

QUANTUM UNIVERSITY



ANNUAL REPORT ON ENTREPRENEURSHIP & INNOVATIONS (E&I)



ACADEMIC YEAR 2022-2023



Quantum University Annual Report on Entrepreneurship and Innovations *Academic* *Year 2022-2023*

Section 1: Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in Quantum University

1.1) Activeness of Trained Innovation Ambassadors in Driving Campus I&E Ecosystems in Quantum University: Trained IA/Quantum University and No. of Prescribed Activities undertaken by IA

S No.	Name of the Faculty IA	Level of Training
1	Karan Babar	Basic
2	Karan Babar	Advance
3	Vaibhav Rathi	Basic
4	Mukesh Kumar	
5	Vaibhav Rathi	Basic
6	Mukesh Kumar	Advance
7	Dr. Himanshu Chaurasia	Basic
8	Dr. Himanshu Chaurasia	Advance
9	Dr. Ashish Saini	Basic


Registrar
Quantum University



10	Dr. Ashish Saini	Advance
11	Dr. Amrita Kumari	Basic
12	Dr. Amrita Kumari	Advance
13	Ankur Rana	Basic
14	Ankur Rana	Advance
15	Dr. Nirmesh Sharma	Basic
16	Dr. Nirmesh Sharma	Advance
17	Amit Kumar	Basic
18	Dr. Aditya Lama	Basic
19	Dr. Aditya Lama	Advance
20	Shruti Rawat	Basic
21	M. Kannan	Basic
22	M. Kannan	Advance


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1.2) Participation in KAPILA/SIH Program

HEI Registered in the KAPILA Portal	U-0950	Yes
HEI Participated in the Smart India Hackathon (2023)	U-0950	Yes



Section 2: Teaching and Learning: Academic Programs related to Innovation and Entrepreneurship (I&E) Offered by Quantum University

2.1) Academic Courses in Innovation, Entrepreneurship and IPR

S No.	Title of Course	Course Code	Academic Year	Type of Course	Level of Course	Course Offering Department/ Centre/ Unit Name	Total Credit Score	Course Start Date	Course End Date	Total Duration of the Course (in Days)	Total Number of Contact Hours of the Course	Mode of Delivery	Total benefits under
1	Entrepreneurship Development and Business	AG3603	2021-22	Core Course	Bachelor	School of Agricultural Studies	2	09-02-2022	05-05-2022	86	30	Online	105
2	Communication Entrepreneurship Development	BB3602	2021-22	Elective Course	Bachelor	Commerce	4	09-02-2022	05-05-2022	86	42	Online	17
3	Entrepreneurship Development	BB3602	2021-22	Core Course	Bachelor	BBA	4	19-02-2022	14-05-2022	85	40	Online	86
4	Entrepreneurial Environment in India	BB3011	2021-22	Core Course	Bachelor	BBA-Minor	3	19-02-2022	14-05-2022	85	34	Online	65
5	E-Commerce	BB3015	2021-22	Core Course	Bachelor	BBA-Minor	3	19-02-2022	01-05-2022	72	35	Online	65
6	Start-up Schemes and Project	BB3016	2021-22	Core Course	Bachelor	BBA-Minor	3	19-02-2022	14-05-2022	85	35	Online	65



2.2) Non-Academic Courses in Innovation, Entrepreneurship and IPR

S No.	Title of Course	Academic Year	Type of Certificate Program	Certificate Program/MDP/FDP /EDP Sponsored/Supported by	Certificate Program Offering Department/ Centre/ Unit Name	Program Start Date	Program End Date	Total Duration of the Course (in Days)	Total Numbers of Contact Hours of the Course	Mode of Delivery
1	Bharat Pitchathon & The Investor Master class	2022-23	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	The Genesis-Quantum Innovation Council	24-08-2022	30-08-2022	5	30	Blended Mode
2	FDP & Entrepreneurship Awareness Session	2022-23	Short-term Certificate Program	Self Sponsored/Supported	The Genesis-Quantum Innovation Council	28-11-2022	02-12-2022	5	30	Blended Mode
3	Four Days "Entrepreneurship Master Class focused on MSME"	2022-23	Entrepreneurship Development Program (EDP)	Self Sponsored/Supported	The Genesis-Quantum Innovation Council	10th, 14th, 22nd and	23-02-2023	4	30	Blended Mode
4	STARTUP ENCLAVE CUM PROJECT EXPO 2023	2022-23	Short-term Certificate Program	Self Sponsored/Supported	The Genesis-Quantum Innovation Council	03-04-2023	08-04-2023	6	35	Blended Mode



