

Title	Project Date	Investigators	Mentor	Project ID	School	Capex Grant(INR)	Opex Grant(INR)	Total Grant(INR)
Performance Evaluation of Fireproof Structural Steel Element	05-04-2023	Aditya Acharya Prayash Gupta	Dr. Mahesh Kumar Tiwari Mr. Susanta Kumar Sethy	Project ID: UPES/R&D/SHODH/202348	School of Advanced Engineering	-	35,000.00	35,000.00
Analysis of emerging contaminants in various lakes of Himalayan region focusing on remediation and treatment by using Biochar	05-04-2023	Meghana Narayanan Ayush G Rath Ahijith S Priyanshi	Prof Manish Kumar, Kanchan Bahukhandi,	Project ID: UPES/R&D/SHODH/202349	School of Advanced Engineering	-	40,000.00	40,000.00
Development and Performance Assessment of Noise-Absorbing Materials Using Waste Protective Clothing and Face Mask	05-04-2023	Abha Katiyar Harshit Tyagi Md Irfan Lakshmikant	Dr. Suvendu Manna, Dr. Abhishek Nandan, Dr. Sanjay Bhutani	Project ID: UPES/R&D/SHODH/202350	School of Advanced Engineering	-	30,000.00	30,000.00
Removal of Active Pharmaceutical Ingredients (APIs) using waste materials-synthesized biochar: A sustainable approach.	05-04-2023	Sonu Singh Sayantani Biswas Lakshmikant Rishabh Jain	Rahul Silori	Project ID: UPES/R&D/SHODH/202351	School of Advanced Engineering	-	40,000.00	40,000.00
Geotechnical Characterization of Lunar and Martian Regolith Simulants	05-04-2023	Harshita Joshi Ashutosh Kumar Rai Anish Raj Bhati Kartikay Vashistha	Dr Saswati Datta	Project ID: UPES/R&D/SHODH/202352	School of Advanced Engineering	-	25,000.00	25,000.00
Determining the performance of Ground Granulated Blast Furnace slag based concrete using Rice husk ash	05-04-2023	Ayush Tariyal Yashwant Singh Chauhan	Mr. A.N. Shankar Mr. Chandra Shekhar Bhagat Mr. Susanta Kumar Sethy	Project ID: UPES/R&D/SHODH/202353	School of Advanced Engineering	-	20,000.00	20,000.00
To evaluate the performance of Flyash based Geopolymer concrete using Lime and Glass fibre for sustainable construction	05-04-2023	Saman Deep	Mr. Durga Prasad Panday Dr Suvendu Manna	Project ID: UPES/R&D/SHODH/202354	School of Advanced Engineering	-	35,000.00	35,000.00
Structural safety of concrete bridges in uttarakhand region	05-04-2023	Langkung Tayeng Mohan Katyal	Mr. A N SHANKAR	Project ID: UPES/R&D/SHODH/202355	School of Advanced Engineering	-	15,000.00	15,000.00
Assessment of Microplastic in surface groundwater bodies of industrial area Uttarakhand region	05-04-2023	M Seetha rama Raju Amulya Jeevanasai Parth Saole Hemant sharma	Dr. Kanchan Deoli Bahukhandi, Professor Manish Kumar	Project ID: UPES/R&D/SHODH/202356	School of Advanced Engineering	-	45,000.00	45,000.00
Application of dripper plastic waste as a media in MBBR techniques for wastewater treatment	05-04-2023	Nayan Sharma Abhimanyu Singh Hemant Sharma	Dr. Chandrashekhar Bhagat	Project ID: UPES/R&D/SHODH/202357	School of Advanced Engineering	-	40,000.00	40,000.00
Evaluation of Geopolymer clay interaction at the disposal zone	05-04-2023	Mr. Rohan Butola Mr. Tushar Rana Mr. Ritik Dahiya Mr. Aman Singh Tomar	Dr Saswati Datta, Mr. Susanta Sethy	Project ID: UPES/R&D/SHODH/202358	School of Advanced Engineering	15,000.00	15,000.00	30,000.00
