



The Future is
exciting

Quantum
UNIVERSITY
ROORKEE, INDIA

Growth
Unbound!

Date: August 29, 2022

To
The KAPILA Team
MoE's Innovation Cell
All India Council for Technical Education (AICTE), New Delhi


Dear Sir / Mam,

Subject: Formation and Approval of KAPILA committee

The following members have been selected as per the guidelines for approving the innovative ideas for KAPILA scheme.

Sl. No.	Name	Designation	Institute Name/Company	Contact No.	Email Address
1	Prof. Vivek Kumar	Chairperson	Vice-Chancellor, Quantum University	+919991881333	vicechancellor@quantumuniversity.edu.in
2	Mr. Prakhar Goyal	Industry expert	Managing Director, Kwaliti Machines and Natural Gas Equipment Pvt Ltd	+918755053650	kwalitimachinesnge@gmail.com
3	Mr. Dinesh Goyal	Industry expert	Managing Director, Ramaa Shyama Papers Pvt Ltd	+919837001615	din.dineshgoyal@gmail.com
4	Dr. Shweta Singh	Legal Advisor	Founder & CEO, EnnobleIP	+919958166931	shweta.singh@ennobleip.com
5	Mr. Mukesh Kumar	Faculty Member	Assistant Professor, Quantum University	+918295122477	mukeshkumar.me@quantumeducation.in

I hereby declare that the above-mentioned members have been selected for the KAPILA committee. They will further shortlist the innovative ideas for KAPILA submission from the submitted ideas at the institute level.




(Sign and Seal of Head of Institution)

Vice Chancellor
Quantum University
Roorkee, India

Minutes of Research Advisory Group / KAPILA Committee Meeting

The Research Advisory Group / KAPILA Committee meeting was held in the Board Room at Quantum University, Roorkee on September 03, 2022, from 10:30 am to 01:30 pm (Hybrid Mode) under the Chairmanship of Prof. (Dr.) Vivek Kumar, Vice-Chancellor, Quantum University for approving the shortlisted application to be filed as patents under the KAPILA scheme.

The following members of the committee attended the meeting:

Sl. No	Name	Designation	Institute Name/Company name	Contact No.	Email Address	Signature
1	Prof Vivek Kumar	Chairperson	Vice-Chancellor, Quantum University	+919991881333	vicechancellor@quantumuniversity.edu.in	
2	Mr. Prakhar Goyal	Industry expert	Managing Director, Kwalitiy Machines and Natural Gas Equipment Pvt Ltd	+918755053650	kwalitimachinesge@gmail.com	Online
3	Mr. Dinesh Goyal	Industry expert	Managing Director, Ramaa Shyama Papers Pvt Ltd	+919837001615	din.dineshgoyal@gmail.com	Online
4	Dr. Shweta Singh	Legal Advisor	Founder & CEO EnnobleIP	+919958166931	shweta.singh@ennobleip.com	Online
5	Mr. Mukesh Kumar	Faculty Member	Assistant Professor, Quantum University	+918295122477	mukeshkumar.me@quantumeducation.in	

The following applications have been identified for submission:

Sl. No	Title	Inventor Name	Co-Inventor Name	Department	Contact No.	Email	Type of Application	Accepted (A) / Rejected (R)
1	SYSTEM AND METHOD FOR DETECTING UNAUTHORIZED USERS USING DATA FORENSICS	Prof. (Dr.) Vivek Kumar (Vice Chancellor)	Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Rishi Sharma Mr. Ashish Saini Mr. Vishal Vig Mr. Abhishant Sharma Mr. Chinnu Lal	Dept. of Computer Application & Dept. of Computer Sciences & Engineering	+919760071971	vicechancellor@quantumuniversity.edu.in	Utility	Accepted





