Outbound Learning Program	Management Department	Dr. Pradeep Joshi	11.10.2018
12	Entrepreneurship Awareness Camp	Me Deptt	M. Kannan	15.10.2018
13	Blood Collection And Related Tests	Quantum School Of Health Science	Saloni Arora	17.10.2018
14	Workshop On Bridge Design	Department Of Civil &Petroleum Engineering	Mr. Karan Babbar	22.10.2018



15	World Radiography Day	Quantum School Of Health Science	Abhilasha Verma, Saloni Arora	01.11.2018
16	Workshop On Culinary Art	School Of Hospitality And Tourism	Faculty Of Hotel Management	03.11.2018
17	Engine Disassembly & Assembly	Mechanical &MTE / Agni & Impulse Club	MrM.Kannan & Mr.Vivek Kumar Sharma	17.11.2018
18	Python Workshop Session	Techpro Club	Techpro Club Team Members	21.11.2018
19	Outbound Learning Program	Management Department	Dr. Sachin Chauhan	19.11.2018
20	Wordpress Workshop Session	TechproClub	TechproClub Team Members	28.11.2018
21	Food Production Practical	School Of Hospitality And Tourism	Faculty Of Hotel Management	25.01.2019
22	Workshop On Hotel Communication Skills-I	School Of Hospitality And Tourism	Faculty Of Hotel Management	25.01.2019
23	Workshop On Hotel Communication Skills-II	School Of Hospitality And Tourism	Faculty Of Hotel Management	02.02.2019
24	Reporting Assignment	School Of Mass Media Studies	Faculty Of Business School	02.02.2019
25	World Leprosy Day	Quantum School Of Health Science	Saloni Arora	31.01.2019
26	Workshop On Assembly & Disassembly Of Lathe Machine Parts And Introduction Of Under Fabrication Go-Kart Vehicle	Mechanical Engineering/ Impulse Club	Mr. M. Kannan/ Mr Vivek Kumar Sharma	02.02.2019
27	Industrial Automation	Mechanical & Mechatronics Engineering	M. Kannan/ Mr Mukesh Kumar/Mr. Raunak Gupta	02.02.2019
28	Workshop On Fabrication Of Water Rocket	Mechanical Engineering/ Impulse Club	Mr. M. Kannan/ Mr Vivek Kumar Sharma &Mr. Surinder Kumar	09.02.2019
29	Session On How To Start A Venture (Start-Up)	Management Department	Dr. Amit Saini	29.01.2019
30	Workshop On Fabrication Of Water Rocket	Mechanical Engineering/ Impulse Club	Mr. M. Kannan/ Mr Vivek Kumar Sharma &Mr. Surinder Kumar	09.02.2019



31	Orientation Program	School Of Agricultural Studies	Dr.N.Murugalatha	29.01.2019
32	Club Activity	School Of Agricultural Studies	Dr.N.Murugalatha , Dr. R.P.Srivastava& Mr. Vivak Ujjwal	02.02.2019
33	Workshop On Italian Cuisine	School Of Hospitality And Tourism	Faculty Of Hotel Management	15.02.2019
34	Indian Cuisine	School Of Hospitality And Tourism	Faculty Of Hotel Management	15.02.2019
35	Workshop On TIG &MIG Welding	Mechanical Engineering/ Impulse Club	Mr. M. Kannan/ Mr Vivek Kumar Sharma &Mr. Surinder Kumar	16.02.2019
36	"Digital Marketing" Workshop	Techpro Club	Deptt Coordinator- Cse	16.02.2019
37	"Digital Marketing" Workshop	Techpro Club	Deptt Coordinator- Cse	16.02.2019
38	Session On Analysis Of Financial Statement	Management Department	Dr. Amit Saini	27.02.2019
39	Entrepreneurship Awareness Camp (IVth)	Mechanical Engineering	Mr. M. Kannan	21.02.2019
40	Entrepreneurship Awareness Camp (Vth)	Mechanical Engineering	Mr. M. Kannan	25.02.2019
41	Workshop On Mixology	School Of Hospitality And Tourism	Faculty Of Hotel Management	02.03.2019
42	Ethical Hacking	Techpro Club	Mr.Satender Kumar	23.02.2019
43	Survey Camp	Department Of Civil & Petroleum Engineering	Mr. Karan Babbar	07.01.2019
44	How To Develop A Model Through Regression Equation	Management Department	Dr. Amit Saini	26.03.2019
45	Indian Cuisine	School Of Hospitality And Tourism	Faculty Of Hotel Management	29.03.2019
46	Preliminary Round For Budding Chef Competition	School Of Hospitality And Tourism	Faculty Of Hotel Management	28.03.2019
47	Big Data Using Hadoop	CSE Department	Mr. Satender Kumar	27.03.2019
48	Continental Cuisine	School Of Hospitality And Tourism	Faculty Of Hotel Management	30.03.2019
49	Design And Fabrication Of Gear	Mechanical And Mechatronics Engineering Department	Mr. M. Kannan	30.03.2019



50	Continental Cuisine	School Of Hospitality And Tourism	Faculty Of Hotel Management	13.04.2019
51	Web Designing & Development Using Bootstrap And PHP	CSE Department	Mr. Satender Kumar	22.04.2019

