Quantum UNIVERSITY
ROORKEE, UTTARAKHAND

Annual Report

AY 2019-20

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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 basedlearning 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 basedteaching learning processes and emphases on Internationally certified trainings, value added programs for personality development, certifications in minor programs as dual specializationand industry collaborated 'Honors Programs'. The university also focuseson 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 Universityrealized these trends early. As a responsible knowledge partner, it promotes inter-disciplinary education and prepares the students forthe 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 "*CanI 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

Quantum University imparts rigorous technical and soft skills trainings under an array of industrial tie-ups and MOUs. Theses 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)	Mr. Ajay Goyal Chairman	Chancellor Quantum University	14/1, New Road, Dehradun
2)	Mr. 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 Ex - 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			

S. No.	Name	Profession	Full Postal Address
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)	Mr. Anil Goyal Member	Industrialist	14/1, New Road, Dehradun
7)	Mr. 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:*March05, 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			
2)	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			
3)	Mr. Shobhit Goyal Member	Secretary LMD Educational Research Foundation Trust	14/1, New Road, Dehradun

4)	Mr. Shanky Garg Member	Industrialist	104/105, Model Colony, Yamunanagar
5)	Prof. (Dr.) S. L. Soni Member	Director N.I.T. Srinagar	National Institute of Technology Srinagar
6)	Prof. (Dr.) G. C. Saxena Member	Ex - Vice Chancellor Agra University	18 North Vijay Nagar Colony, Agra
7)	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			
8)	Prof. (Dr.) Gulshan Chauhan Member	Dean Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee
9)	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			
10)	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
11)	Dr. Arun Kumar Pinoli*	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			
12)	Mr.R.K. Khare* Non - Member Secretary	Registrar Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee

*w.e.f. 20/01/2020

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. Arun Kumar Pinoli*	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)	Mr. R.K. Khare* Secretary	Registrar Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee

*w.e.f. 20/01/2020

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)	Mr. 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)	Mr. 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
9)	Prof. (Dr.) Gulshan Chauhan Member	Dean Quantum University, Roorkee	Quantum University NH 73, 22 KM Mile Stone, Village Mandawar, Roorkee

7   Organization structure –
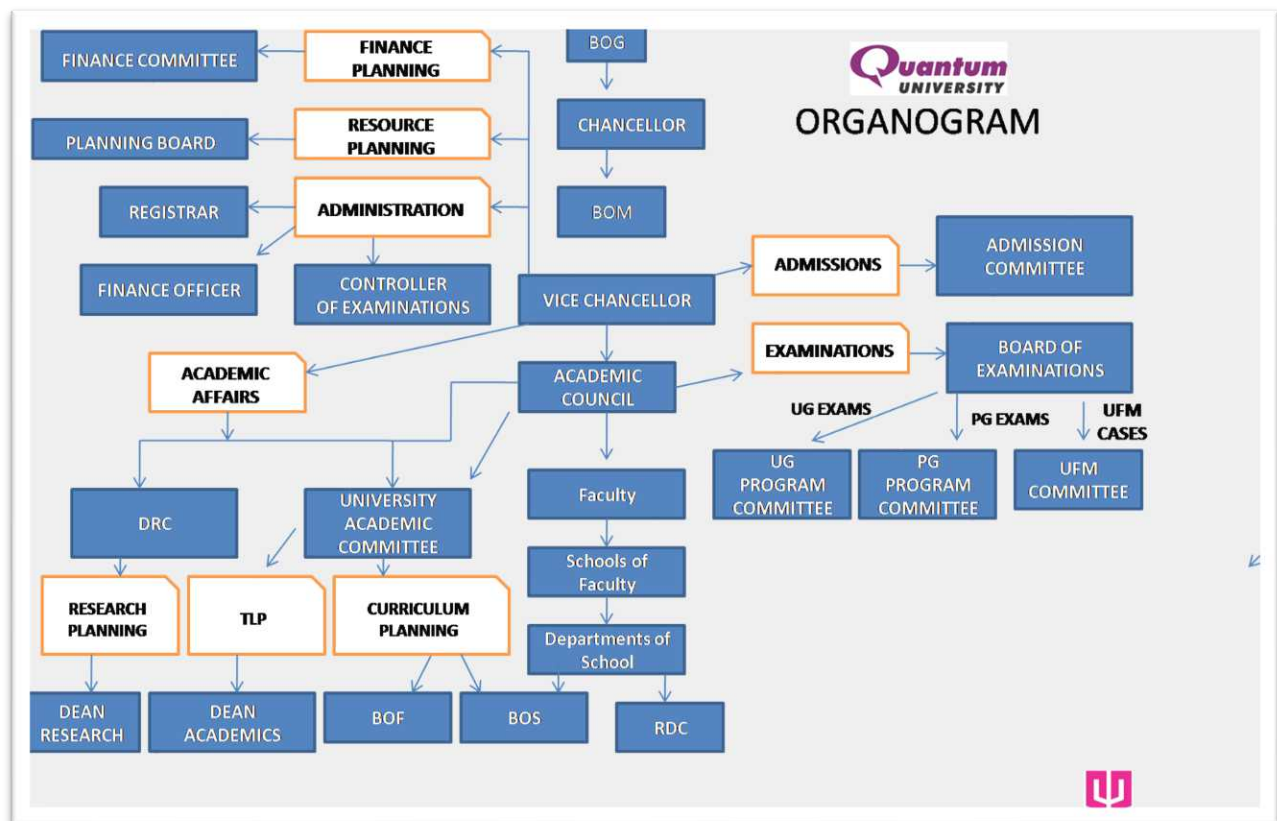
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Part A-Student Admissions