2	USB BASED SYSTEM AND METHOD FOR EXAMINATION OF DATA PACKETS	Dr. Amit Dixit (COE)	Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Anurag Chandana Mr. Himanshu Kumar Mr. Pundreekaksha Sharma Mr. Kuldeep Pal Ms. Anjali	Dept of Computer Application & Dept of Computer Sciences & Engineering	+918650505814	amitdixit.ece@quantumeducation.in	Utility	Accepted
3	Wireless Communication Device and Method	Mr. Sumit Katariya (Faculty)	Mr. Rajiv Kumar	Dept of Electrical & Electronic Engineering	+917017252858	sumitkatariya.ece@quantumeducation.in	Utility	Rejected
4	SYSTEM AND METHOD FOR DETECTING UNAUTHORIZED USERS USING EMAIL FORENSICS	Dr. Satender Kumar (Dean)	Mr. Rahul Mishra Ms. Sakshi Pandey Ms. Shalini Ms. Manvi Walia Dr. Manish Sharma Mr. Chunnu Lal Ms. Priyanka Kapila	Dept of Computer Application & Dept of Computer Sciences & Engineering	+917830118211	satenderkumar.cse@quantumeducation.in	Utility	Accepted
5	Enriched Flavour Composition	Mrs. Saloni Arora (Faculty)	Ms. Sneha Sarkar	Dept of Applied Medical Sciences	+918909144807	saloni.hs@quantumeducation.in	Utility	Rejected
6	OPERATING SYSTEM INDEPENDENT AND FILE INDEPENDENT COMPUTER SYSTEM AND METHOD FOR AUTHENTICATING A USER	Dr. Adarsh Malviya (Faculty)	Mr. Rahul Mishra Ms. Sakshi Pandey Ms. Madhulika Mittal Ms. Shilpy Sharma Dr. Satveer Kumar Mr. Ashish Saini	Dept of Computer Application & Dept of Computer Sciences & Engineering	+917042055476	aadarsh.cse@quantumeducation.in	Utility	Accepted
7	Mobile and IoT device forwarding to the cloud	Mr. Ankur Rana (Faculty)	Mr. Rishi Sharma	Dept of Computer Application & Dept of Computer Sciences & Engineering	+919639294667	ankurrana.cse@quantumeducation.in	Utility	Rejected
8	Cutting Tool	Mr. Surinder Kumar (Faculty)	Mr. Ankur Jain	Dept of Mechanical Engineering	+919058846177	surinderkumar.me@quantumeducation.in	Design	Rejected
9	Pharmaceutical Composition and method of manufacturing	Mr. Vaibhav Rath (Faculty)	Dr. Santosh	Department of Pharmacy	+917669959655	vaibhav.hs@quantumeducation.in	Utility	Rejected

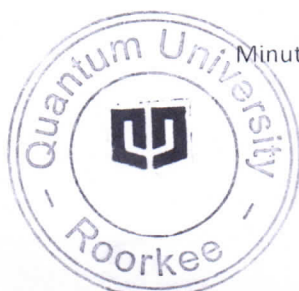
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10	SYSTEM AND METHOD FOR ENCRYPTING HIDDEN FILES	Dr. Chandani Sharma (Faculty)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Vineet Kumar Salar Ms. Riya Walia Mr. Rishi Sharma Mr. Deepak Bhatt Mr. Mitender Kumar	Dept of Computer Application & Dept of Computer Sciences & Engineering	+918958308881	chandanisharma.ece@quantumeducation.in	Utility	Accepted
11	SYSTEM AND METHOD FOR ANALYSING USER HISTORY	Prof. (Dr.) Manish Sharma (Director)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Ms. Saraswati Kumari Ms. Reshoo Devi Prof. (Dr.) Vivek Kumar Mr. Ankur Rana Mr. Himanshu Sharma	Dept of Computer Application & Dept of Computer Sciences & Engineering	+919950696855	director@quantumeducation.in	Utility	Accepted
12	Adjustable Soap Holder	Mr. Paritosh Tomar (Faculty)	NA	Dept. of Mechanical Engineering	+917906721886	paritosh tomar123@gmail.com	Design	Rejected
13	SYSTEM AND METHOD FOR ANALYZING SLACK SPACE	Dr. Satveer (Faculty)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Ms. Seema Gulati Ms. Anjali Dr. Adarsh Malviya Mr. Montu Sami Ms. Saraswati Kumari	Dept of Computer Application & Dept of Computer Sciences & Engineering	+919897731079	satveer.cse@quantumeducation.in	Utility	Accepted
14	Fertiliser Composition, Method of Preparation and method of use	Ms. Pooja Bharthwal (Faculty)	Mr. Naveen Chandra	Dept of Agricultural Studies	+917037272858	poojabarthwalagr@quantumeducation.in	Utility	Rejected
15	SYSTEM AND METHOD FOR DETECTING ANOMALIES IN A SYSTEM	Dr. Satender Kumar (Dean)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Harshit Sharma Mr. Deepak Bhatt Mr. Montu Sami Ms. Reena Rauthan Mr. Pundreekaksha Sharma	Dept of Computer Application & Dept of Computer Sciences & Engineering	+917830118211	satenderkumar.cse@quantumeducation.in	Utility	Accepted
16	Child resistant medicine box	Mr. M. Kannan (Faculty)	Mr. Mukesh Kumar	Dept of Mechanical Engineering	+919756315554	mkannan.me@quantumeducation.in	Design	Rejected