Table 21: Workshop Attended outside by Faculty Members

S. No	Faculty Name	Deptt.	Start Date	End Date	Topic	Organized by	Funded by
1	Dr. Robin	Maths	07.06.2018	07.08.2018	Effect of Structured damping on natural frequencies of isotropic & orthotropic rectangular plates	JECRC University	QU
2	Mr. Kamal Kant	MGM T	10.06.2018	10.06.2018	Sustainability	IIM Kashipur	QU
3	Mr. Rishi Sharma	CSE	08.10.2018	14.10.2018	ORACLE Trainers	Oracle Inc New Delhi	QU
4	Dr. Rajeev Ranjan	Mgmt	07.12.2018	08.12.2018	Global Business Environment	IMI Bhubaneswar	QU
5	Mrs. Priyanshu Arya	ECE	26.4.2019	28.4.2019	FDP on VLSI Testing	Electronics & ICT Academy, IIT Roorkee	QU
6	Dr. Rajeev Ranjan	Mgmt	30.12.2018	2.01.2019	International Business	IIT Roorkee	QU
7	Dr. Sachin Chauhan	Mgmt	26.4.2019	26.4.2019	Changing Global Mgmt Practices	IIMT	QU
8	Dr. Robin	Maths	05.06.2019	11.06.2019	Advanced Numerical Techniques And Its Applications	Graphic Era Hill University	QU



9	Alok Negi	CSE	10.06.2019	14.06.2019	Java Programming	Oracle & ICT Academy	QU
10	Himanshu Tyagi	CSE	10.06.2019	14.06.2019	Data Science and Big Data Analytics	ICT Academy	QU

D6-Details of Guest and Invited Lecture Organized

Table 22: Guest and Invited Lectures Organized

S.No.	Department	Date	Title	Resource Person	Affiliation
1	Management Department	29.08.2018	Competencies of private and public sector banks	Mr. S. P. Singh	Ex- AGM(Punjab National Bank)
2	Technical Club "Spark"	13.08.2018	Mobile Communication 5G	Er. Anuj Sharma	5G Expert USA
3	Applied Sciences & Humanities	18.08.2018	Motivational Talk on "Stress & Excellence"	Dr. Navneet Arora	Professor, Dept. of Mechanical & Industrial Engineering, IIT Roorkee
4	Applied Sciences & Humanities	20.08.2018	Guest Lecture on "Cyber Security"	Mr. Rakshit Tandon	Cyber security expert of national and international repute
5	School of Agricultural Studies	24.08.2018	Importance of Agriculture in Industry	Mr. Harshvardhan Chauhan	Senior Field Trial Manager, Parijat Ind. Pvt. Ltd., New Delhi
6	Management Department	29.08.2018	Competencies of private and public sector banks	Mr.S.P.Singh	Ex- AGM(Punjab National Bank)
7	Applied Sciences & Humanities Dept.	07.09.2018	Lecture Presentation on Vedic Maths	Mr.Guru Prabhat	Quantum University
8	DEEPRO (Mangement Department)	18.09.2018	Importance of HRM	Mr. D. P. Sharma	Sr. Manager, HRM, Caparo Maruti Limited
9	Management Department	19.09.2018	Retail Management	Mr. Mandeep Bhasin	Store Manager, Vishal Mega Mart, Jaipur
10	Management Department	01.10.2018	How to Prepare for Corporate World	Ms. Abha Arya	HR Executive, SAM Manpower and Career Services



11	School of Hospitality and Tourism	06.10.2018	Seminar and workshop on Gastronomy Art	Chef Sudhir Sibbal	Vice President Of ITDC
12	Management Department	13.11.2018	Session on Logical Reasoning	Mr. Ankur Kukreti	Quantum University
13	Mechanical Engineering/ AGNI & Impulse Club.	24.11.2018	Product Design & Development.	Mr. M. Kana	Quantum School of Technology
14	School of Mass media studies	01.02.2019	Lecture on "Media management and its concept"	Dr. Mukesh Bora	Head of the department in Uttaranchal University
15	Management Department	28.01.2019	Leanings and outcomes of 1st Semester	Dr. S.K. Pant	Ex- Delhi University
16	Management Department	13.02.2019	Caselet discussion	Dr. Rajeev Jain	Amity University, Lucknow
17	Management Department	04.02.2019	Debate on skills development is the need of 21th century	Mr. Shyam Singh Chauhan	Quantum University
18	Management Department	14.02.2019	Extempore	Dr. Rohit Kushwha	Quantum University
19	Management Department	18.02.2019	Just a minute [JAM]	Dr. Rohit Kushwha	Quantum University
20	Management Department	20.02.2019	Telephonic Role play	Dr. Rohit Kushwha	Quantum University
21	Mechanical Engineering	16.02.2019	Interaction and experience sharing with Students	Mr. Ankur Kumar Sharowh a (B.Tech ME 2010-14 batch)	Quantum School of Technology
22	Management Department	22.02.2019	Role of Group Discussion in the selection process.	Dr. Rohit Kushwha	Quantum University
23	Department of Civil & Petroleum Engineering	16.02.2019	SMART CITY EVENT	Dr. Rohit Kushwha	Quantum University



24	Management Department	05.03.2019	Review of Attendance	Dr. Rohit Kushwha	Quantum University
25	Mechanical Engineering	12.03.2019	An Overview of Gear Design	Dr A.K.Khar e	Advisor Quantum University
26	Mechanical Engineering	26.04.2019	Space Robots	Dr Pushpara j Mani Pathak	IIT Roorkee
27	Department of Civil & Petroleum Engineering	26.04.2019	SMART CITY EVENT	Mr Sagar Pratap Singh	Quantum University

D7-Details of Industrial Visits

Table 23: Industrial Visits for Students (2018-2019)