A1- Program of studies offered (2019-20)
A2- Students admitted in program Gender and category wise

A1-Program of studies offered (2019-20)

Table 6: Faculty wise Sanction Intakes & Actual Enrollments

S. No.	Faculty Name	Program Name	Sanctioned Intake for Session 2019-20	Actual Admissions in 1st Year
1	Faculty of Technology	Bachelor of Technology in Computer Science & Engineering	150	148
2		Master of Technology in Computer Science & Engineering	03	01
3		B.Voc. - Automotive Manufacturing Technology	30	27
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	01
8		Bachelor of Computer Applications	60	59
9		Master of Computer Application	24	24
10	Faculty of Business& Management	Bachelor of Business Administration	90	88
11		Master of Business Administration	30	30
12		Bachelor of Arts (Hons) in Journalism and Mass Communication	20	20
13		Bachelor of Science in Animation and VFX	15	15
14	Faculty of Graduate Studies	Bachelor of Commerce	60	45
15		Bachelor of Arts (Hons) in Eng/Eco/Psycho	15	15
16		Bachelor of Science (Hons) in PCM	30	30
17		Bachelor of Hotel Management	15	15
18	Faculty of Agricultural Studies	Bachelor of Science (Hons) in Agriculture	120	120
19	Faculty of Health Sciences	Bachelor of Science in Medical Radiology and Imaging Technology	30	30
20		Diploma in Pharmacy	60	57

21		Bachelor of Pharmacy	60	60
22		Bachelor of Science in Nutrition and Dietetics	15	15
23		Master of Science in Nutrition and Dietetics	12	12
Total			**890**	**860**

A2-Students admitted in program Gender and Category wise

Number of students enrolled in the University for the current Academic Year 2019-20 according to various Regions & Countries

Table6 : Details of Admissions(2019-20) 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	160	381	--	12	553
	F	34	145	--	--	179
	T	--	--	--	--	--
P.G.	M	13	31	--	--	44
	F	08	19	--	--	27
	T	--	--	--	--	--
D.Pharma	M	07	43	--	--	50
	F	02	05	--	--	07
	T	--	--	--	--	--
Total		**224**	**624**	**--**	**12**	**860**

M - Male　　　　　　　　　　**F -** Female　　　　　　　　　　**T -** Transgender

Table 7: Details of Admissions (2019-20) in Reserved Categories

Category	Female	Male	Total
S.C.	12	46	58
S.T.	14	12	26
O.B.C.	94	203	297
P.H.	--	--	--
General	142	337	479
Total	**262**	**598**	**860**

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Part B-Infrastructure Details

Transferred/ Newly Built

Table 8: Physical Infrastructure, Existing &Newly Constructed / Transferred from Quantum Global Campus (2019-20)

Building/Block

Building	Block	Area Per Floor(ft²)	No of Floors	Under Construction	Total Area (ft²)
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 *(Newly Added in 2019-20)*		6		
	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*
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**	**2 + 1***
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+ 60***
3.	**Computer(Desktops and Laptops) for Offices/ Faculty Members /TLP Process**	**53 + 10***
4.	**Printers**	**27 + 5***
5.	**Online Projectors**	**9**
6.	**Scanners**	**2 +1***
7.	**Internet Connection**	**50 +50* Mbps**
8.	**Network**	**3, Optical Fiber and Copper, WIFI Network in the campus***
9.	**Software**	**49**

Newly Added in 2019-20

Table 11: Details of Lab Existing in University(Transferred / Created/ upgraded in 2019-20)

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

Newly Added in 2019-20

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Part C- The Faculty & Staff Details

Newly Appointed and Left during Academic Year

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	308	36	06	02	28
2.	Faculty of Business & Management	153	17	02	03	12
3.	Faculty of Health Sciences	174	15	01	02	12
4.	Faculty of Graduate Studies	105	15	01	03	11
5.	Faculty of Agricultural Studies	120	19	01	07	11

Table 13: Faculty Newly Appointed in Academic Year (2019-20)

S.No.	Name	Designation	Branch	Qualification	Experience	DOJ
1	Mrs. Pooja Singh	Assistant Professor	Pharmacy	M.PHARMA.	9	11-May-2019
2	Dr. Saumya Goyal	Professor	Business Administration	PhD	21	15-May-2019
3	Mrs. Renu Bala Sharma	Assistant Professor	Applied Medical Sciences	M.Sc.	5	8-Jul-2019
4	Dr. Chandani Sharma	Assistant Professor	Computer Science And Engineering	PhD	11	8-Jul-2019
5	Ms. Yogita Singh	Assistant Professor	Paramedical Sciences	MRIT	4	8-Jul-2019
6	Dr. Ajay Puri Goswami	Assistant Professor	Agricultural Studies	PhD	3	11-Jul-2019
7	Dr. Ram Singh	Associate Professor	Commerce & Finance	PhD	12	11-Jul-2019
8	Dr. Kamlesh Singh	Associate Professor	Mechanical Engineering	PhD	11	15-Jul-2019
9	Mr. Mahendra Swain	Assistant Professor	Computer Science And Engineering	M.TECH	0	23-Jul-2019
10	Dr. Abdullah Malik	Assistant Professor	Commerce & Finance	PhD	5	26-Jul-2019
11	Mr. Anjil Kumar	Assistant Professor	Agricultural Studies	M.Sc., NET	2	29-Jul-2019
12	Ms. Rinkey Arya	Assistant Professor	Agricultural Studies	M.Sc.	2	29-Jul-2019
13	Dr. Gaurav Aggarwal	Associate Professor	Agricultural Studies	PhD	8	1-Aug-2019