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17	SYSTEM AND METHOD FOR GATHERING INFORMATION ABOUT UNAUTHORISED PERSON	Dr. Swati Rawat (Faculty)	Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Vishal Vig Mr. Vivek Kumar Dr. Chandani Sharma Mr. Himanshu Sharma Mr. Kuldeep Pal	Dept of Computer Application & Dept of Computer Sciences & Engineering	+919760025142	swati.cse@quantumeducation.in	Utility	Accepted
18	SYSTEM AND METHOD FOR IDENTIFYING ATTACKS FROM DIFFERENT ROUTES IN A NETWORK	Prof. (Dr.) Vivek Kumar (Vice Chancellor)	Mr. Rahul Mishra Ms. Sakshi Pandey Ms. Priyanka Kapila Mr. Anurag Chandana Dr. Swati Rawat Dr. Amit Dixit Mr. Ankur Rana	Dept of Computer Application & Dept of Computer Sciences & Engineering	+919760071971	vicechancellor@quantumuniversity.edu.in	Utility	Accepted
19	Apparatus to aid walking for blind	Mr. Vivek Kumar Sharma (Faculty)	Mr. Mukesh Kumar	Dept of Mechanical Engineering	+919027316709	vivekkumarsharma.me@quantumeducation.in	Utility	Rejected
20	Pocket Cap Cork Opener	Mr. Himanshu Kandpal (Faculty)	Mr. Iwansh Gupta Mr. Shubham Kumar Mr. Pavan Kumar Mr. Varshney Mr. Mukesh Kumar Mr. Yash Kumar Goel	Dept of Civil & Petroleum Engineering Dept of Mechanical Engineering	+919536356925	himanshu.ce@quantumeducation.in	Design	Accepted
21	Polymer Casting Die	Mr. Pritosh Tomar (Faculty)	Mr. Mukesh Kumar Prof. Prakash Chandra Gope Prof. Vinay Kumar Singh Dr. Sakshi Chauhan Prof. Ajay Aggarwal Prof. Lokesh Varshney	Dept of Mechanical Engineering	+917906721886	paritoshtomar123@gmail.com	Design	Accepted
22	Resin composition, Method for forming cured product	Ms. Nikita Tyagi	NA	Dept. of Applied Medical Sciences	+918307005795	nikita.hs@quantumeducation.in	Utility	Rejected
23	DUSTBIN	Dr. Mehak (Faculty)	Mr. Tushar Sharma Mr. Mukesh Kumar	Department of Business Administration Dept of Mechanical Engineering	+918218353257	mehak.qsb@quantumeducation.in	Design	Accepted
24	BAKERY FOOD COMPRISING MORINGA LEAF POWDER AND BARNYARD FLOUR	Ms. Niharika Vardhan Saxena (Faculty)	Ms. Sneha Sarkar	Dept of Applied Medical Sciences	+917906563568	niharika.hs@quantumeducation.in	Utility	Accepted

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25	READY-TO-EAT COMPOSITION	Dr. Aditya Lama (Faculty)	Dr. Gaurav Aggarawal Mr. Pradeep Kumar Verma Dr. Neha Dahiya Dr. Avinash Varma Ms. Pooja Barthwal Mr. Anjil Kumar Dr. Anjay Singh Bisht Mr. Naveen Chandra	Dept of Agricultural Studies	+916296884961	aditya.agr@quantumeducation.in	Utility	Accepted
26	Home Automation	Mr. Ankur Jain (Faculty)	NA	Dept of Mechanical Engg	+919997123666	ankurjain.me@quantumeducation.in	Utility	Rejected
27	Mixer for mixing nail polish	Mr. Rajiv Kumar (Faculty)	Mr. Kuldeep Pal	Dept of Electrical and Electronic Engineering	+919896970474	rajiv.ee@quantumeducation.in	Utility	Rejected
28	Smart Retail area with software management system	Mr. Chhanna Lal (Faculty)	NA	Dept of Computer Sciences & Engineering	+919557321202	chhunnal.cse@quantumeducation.in	Utility	Rejected
29	A ZERO TRUST SECURITY SYSTEM AND A METHOD FOR IMPLEMENTING THE SAME	Prof. (Dr.) Vivek Kumar (Vice Chancellor)	Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Rishi Sharma Mr. Kuldeep Pal Mr. Vishal Vig Mr. Abhishant Sharma Mr. Chhanna Lal	Dept of Computer Application Dept of Computer Sciences & Engineering	+919760071971	vicechancellor@quantumuniversity.edu.in	Utility	Accepted
30	A SYSTEM AND A METHOD FOR IDENTIFYING GENUINE PRODUCTS	Dr. Manish Sharma (Director)	Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Ankur Rana Ms. Reshoo Devi Dr. Sayar Singh Shekhawat Mr. Harshit Sharma Mr. Himanshu Sharma	Dept of Computer Application Dept of Computer Sciences & Engineering	+919950696855	director@quantumeducation.in	Utility	Accepted