4	Workshop on National Intellectual Property Awareness Mission (NIPAM)	2022-23	Short-term Certificate Program	Self Sponsored/Supported	The Genesis-Innovation Council	05-04-2023	09-04-2023	5	32	Online
5	Entrepreneurship Awareness Camp	2022-23	Faculty Development Program (FDP)	Self Sponsored/Supported	The Genesis-Innovation Council	01-05-2023	05-05-2023	5	32	Online



Section 3: Start-ups/Ventures Established and Supported at the Genesis – QU Innovation Council

3.1) Startups Supported by Quantum University in Previous Years

S No.	Name of Startup	Brief Description
1	Zeromonk Private Limited	Zeromonk Pvt Ltd caters to client software solutions & provides marketing aid with the main goal to create an educational community for the betterment of students' life and provide them good quality courses, internships, mentorships & jobs.
2	DreamQuark	Dream Quark which works in empowering the students in robotics by providing handson training and experience on various robots. They provide courses in robotics like Mechanical, Civil, Electronics, and Computer Science for solving the entire task be it designing the robots programming part and circuits.
3	Macle Soft	Macle Soft is a start-up that provides professional services in the field of Website, Mobile Applications, IoT, Native Software, and other IT Solutions. Macle Soft is a team of creative professionals who will bring



		your small business to the next level.
4	Mini Meal'z	Mini Meal'z targets the students of colleges/universities situated on the outskirts of cities. They aim to provide pocket-friendly meals to the students who can enjoy the best food while residing in their respective outskirts.
5	Daze infinity	Dazeinfinity harnesses the power of cognitive computing, hyper-automation, robotics, cloud, analytics, and emerging technologies to help clients successfully adapt to the digital world. Its mission is to build a platform to connect clients with IT companies.
6	Anonic Technologies	Anonic Technologies services are designed to simplify the IT environment for the customers globally via different services like Website Designing & Development, Graphic & Animation Designing & Mobile Application Development & Web Application Security.
7	Kumas Fabric	Founder of Kumas Fabric, Nikunj Garg has started his startup dealing in stain-free and durable fabric with 20 years of shelf life.




3.2) Startups for the Reporting Year

S No	Details of Incubated/Supported Startups	
1.	Anagh	
	Description About Startup	<p>Anagh is a company that specializes in the production of concentrated liquid cleaning solutions. These concentrated liquids are designed to be mixed with water, making them versatile and suitable for a wide range of cleaning purposes. Anagh's products are formulated with a focus on eco-friendliness and the use of natural ingredients.</p> <p>Key features of Anagh's concentrated cleaning solutions include their effectiveness in cleaning various surfaces and their commitment to avoiding harmful chemicals commonly found in traditional cleaning products. This approach aligns with the growing demand for sustainable and environmentally friendly cleaning solutions.</p> <p>Anagh's concentrated liquids are suitable for both residential and commercial use, providing an effective and eco-conscious option for individuals and businesses looking for natural and affordable cleaning solutions. Whether it's for glass cleaning, floor cleaning, hand washing, bathroom cleaning, or laundry, Anagh's concentrated liquids offer a convenient and eco-friendly solution.</p>
	Stage	Testing and validation




	Team Members	<p>The board includes below following</p> <ul style="list-style-type: none"> Abhishek Kumar (FOUNDER)
	Sector	<ul style="list-style-type: none"> Consumer Good Circular Economy
	USP	Anagh's Unique Selling Proposition (USP) is rooted in ecofriendliness, versatility, and effectiveness. Offering concentrated cleaning solutions, Anagh stands out by using natural ingredients,

		<p>avoiding harmful chemicals. These products can be easily mixed with water to suit various cleaning needs, promoting costeffectiveness and reducing packaging waste. Anagh's affordability and convenience make eco-friendly cleaning accessible to a wide range of consumers. Furthermore, these multi-purpose solutions are highly effective in cleaning tasks, from glass and floors to hands and bathrooms, making Anagh a top choice for those seeking both environmental consciousness and cleaning efficiency.</p>
	Logo	