14	Mr. Deepak Bhatt	Assistant Professor	Computer Science And Engineering	M.TECH	3	2-Aug-2019
15	Mr. Anjay Singh Bisht	Assistant Professor	Agricultural Studies	M.Sc.	1	5-Aug-2019
16	Dr. Praveen Kumar	Associate Professor	Pharmacy	PhD	13	6-Aug-2019
17	Dr. Saras Verma	Assistant Professor	Hospitality & Tourism	PhD	14	7-Aug-2019
18	Dr. Lokinder Kumar Tyagi	Professor	Business Administration	PhD	19	8-Aug-2019
19	Mr. Pavan Kumar Varshney	Assistant Professor	Civil Engineering	M.TECH	1	9-Aug-2019
20	Ms. Ritu Saini	Assistant Professor	Pharmacy	M.PHARMA.	8	9-Aug-2019
21	Mrs. Sarika Devi	Assistant Professor	Pharmacy	M.PHARMA.	5	9-Aug-2019
22	Dr. Arun Kant Painoli	Associate Professor	Business Administration	PhD	5	13-Aug-2019
23	Dr. Rakesh Kumar	Assistant Professor	Media Studies	PhD	3	13-Aug-2019
24	Mr. Mahesh Mishra	Assistant Professor	Commerce & Finance	M.COM, NET	14	14-Aug-2019
25	Dr. Sangeeta Tiwari	Assistant Professor	Agricultural Studies	PhD	2	19-Aug-2019
26	Ms. Kirti Sharma	Assistant Professor	Paramedical Sciences	BMRIT	1	22-Aug-2019
27	Ms. Mamta Panda	Assistant Professor	Paramedical Sciences	BMRIT	1	22-Aug-2019
28	Dr. Ankur Kashyap	Assistant Professor	Business Administration	PhD	4	7-Sep-2019
29	Ms. Nikita Tyagi	Assistant Professor	Applied Medical Sciences	M.Sc.	2	26-Sep-2019
30	Ms. Shalini	Assistant Professor	Computer Science And Engineering	M.TECH	7	20-Mar-2020
31	Mr. Parmesh Dutt	Assistant Professor	Hospitality & Tourism	M.Sc. Hotel Management	7	8-Apr-2020
32	Mr. Anurag Chandna	Assistant professor	Computer Application	M.TECH	9	27-Apr-2020
33	Dr. Monita Mohan	Assistant Professor	Humanities And Social Sciences	PhD	10	2-May-2020
34	Mr. Devendra Sood	Assistant professor	Computer Application	MCA	2	22-May-2020
35	Mrs. Mudita Mishra	Assistant Professor	Pharmacy	M.PHARMA.	2	4-Jun-2020
36	Dr. D.K. Singh	Assistant Professor	Agricultural Studies	PhD	3	27-Jun-2020

Table 14: Faculty and Staff Resigned in Academic Year (2019-20)

S. No.	Name	Designation	Branch	Qualification	Experience	DOJ	DOL
1	Dr. Anshul Sharma	Associate Professor	Commerce & Finance	PhD	10	8-Aug-2017	8-May-2019
2	Dr. Rohit Kushwaha	Professor	Business Administration	PhD	24	20-Jul-2011	10-May-2019
3	Dr. Jasleen Kaur	Assistant Professor	Media Studies	PhD	8	16-Aug-2018	31-May-2019
4	Dr. Vishakha Jaiswal	Assistant Professor	Pharmacy	PhD	2	1-Jun-2018	12-Jul-2019
5	Dr. Pradeep Joshi	Associate Professor	Business Administration	PhD	10	20-Jul-2011	13-Jul-2019
6	Dr. Divya Rawat	Assistant Professor	Applied Medical Sciences	PhD	5	16-Jul-2018	23-Jul-2019
7	Dr. Deepika Raina	Assistant Professor	Pharmacy	PhD	6	1-Jun-2018	5-Aug-2019
8	Dr. Rajeev Kumar Ranjan	Associate Professor	Business Administration	PhD	4	26-Aug-2016	23-Nov-2019
9	Dr. Rohit Bhati	Assistant Professor	Agricultural Studies	PhD	5	14-Aug-2018	2-May-2020
10	Dr. Javed Ahmed Khan	Assistant Professor	Agricultural Studies	PhD	10	16-Feb-2018	30-May-2020
11	Dr. Ajay Puri Goswami	Assistant Professor	Agricultural Studies	PhD	3	11-Jul-2019	15-Jun-2020
12	Dr. Rakesh Kumar	Assistant Professor	Media Studies	PhD	3	13-Aug-2019	30-Jun-2020

Annual Report (2019-20)

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 (2019-20)