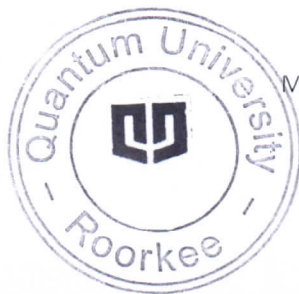
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31	AN ENVIRONMENT AND A METHOD FOR MANAGING DIGITAL EVIDENCES	Dr. Satender Kumar (Dean)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Ms. Shalini Ms. Manvi Walia Dr. Manish Sharma Mr. Chunnu Lal Mrs. Priyanka Kapila	Dept of Computer Application Dept of Computer Sciences & Engineering	+917830118211	satenderkumar.cse@quantumeducation.in	Utility	Accepted
32	Lubricating oil Composition	Mr. Pankaj Mishra (Faculty)	NA	Dept of Civil & Petroleum Engineering	+916393016914	pankaj.pe@quantumeducation.in	Utility	Rejected
33	AN ENVIRONMENT AND A METHOD FOR MANAGING CROP PROTECTION DETAILS	Dr. Chandani Sharma (Faculty)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Vineet Kumar Salar Ms. Riya Walia Mr. Rishi Sharma Mr. Deepak Bhatt Mr. Mitender Kumar	Dept of Computer Application Dept of Computer Sciences & Engineering	+918958308881	chandani.sharma.cse@quantumeducation.in	Utility	Accepted
34	AN ENVIRONMENT AND A METHOD FOR MANAGING SUPPLY CHAIN INFORMATION	Mr. Himanshu Tyagi (Faculty)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Vishal Vign Mr. Vivek Kumar Dr. Chandani Sharma Mr. Himanshu Sharma Mr. Kuldeep Pal	Dept of Computer Application Dept of Computer Sciences & Engineering	+919756042019	himanshu.cse@quantumeducation.in	Utility	Accepted
35	Composition for Boosting the Immune System	Mr. Sneha Sarkar	Ms. Nikita Tyagi Mrs. Saloni Arora	Dept. of Applied Medical Sciences	+919875357896	sneha.hs@quantumeducation.in	Utility	Rejected
36	AN ENVIRONMENT AND A METHOD FOR MANAGING DOCUMENTS IN A DISTRIBUTED LEDGER	Dr. Amit Dixit (COE)	✓ Mr. Rahul Mishra Ms. Sakshi Pandey Mr. Anurag Chandana Mr. Himanshu Kumar Mr. Pundreekaksha Sharma Mr. Ashish Sami Mrs. Shilpi Sharma	Dept of Computer Application Dept of Computer Sciences & Engineering	+918650505814	amitdixit.cse@quantumeducation.in	Utility	Accepted

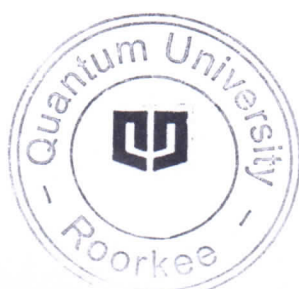
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37	An Environment And A Method For Managing Renewable Energy Information	Dr. Sayar Singh Shekhawat (Registrar)	✓ Mr Rahul Mishra Ms Sakshi Pandey Mrs Madhulika Mittal Mrs Shilpy Sharma Dr Satveer Mr Mitender Kumar Mr Ashish Saini	Dept of Computer Application Dept of Computer Sciences & Engineering	+919368111500	registrar@quantumeducation.in	Utility	Accepted
38	Auto-Gradient Combination for pixel compensation	Mrs. Anjali Dubey	NA	Dept of Electrical & Electronic Engineering	+917836962591	anjali.ece@quantumeducation.in	Utility	Rejected
39	Multistorage box	Mr. Mohit Kumar (Faculty)	Mr Himanshu Kandpal	Dept of Civil & Petroleum Engineering Dept of Mechanical Engineering	+919536503555	mohit.ee@quantumeducation.in	Design	Rejected
40	An Environment And A Method For Managing Lifecycle Of A Vehicle	Dr. Satveer (Faculty)	✓ Mr Rahul Mishra Ms Sakshi Pandey Mr Parminder Singh Mrs Anjali Mr Himanshu Tyagi Mr Monti Saini Mrs Saraswati Kumari	Dept of Computer Application Dept of Computer Sciences & Engineering	+919897731079	satveer.cse@quantumeducation.in	Utility	Accepted
41	Continuous Air Monitoring System	Mr. Deepak Bhatt	NA	Dept of Computer Sciences & Engineering	+918171154562	deepakbhatt.cse@quantumeducation.in	Utility	Rejected
42	A system to analyse and summarize the files and folders of windows device via regular auditing	Prof. (Dr.) Vivek Kumar (Vice Chancellor)	✓ Mr Rahul Mishra Ms Sakshi Pandey Mrs Priyanka Kapila Mr Anurag Chandana Dr. Amrita Mr Parminder Singh Mr Ankur Rana	Dept of Computer Application Dept of Computer Sciences & Engineering	+919760071971	vicechancellor@quantumuniversity.edu.in	Utility	Accepted
43	A System And A Method For Preventing Denial Of Service (Dos) attacks	Dr. Satender Kumar (Faculty)	✓ Mr Rahul Mishra Ms Sakshi Pandey Mr Harshit Sharma Mr Deepak Bhatt Mr Monti Saini Ms Reena Rauthan Mr Pundreeka ksha Sharma	Dept of Computer Application Dept of Computer Sciences & Engineering	+917830118211	satenderkumar.cse@quantumeducation.in	Utility	Accepted