Preparation of enriched and standardized 6-gingerol or unique combination of 6-gingerol green extract from natural sources.	10-04-2023	Bramhesh Purohit Himanshi Singh	Dr. Rohini Verma	Project ID: UPES/R&D/SHODH/202359	School of Advanced Engineering	10,000.00	50,000.00	60,000.00
Cultivation of algae in sewage water for hydrocarbon fuels	10-04-2023	Amol Kaushik Pratik Pranay Pradhan Parv Pandya	Dr. Amit Sharma	Project ID: UPES/R&D/SHODH/202360	School of Advanced Engineering	20,000.00	30,000.00	50,000.00
Kinetic studies of gas hydrate formation and dissociation for sustainable energy applications	10-04-2023	Swagata Sarma Wagisha Shree Saksham Bhatt	Dr. Gaurav Pandey	Project ID: UPES/R&D/SHODH/202361	School of Advanced Engineering	15,000.00	40,000.00	55,000.00
Development of environment friendly vegetable oil based drilling fluids for shale formations	10-04-2023	Om Agarwal Gautam kathpal Aditya ganesh jagtap Bhoomika Raghav	Dr. Rohit Sharma	Project ID: UPES/R&D/SHODH/202362	School of Advanced Engineering	10,000.00	50,000.00	60,000.00
Experimental Investigations on Pyrolysis by using Pine needle as a feedstock.	10-04-2023	Sakshi Rajesh Jadhav Sparshita Srivastava Janakala Dheeraj Royal Devansh Agarwal	Dr. Amit Kumar Thakur Dr. Surajit Mondal Dr. Rahul Kumar	Project ID: UPES/R&D/SHODH/202363	School of Advanced Engineering	-	40,000.00	40,000.00
Development of a laboratory based model for demonstration of wax deposition in storage tanks and the application of wax inhibitors in Oil and Gas Industry	10-04-2023	Om Agarwal Ashwin Samant Aditya ganesh jagtap Siddharth yadav	Dr. Rohit Sharma	Project ID: UPES/R&D/SHODH/202364	School of Advanced Engineering	20,000.00	40,000.00	60,000.00
Extraction of soluble protein from waste eggshell and its polymeric composites for bio-coating purposes	05-04-2023	Kriti Tiwari Shruti Mishra	Tridib Kumar Sinha, Sravendra Rana	Project ID: UPES/R&D/SHODH/SOE/202339	School of Advanced Engineering	-	80,000.00	80,000.00
Effective synthesis of reduced graphene oxides (rGO) and characterization to observe their photoluminescence and degradative effect on UV-Vis absorption of dyes via photocatalysis	05-04-2023	Saurabh Thapa	Dr. K. Mohan Reddy	Project ID: UPES/R&D/SHODH/202340	School of Advanced Engineering	20,000.00	30,000.00	50,000.00
Photoredox catalysis using earth abundant first-row transition complexes as photosensitizers	05-04-2023	Surbhi Deorari Vibhawari Pundir	Dr. Sushil Kumar, Dr. Jimmy Mangalam	Project ID: UPES/R&D/SHODH/202341	School of Advanced Engineering	6,000.00	54,000.00	60,000.00
Effective Remediation of Environmental Hazards with Designed Reusable 'Magnetic Sponge'	05-04-2023	Maria Manza Ruru Thakur	Dr. Samar Layek	Project ID: UPES/R&D/SHODH/202342	School of Advanced Engineering	-	80,000.00	80,000.00

Design of broadband tunable Near-Infrared Luminescence Materia	05-04-2023	Garima Chandrasen Anirudh Shaji	Dr. Tapas Goswami	Project ID: UPES/R&D/SHODH/202343	School of Advanced Engineering	-	60,000.00	60,000.00
Development of Pd-rGO composite based electrode for energy application	05-04-2023	Vaishali Sharma Niharika Rao	Dr Shikha Wadhwa, Dr Anil K Sinha	Project ID: UPES/R&D/SHODH/202344	School of Advanced Engineering	-	1,00,000.00	1,00,000.00