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.	University Total	49	25	69

Details of Publication (2019-20) of Faculty Members

National and International Journals (UGC Recognized)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number
Carrer Challenges Faced By Female Hotel Managers In Delhi India	Deepti Bhatt	Dept Of Hospitality & Tourism	A Bi Annual Journal From Gitam Hyderabad Business School	2019	P: 2349-2090
Customers Satisfaction On It Based Banking Services In Rural Areas (A Study Of Icici Bank)	Dr. Ram Singh, Dr. Rohit Bansal, Dr. Tazya Rahman	Dept Of Commerce & Finance	Journal Of Xidian University	2019	1001-2400
Reactive And Proactive Type Protocols For Wimax Networks With Item Size Variation	Chandani Sharma, Madan Pal Singh & Sushma Chaudhary	Dept Of Computer Sciences & Engineering	International Journal Of Engineering Research And Technology (Ijert)	2019	2278-0181
Analysis Of Trends And Patterns Of Fdi Inflows In India	Dr. Ram Singh	Dept Of Commerce & Finance	Journal Of Management Outlook	2019	2231-1769
Crowdfunding In India: An Overview	Dr. Ram Singh, Dr.Rohit Bansal, Dr. Asif Pervez	Dept Of Commerce & Finance	Our Heritage Journal	2019	0474-9030
An Overview Of Csr Taken By Tata Group	Dr. Ram Singh, Dr. Humayun Rahman	Dept Of Commerce & Finance	International Journal Of Development Research	2019	2230-9926
Morphometric Analysis And Prioritization Of Sub-	Anurag Malik, Anil Kumar,	Dept Of Civil Engineering	Arabian Journal Of Geosciences	2019	1866-7511

Watersheds In A Hilly Watershed Using Weighted Sum Approach	Himanshu Kandpal				
Welding Parameters Effect On The Microstructure Of Gas Tungsten Arc Welded Thin Mild Steel Sheets	M. Kannan, Ashutosh Sharma, Raunak Gupta, Rajneesh Raghav Tamta	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
The Prospect Of Offshore Wind Power In India	Naveen Rana, Mukesh Kumar, Rajneesh Raghav, Ankur Jain	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
An Optimizing Parameters Of Electrical Discharge Machining On Stainless Steel 304 By Copper Alloy Tool Using Response Surface Methodology	Rajneesh Raghav, Vipin Kumar Singh, Raunak Gupta, Naveen Rana	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
An Identification And Exploitation Of Constraint In The Delayed Delivery Of Projects - A Case Study	Raunak Gupta, Raghuraj Singh, P.L. Verma, Saurabh Khotiyan	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
The Development And Prospect In The Solar Energy Sector In India	Naveen Rana, Mukesh Kumar, Ravi Kumar Goel, Ankur Jain	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001

An Experimental Investigation Into The Performance Of Electro-Chemical Machining (Ecm) Process	Vivek Kumar Sharma, Neetu Saini, Mukesh Kumar, Vipin Kumar Singh	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
Lean Manufacturing System To Enhance Performance In Operations: An Empirical Study On Plywood And Blockboard Industry	Mukesh Kumar, Gulshan Chauhan	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
Some Studies On The Performance Of Activated-Tig Welding In Steel Weldments	Mukesh Kumar, Naveen Rana, M. Kannan	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
A Check To Find Out The Better Welding Technique Among Tig And Mig For Aluminum Alloy	Saurabh Kumar Khotiyan, Raunak Gupta, Vishwarya Dutt	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
Lighting More Of The Way – Waste Reduction In The Coating Process In Compact Fluorescent Lamps Manufacturing	Raunak Gupta, P.L. Verma	Dept Of Mechanical Engineering	Lean And Six Sigma Review	2019	2638-7980 (Print), 2638-7999 (Online)
An Analytical Study Of Structure In Seismic Wave By Using Damping Beams	Mr. Karan Babbar, Mr. Nebula Thapa Magar	Dept Of Civil Engineering	International Journal For Research In Applied Science & Engineering Technology (Ijraset)	2019	2321-9653
The Effect Of Flyash And Foaming Agent On Setting Time And	Karan Babbar, Abishek Rauniyar	Dept Of Civil Engineering	International Journal For Research In	2019	2321-9653

Strength Of Opc Cement- A Experimental Approach			Applied Science & Engineering Technology (Ijraset)		
Performance And Emission Characteristics Of Diesel Engine Using Karanja Oil Methyl Ester And Eucalyptus Oil Fuel Blends	Nagwan, H., Rana, N., Kumar, A., Tewari, P.C	Dept Of Mechanical Engineering	Procedia Environmental Science, Engineering And Management	2019	553-563
Implementation Of Ifrs As Indian Accounting Standard For Similarity In Financial Reporting In India: Challenges & Benefits	Ram Singh, Santosh Kumar Shrivastava	Dept Of Commerce & Finance	American Journal Of Theoretical And Applied Business	2019	(O) 2469-7842, (P) 2469-7834
Swachh Bharat Abhiyan: A Mission To Clean India	Dr. Ram Singh, Dr. Rohit Bansal	Dept Of Commerce & Finance	Thematics Journal Of Geography	2019	2277-2995
The Historic View Of The Indian Currency And Paradigms	Dr. Ram Singh, Dr. Rohit Bansal	Dept Of Commerce & Finance	History Research Journal	2019	0976-5425
Skill Development in India: Achievements & Challenges	Dr. Ram Singh, Dr. Rohit Bansal	Dept Of Commerce & Finance	Journal Of The Gujarat Research Society	2019	0374-8588
Features Exploration Of Distinct Load Balancing Algorithms In Cloud Computing Environment	Saurabh Gupta, Sangeeta Rani, Dr. Amit Dixit, Dr. Harsh Dev,	Dept. of Electronics and Communication Engineering	Int. J. Advanced Networking And Applications	2019	0975-0290
Extensive Study Of 2d Transformations In Computer Graphics	Ankur Rana, Sandhya Samant, Abhishek Agarwal	Dept Of Computer Sciences & Engineering	International Journal Of Engineering Research & Technology (Ijert)	2019	2278-0181
Design And Simulation Of Dgs Based Multi Band Filter For Wireless Applications	Kapil Kumar, Amit Dixit, Pradyot Kala, Reena Pant & Neera Agarwal	Dept. of Electronics and Communication Engineering	Journal Of Information And Optimization Sciences	2019	0252-2667
Effect Of Ethanol On The Two Stroke Petrol Engine	Ravi Kumar Goel, Saurabh Khotiyan, Surinder Saini	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	(P): 2249-6890; Issn (E): 2249- 8001