S.No.	Department	SPOC	Date	Place
1	School Of Hospitality And Tourism	Mr. Gaurav Mamgain& Mr. Deepak Rawat	29.08.2018	Industry Visit At Radisson Blue, Haridwar
2	Applied Sciences & Humanities Dept	Neeta Sharma	28.08.2018	Industrial Visit To CSIR-CBRI, Roorkee
3	Health Science	Saloni Arora And Divya Rawat	23.08.2018	Synergy Hospitals
4	Department Of Civil & Petroleum Engineering	Mr. Karan Babbar	06.09.2018	Education Tour Tolip, Dehradun
5	Mechanical & Mechatronics Department	Mr. Rajneesh Raghav Mr. Ankit Sharma	21.08.2018	Industrial Visit To "Ambuja Cement Ltd.", Sikandrapur
6	Applied Sciences & Humanities	Neeta Sharma	23.08.2018	Industry Visit At BSNL -Northern Telecom Region (Optical Fibre Division), Saharanpur
7	Applied Sciences & Humanities Dept	Neeta Sharma	24.08.2018	Industrial Visit To Ginni Filaments Ltd. Sidcul, Haridwar.
8	Department Of Civil & Petroleum Engineering	Mr. Karan Babbar	07.09.2018	Educational Tour ToCbri Roorkee



9	Mechanical Engineering	M. Kannan	08.09.2018	Unitech Machine Ltd
10	Deepro (Mangement Department)	Mr. Jai Sharma	07.09.2018	Introduction To Securities And Investment at SEBI, Dehradun
11	Agriculture Department	Ankush Singh	10.09.2018	Visit Of Agrometerological Observatory
12	Management Department	Mr. Lehari Singh Chauhan	10.09.2018	Industrial Visit To SEBI Dehradun
13	Agriculture	Ankush Singh	11.09.2018	Visit Of Agrometerological Observatory
14	Agriculture	Mr. Vinay Chamoli	11.09.2018	Visit Of Market
15	Management Department	Dr. Amit Saini	11.09.2018	Visit of SEBI Dehradun
16	School Of Agricultural Studies	Dr. N. Murugalatha	17.09.2018	Industrial Visit To Centre For Aromatic Plants, Dehradun
17	Management Department	Dr. Sachin Chauhan	21.09.2018	Supply Chain Management
18	School Of Agricultural Studies	Dr. N. Murugalatha	28.09.2018	KVK- Soil Testing Unit
19	Department Of Civil & Petroleum Engineering	Mr. Jay Sharma	04.10.2018	Industrial Visit To Everest Pvt. Ltd., Bhagwanpur
20	Management Department	Dr. Amit Saini	03.10.2018	Industrial Visit To SEBI, Dehradun
21	Quantum School Of Health Science	Abhilasha Verma	13.10.2018	Hospital Visit
22	School Of Agricultural Studies	Ms. RupanRaghuvansi	24.10.2018	Krishi Utpadan Mandi Samiti, Saharanpur
23	School Of Agricultural Studies	Dr. N. Murugalatha	16.11.2018	Food Processing Unit
24	School Of Hospitality And Tourism	Faculty Of Hotel Management	09.02.2019	Industrial Visit To Hotel Regenta & Hotel Ramada Dehradun
25	School Of Hospitality And Tourism	Faculty Of Hotel Management	09.02.2019	Industrial Visit To Hotel Regenta



26	School Of Agricultural Studies	Dr.N.Murugalatha	13.02.2019	Visit Of Agricultural Cooperative Bank And Societies
27	School Of Agricultural Studies	Dr.N.Murugalatha	14.02.2019	Visit Of Agricultural Cooperative Bank And Societies
28	School Of Agricultural Studies	Mr. Mohit	08.02.2019	Industrial Visit To Company Garden
29	School Of Agricultural Studies	Mr. Mohit	09.02.2019	Industrial Visit To Nursery
30	Department Of Civil & Petroleum Engineering	Mr. Himanshu Kandpal & Dr. Hitesh Upreti	19.02.2019	Industrial Visit
31	Spark: EE& EE Department	SumitKataria & Pushkar Kumar	18.02.2019	Generation Of Electricity In Power Station
32	Management Department	Dr. Amit Saini	18.03.2019	Importance Of Marketing In Coverage Of Large Market Share
33	Computer Science And Engineering	Mr. Satender Kumar	08.03.2019	Industrial Visit AtCynoteck Technology, Dehradun
34	Management Department	Dr. Amit Saini	15.04.2019	Industrial Visit AtFinolex Company, Jhabreda, Roorkee



Annual Report (2018-19)

Part E- Major Mile Stone Achieved in 2018-19

- E1- Fully Functional ERP for University (2018-19)**
- E2- Fully Functional Automated Examination System (2018-19)**
- E3-Skilled Based Teaching Learning Process (2018-19)**
- E4- Two Phase of Summer Semester (2018-19)**
- E5-Implementing Minor Program (Inter Disciplinary Approach)**
- E6-Implementing Passion Programs (PROPs)**
- E7-Implementing Value Added Program**
- E8-Implementing Industry Oriented Trainings and Certification**
- E9-Industry New Tie-ups (2018-19)**
- E10-Implementation of Press Club**
- E11- Implementation of Student's Handbook**
- E12- Successfully Conducted Statuary and functional bodies meetings as per ACT, Statues and Ordinance**



Major Milestone achieved in 2018-19

To achieve vision of the university and to implement procedure of 'Academic Ordinance', Quantum University has able to achieve following milestone