TEMPORARY FILLING DENTAL CEMENT	05-04-2023	Shreya Gupta	Dr. Smriti Arora	Project ID: UPES/R&D/SHODH/202306	School of Health Sciences & Technology	-	50,000.00	50,000.00
Research on role of pesticides and Plastic burning in causing cancer	05-04-2023	Yajushii Arora Ishita Anand Deepika Chaudhary Rohan Kumar	Dr. Dhruv Kumar	Project ID: UPES/R&D/SHODH/202307	School of Health Sciences & Technology	-	1,00,000.00	1,00,000.00
The neuroprotective effect of plant extract on valproic acid induced autistic features in zebrafish	05-04-2023	Vidhi Gupta Daksh Kapil	Dr. Shubham Dwivedi, Dr. Raj Kumar Tiwari	Project ID: UPES/R&D/SHODH/202308	School of Health Sciences & Technology	-	90,000.00	90,000.00
Screening and characterization of anti-microbial compounds from Hermetia illuciens	05-04-2023	Khyati Verma Silpa Suman Pati	Dr. Kamesh Rajendra Babu, Dr. Piyush Kumar	Project ID: UPES/R&D/SHODH/202309	School of Health Sciences & Technology	15,000.00	35,000.00	50,000.00
Development and evaluation of natural bioactive loaded nanovesicles for treatment of atopic dermatitis	05-04-2023	Anshul Gupta Vaibhav Pandey	: Dr. Rajendra Awasthi, Dr. Deepika Sharma	Project ID: UPES/R&D/SHODH/202310	School of Health Sciences & Technology	-	50,000.00	50,000.00
Screening and characterization of novel biopesticides from Hermetia illucens (Black Soldier Fly, BSF	05-04-2023	Samikshha Puri Bhavya Raturi	Dr. Kamesh Rajendra Babu, Dr. Nishu Goyal	Project ID: UPES/R&D/SHODH/202311	School of Health Sciences & Technology	15,000.00	35,000.00	50,000.00
Development of monomodal CaCO3 porous microparticles for enhanced dissolution of poorly soluble drugs	05-04-2023	Mihir Chaudhary	Dr. Kamesh Rajendra Babu, Dr. Prashant Shukla	Project ID: UPES/R&D/SHODH/202312	School of Health Sciences & Technology	10,000.00	25,000.00	35,000.00
Study on the Purple Passion Fruit peel and its uses in preparing functional foods	05-04-2023	CH. JAYANTH SRINIVAS ALISHA FARHEEN	Dr.ABHISHEK CHANDRA	Project ID: UPES/R&D/SHODH/202313	School of Health Sciences & Technology	-	50,000.00	50,000.00
Development of a highly Selective Polymer based detection platform for Helicobacter pylori Outer Membrane Proteins	05-04-2023	Akshita Singla Richa Bharti Riya verma	Dr. Nidhi Chauhan	Project ID: UPES/R&D/SHODH/202314	School of Health Sciences & Technology	-	50,000.00	50,000.00
Study of mutual interaction between multiple flexible foils	05-04-2023	Subhadra Mohanta Nishank Chauhan Gorijavolu Sree	Dr. Dhiraj Kumar Dr. Ashish Karn Dr. Saurabh Kumar Bharti	Project ID: UPES/R&D/SHODH/202338	School of Advanced Engineering	30,000.00	20,000.00	50,000.00
Design and develop a Mini Turbojet engine (Gas Turbine)	05-04-2023	CHANDAN VISHVAKARMA ANSHUMAN VASHISTH DEV PATHAK RIWAQ MADHANI	Prof. Harshit Shukla	Project ID: UPES/R&D/SHODH/202315	School of Advanced Engineering	-	50,000.00	50,000.00
Characterizing Transmission Losses in Vibro-Acoustic Channels	05-04-2023	Abhay Kaushik Nudurupati / Bachelor of Technology / Aerospace Engineering / Kanupriya Shrivastava / Bachelor of Technology / Aerospace Engineering /	Dr. Naman Agarwal / Mechanical Cluster Dr. Ashish Karn / Mechanical Cluster	Project ID: UPES/R&D/SHODH/202316	School of Advanced Engineering	-	50,000.00	50,000.00