Application Of Total Quality Management On Higher Education	Dr. D.C. Agrawal, Ankur Kukreti	Dept Of Business Administration	International Journal Of Science And Research (Ijsr)	2019	2319-7064
A Phase-Wise Approach To Implement Lean Manufacturing	Chauhan, G. And Chauhan, V	Dept Of Mechanical Engineering	International Journal Of Lean Six Sigma	2019	2040-4166 / 2040-4174
A Review Of Supervised And Unsupervised Machine Learning Techniques For Suspicious Behavior Recognition In Intelligent Surveillance System	Amit Dixit	Dept. of Electronics and Communication Engineering	International Journal Of Information Technology (Singapore)	2019	2511-2104/2511-2112
An Investigation Of Aluminium Alloy Matrix Composites With Silicon Carbide Reinforced	Saini, N.; M. Kannan, V.Kumar .;	Dept Of Mechanical Engineering	International Journal Of Food Engineering	2019	1556-3758/2194-5764
Design And Cost Analysis Of Solar-Wind Based Hybrid Renewable Energy System	Chandani Sharma	Dept Of Computer Sciences & Engineering	1st International Conference On Advancement In Engineering Sciences (Aes-2019) Held At School Of Electronics &Communication Engineering, Shri Mata Vaishno Devi University, Katra (J&K), On September 28-29, 2019	2019	Online ISBN978-981-15-8221-9
Optimization Of Railway Container Yard	Mohd, V., Chauhan, G. And Mishra, S.	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
Recent Trends In Automation- A Study Of Rpa Development Tools	S.Gupta, S.Rani And A.Dixit	Dept. of Electronics and Communication Engineering	Ieee Xplorer	2019	ISBN: 978-1-7281-2068-3

Title	Author	Department	Journal	Year	ISSN
Steam Conservation Study Of Sugar Industry	Chauhan, G. And Mohd, V	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
Study Of Throwing Power And Hardness Of Electrodeposited Zinc-Nickel-Alumina Nanocoating On Mild Steel -Aisi 1144	M.Kannan, Dr Satyendra Singh, Dr R.R.Prasad	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development	2019	Issn(P): 2249-6890; Issn(E): 2249-8001
Land Use Land Cover Change Detection Using Remote Sensing And Gis In Srinagar, India	Mohd Tanzeem	Dept Of Civil Engineering	International Journal Of Computer Applications	2019	0975 – 8887
An Optimizing Parameters Of Electrical Discharge Machining On Stainless Steel 304 By Copper Alloy Tool Using Response Surface Methodology	Rajneesh Raghav, Vipin Kumar Singh, Raunak Gupta1 & Naveen Rana	Dept Of Mechanical Engineering	International Journal Of Mechanical And Production Engineering Research And Development (Ijmperd)	2019	Issn(E): 2249-8001
Skill Development In India: Achievements & Challenges	Ram Singh	Dept Of Commerce & Finance	Journal Of The Gujrat Research Society	2019	Issn: 0374-8588

Analysis Of Trends & Patterns Of Fdi Inflows In India	Ram Singh	Dept Of Commerce & Finance	Journal Of Management Outlook	2019	2231-1769
ICT based Smart Traffic Management System "iSMART" for Smart Cities	Dipak Gade	Dept Of Computer Sciences & Engineering	International Journal of Recent Technology and Engineering	2019	ISSN: 2277-3878
Recent Trends in Automation-A study of RPA Development Tools	Saurabh Gupta; Sangeeta Rani; Amit Dixit	Dept Of Computer Sciences & Engineering	2019 3rd International Conference on Recent Developments in Control, Automation & Power Engineering (RDCAPE)	2019	978-1-7281-2068-3
Hierarchical Evolution of Digital Games	Ayush Sahay; Tanupriya Choudhury; Vivek Kumar	Dept Of Computer Sciences & Engineering	2019 International Conference on Computational Intelligence and Knowledge Economy (ICCIKE)	2019	978-1-7281-3778-0
Market Analysis on Li-Fi Technology	Mayank Mohta; Nidhi Soni; Tanupriya Choudhury; Vivek Kumar	Dept Of Computer Sciences & Engineering	2019 8th International Conference System Modeling and Advancement in Research Trends (SMART)	2019	978-1-7281-3245-7
Parkinson's Disease Detection using Soft Computing Technique	Shubham Goel; Amrendra Tripathi; Tanupriya Choudhury; Vivek Kumar	Dept Of Computer Sciences & Engineering	2019 8th International Conference System Modeling and Advancement in Research Trends (SMART)	2019	978-1-7281-3245-7