E1-Fully Functional ERP for University (2018-19)

Features

- A. Admission Enquiry to Admission Management System
- B. Admission to registration, course and credit allocations, promotions and change of Branch or program System
- C. Student Data and Student Dashboard with features of LMS
- D. Teaching Learning Process execution, control and Faculty Dashboard
- E. Course Progress and Teaching Material Uploading features
- F. Time Table and alternative class Management
- G. Attendance and Leave Management System for students and faculty members
- H. Internal Examination with all components
- I. External Examination with form filling to grade sheet, additional features of coding and secrecy in evaluation process, dual uploading of marks, statistical analysis of grades and handling debarred and supplementary examination
- J. Result Tabulation and Publishing / Gradesheet/ Marksheet/ Migration/graduation exit system
- K. Fee management system
- L. Student Grievances and problem solving System (QPSS)
- M. Hostel Management and transportation management system
- N. Feedback and reporting to various level of university system for faculty, students, parents and industry.

E2- Fully Functional Automated Examination System (2018-19)

Features

- A. Attendance Management System is capable to monitor and report of attendance of students in effective implementation of attendance criteria laid down in "Academic Ordinance".
- B. Online process for students and staff for timely submission of 'Examination Form'
- C. Fully Automated Randomized Intelligent Question Paper Generation System successfully implemented. It ensures fairness and transparency of question papers generations for examinations.
- D. Portal for conducting quizzes online in practical courses.
- E. Fully automated Examination Conduction System leads to 'less paper less time' work for effective and secret execution of confidential tasks.



- F. Coding of answer books on computer coded random number generation method, which is foolproof method of coding is implemented in exams from day one.
- G. Central Evaluation Method under supervision of one expert and a checker is implemented.
- H. Double blind marks uploading in computer for coded sheets only leads of very dim chances of key in error in uploading the marks.
- I. Encoding of Answer sheets is in computer leaves no chance of malpractices.
- J. Automatic Grade calculations (both for normal cases or statistically moderated) as per academic regulations
- K. Formation Board of Examination and regular conducting of its meeting to resolve issues, policy decision for effective implementation of Academic Regulations.
- L. Formation of Examination Manual containing SOPs and Formats
- M. Students dash board posting of error free result for fast declaration of result.

In 2018-19, around 23 cases were requested for copy rechecking and scrutiny. None was found faulty.

E3-Skilled Based Teaching Learning Process (2018-19)

Features

- A. Skill trainings beyond the syllabus
 - B. Flipped Classes
 - C. Minor Projects
 - D. Industrial Trainings at in Campus and Off Campus By Industry Associates
 - E. International Certifications in campus like Microsoft, google, oracle, SAP and Salesforce
- Link to industry for industrial visits and practical on hand trainings

E4- Summer Semester (2018-19)

Provision of Extra Summer Semester Conducted successfully for weak students

Table 24 : BackPaper Exam Result (Summer Semester Phase 1)

Facts	Total Numbers of Instances
Total instances applied	794 (DB = 238, F = 556)
Total Appeared for exam	725 (DB = 216, F = 509)
Total passed	512 (DB = 171, F = 341)
Pass % of DB = 79%, Pass % of Failed in Sem1 Exam = 67% (Overall % = 70.6%)	



Status: Course of Study is completed and Examinations going on (at the time writing this report)

Table 25: Student Enrollment For (Summer Semester Phase 2)

Facts	Total Numbers of Instances
Total instances applied for appearing Summer Semester Phase 2	359
Total Appeared for Phase 2 Supplementary exam	306
Total passed	Not Yet declared

E5-Implementing Minor Program (Inter Disciplinary Approach)

- A. Successfully implemented seven Minor programs
- B. 2nd semester Minor Program is designed on the bases of skill development and Industrial Interactions
- C. Some minor programs led to International Reputed Certifications of CRM Salesforce, Google and Oracle and Microsoft

Table 26: LIST OF MINOR PROGRAMS

S. No.	Name of Minors	Number of students opted for Minor (Chosen by 1 st year students of three year programs)
1	Microsoft Certified MS-Office ; MCS3	72
2	Media Management; MJM1	44
3	Foreign Languages (French / German) ; MEG1	36
4	Entrepreneurship & Startups; MBM1	31
5	Data Analytics; MCS2	29
6	Culinary Art; MHM1	27
7	Web Designing; MCS1	15
TOTAL		254

Table 27: Courses Planned in Various Minors (2018-19)

Minor Name	Department (Offering)	One	Two	Three	Four	Five	Six
Web Designing	Computer Science and Engineering	HTML5	CSS3 & Bootstrap	Java Script	Web Designing Concepts	J Query & Databases	Word Press & CMS



Data Analytics	Management + CSE	Mining and Analysis of Big data	SPSS	Big Data Analytics: HDO OP Framework	Data Visualization & Machine Learning Models	Data Science Models	R - Programming
Entrepreneurship & Startups	Business & Management	Business Startup	Marketing and Business Environment	HRM	Finance	E-commerce	start-up Schemes and project Preparation
Media Management	Journalism	Print Journalism	Report & Editing	Photo Journalism	PR- Advertisement	Media industry and Management	Specialized Journalism
Culinary Art	Hospitality & Tourism	Indian Cuisine	Continental Cuisine	Chinese Cuisine	Thai Cuisine	Italian Cuisine	Mexican Cuisine
Foreign Languages (French)	English	French, Beginner A1	Elementary A2	Intermediate B1	Upper Intermediate B2	Advanced C1	Master C2
Microsoft Certified MS-Office	Computer Science and Engineering	Microsoft Office Specialist (MSO-Word)	MS-Excel Basics	MS - Excel (Advanced) MSO Certification	PPT Basics	MSO Access Certification	Share Point Server Certification