Development of Low Cost Multi Reflector 20” Newtonian Telescope	05-04-2023	Abhay Kaushik Nudurupati / Bachelor of Technology / Aerospace Engineering / 500075120 Kanupriya Shrivastava / Bachelor of	Dr. Ashish Mishra / Mechanical Cluster	Project ID: UPES/R&D/SHODH/202317	School of Advanced Engineering	-	50,000.00	50,000.00
Passive Descent System Based Atmospheric Deployable Mechanism	05-04-2023	Abhay Kaushik N / Aerospace Engineering Sudarsana Alwar Gupta Nerella Aerospace Engineering	Mr. Kumar Gaurav and Dr. Ashish Karn / Mechanical Cluster	Project ID: UPES/R&D/SHODH/202318	School of Advanced Engineering	-	25,290.00	25,290.00
Design, Development and Fabrication of Air injection facility for Rotary Disc Apparatus	05-04-2023	Rishank Mehrotra/B.Tech.-ME/ 500075222 Gopal Singh Rathore/B.Tech./ME/ 500075959 Soumitra Gupta/ Btech-EE/500091681	Dr Siddharth Jain Dr Ashish Karn	Project ID: UPES/R&D/SHODH/202319	School of Advanced Engineering	10,000.00	40,000.00	50,000.00
Development of Archimedes Screw Turbine Testing Facility	05-04-2023	Vhahishta Farzad Antia / B.Tech.-ME Mrityunjai Verma/ B.Tech.-ME Soumitra Gupta/ Btech-EE/500091681	Dr Ramesh Kumar Donga Dr Ashish Karn	Project ID: UPES/R&D/SHODH/202323	School of Advanced Engineering	-	50,000.00	50,000.00
Design, modelling and testing of 3D printed water turbines	05-04-2023	Debdyuti Biswas/B.Tech.-ME Kulbeer Singh Rawat/B.Tech.-ME Swecca Singh/ Btech. - EE/500096622	Dr Ashish Karn Dr. Ram Krishna Sha Dr Varun Pratap Singh	Project ID: UPES/R&D/SHODH/202322	School of Advanced Engineering	20,000.00	30,000.00	50,000.00
Design, development and testing of Hybrid TES solar dryer for agricultural use	05-04-2023	Gopal Singh rathore Asif N Shivam Rahore	Dr Varun Pratap Singh Dr Ashish Karn	Project ID: UPES/R&D/SHODH/202321	School of Advanced Engineering	22,000.00	25,500.00	47,500.00
Design and Development of Drone with Launching System	05-04-2023	Shivam Agrawal B.Tech Mechatronics 500076427 Ridima Gangrade B.Tech Mechatronics 500076446	Dr Varun Pratap Singh Dr Ashish Karn	Project ID: UPES/R&D/SHODH/202320	School of Advanced Engineering	12,000.00	38,000.00	50,000.00

UAV Wing design for Short Take Off and Landing	05-04-2023	Apurva Gajbhiye 500084929 Ira Yadav 500082576 Yashika Paharia 500082933 Akansha Raman 500084903	Dr Rajesh Yadav Mechanical Cluster	Project ID: UPES/R&D/SHODH/202324	School of Advanced Engineering	-	50,000.00	50,000.00
Design and Fabrication of Solar Operated Composting System	05-04-2023	Atharva Deshpande/B.Tech Mechatronics/SOE/500082590 Akshit Arora/B.Tech Mechatronics/SOE/500087402	Dr. Prashant Shukla Dr. Ram Kunwer	Project ID: UPES/R&D/SHODH/202325	School of Advanced Engineering	35,000.00	15,000.00	50,000.00
Design and Development of a Light-Weight Ambush Drone	05-04-2023	Prajot Gorkhe Sanjukta Mitra Sanjana Chauhan Mansi Goswami	Dr. Piyush Gaur (Mentor) Dr. Ashish Mishra (Co-mentor) Dr. Ashish Karn (Co-mentor) / Mechanical Cluster	Project ID: UPES/R&D/SHODH/202326	School of Advanced Engineering	-	50,000.00	50,000.00