INTRODUCTION TO SMART CITIES AND SELECTED LITERATURE REVIEW	Dr. Dipak Gade	Dept Of Computer Sciences & Engineering	International Journal of Advance and Innovative Research	2019	ISSN 2394 - 7780
Studies on drying and rehydration characteristics of osmo-treated pineapple slices using different tray drying temperatures	Vipul Chaudhary,Vivak Kumar,Ravi Kumar	Quantum School of Agricultural studies	International Journal of Agricultural Engineering	2019	ISSN–0974–266
PERFORMANCE EVALUATION OF IRRIGATION PROJECTS	REETA JOSHI, Dr ROHIT BHATI, JAGDISH KANDPAL	Dept of Agriculture Studies	International Research Journal of Engineering and Technology (IRJET)	2019	ISSN: 2395-0056
Partial Replacement of cement with Rice Husk Ash in concrete Design of Grade M30	REETA JOSHI, Dr ROHIT BHATI, JAGDISH KANDPAL	Dept of Agriculture Studies	International Research Journal of Engineering and Technology (IRJET)	2019	ISSN: 2395-0056
Nutrient and pest management through Nanotechnology	REETA JOSHI, Dr ROHIT BHATI, JAGDISH KANDPAL	Dept of Agriculture Studies	International Research Journal of Engineering and Technology (IRJET)	2019	ISSN: 2395-0056

Details of Publication (2019-20) of Faculty Members

National and International Journals (Scopus Indexed)

1. 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.*

2. A CHECK TO FIND OUT THE BETTER WELDING TECHNIQUE AMONG TIG AND MIG FOR ALUMINUM ALLOY

3. WELDING PARAMETERS EFFECT ON THE MICROSTRUCTURE OF GAS TUNGSTEN ARC WELDED THIN MILD STEEL SHEETS

4. SOME STUDIES ON THE PERFORMANCE OF ACTIVATED-TIG WELDING IN STEEL WELDMENTS

5. LEAN MANUFACTURING SYSTEM TO ENHANCE PERFORMANCE IN OPERATIONS: AN EMPIRICAL STUDY ON PLYWOOD AND BLOCKBOARD INDUSTRY

6. FULFILL STUDENT ENERGY NEED IN MATRAIYEE HOSTEL OF SULTANPUR

7. OPTIMIZATION OF RAILWAY CONTAINER YARD

8. EFFECT OF ETHANOL ON THE TWO STROKE PETROL ENGINE

9. AN EXPERIMENTAL INVESTIGATION INTO THE PERFORMANCE OF ELECTRO-CHEMICAL MACHINING (ECM) PROCESS

10. RECENT TRENDS IN GO-KART DESIGN AND MANUFACTURING

11. STEAM CONSERVATION STUDY OF SUGAR INDUSTRY

12. IDENTIFICATION AND EXPLOITATION OF CONSTRAINT IN THE DELAYED DELIVERY OF PROJECTS – A CASE STUDY

13. DEVELOPMENT AND PROSPECT IN THE SOLAR ENERGY SECTOR IN INDIA

14. AN INVESTIGATION OF ALUMINUM ALLOY MATRIX COMPOSITES WITH SILICON CARBIDE REINFORCED

15. OPTIMIZING PARAMETERS OF ELECTRICAL DISCHARGE MACHINING ON STAINLESS STEEL 304 BY COPPER ALLOY TOOL USING RESPONSE SURFACE METHODOLOGY

16. STUDY OF THROWING POWER AND HARDNESS OF ELECTRODEPOSITED ZINC-NICKEL-ALUMINA NANOCOATING ON MILD STEEL -AISI 1144

17. PROSPECT OF OFFSHORE WIND POWER IN INDIA

18. INFLUENCING GEOMETRICAL PARAMETERS OF TOOLS IN FRICTION STIRRING TECHNOLOGY : A SHORT REVIEW

19. MECHANICAL AND TRIBOLOGICAL PROPERTIES OF AL BASED IN SITU COMPOSITE: A REVIEW

20. 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)**

21. 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)**

22. 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)**

23. 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)**

24. 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)**

25. 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	201811030 432	13/08/2018
7	Quantum University	Solar Powered Autonomous Vehicle"	Mohd Vaseem. Gulshan Chauhan Rajneesh Raghav M. Kannan Chanderkant Vaid	Mechanical & Mechatronics Engineering	201811030 434	Processed
8	Quantum University	System For Controlling Aircrafts	Mohd Vaseem Gulshan Chauhan Kumar Satyam Abhishek Gupta Aman Kumar	Mechanical	201811030 433	Processed
9	Quantum University	Slotting Machine	Mohd Vaseem Gulshan Chauhan Mohd Jarrar Chanderkant Kaushik Karan	Mechanical	201811030 429	13/08/2018
10	Quantum University	Automatic Vehicle Locking System And Process Thereof"	Satender Kumar 2. Mitender Kumar3. Kriti Singh Kushwaha	Computer Science & Engineering	201811030 431	13/08/2018
11	Quantum University	Unmanned Aerial Vehicle	Guru Prabhat Nishant Singhal Mohd. Shahrukh Moin Khan Ayushi Sharma	Mechatronics, Electrical and Computer Science	201811030 425	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 Organised

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 (2019-20)

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
ANKUR RANA	Faculty Development Program	5	7/8/2019	7/12/2019	ICT Academy
MUKESH KUMAR	Faculty Development Program	6	6/22/2020	6/27/2020	ICT Academy
POOJA BARTHWAL	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
ANJIL KUMAR	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
PUSHPENDER SINGH	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
HARISH KUMAR RATHORE	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
GIRJA SHANKAR SRIVASTAV	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
KARAN BABBAR	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
HIMANSHU KANDPAL	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
MAHESH MISHRA	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee
MAYUR SRIVASTAVA	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee