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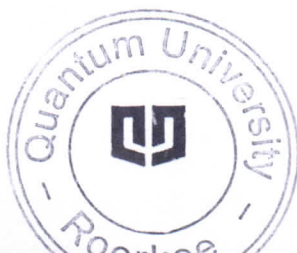


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44	Health Monitoring System	Mr. Vishal Vig	Mr. Rishi Sharama	Dept of Computer Sciences & Engineering	+918859521020	vishalvig.cse@quantumeducation.in	Utility	Rejected
45	Digitalized Resonance Tube (DRT)	Dr. Chiranjit Manjhi	Dr. Ajay Kumar Sharma	Department of Sciences	+919007742875	chiranjit.asc@quantumeducation.in	Utility	Rejected
46	EMULGEL OF CLOTRIMAZOLE AND METHOD OF MANUFACTURING THE SAME	Dr. Himanshu Chaurasia (Faculty)	✓ Mr. Himansu Chopra Ms. Manali Gupta Mr. Talever Singh Mr. Akash Garg Dr. Santosh Kumar Verma Mr. Himanshu Kumar Dr. Ashwani Kumar Dr. Kuldeep Singh Er. Mukesh Kumar	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Accepted
47	Skin Care Composition Of Pleiogynium And Photoprotection	Dr. Himanshu Chaurasia (Faculty)	✓ Dr. Bhawana Bhatt Dr. Sudhakar Kaushik Dr. Sharad Prakash Pandey Dr. Ritesh Rana Mr. Anurag Chourasia Dr. Gyanendra Kumar Sharma Dr. Amrishi Kumar Mr. Himanshu Chopra Er. Mukesh Kumar	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Accepted
48	Foldable Fitness Mat	Mr. Shobit Goyal	Mr. Mukesh Kumar Mr. M Kannan	Dept of Mechanical Engineering	+919897618767	vc@quantumeducation.in	Design	Accepted

There was a submission of 48 applications (40 Utility and 08 Design) from the Dept of Mechanical Engineering, Dept of Electrical & Electronics Engineering, Dept of Civil & Petroleum Engineering, Dept of Computer Sciences and Engineering, Dept of Computer Application, Dept of Pharmacy, Dept of Applied Medical Sciences, Dept of Agricultural Studies and Department of Sciences of the institute which was presented by faculty and

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The Future is
exciting

Quantum
UNIVERSITY
ROORKEE, INDIA

Date: December 23, 2022

To
The KAPILA Team
MoE's Innovation Cell
All India Council for Technical Education (AICTE), New Delhi

Dear Sir / Mam,

Subject: Formation and Approval of KAPILA committee

The following members have been selected as per the guidelines for approving the innovative ideas for KAPILA scheme.

SR No	Designation	Name	Institute /Company name	Contact No.	Email Address
1.	Chairperson	✓ Prof. Vivek Kumar	Quantum University	+919991881333	vicechancellor@quantumuniversity.edu.in
2.	Industry expert	✓ Mr. Prakhar Goyal	Kwality Machines and Natural Gas Equipment Pvt Ltd	+918755053650	kwalitymachinesnge@gmail.com
3.	Industry expert	✓ Mr. Dinesh Goyal	Ramaa Shyama Papers Pvt Ltd	+919837001615	din.dineshgoyal@gmail.com
4.	Legal Advisor	✓ Dr. Shweta Singh	EnnobleIP	+919958166931	shweta.singh@ennobleip.com
5.	Faculty Member	✓ Mr. Mukesh Kumar	Quantum University	+918295122477	mukeshkumar.me@quantumeducation.in

I hereby declare that the above-mentioned members have been selected for the KAPILA committee. They will further shortlist the innovative ideas for KAPILA submission from the submitted ideas at the institute level.


(Sign and Seal of Head of Institution)

Vice Chancellor
Quantum University
Roorkee, India

Minutes of Research Advisory Group / KAPILA Committee Meeting

The Research Advisory Group / KAPILA Committee meeting was held in the Board Room at Quantum University, Roorkee on June 12, 2023, from 10:30 am to 01:30 pm (Hybrid Mode) under the Chairmanship of Prof. (Dr.) Vivek Kumar, Vice-Chancellor, Quantum University for approving the shortlisted application to be filed as patents under the KAPILA scheme.