MILLET UPSHOT		
2.	Description About Startup	<p>Welcome to Millet Upshot, where we're redefining the way you think about protein supplement with our innovative millet based protein powder. Our mission is to provide a wholesome and sustainable sources of nutrition that benefits your health but also the planet.</p> <p>We've harnessed the nutritional power of millets and ancient nutrient rich grain to create a protein powder packed with essential amino acid.</p>
	Stage	Pilot line capability demonstrated. Ready to begin low rate production after product trial & testing.





	Team Members	<p>The board includes below following</p> <ul style="list-style-type: none"> • Baibhavkumar (Founder CEO) • Akash Kumar (Co-Founder)
	Sector	Food and nutritional supplements. Given its focus on providing a nutritious and protein rich dietary supplement.
	USP	<p>Every year a lots of individual suffer from lack of nutrition and wellness due to expensive supplements so, We are building and engaging a platform to minimize this situation.</p> <ul style="list-style-type: none"> • Sustainable sources • Nutrient rich Millets • Gluten free and allergen friendly • Great test & versatility • Health & wellness focus • Transparency and clean labeling • Community engagement

	Logo	
	NAYAN BAMBOO COMPANY	



3.	Description About Startup	Nayan bamboo company is a pure organic cosmetic product that is made from fermented Bamboorice, We have used the organic materials that are bamboo rice, lavender, rosemary, amla, Aloe vera from which we made shampoo , serum and hair oil that helps to protect hair from hair damage , hair fall , make the hair regrow and shiny also reduce medical issue that are migraine, sinus , headache by the use of Shampoo and the serum makes the skin fresh protect from UV as it contains SPF 30 according to recent research on bamboo rice and avoids the chemical allergies and medical with its pure organic benefits and the most important things it is eco friendly products with zero pollution we can use the waste materials as fertilizer in soil it is that much beneficial for world .
	Stage	Product development and Market fit testing.
	Team Members	The board includes below following <ul style="list-style-type: none">• Shani Kumari yadav (ceo founder of company)• Shashi (co founder of company)• Pallvi kumari(core member)
	Sector	Beauty and Cosmetic products
	USP	The uniqueness of our product is its is made up of bamboo rice Non of the any cosmetic company of country has ever used the bamboo rice Which protect from UV rays as it contains SPF 30 in it which protects the skin and hair from sun 30 times more efficiently and it has contains the protein and minerals that are carotene, riboflavin, phosphorus, iron , calcium, vitamin E ,B , thiamine that promotes cell to grow no need to add chemically so it is pure organic .Bamboo rice is contain silica that is very important for the hair growth and healthy skin and very essential for collagen production for healthy skin and it contains omega 3 and omega 6 also the amino acid thiamine, retinol and all these qualities are present in bamboo rice only.
	Logo	
	Vet cure kart	



4.	Description About Startup	Vetcure kart is a veterinary E-commerce platform. Where retailers, big farmers can buy required medicine and veterinary products for their shop or for their farm. Vetcure kart provides verified and diversified variety of medicine. Basically we are a B2B market place. Vetcure kart also provides doctor consultation through our application and if the disease can't be cured online then we provide offline appointment booking too.
	Stage	Seed Stage
	Team Members	<p>The board includes below following</p> <ul style="list-style-type: none"> • Abhinav Pallav • Himanshu Kumar • Harsh Raj • Ravi Bhushan  Adarsh Pallav • Irfan Akthar • Sneha Kumari • Jyoti Kumari • Adithi Singh
	Sector	Agritech (E-commerce)
	USP	<ul style="list-style-type: none"> • There is no any startup working on veterinary Ecommerce sector • We are the first startup who is working on online veterinary consultation • We are working on AI feature which will revolutionaries agriculture and veterinary sector • We have pre move advantage, doctor and farmers community
	Logo	 <p>VETCURE KART</p>



Section 4: Collaboration with Other Incubation Units, Quantum University Is and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at Quantum University (AY 2022-23)

4.1) Collaboration with Other Incubation Units, Quantum University and Industry Associations to Strengthen Better Services and Support to Innovation & Startups at Quantum University (AY 2022-23)