GAURAV KRISHNA	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
MITENDER KUMAR	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
SATENDER KUMAR	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
CHUNNU LAL	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
ALOK KUMAR	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
DEEPAK BHATT	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
GURU PRABHAT	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
NEETA SHARMA	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
VAIBHAV GUPTA	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
M. KANNAN	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
ANKUR JAIN	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
SURINDER KUMAR	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
SOMYA MOHAN SHARMA	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
SONAM SETHI	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
VAIBHAV KUMAR RATHI	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
POOJA SINGH	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
SARIKA DEVI	Faculty Development Program	7	7/2/2019	7/8/2019	Quantum University Roorkee	
HIMANSHU TYAGI	Faculty Development Program	5	7/8/2019	7/12/2019	Quantum University Roorkee	
AJAY PURI GOSWAMI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
ANJAY SINGH BISHT	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
ANOOP BADONI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
ARVIND MALIK	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
CHHAYA SHARMA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	

GAURAV AGGARWAL	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
JAVED AHMED KHAN	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
N. MURUGALATHA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
NAVEEN CHANDRA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
RAM PRAKASH SRIVASTAVA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
RAVI KUMAR	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
RINKEY ARYA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
ROHIT BHATI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
SANGEETA TIWARI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
SHWETA SEN	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
VINOD KUMAR MISHRA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
DARSHIKA NIGAM	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
NIKITA TYAGI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	
RENU BALA SHARMA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi	

SALONI ARORA	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi
ANKUR KASHYAP	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi
ANKUR KUKRETI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi
ARUN KANT PAINOLI	Faculty Development Program	7	9/24/2019	9/30/2019	Sunrise Technical Education Promotional Society, New Delhi
DEEPAK SINGHAL	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
Rajeev Kumar Ranjan	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
RAJEEV SHARMA	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
SACHIN CHAUHAN	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
SAUMYA GOYAL	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
VARUN AGARWAL	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
KRISHNA KUMAR PANDE	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
SHIVANSHU MALVIYA	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
ABDULLAH MALIK	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
AMIT SAINI	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
RAM SINGH	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
VINAY PAL SINGH	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
ADITI SHARMA	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
AMIT DIXIT	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
CHANDANI SHARMA	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
GURMEET KAUR	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
MAHENDRA SWAIN	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
MOHITA TREHAN	Faculty Development Program	5	12/30/2019	1/3/2020	Nikhil Bharat Shiksha Parishad (NBSP).
VISHAL VIG JRF	Faculty Development Program	5	5/11/2020	5/15/2020	ICT Acedamy
VIVEK KUMAR	Faculty Development Program	5	5/11/2020	5/15/2020	ICT Acedamy

ALOK PRASAD	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
SARAS VERMA	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
AVADHESH KUMAR KHARE	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
GULSHAN CHAUHAN	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
KAMLESH SINGH	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
V.K GOEL	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
RAVI SHANKAR UPADHYAYA	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
SOUMYA MOHAN SHARMA	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
RAVI DEVAL	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
YOGITA SINGH	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
PRAVEEN KUMAR	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
ASHOK KUMAR SETH	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
NAVEEN RAWAT	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
RAKHI SHARMA	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
RENU CHOUDHARY	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
ROBIN	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	
SHIKHA SINGH	Faculty Development Program		5	5/11/2020	5/15/2020	ICT Acedamy	

D5-Details of Workshops Conducted and Attended

Table 20: Workshop Organized /Conducted for Students and Faculty (2019-20)

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	School Of Agricultural Studies	Mr. Vivek Ujjwal	30.08.2018

	Processing (Jam Preparation)			
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	Mr. M.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	Organised by	Funded by
1	Dr. Robin	Maths	07.06.2018	07.08.2018	Effect of Structured damping on natural frequencies of istropic&arthotropic rectangular plates	JECRC University	QU
2	Mr. Kamal Kant	MGMT	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 Bhubanes war	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. Harshavardhan 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/A GNI & 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 Sharowha (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.Khare	Advisor Quantum University
26	Mechanical Engineering	26.04.2019	Space Robots	Dr Pushparaj 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 (2019-2020)

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 ToIip, 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.Lehri 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 (2019-20)

Part E- Major Mile Stone Achieved in 2019-20

E1- Fully Functional ERP for University (2019-20)

E2- Fully Functional Automated Examination System (2019-20)

E3-Skilled Based Teaching Learning Process (2019-20)

E4- Two Phase of Summer Semester (2019-20)

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 (2019-20)

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 2019-20

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 (2019-20)

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 (2019-20)

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 2019-20, around 23 cases were requested for copy rechecking and scrutiny. None was found faulty.