E6-Implementing Passion Programs (PROPs)

- A. First Three Semester Long Program
- B. Resource Persons like Expert from outside, Coaches, Faculty Members, Sr. Students; conducted workshop every week in every PROP
- C. Incorporated concept of minimum two minor activity throughout the semester and one major activity by every student in a year



D. Students participated in Inter University Youth Festivals, Inter State and National level competitions

E. Developed computer aided evaluation system for PROPs

Table 28: Student's Enrollment List of PROPs Faculty Coordinator

PROPs	Code	Society/Club	PROPs Faculty Coordinator*	No of Students Enrolled
Gardening	PR3101	Agriculture Society	Mr. Mohit	52
Photography	PR3102	Creative Society	Mr. Paras Negi	56
Press Club	PR3103		Mr. Rohan Tyagi	12
Creative Art	PR3104		Ms. Shivani Kasyap	18
Music	PR3105		Cultural Society	Mr. Sumit Kumar
Theatre	PR3106	Mrs. Neetu Saini		23
Dance	PR3107	Ms. Gurmeet Kaur		36
Corporate Resource Centre	PR3108	DEEPRO	Mr. Jay Sharma	28
Debate	PR3109	Literary Society	Mrs. Neeta Sharma	39
Q-Talks & Q-Write	PR3110		Mr. Deepak Singhal	
Innovation and Start-up	PR3111	Management Club	Dr. Rajeev Ranjan	29
Community Service	PR3112	Pahal	Mr. Saurav Sharma	22
		Sports		
Sports	PR3113	Basket Ball	Mr. Mitender Kumar	318
	PR3114	Table Tennis	Mrs. Divya Rawat	
	PR3115	Badminton	Er. Rajneesh Tamta	
	PR3116	Lawn Tennis	Mr. Mitender Kumar	
	PR3117	Chess	Mr. Ankur kukreti	
	PR3118	Carrom	Er. Manish Mittal	
	PR3119	Kabbadi	Mr. Tarun Nehra	
	PR3120	Volleyball	Mr. Vipin Saini	
	PR3121	Football	Er. Shahnawaz Alam	
	PR3122	Taekwondo	Ms. Ritika Rawat	
	PR3123	Track event	Mr. Abhishek Agarwal	



	PR3124	Cricket	Er. Sumit kataria	
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E7-Implementing Value Added Program

- A. Value Added Program I successfully operated after ‘need based’ assessment level for proficiency in English for enhancing skills in speaking and writing skills for all under graduate students of the University.
- B. Planned for VAP II-English Proficiency level as per ‘Common European Framework of Reference for Languages (CEFR)’. The CEFR has six levels from beginner (A1) to very advanced (C2) in Listening, Writing, Speaking and Thinking cognitive learning.
- C. VAP is embedded in Cambridge Assessment English portal for global recognition. Students will be using international portal for practices and certification.
- D. Implementing Industry Oriented Trainings and Certification

E8-Implementing Industry Oriented Trainings and Certification (VACs)

Beyond the classroom training, students are inducted to following training (2018-19) from industry partners up to project development level

Table 29: Training Beyond the Class rooms

S.No.	Name of School	Training Domains
1.	Quantum School of Business	Excel, Advance Excel, SAP, NSC-SEBI operation, Tally, Salesforce
2.	Quantum School of Technology	C++, ORACLE, AWS, Advance JAVA CMS, Cloud Computing, Python, Google Analytics, 2-D CAD, 3-D CAD, Solid Works, Petral, AutocadPNIV, Rivit, Autocad Survey, Stadpro, Stadpro Advanced, Python using GIS
3.	Quantum School of Agriculture Studies	Mushroom Culture, Vertical Farming, Soil Testing, Vertical Farming, Micro green cultivations, Horticulture, Apiculture, Agriculture Market place, Micro finance
4.	Quantum School of Health Sciences	X-rays and Ultrasound Scanning at Synergy Hospital Dehradun

E9-Industry New Tie-ups (2018-19)

Table 29: MoU signed with following Agency in 2018-19

S.No.	Company	Domain	Purpose
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1.	Ashok Leyland, Rudrapur	Automobile and Manufacturing Technology	B.Voc program
2.	Om Logistics and Supply Chain Management	Logistics and Supply Chain Management	B.Voc program, internships for BBA and MBA
3.	Oracle Inc, USA	Database Management	Software, Training, FDP Certification
4.	Salesforce Inc, Singapore	CRM	Software, Training, FDP Certification
5.	Palo Alto, USA	Cyber Security	Software, Training, FDP Certification
6.	Microsoft, Microsoft, HP, Adobe, Autodesk, Google via Certiport, USA	Testing and Certification	Testing and Certification
7.	ICT Academy, INDIA	ICT	Software, Training, FDP, Seminars and alliances
8.	Tribhuvan University, Nepal	University	Mutual recognition, faculty and student exchange
9.	SEBI, INDIA	Stock Exchange	Training and Testing
10.	Xebia Academy, Netherland	Agile, Digital Transformation, AI & ML	B.Tech. (AI &ML) program collaborator
11.	Tech Mahindra	Cyber Security	Placements Assurance
12.	Cambridge Learning , UK	Language	Value added Program

E10-Implementation of Press Club

Press club is developed to cover and record (documentation) all activities of the University related to students and faculty members.