The following members of the committee attended the meeting:

Sl. No.	Name	Designation	Institute Name/Company name	Contact No.	Email Address	Signature
1	Prof Vivek Kumar	Chairperson	Vice-Chancellor, Quantum University	+919991881333	vicechancellor@quantumuniversity.edu.in	Vivek Kumar 12/06/23
2	Mr. Prakhar Goyal	Industry expert	Managing Director, Kwalitiy Machines and Natural Gas Equipment Pvt Ltd	+918755053650	kwalitiymachinesge@gmail.com	Online
3	Mr. Dinesh Goyal	Industry expert	Managing Director, Ramaa Shyama Papers Pvt Ltd	+919837001615	din.dineshgoyal@gmail.com	Online
4	Dr. Shweta Singh	Legal Advisor	Founder & CEO EnnobleIP	+919958166931	shweta.singh@ennobleip.com	Online
5	Mr. Mukesh Kumar	Faculty Member	Assistant Professor, Quantum University	+918295122477	mukeshkumar.me@quantumeducation.in	Mukesh Kumar 12.06.23

The following applications have been identified for submission:

Sl. No.	Title	Inventor Name	Co-Inventor Name	Department	Contact No.	Email	Type of Application	Accepted (A) / Rejected (R)
1.	Ofloxacin bioadhesive gel microspheres	Dr. Himanshu Chaurasia (Faculty)	Ms. Urmi Chaurasia Ms. Gauree Kukreti Dr. Ritesh Rana Ms. Priyanka Devi Ms. Sonia Aggrawal Ms. Alka Singh Ms. Shalu Verma Dr. Satya Prakash Vishnoi Dr. Shatakshi Mr. Mukesh Kumar	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Accepted

2.	Taste Masked Powder For Suspension Composition Of Ondansetron Hydrochloride	Dr. Himanshu Chaurasia (Faculty)	Mr. Himanshu Chopra Mr. Akash Garg Ms. Rutvi Agrawal Dr. Devender Pathak Dr. Sachin Kumar Mr. Rakesh Sahu Mr. Mukesh Kumar Mr. Kuleshwar Sahu	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Accepted
3.	System For Providing Wireless Internet Mobile Communication Service And Method Of The Same	Mr. Kuldeep Pal	Mr. Rajiv Kumar	Dept of Computer Sciences & Engineering	+919992309029	kuldeep.cse@quantumeducation.in	Utility	Rejected
4.	Mobile Crushing Machine	Mr. Ankur Jain	Mr. Surinder Kumar	Dept of Mechanical Engineering	+919997123666	ankurjain.me@quantumeducation.in	Utility	Rejected
5.	Luliconazole microsponge topical formulation	Dr. Himanshu Chaurasia (Faculty)	Dr. Ritesh Rana Ms. Priyanka Devi Ms. Gauree Kukreti Mr. Amit kumar Kaundal Ms. Alka Singh Ms. Shalu Verma Mr. Himanshu Kumar Mr. Mukesh Kumar Dr. Amrisha	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Accepted
6.	Toy Construction System With Control Using Robotics	Mr. Mukesh Kumar	Mr. M. Kannan	Dept of Mechanical Engineering	+918295122477	mukeshkumar.me@quantumeducation.in	Utility	Rejected
7.	Cloud Computing System For Robotics Control	Mr. Mukesh Kumar	Mr. M. Kannan	Dept of Mechanical Engineering	+918295122477	mukeshkumar.me@quantumeducation.in	Utility	Rejected
8.	Real Time Video Surveillance System And Method For Video Surveillance In Dense	Mr. Himanshu Tyagi (Faculty)	Prof. (Dr.) Vivek Kumar Dr. Gaurav Kumar	Dept of Computer Sciences & Engineering	+919756042019	himanshu.cse@quantumeducation.in	Utility	Accepted