Collaborated Agency Name	Period of Collaboration (No. of Years)	Current Status of Collaboration	Purpose and Outcomes
NEC Cor. India Pvt. Ltd.	1 Year	Active	Campus Hiring
ITI, KALSI Dehradun	5 Year	Active	Teacher Training Program
ITI, Vikas Nagar	5 Year	Active	Teacher Training Program
ITI, Rajpur Road Dehradun	5 Year	Active	Teacher Training Program
City Estates	1 Year	Active	Search Engine Optimization (SEO) Website Design and Structuring
Shri Ramswaroop Memorial University (Lucknow, UP)	5 Years	Active	Exchange academic material and information
Evon Technologies Pvt. Ltd.	5 Years	Active	Conducted Placement Drive B.TECH CSE /MCA 2020/ 2021 passed out students
Samatrix Consulting Pvt. Ltd.	4 Years	Active	FIRST YEAR ORIENTATION PROGRAM (Workshop) Collaborated Trainings
Dehradun E.Net Solutions (P) Ltd.	10 Years	Active	1. Internet Access as per terms of this Agreement to CLIENT at his address on which will consist of Fiber Link 2. Service as described below: Quantity of Bandwidth: Service Boundary - At last point connected to CLIENT equipment at CLIENT premises 3. Last Mile to CLIENT.



iNurture Education Solutions Pvt. Ltd.	5 Years	Active	1. Orientation Programme BCA/B.Tech/Animation and VFX Students (2022) 2. Students Offline & Online classes for First year First
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			sem Btech (Full Stack/Data Science), BCA (Hons) and BSc Animation & VFX
Cialfor Research Labs (P) Limited	4 Years	Active	Patents 20 Patents (2022)
Siliconmedia.Org	5 Years	Active	Webinar on “Entrepreneurship & Innovation” Live Projects
Hindustan Krishi Anusandhan Kalyan Sansthan	3 Years	Active	Online training cum certificate program
Medigram The Super Specialty Hospital	3 Years	Active	Hospital Posting 21 Students (2018), 29 Students (2019), 17 Students (2020) and 21 Students (2021)
Head start Network	2 Years	Active	FDP & Entrepreneurial Awareness Program 21 Faculties and 100 Students (2022)
Zero Monk Pvt. Ltd.	5 Years	Active	Internship 5 Students (2022)



GG E-Sports Ventures Private Limited	3 Years	Active	Product, services and experiences in gaming and e sports offered by Party 1, and • Eventual integration of Party 2 in the business ecosystem of Party 1, including but not limited to establishing Gaming clubs, setting up online or offline Gaming Labs, and Education, Coaching and Training programs with the objective of providing career opportunities.
NSDL	1 Year	Active	Expert Talk BY NSDL MKE 110 Students (2022)
NSE Academy	1 Year	Active	Expert Talk by NSE on NSE Academy's Live Certification Programs 5 Faculties and 100 Students (2023)
EduCLaaS Singapore	1 Year	Active	1. Applied & Apprenticeshipbased Academic Programs 2. Enterprise funded Academic Partnership Program
TCS	2 Year	Active	1. Faculty Workshop 80 Faculties (2022)

			2. Expert Session on MBA Orientation Module 32 MBA Students (2022) 3. Placement B.TECH/MCA All Branches 2023 pass out students.
NIPAM	1 Year	Active	1. Expert Talk on NIPAM 51 Faculties and 327 Students (2022) 2. Workshop on Intellectual Property Rights (IPR) 180 B.Tech & Diploma - ME, MTE ,CSE-AIIML, EE & CE, BSc Agri Students