Design, fabrication and testing of laminar flow elements	05-04-2023	Mansi Gupta/Aerospace Sanskriti Chauhan/ Aerospace	Dr. Survesh Sami / Dr. Ashish Karn Dr Varun Pratap Singh	Project ID: UPES/R&D/SHODH/202327	School of Advanced Engineering	35,000.00	15,000.00	50,000.00
THERMAL COMFORT: ANALYSIS AND OPTIMIZATION IN VEHICLES (HYBRID/ELECTRIC)	05-04-2023	Diya Khattak B. Tech Mechatronics Engineering Samarth Gulla B. Tech Mechatronics Engineering	Dr. Geetanjali Raghav	Project ID: UPES/R&D/SHODH/202328	School of Advanced Engineering	32,000.00	5,000.00	37,000.00
Study of wing rock phenomenon of a delta wing and its control	05-04-2023	Astitva Rajan Srivastava, B.Tech. Aerospace Pratham Purohit B.Tech. Aerospace	Dr. Dhiraj Kumar Dr Ashish Karn	Project ID: UPES/R&D/SHODH/202329	School of Advanced Engineering	30,000.00	20,000.00	50,000.00
Design and development of swarm drones	05-04-2023	Athul Suresh Dilraj Singh Saran Dushyant Kumar Panwar Aditya Nimeshkumar Dalsaniya	Dr. Deepak Bhardwaj	Project ID: UPES/R&D/SHODH/202330	School of Advanced Engineering	25,500.00	20,000.00	45,500.00
Design and Build an Oil Tank Inspection Robot – Part 1: Mechanical Module (OTIR-1)	05-04-2023	Pranya Agrawal, BTech Mechatronics Pushp Verma, BTech Mechatronics	Professor Gurvinder S Virk, SoE Professor Devesh Avasthi, UPES Dr Uday Bhan, Energy Cluster, SoE Endoenergy Systems: Sanjeev	Project ID: UPES/R&D/SHODH/202331	School of Advanced Engineering	15,000.00	35,000.00	50,000.00
Experimental study of locomotion efficiency of a flexible body robotic fish.	05-04-2023	Arjun Taneja / B.Tech. Mechanical Engineering / SoE Shashank Sharma / B.Tech. Mechanical Engineering	Dr. Dhiraj Kumar Dr. Saurabh Kumar Bharti Dr. Deepak Bhardwaj	Project ID: UPES/R&D/SHODH/202332	School of Advanced Engineering	25,000.00	25,000.00	50,000.00
Development of novel technique for delaying the flow separation on airfoils.	05-04-2023	Bhavya Singhal / BTech Aerospace Rohan Sahu / BTech Aerospace Vidhu Dixit / BTech Aerospace	Dr Ashish Karn Dr. Dhiraj Kumar	Project ID: UPES/R&D/SHODH/202333	School of Advanced Engineering	30,000.00	20,000.00	50,000.00
Design and Development of Self-Destructive Swarm Drones	05-04-2023	Riya Sahu/ B.Tech(ASE)/ Divyank Aggarwal/ B.Tech(ASE)	Dr Ashish Karn Dr Varun Pratap Singh	Project ID: UPES/R&D/SHODH/202334	School of Advanced Engineering	8,000.00	40,979.00	48,979.00
Design, Development and Testing of Rotating Launch Pad Prototype	05-04-2023	Tanishka Roy; Manan Malik; Mansi; Aman Aggarwal;	Dr Varun Pratap Singh Dr Ashish Karn	Project ID: UPES/R&D/SHODH/202335	School of Advanced Engineering	12,000.00	38,000.00	50,000.00
Amphibious UAV	05-04-2023	Aditya Thakur/B.Tech Mechatronics Madhav Goel/B.Tech CSE(ccvt)/Computer Science/500091691	Dr Deepak Bharadwaj Dr Subhankar Das	Project ID: UPES/R&D/SHODH/202336	School of Advanced Engineering	30,000.00	20,000.00	50,000.00
Studies on Graphene Application in Ballistic Helmets	05-04-2023	Unnati Parmar Nandini Sachdev	Dr Piyush Gaur	Project ID: UPES/R&D/SHODH/202337	School of Advanced Engineering	-	50,000.00	50,000.00