Himanshu Chaurasia

Vice Chancellor
Quantum University
Roorkee, India

9.	An Improved Clay Ball Making Machine And A Method Thereof	Ms. Kusum Rawat (Faculty)	Dr. Anjay Singh Bisht Ms. Shivani Tyagi Dr. Aditya lama Ms. Sneha Sarkar Ms. Ishita Singh	Dept of Agricultural Studies	+919918560165	kusumrawat.agr@quantumeducation.in	Utility	Accepted	5
10.	Adjustable Spanner Design	Mr. Mukesh Kumar	Dr. Amit Dixit Mr. Surender Kumar	Dept of Mechanical Engineering	+918295122477	mukeshkumar.me@quantumeducation.in	Design	Accepted	
11.	Beach Sand Cleaner	Mr. Mukesh Kumar	Mr. M. Kannan Dr. Aditya Lama Dr. Ashish Saini	Dept of Mechanical Engineering	+918295122477	mukeshkumar.me@quantumeducation.in	Design	Accepted	
12.	Self Folding Dining Table	Mr. M. Kannan	Mr. Mukesh Kumar	Dept of Mechanical Engineering	+919756315554	mkannan.me@quantumeducation.in	Design	Rejected	
13.	Custom Lamp Design	Mr. Mukesh Kumar	Dr. Amit Dixit	Dept of Mechanical Engineering	+918295122477	mukeshkumar.me@quantumeducation.in	Design	Accepted	
14.	One Hand Thumb Book Holder	Mr. Mukesh Kumar	Mr. Parmesh Dutt Mr. Rajiv Kumar Mr. Virendra Kumar Mr. Arya Mr. Kuldeep Pal	Dept of Mechanical Engineering	+918295122477	mukeshkumar.me@quantumeducation.in	Design	Accepted	
15.	Herbicidal Surfactant Formulations	Dr. Himanshu Chaurasia (Faculty)	Dr. Santosh Kumar Verma	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Rejected	
16.	A Crop Management System And A Method For Managing Crops	Mr. Himanshu Tyagi (Faculty)	Ms. Himani Tyagi Dr. Satender Kumar Mr. Sachin Kumar	Dept of Computer Sciences & Engineering	+919756042019	himanshu.cse@quantumeducation.in	Utility	Accepted	6
17.	Opening Apparatus For Jar or Bottle	Mr. Parmesh Dutt	Mr. Mukesh Kumar	Dept of Hospitality and Tourism	+917015185731	parmesh.hm@quantumeducation.in	Design	Rejected	
18.	System And Method For Intelligent Student Profiling And Analysis Using Machine Learning	Mr. Himanshu Tyagi (Faculty)	Ms. Himani Tyagi Dr. Satender Kumar	Dept of Computer Sciences & Engineering	+919756042019	himanshu.cse@quantumeducation.in	Utility	Accepted	7

Vinod Kumar

Vice Chancellor
Quantum University
Roorkee, India

19.	A Ready To Serve Beverage With High Dietary Fiber	Dr. Aditya Lama (Faculty)	Ms. Sneha Sarkar Dr. N. Murugalatha Mr. Mukesh Kumar Ms. Niharika Vardhan Saxena Ms. Ishita Singh Ms. Saloni Arora Ms. Kusum Rawat	Dept of Agricultural Studies	+916296884961	aditya.agr@quantumeducation.in	Utility	Accepted
20.	Ocular Insert Composition Comprising Acyclovir	Dr. Himanshu Chaurasia (Faculty)	Ms. Gauree Kukreti Ms. Kriti Dabral Dr. C. Nithya Shanthi Ms. Alka Singh Ms. Reetika Gupta Ms. Durga Uniyal Mr. Vishal Kapoor Dr. Ritesh Rana Ms. Priyanka Devi	Dept of Pharmacy	+919450081269	himanshu.hs@quantumeducation.in	Utility	Accepted
21.	Integrated System of Hydroponics with Aquaponics for Accelerating Plant Growth	Mr. Anjil Kumar (Faculty)	Mr. Pawan Kumar Yadav Mr. Ankit Rai Ms. Kavya Roy Ms. Preety Kumari Ms. Divya Singh Ms. Gangeshwari Kujur Mr. Rhonit Raj Ranjan Mr. Nishant Kumar	Dept of Agricultural Studies	+917055359767	anjil.agr@quantumeducation.in	Utility	Accepted

There was a submission of **21 applications (15 Utility and 06 Design)** from the Dept of Mechanical Engineering, Dept of Computer Sciences and Engineering, Dept of Computer Application, Dept of Pharmacy, Dept of Applied Medical Sciences, Dept of Agricultural Studies and Department of Hospitality & Tourism of the institute which was presented by faculty and student innovator. After detailed discussion and deliberation, the 10 Utility and

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04 Design applications have been accepted, 05 Utility and 02 Design applications has been rejected and **10** Utility applications are finalised for submission to the KAPILA scheme.