Dream Quark	1 Year	Active	Workshop on B2P Robotics 105 ME, MTE, CSE, Law, BBA, BCA, Pharmacy and MBA Students
Shobit University, Gangoh, Sharanpur	5 Years	Active	Conference on Paradigm shift to artificial intelligence (AI) in emerging trends of pharmaceutical and nutraceutical science : futuristic approach of healthcare 400+ Students and 20 Faculties (2023)
NISM	1 Year	Active	1. 10 hrs training program under the aegis of NISM BBA Final Year Students 2. Workshop on NISM 80 Students
Blue Stone Jewelers & Lifestyle Pvt. Ltd.	1 Year	Active	Placements Sales Executive B.Com, BBA,MBA (Passing out 2024)
Shree Ram Agro Chemicals Pvt Limited	1 Year	Active	Conducted placement drive BSc Agriculture 2023 Pass out students
Power to Empower	1 Year	Active	Conducted Placement Drive (IT Trainer) B.Tech CSE & BCA, Female Students Only
Council of Research & Sustainable Development, India and Society of Education, Agra, UP	1 Year	Active	National Conference on Multidisciplinary Approaches in Engineering, Science, Agriculture & Social Studies, MAESASS-2023
ICT Academy	1 Year	Active	1. Virtual Power Seminar on Supply Chain Management in Industry 300 Participant (2023) 2. Design Now Workshop



			108 Students (2023) 3. India Design Week 5 Participants (2023) 4. Honeywell Digital Youth Summit 51 Students (2023) 5. Centre of Excellence for Youth Empowerment 108 Students (2023) 6. MICROSOFT- Cyber security Training 26 Students (2023)
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Section 5: Intellectually Property (IP) Generated and Commercialization

5.1) IPR Filed and Published (Copyrights & Design only)

S No.	Title/Name of IP (Copyright/Design Only)	Type of IP	IP Registration Number of Copyright/Design	Date of Filed/Published	Has this IP (Copyright & Designs Only) been Commercialized/Transferred to Industry/Startup/Society?
1	Polymer Casting Die	Design	372494-001	12/10/2022	No



2	DUSTBIN	Design	374963-001	2/11/2022	No
3	Foldable Fitness Mat	Design	376093-001	23/12/2022	No
4	Adjustable Spanner Design	Design	385162-001	28/04/2023	No
5	Beach Sand Cleaner	Design	385163-001	28/04/2023	No
6	Custom Lamp Design	Design	385164-001	28/04/2023	No
7	One Hand Thumb Book Holder	Design	385165-001	28/04/2023	No

5.2) Patents Filed by Quantum University



Sr. No.	Title/Name of Patent	IP Registration Number	Date of Filed/Published
1	Automatic Water Irrigation System	202211044106	02-08-2022
2	Multi-Feature Shower Head	202211044107	02-08-2022
3	Digit Classification And Dataset Using Machine Learning	202241044464	03-08-2022
4	Long Range Agricultural Spy Robot Vehicle With Night Vision	202241044465	03-08-2022
5	Method And Process Hydrogen Fuel Power	202221044468	03-08-2022
6	Analysis Of An Enantioselective Oxidative Spiroketalization	202221044469	03-08-2022
7	Fake Product Identification Using Blockchain System	202211044488	03-08-2022
8	Sponge Cooler For Cooling Down The Temperature Of Sponges	202211044489	03-08-2022
9	Home Scale Semi-Automatically Operated System For Spirulina Culture Mini Farm	202211044321	03-08-2022
10	Face Recognition Based Attendance Management System	202211044528	04-08-2022
11	Sensor Based Detection System For Vehicle	202211044529	04-08-2022
12	Automatic Indication System Of Glucose Level	202211044530	04-08-2022
13	Video Recommendations Using AI	202241046609	16-08-2022
14	Wild Ginseng Prevents The Onset Of High-Fat Diet Induced Hyperglycaemia.	202211046713	17-08-2022
15	A System And Method For Phishing Website Detection	202211049163	29-08-2022
16	Advanced Rf Signal Processing In Multi-Antenna Analysis System	202211050465	04-09-2022
17	Block chain Based Secure Biometric Voting System Using IoT	202241050466	04-09-2022
18	Analyzing Small Molecules In Plant Samples Quantitatively By Adopting Lc-MS (Liquid Chromatogram-Mass Spectrum) Technology	202211050464	04-09-2022
19	Analysis And Improved Cyber Security Using Machine Learning And Deep Learning	202211050463	04-09-2022