Design and Build an Oil Tank Inspection Robot – Part 2: Localization & Navigation Module (OTIR-2)	08-05-2023	Ishaan Saini, Rizakpreet Kaur, Deepasha Baral, Ishaan Rastogi, Ashwini Sankliya	Prof Gurvinder S Virk, Professor Devesh Avasthi, Dr Uday Bhan, Endoenergy Systems: Sanjeev Kumar, Simranpreet Ghuman, T&D	Project ID: UPES/R&D/SHODH/202365	School of Advanced Engineering	25,000.00	25,000.00	50,000.00
Developing techniques for study of optimal body posture for individuals using IOT sensors and machine learning algorithms	05-04-2023	KARANDEEP SINGH SALUJA, RUPESH KUMAR	Dr. SANJEEV KUMAR	Project ID: UPES/R&D/SHODH/202345	School of Computer Science	3,700.00	51,280.00	54,980.00
Cloud Based Automated Smart Parking System Using IoT	05-04-2023	Nitin Dhadwal, Nivedita Das	Dr. Bhupendra Singh	Project ID: UPES/R&D/SHODH/202346	School of Computer Science	40,000.00	10,000.00	50,000.00
System For Award Management	05-04-2023	Pranav malik, Manil Munjal, Vatsal Dadhich	Mr Alind	Project ID: UPES/R&D/SHODH/202347	School of Computer Science	5,000.00	45,000.00	50,000.00
Autonomous Forest fire Detection and Monitoring using Unmanned aerial vehicle (UAV).	05-04-2023	Krishna, Aman Bijalwan, Sidharth Dubey, Alok Singh	Vikas Thapa	Project ID: UPES/R&D/SHODH/202366	School of Advanced Engineering	20,000.00	30,000.00	50,000.00
Point of care Malaria detection Microscope using AI & IoT.	05-04-2023	Krishna, Aman Bijalwan	Vikas Thapa Dr. Pankaj Kumar Dr. Koushik das	Project ID: UPES/R&D/SHODH/202302	School of Advanced Engineering	20,000.00	30,000.00	50,000.00
[Quadruped Robot] Walking-Locomotion technology which imitates the motion of Quadruped animals	05-04-2023	Aman Bijalwan, Krishna	Dr. Mukul Gupta	Project ID: UPES/R&D/SHODH/202303	School of Advanced Engineering	54,500.00	-	54,500.00

Design and Build an Oil Tank Inspection Robot	05-04-2023	Anubhav Tyagi, Kriti Chauhan, Deepasha Baral,Ishaan Rastogi, Ashwini Sankliya	Prof Gurvinder singh Virk, Prof D K Avasthi Prof Uday Bhan	Project ID: UPES/R&D/SHODH/202304	School of Advanced Engineering	10,000.00	40,000.00	50,000.00
Semi – automatic solid waste segregation system	05-04-2023	Rithvik Kanchi,Vignesh J.,Abhijeet Parida	Sarvesh Saini	Project ID: UPES/R&D/SHODH/202305	School of Advanced Engineering	28,000.00	18,000.00	46,000.00
Field plan For Geological Survey in and around Joshimath	02-02-2023	Dr. Girish C. Kothyari, Dr. Atul K. Patidar Dr. Uday bhan	Dr. Girish C. Kothyari, Dr. Atul K. Patida	Project ID: UPES/R&D/SHODH/202301	School of Advanced Engineering	-	1,10,000.00	1,10,000.00
Development of hyaluronic acid and sorafenib nanoformulation for anticancer drug delivery.	06-07-2023	Pakhi Sharma, P Kartikey Achary	Dr. Utkarsh Jain	UPES/R&D/SHODH/202367	School of Health Sciences & Technology	-	50,000.00	50,000.00
Screening of anti-tumor a ctivity in Black Soldier Fly (Hermetia illucens) larvae	06-07-2023	Khushi Mishra, Ayushi Chauhan	Dr. Kamesh Rajendra Babu	UPES/R&D/SHODH/202368	School of Health Sciences & Technology	6,000.00	44,000.00	50,000.00
Screening of the anti inflammatory properties in the Black Soldier Fly (Hermetia illucens) larvae	06-07-2023	Gayatri Sahini, Aditi Kapil thapan	Dr. Kamesh Rajendra Babu	UPES/R&D/SHODH/202369	School of Health Sciences & Technology	-	50,000.00	50,000.00