E11- Implementation of Student's Handbook

Implemented student's Handbook 18 with all its features, rules and formats required by a student of Quantum University.

E12- Conducted Statuary and functional bodies meetings as per ACT, Statues and Ordinance

Table 30: Details of Conducted Board of Studies (BOS), Board of Faculty (BOF), Academic Council, Board of Examination (BOE), Finance Committee (FC), Board of Management (BOM) and Board of Governors (BOG) Meetings (2018-19)

S. No.	Program Name	1 st BOS	1 st BOF	1 st AC
1	Bachelor of Technology in Computer Science & Engineering	03-03-18	05-06-18	11-06-18



2	Master of Technology in Computer Science & Engineering	03-03-18	05-06-18	11-06-18
3	Bachelor of Technology in Mechanical Engineering	24-03-18	05-06-18	11-06-18
4	Master of Technology in Thermal Engineering	24-03-18	05-06-18	11-06-18
5	Bachelor of Technology in Civil Engineering	31-03-18	05-06-18	11-06-18
6	Master of Technology in Structural Engineering	31-03-18	05-06-18	11-06-18
7	Bachelor of Computer Applications	03-03-18	05-06-18	11-06-18
8	Master of Computer Applications	03-03-18	05-06-18	11-06-18
9	Bachelor of Business Administration	05-04-18	07-06-18	11-06-18
10	Master of Business Administration	05-04-18	07-06-18	11-06-18
11	Bachelor of Commerce	05-04-18	07-06-18	11-06-18
12	Bachelor of Arts (Hons) in Economics	03-03-18	07-06-18	11-06-18
13	Bachelor of Science (Hons) in Chemistry	31-03-18	07-06-18	11-06-18
14	Bachelor of Science (Hons) in Mathematics	31-03-18	07-06-18	11-06-18
15	Bachelor of Science (Hons) in Physics	31-03-18	07-06-18	11-06-18
16	Bachelor of Science (Hons) in Agriculture	31-03-18	07-06-18	11-06-18
17	Bachelor of Arts (Hons) in Journalism and Mass Communication	01-03-18	07-06-18	11-06-18
18	Bachelor of Science in Medical Radiology and Imaging Technology	12-05-18	06-06-18	11-06-18
19	Diploma in Pharmacy	12-05-18	06-06-18	11-06-18
20	Bachelor of Science in Nutrition and Dietetics	12-05-18	06-06-18	11-06-18
21	Bachelor of Hotel Management	02-06-18	07-06-18	11-06-18

S. No.	Name of the Meeting	Date of 1 st Meeting	Date of 2 nd Meeting	Date of 3 rd Meeting
1	Board of Governor	02/06/2018	25/07/2018	10/08/2019
2	Board of Management	23/06/2018	13/07/2019	-
3	Academic Council	11/06/2018	13/07/2019	-
4	Finance Committee	19/06/2018	01/06/2019	-
5	Board of Examination	14/01/2019	26/06/2019	-



6	University Academic Committee	18/07/2018, 21/08/2018, 21/10/2018	20/12/2018, 05/02/2019, 28/02/2019	04/04/2019, 18/07/2019, 18/09/2019
7	University Research Board	17/09/2018	19/02/2019	03/09/2019



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Part F- Extra Curricular Activities



Table 31: Extra Curriculum Activities (2018-19)

S.No.	Event	Type	Chief Guest	Date
1	Orientation Program-18	Orientation of Students Total Events-08	Founder President, LMD	18 to 21.08.18
2	Abhivyakti-18	Literary Fest organized by Literary Society	Various Judges	26 to 27.10.2018
3	Kavyanjali-18	The Kavi Sammelan	Hon K.N Tripathi Governor of WB	28.10.2018
4	Dharohar-Glitz-19	Events showcases cultural elements in students Total Events - 6	Mr. Mahesh Sharma, CEO Career 360	05.04.2019
5	Dharohar-Edge-19	Event for showcasing engineering models and applications by students - Total Events 15	Dr. Doval , Doon University, Dehradun as Judge	05.4.2019
6	Dharohar- Ojas-19	Events related business, social discourse and national issues. Total Events - 10	Mr. M. Srivastava, GM- Quality Mahindra Motors, Haridwar	06.04.2019
7	Dharohar - Odaan-19	Sports Events Total Events -15	Mrs. & Air Marshal (Rtd) PK Roy	04.04.2019
8	Star Night	Musical Extravaganza performed by Famous Singers of Bollywood	NIL	06.04.2019



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Part G- Academic Results



Table 32: Over all Result (Session 2018-19)

Year 1						
S.No.	Program	Year	Total Student	Pass	Promoted with Carry Over	Fail
1	B.Tech	1	158	42	105	11
2	BCA	1	45	19	22	4
3	Diploma	1	87	14	54	19
4	B.Sc(Physics)	1	5	1	4	0
5	B.Sc(Chemistry)	1	4	1	3	0
6	B.Sc(Maths)	1	11	7	3	1
7	MBA	1	21	4	17	0
8	B.Sc(Nutrition & Dietetics)	1	17	12	5	0
9	B.Sc(Radiology)	1	29	13	13	3
10	BHM	1	22	13	7	2
11	B.Sc(Agriculture)	1	183	59	117	7
12	BBA	1	87	27	51	9
13	B.Com	1	72	38	28	6
14	B.A. Eco	1	5	4	1	0
15	BJMC	1	25	3	20	2
16	D.Pharma	1	57	27	14	16
17	M.Tech	1	6	6	0	0
18	CHM	1	8	0	8	0
19	BVOC 1	1	175	131	44	0
20	BVOC2					
	Total		1017	421	516	80
				42%	50%	8%