20	Artificial Intelligence And Internet Of Things Enabled Hotel Check-In And Check-Out System With Improved Efficiency	202231052882	16-09-2022
21	System And Method For Detecting Unauthorized Users Using Data Forensics	202221054758	24-09-2022
22	USB Based System And Method For Examination Of Data Packets	202221054759	24-09-2022
23	System And Method For Detecting Unauthorized Users Using Email Forensics	202221054760	24-09-2022
24	Operating System Independent And File Independent Computer System And Method For Authenticating A User	202221054761	24-09-2022
25	System And Method For Encrypting Hidden Files	202221054762	24-09-2022
26	System And Method For Analyzing User History	202221054764	24-09-2022
27	System And Method For Analyzing Slack Space	202221054765	24-09-2022
28	System And Method For Detecting Anomalies In AI System	202221054766	24-09-2022
29	System And Method For Gathering Information About Unauthorized Person	202221054767	24-09-2022
30	System And Method For Identifying Attacks From Different Routes In A Network	202221054768	24-09-2022
31	An IoT Based Hotel Management System For Hospitality And Tourism Industry	202211055436	27-09-2022
32	A Supervised Machine Learning Based System And Method For Tourism Information And Reservation	202211055491	28-09-2022
33	Leakage Power Reduction In VLSI CMOS Circuits.	202241055506	28-09-2022
34	Automated Data Collection Using Machine Learning.	202241055505	28-09-2022
35	Academic Device Classification Using Block chain	202211055508	28-09-2022
36	Study On Use Of Manufactured Sand As Full Replacement Of River Sand	202211055508	04-10-2022
37	Formulation And Method Of Processing Of Optimized Dapagliflozin Loaded With Nanostructure Lipid Carriers	202211057116	06-10-2022
38	Bakery Food Comprising Moringa Leave Powder And Barnyard Flour	202211057117	06-10-2022



39	Morin Hydrate Microsphere Formulation	202211057118	06-10-2022
40	Analysis Of Inflation Rate In Indian Economy During Russia Ukraine Conflict	202211057115	06-10-2022

41	Biodegradable Peridontal Film Comprising Amoxicillin	202211059065	17-10-2022
42	Ready-To-Eat Composition	202211059064	17-10-2022
43	High Density Quick Response Asthma Inhalers Making Method And Process.	202211060597	22-10-2022
44	A Zero Trust Security System And A Method For Implanting The Same	202221063525	08-11-2022
45	A System And A Method For Identifying Genuine Products	202221063526	08-11-2022
46	An Environment And A Method For Managing Digital Evidences	202221063524	08-11-2022
47	An Environment And A Method For Managing Crop Protection Details	202221063527	08-11-2022
48	An Environment And A Method For Managing Supply Chain Information	202221063528	08-11-2022
49	An Environment And A Method For Managing Documents In A Distributed Ledger	202221063629	08-11-2022
50	An Environment And A Method For Managing Renewable Energy Information	202221063631	08-11-2022
51	An Environment And A Method For Managing Lifecycle Of A Vehicle	202221063632	08-11-2022
52	A System To Analyze And Summarize The Files And Folders Of Windows Device Via Regular Auditing.	202221063633	08-11-2022
53	A System And A Method For Preventing Denial Of Service (Dos) Attacks	202221063630	08-11-2022
54	Simulation Of Three Phase Multilevel Inverter With Reduced Number Of Switches	202211064070	09-11-2022
55	Developing Cyber attack Detection System Using Machine Learning	202241066683	21-11-2022
56	Healthcare Big Data Management And Analytics Using Block chain And Machine Learning	202221067444	23-11-2022
57	Emulgel Of Clotrimazole And Method Of Manufacturing The Same	202211071313	10-12-2022



58	Skin Care Composition Of Pleiogynium And Photoprotection	202211075157	24-12-2022
59	Ofloxacin Bioadhesive Gel Microspheres	202311023787	30-03-2023
60	Taste Masked Powder For Suspension Composition Of Ondansetron Hydrochloride	202311017988	16-03-2023
61	Luliconazole Microsponge Topical Formulation	202311030517	28-04-2023
62	Real Time Video Surveillance System And Method For Video Surveillance In Dense	202311032469	08-05-2023
63	An Improved Clay Ball Making Machine And A Method Thereof	202311039412	07/06-2023
64	A Crop Management System And A Method For Managing Crops	202311039410	07-06-2023
65	System And Method For Intelligent Student Profiling And Analysis Using Machine Learning	202311039409	07-06-2023
66	A Ready To Serve Beverage With High Dietary Fiber	202311039411	07-06-2023
67	Ocular Insert Composition Comprising Acyclovir	202311043305	28-06-2023
68	Integrated System Of Hydroponics With Aquaponics For Accelerating Plant Growth	202311046067	08-07-2023
69	Methylation Of Alpha Cellulose Extracted From Lantana Camara	202311059444	04-09-2023
70	A Driving Behavior Detection System For A Vehicle And A Method Thereof	202311059443	04-09-2023
71	Rifamycin Microbeads	202311059445	04-09-2023