Vivek Kumar
12/06/23

(Sign of Head of Institution)



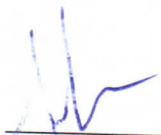
Vice Chancellor
Quantum University
Roorkee, India

KAPILA SCHEME


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Permanent ID of Institute	U-0950
Name and address of the Institute	Quantum University 22km Mile Stone, Mandawar, Roorkee- Dehradun Highway (NH-73), Roorkee-247667 (Uttarakhand) India
Name of Head of Institute	Prof. (Dr.) Vivek Kumar
Mobile No.	+919991881333
Landline No.	
Email id :	vicechancellor@quantumuniversity.edu.in
Name of Inventors:	Dr. Himanshu Chaurasia Ms. Urmi Chaurasia Ms. Gauree Kukreti Dr. Ritesh Rana Ms. Priyanka Devi Ms. Sonia Aggrawal Ms. Alka Singh Ms. Shalu Verma Dr. Satya Prakash Vishnoi Dr. Shatakshi Mr. Mukesh Kumar

EXPENDITURE DETAILS FOR FILED PATENT APPLICATION		
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1.	Patent application filling fee	1600
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Total		Rs. 5600
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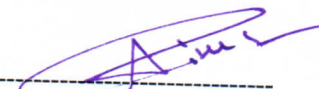

Signature of Inventor

Name : Dr. Himanshu Chaurasia
Designation : Professor
Mobile No. +919450081269


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Name : Prof. (Dr.) Vivek Kumar
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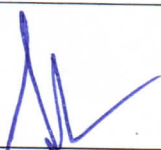
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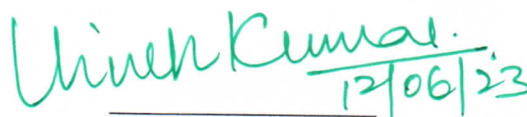


Signature of Inventor

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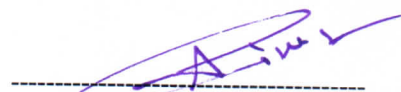
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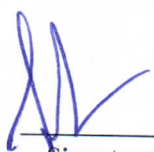
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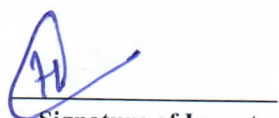
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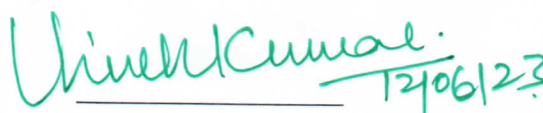
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Name of Inventors:	Mr. Himanshu Tyagi Prof. (Dr.) Vivek Kumar Dr. Gaurav Kumar

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Name : Prof. (Dr.) Vivek Kumar
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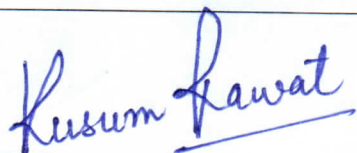
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Name of Inventors:	Ms. Kusum Rawat Dr. Anjay Singh Bisht Ms. Shivani Tyagi Dr. Aditya lama Ms. Sneha Sarkar Ms. Ishita Singh

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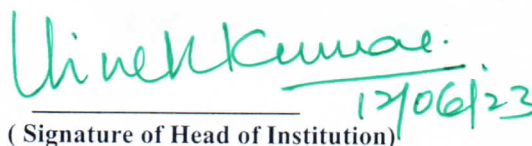


Signature of Inventor

Name : Ms. Kusum Rawat

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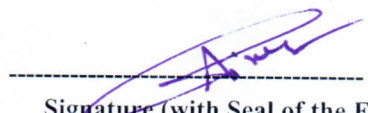
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Name : Prof. (Dr.) Vivek Kumar

Designation : Vice-Chancellor

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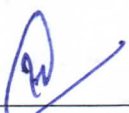
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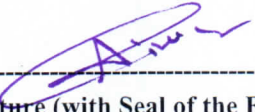
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Email id :	vicechancellor@quantumuniversity.edu.in
Name of Inventors:	Mr. Himanshu Tyagi Ms. Himani Tyagi Dr. Satender Kumar Mr. Sachin Kumar

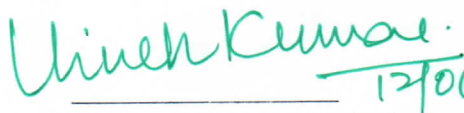
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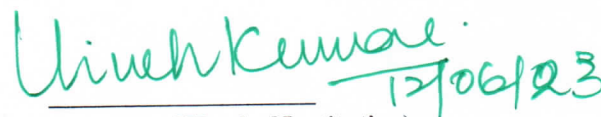
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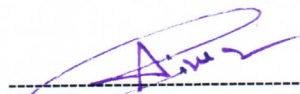


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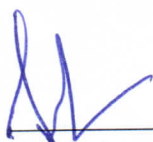
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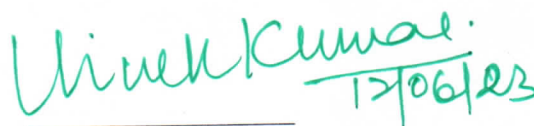
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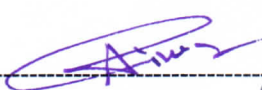
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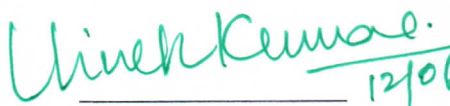
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Name : Mr. Anjil Kumar
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