Table 33: Semester Wise Academic results(Session 18-19)

S.No.	Program	Semester 1			Semester 2		
		Total Students	Pass	Students with Carry Over	Total Students	Pass	Students with Carry Over
1	B.Tech	161	52	109	158	99	59
2	BCA	45	26	19	45	24	21
3	Diploma	93	17	76	87	28	59
4	B.Sc(Physics)	5	2	3	5	2	3
5	B.Sc(Chemistry)	4	1	3	4	1	3
6	B.Sc(Maths)	11	7	4	11	8	3
7	MBA	22	8	14	21	10	11
8	B.Sc(Nutrition & Dietetics)	17	15	2	17	13	4
9	B.Sc(Radiology)	31	19	12	29	16	13
10	BHM	22	16	6	22	15	7
11	B.Sc(Agriculture)	188	83	105	183	94	89
12	BBA	92	43	49	87	40	47
13	B.Com	72	50	22	72	45	27
14	B.A. Eco	5	5	0	5	4	1
15	BJMC	26	15	11	25	4	21
16	D.Pharma	Annual System					
17	M.Tech	6	6	0	6	6	0
18	CHM	8	1	8	8	5	8
19	BVOC 1	175	121	54	175	118	58
20	BVOC2				34	22	12
	Total	983	487	443	994	554	376
			45%	55%		56%	44%



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Part H- Graduate Outcome

- H1- Industry Training Details
- H2- Details of Company Visited in 2018-19
- H3- Placements Details 2018-19



H1: Industrial Training Details

Table 34: Industrial Internship (2018-19)

S.No.	Company	Course	NOS	S.No.	Company	Course	NOS
1	ONGC ASSAM	B.TECH	4	26	BIRSA AGRICULTURE UNI	B.SC AGRI	15
2	ONGC RAIGARH	B.TECH	3	27	MAHINDRA, ROORKEE	B.TECH	2
3	ONGC KOLKATA	B.TECH	3	28	MAKINO AUTOMOTIVE	DIP	5
4	ONGC, AP	B.TECH	1	29	EVEREST INDUSTRIES LTD	MBA	5
5	ONGC, DDN	B.TECH	3	30	BAJAJ SONS LTD	DIP	6
6	OIL INDIA LTD, DIBRUGARH	B.TECH	4	31	TRIVENI ENGINEERIG & INDUSTRIES LTD	DIP	5
7	PAURAI ENGG CONSULTANCY	B.TECH	3	32	C&S ELECTRIC LTD	DIP	5
8	BN CONSTRUCTION	B.TECH	4	33	MDDA DEHRADUN	DIP	2
9	RAMAN CONSTRUCTION	B.TECH	3	34	ENN TEE INTERNATIONAL LTD	DIP	4
10	SETU BUILDERS	B.TECH	6	35	SARDHANA PAPERS PVT LTD	DIP	3
11	UTTARAKHAND TECH SURVEYING	B.TECH	5	36	UNITECH MACHINES LTD	DIP	2
12	OPTO ORDINACE DDN	B.TECH	2	37	EVEREST INDUSTRIES LTD	DIP	3
13	BHARAT COKING COAL LTD	B.TECH	1	38	PNB JHARKHAND	MBA	2
14	EAST CENTRAL RAILWAY	B.TECH	2	39	EVEREST INDUSTRIES LTD	DIP	4
15	WINTEC PVT LTD	B.TECH	2	40	KVCH ORACLE NOIDA	B.TECH	2
16	IIT BHU	B.TECH	1	41	SWIGGY, DEHRADUN	BBA	4
17	UPSRTC, SAHARANPUR	B.TECH	3	42	CENTRAL ELECTRONICS LTD. GHAZIABAD	DIP	2



18	BRIJESH AUTOMOBILES, PURNIA	B.TECH	4	43	AMBUJA CEMENT, BHAGWANPUR	DIP	3
19	SIPRADI TRADING PVT LTD	BBA	3	44	RELIANCE INFOCOM LTD, JHARKHAND	BBA	3
20	UTC, DDN	B.TECH	3	45	I A ANIMAL SCIENCE (IAAS)	AGRI	3
21	HULAS STEEL INDUSTRY	B.TECH	2	46	OUTLOOK	MBA	5
22	HALDIA REFINERY	B.TECH	2	47	OM LOGISTICS	BBA	5
23	ONGC, SURAT	B.TECH	2	48	HNN 24*7 DHRADUN	BJMC	2
24	NORTHERN COAL FIELD, MP	B.TECH	1	49	OMEGA PVT LTD	BBA	4
25	ONGC BOKARO	B.TECH	2	50	FORTUNE MARKETING, DEHRADUN	MBA	3

H2: Details of Company Visited in 2018-19

Table 35: Details of Company Visited (2018-19)