5.3) Patent Published / Granted Data

S No.	Patent Registration Application No	Patent Title	Patent Application Date	Status of Patent Applications	Patent Published /Granted Calendar Year
1.	201811030427	Actuation System For Lifting Mechanisms	13-08-2018	Granted	2023
2.	201911044526	Umbrella Device	03-11-2019	Granted	2023
3.	202111023393	An Apparatus For Performing Chemical Reaction Of Detecting Arsenic	26-05-2021	Granted	2022
4.	342343-001	Quad Bike	13-04-2021	Granted	2022
5.	342345-001	Design An Advance Automatic Guided Ship While Entering Harbour Or While Docking Of Ship In Harbor	13-04-2021	Granted	2022
6.	358022-001	Quanso Stainless Steel Beer Chiller Sticks & Bottle Opener	07/02-2022	Granted	2023
7	358023-001	Quanso Wine Bottle Chillers	07-02-2022	Granted	2023
8	358877-001	Advance Snacking Tool Of The Future Qusnac	20-02-2022	Granted	2023



9	358878-001	Advance Automatic Citrus/Lemon Juicer With The Help Of Artificial Intelligence, Machine Learning And Pneumatic System	20-02-2022	Granted	2023
10	362149-001	Egg-Shaped Eaves Responsible For Removal Of Lightweight Debris	07-04-2022	Granted	2022
11	362151-001	Auto Adjustable Compact Ranging Rod	07-04-2022	Granted	2023
12.	361067-001	Non-Contact Digital Infrared Forehead Thermometer	23-03-2022	Granted	2023
13.	361611-001	Multi-Tasking Pointing Tool (Trowel, V-Groove Pointing, Recessed Pointing And Struck Pointing)	31-03-2022	Granted	2022
14.	362282-001	Modify Flow Table For Slum Flow Test	11-04-2022	Granted	2023
15.	363500-001	Pocket Cap Cork Opener	01-05-2022	Granted	2022
16.	372494-001	Polymer Casting Die	12-10-2022	Granted	2023
17.	374963-001	Dustbin	02-11-2022	Granted	2023
18.	376093-001	Foldable Fitness Mat	23-12-2022	Granted	2023
19.	385162-001	Adjustable Spanner Design	28-04-2023	Granted	2023



5.4) IP Commercialized and Transferred to Industry/Startup

S No.	Name of Technology Licensed/Transferred/Commercialized	Technology Type	Patent/License Holder name (Institute Co-ownership is Must)	Technology Transferred to	Name of Licensee	Date of Transferred Technology
1.	Multi-Tasking Pointing Tool (Trowel, V- Groove Pointing, Recessed Pointing And Struck Pointing)	IP/Patented Technology	Quantum University, Roorkee	Industry	Alex Panels	18-08-2022
2.	Polymer Casting Die	IP/Patented Technology	Quantum University, Roorkee	Industry	RAMAA SHYAMA PAPERS PRIVATE LIMITED	12-10-2022
3.	Dustbin	IP/Patented Technology	Quantum University, Roorkee	Industry	Alex Panels	02-11-2022
4.	Foldable Fitness Mat	IP/Patented Technology	Quantum University, Roorkee	Industry	Alex Panels	23-12-2022
5.	Adjustable Spanner Design	IP/Patented Technology	Quantum University, Roorkee	Industry	Punjab Teak Plywood Industries	28-04-2023



6.	Custom Lamp Design	IP/Patented Technology	Quantum University, Roorkee	Industry	RAMAA SHYAMA PAPERS PRIVATE LIMITED	28-04-2023
7.	One Hand Thumb Book Holder	IP/Patented Technology	Quantum University, Roorkee	Industry	Punjab Teak Plywood Industries	28-04-2023