E3-Skilled Based Teaching Learning Process (2019-20)

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 (2019-20)

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%)	

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

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

Facts	Total Numbers of Instances
Total instances appliedfor 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 1st 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 (2019-20)

Minor Name	Department (Offering)	One	Two	Three	Four	Five	Six
Web Designing	Computer Science and Engineering	HTML5	CSS3 & Boot strap	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: HDOOP 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	Advance 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, Faulty 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	42
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.ShahnawazAlam	
	PR3122	Taekwondo	Ms. Ritika Rawat	
	PR3123	Track event	Mr. Abhishek Agarwal	
	PR3124	Cricket	Er. Sumit kataria	

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

Beyond the classroom training, students are inducted to following training (2019-20) 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 (2019-20)

Table 29: MoU signed with following Agency in 2019-20

S.No.	Company	Domain	Purpose
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 (2019-20)

S. No.	Program Name	BOS	BOF	AC	BOG	BOM	FC
1	Bachelor of Technology in Computer Science & Engineering	07-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
2	Master of Technology in Computer Science & Engineering	07-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
3	Bachelor of Technology in Mechanical Engineering	06-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
4	Master of Technology in Thermal Engineering	06-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
5	Bachelor of Technology in Civil Engineering	07-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019

6	Master of Technology in Structural Engineering	07-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
7	Bachelor of Computer Applications	07-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
8	Master of Computer Applications	07-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
9	Bachelor of Business Administration	30-03-19	15-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
10	Master of Business Administration	30-03-19	15-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
11	Bachelor of Commerce	26-03-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
12	Bachelor of Arts (Hons) in English	20-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
13	Bachelor of Arts (Hons) in Economics	20-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
14	Bachelor of Arts (Hons) in Psychology	20-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
15	Bachelor of Science (Hons) in Chemistry	13-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
16	Bachelor of Science (Hons) in Mathematics	13-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
17	Bachelor of Science (Hons) in Physics	13-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
18	Bachelor of Science (Hons) in Agriculture	11-06-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
19	Bachelor of Arts (Hons) in Journalism and Mass Communication	30-03-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
20	Bachelor of Science in Animation and VFX	30-03-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
21	Bachelor of Science in Medical Radiology and Imaging Technology	13-04-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
22	Diploma in Pharmacy	13-04-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
23	Bachelor of Pharmacy	13-04-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
24	Bachelor of Science in Nutrition and Dietetics	13-04-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
25	Master of Science in Nutrition and Dietetics	13-04-19	18-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019
26	Bachelor of Hotel Management	04-06-19	26-06-19	13-07-19	10.08.2019	13.7.2019	1.6.2019

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Part F- Extra Curriculam Activities

Table 31: Extra Curriculum Activities (2019-20)

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	05.04.19
5	**Dharohar-Edge-19**	Event for showcasing engineering models and applications by students – Total Events 15	Dr. Doval , Doon University, Dehradun as Judge	05.4.19
6	**Dharohar- Ojas-19**	Events related business, social discourse and national issues. Total Events - 10	Mr. M. Srivastava , GM-Quality Mahindra Motors, Haridwar	06.04.19
7	**Dharohar – Odaan-19**	Sports Events Total Events -15	Mrs. & Air Marshal (Rtd) PK Roy	04.04.19
8	**Star Night**	Musical Extravaganza performed by Famous Singers of Bollywood	NIL	06.04.19

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Part G- Academic Results

Table 32: Result Analysis (Final Year Passing Out Students in 2019-20)

Program	Second (CGPA Below 6)	First (Between CGPA 6 and 7.5)	First with Distinction (Above CGPA 7.5)
Master of Technology	0.00%	100.00%	0.00%
Master of Technology	0.00%	100.00%	0.00%
B.Voc (AMT) Early Exit NSQF 6	25.00%	50.00%	25.00%
Master of Technology	0.00%	100.00%	0.00%
Master of Business Administration	0.00%	83.33%	16.67%
Diploma in Pharmacy	39.13%	45.65%	15.22%
Total	**25.64%**	**58.97%**	**15.38%**

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Part H- Graduate Outcome

H1- Industry Training Details

H2- Details of Company Visited in 2019-20

H3- Placements Details 2019-20

H1: Industrial Training Details

Table 34: Industrial Internship (2019-20)

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 2019-20

Table 35: Details of Company Visited (2019-20)

S.NO.	COMPANIES VISITED	S.NO.	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	SAMRIDDHA 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 & AEOLOGIC
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

Table36: Placements (2019-20)

S.No	Name of the outgoing students placed	Organization in which placed	Package committed per annum in Lakhs
1	AMIT KUMAR	Justdial	3.6
2	ANKIT LAKRA	Value Prospect	5.5
3	ANKUR JAIN	Quantum University	1.92
4	BIDISHA BAIDYA	IndusInd bank	2.4
5	DEEPAK BHANDARI	GlobalStep	3
6	HIMANI SAINI	IndusInd bank	2.4
7	ILA GUPTA	ExtraMarks	3
8	KALPANA ROHELA	ExtraMarks	3
9	Km PARUL SAINI	ICICI Bank	2.45
10	KM RIYA GAUTAM	Value Prospect	5.5
11	KRISHAN KUMAR	HRBUZZ Staffing Solution Pvt.Ltd	3
12	KUMARI RICHA	Value Prospect	5.5
13	NAVEEN RANA	Quantum University	2.24
14	NIPON BANERJEE	Value Prospect	5.5
15	NITIN TOMAR	COER	1.56
16	PARAS NEGI	Quantum University	2.1
17	RAHUL KUMAR KESHRI	HRBUZZ Staffing Solution Pvt.Ltd	3
18	RAUNAK SHRIVASTAVA	Justdial	3.6
19	RIYA GUPTA	Justdial	3.6
20	ROHIT ROY	IndusInd bank	3.6
21	SADHNA RAWAT	HTLC	7
22	SAUMAY SHARMA	Value Prospect	5.5
23	SHOBHIT PRAJAPATI	Quantum University	1.92
24	SHRUTI PRIYA	ExtraMarks	3
25	SHUBHAM KUMAR	IndusInd bank	2.2
26	SURINDER KUMAR	Quantum University	2.04