S.N o.	Companies Visited	S.N o.	Companies Visited
1	AAK HANDLING EQUIPMENTS	56	JAJODIYA & CO.
2	AD2CLICK	57	JARO EDUCATION
3	AGNEXT	58	JB GLASS
4	ANCHOR	59	JSP TECHNOLOGY PVT LTD
5	ANKUR LAMPS	60	KASTHAMANDEEP CONSTRUCTION PVT LTD
6	ANMOL CORRUPACK P LTD	61	KELLY SERVICES INDIA PVT LTD
7	APAR TECHNOLOGIES	62	KENT INDUSTRIES
8	APOLLO	63	KOAK EDUCATION
9	APP VENTUREZ	64	KRISHNA MARUTI
10	ARABOL	65	SHREE SHIV SHANKAR ASSOCIATES.
11	ARYAMA SOFT PVT LTD	66	MAGNUS INTERNATIONAL
12	ASIAN	67	MANGLA TUBES
13	ATUL GLASS	68	MUTHOOT FINCORP
14	B.K.C ENGG & CONSTRUCTION	69	NAVIN TECHNO PROJECTS
15	BALLICE SYSTEM & CONTROLS PVT LTD	70	NIIT
16	BIMLA HERBALS	71	NIIT TECHNOLOGIES
17	BYJU'S	72	OMEGA PRINTOPACK PVT LTD



18	C ZENTRIX	73	OYO ROOMS
19	TECH MAHINDRA	74	PAYTM (FRESH EMPLOYEE ZONE)
20	CAPARO MARUTI	75	PIE INFOCOMM
21	CATALYST ONE	76	QUICK HEAL
22	CETPA	77	RETRO ENGG PVT LTD
23	CIALFOR	78	SAFFRON PET & PLASTIC PRODUCTS
24	CLASSIC BUFFET POINT	79	SAMRIDHA NEPAL ENGG PVT LTD
25	COGENT E-SERVICES	80	SATYA MICRO FINCORP
26	CONNEQT BUSINESS SOLUTIONS LTD	81	SHELL
27	CONSULTING ENGG GROUP LTD	82	SIGNITY
28	CRYPTUS CYBER SECURITY	83	SINE TECH POWER SYSTEM
29	DE DIAMONDS ELECTRIC PVT LTD	84	SOFCON INDIA PVT LTD
30	DE-DELICIOUS	85	SOLITARE INFOSYS PVT LTD
31	DELHIVERY PVT LTD	86	SPATIAL GEOTECH PVT LTD
32	DUMARWANA COMPUTER INSTITUTE	87	STUDYMATE
33	DURATUFF GLASS	88	SUBHAM HEALTHCARE PVT LTD
34	EAGLES	89	SUNBEAM AUTO PVT LTD
35	EMICON	90	SURYA GROUP
36	ERD TECHNOLOGIES	91	TATA MOTORS
37	EXTRA MARKS	92	TELEPERFORMANCE
38	FCI	93	TEST FORMULA
39	FLY SQUARE	94	TGTUS
40	FOCUS ENERGY	95	THE KISAN COOPERATIVE SUGAR FACTORY
41	FUTURE REALITY	96	TITAN
42	GAMMA PROCESS HERB	97	TOMMY HILFIGER
43	GOGIA HARIT & CO.	98	TRACKON COURIERS PVT LTD
44	GOTESO	99	TRAVEL BOUTIQUE & AEOLGIC
45	GRACIA HOME FURNISHING	100	UNCEASE AUTOMATION
46	GULMOHAR ENGG SOLUTIONS	101	V SERV
47	HALCOM MARKETING PVT LTD	102	VACMET
48	HDB FINANCIAL SERVICES LTD	103	VANISB TECHNOLOGY
49	HETTICH	104	VARA ARCHITECTS & BUILDER PVT LTD
50	HOLLISTER MED. PVT LTD	105	VAYAMTECH
51	HONDA MOTORS PVT LTD.	106	VINOD SHAH NIRMAAN SEWA
52	I ENERGIZER IT SERVICES PVT LTD	107	VISTAAR DESIGNER'S
53	ILD GROUP	108	VIVO



54	INDUSIND BANK	109	VK ENGG WORKS
55	IONS FILTRATION PVT LTD	110	VRB SOLUTIONS

Note: Quantum University started considering admissions in 2018-19. No student was in the final year. The data shown above is only related to the students of Quantum Global Campus that is affiliated to UTU DDN and SDU DDN

H3: Placements Details 2018-19

Table36: Placements (2018-19)

Deptt.	Total No Of Students	Total Students not opted for placement	Total Students Eligible for Placement	Total Students Placed	Placed %	Highest CTC	Average CTC (LPA)	Total 50% CTC (LPA)	Total Recruiters
B.Tech CS	74	6	68	52	76.47	9 LPA	3.12	4.44	23
B.Tech ME	55	2	53	39	73.58	9 LPA	3.24	3.56	21
B.Tech Civil	49	18	31	21	67.74	3 LPA	2.40	2.40	7
B.Tech PE	16	6	10	3	30.00	5.40 LPA	5.40	5.40	2
B.Tech-MTE	15	0	15	10	66.67	9 LPA	3.24	3.84	11
Overall B.Tech	209	34	177	125	70.62	9 LPA	3.69	4.68	59
Diploma CS	18	11	7	4	57.14	2.76 LPA	2.40	2.76	2
Diploma ME	35	6	29	28	96.55	2.80 LPA	2.07	2.40	15
Diploma Civil	38	12	26	20	76.92	2.80 LPA	1.80	2.49	6
Diploma EE	15	0	15	13	86.67	2.80 LPA	1.87	1.92	8
Overall - Diploma	106	29	77	65	84.42	2.76 LPA	1.97	2.40	25
B.Com	25	4	21	4	19.05	3.36 LPA	2.70	3.24	5
BBA	32	1	31	25	80.65	8 LPA	3.0	4.23	19
B.Sc Agri	26	10	16	10	62.50	3 LPA	3.0	3.0	1
MBA	42	1	41	37	90.24	9.00 LPA	2.57	3.62	25

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