Screening of cardioprotective a gents in Black Soldier Fly (Hermetia illucens) larvae	06-07-2023	Priyanshu Sharma, Anushka Saxena	Dr. Kamesh Rajendra Babu	UPES/R&D/SHODH/202370	School of Health Sciences & Technology	-	50,000.00	50,000.00
"Compact and ergonomically designed assistive equipment (a chair) for elderly people during bathroom"	18-07-2023	Mayank Lal,Kriti Kumar	Dr. Samrat Dev	UPES/R&D/SHODH/202371	School of Design	-	50,000.00	50,000.00
An ergonomically design gaming controller for the Indian youth	18-07-2023	Satvik Goel, Gauri Salunke	Dr. Samrat Dev	UPES/R&D/SHODH/202372	School of Design	-	55,000.00	55,000.00
Smart Gestures With Smart Remote	18-07-2023	Robin Khanduri, Keshav Garg	Dr Bappa das	UPES/R&D/SHODH/202373	School of Design	29,300.00	26,000.00	55,300.00
New Product - Physical Board Game	18-07-2023	Ratin Mohan, Mayank Morkhade	Avimesh Sharma, Lavendra Shukla	UPES/R&D/SHODH/202374	School of Design	5,000.00	65,000.00	70,000.00
Creation of an inexpensive Particle Image Velocimetry Setup for Velocity Profile Measurements in the wake of Airfoils	23-06-2022	Paras Adlakra ,Abhay Kaushik, Shreyansh Dubey	Mr. Kumar Gaurav, Dr Ashish Karn	UPES/R&D/SHODH/202201	School of Advanced Engineering	45,000.00	5,000.00	50,000.00
Design and development of small-scale continuous reactor for the fast pyrolysis process.	23-06-2022	Shaurya jain	Dr. Leena Kapoor, Mr. Shashank Pal	UPES/R&D/SHODH/202202	School of Advanced Engineering		50,000.00	50,000.00
Atmospheric water generator	23-06-2022	Vedaant Soti ,Gopal Singh	Dr. Deepak Bharadwaj, Dr. Ashish Karn	UPES/R&D/SHODH/202203	School of Advanced Engineering		45,000.00	45,000.00
Experimental Studies on the efficiency of mixed flow turbines and the effect of air injection.	23-06-2022	Mrityunjai Verma, Aman Negi	Dr. Ashish Karn	UPES/R&D/SHODH/202204	School of Advanced Engineering		55,000.00	55,000.00
Underground debris robot	23-06-2022	Aman Negi ,Ashaya Tripathi ,Debdyuti Biswas	Dr. Deepak Bharadwaj	UPES/R&D/SHODH/202205	School of Advanced Engineering		44,000.00	44,000.00
Design & Development of UPES solar tree with automated lighting system using machine vision.	23-06-2022	Ayushi Sharma, Pranav Shivhare ,Mayank Choudhary,Nandit Srivastava, Archepalli Sheshu Narayana	Dr. Roushan Kumar, Mr. Pankaj Badoni	UPES/R&D/SHODH/202206	School of Advanced Engineering		46,800.00	46,800.00
Design, Development and Analysis of Vortex Inertial Motor for applications in anti-gravity flight.	23-06-2022	Kulbeer Singh Rawat, Debdyuti Biswas	Dr. Deepak Bharadwaj Dr. Ashish Karn	UPES/R&D/SHODH/202207	School of Advanced Engineering		48,000.00	48,000.00
Multi purpose crushing machine	23-06-2022	Shobhit Nautiyal, Harsha Vardhan, Pranav Shivhare	Dr. Ashish Karn, Dr. Deepak Bharadwaj	UPES/R&D/SHODH/202208	School of Advanced Engineering		48,700.00	48,700.00
A Sustainable system to integrate Mechanical and Animal Power for Agriculture sector.	23-06-2022	Ridima Gangrade, Shivam Agrawal, Harshit Goel	Dr. Ashish Karn, Dr. Roushan Kumar	UPES/R&D/SHODH/202209	School of Advanced Engineering		50,000.00	50,000.00
Design & Development of an affordable indoor air quality enhancer product	23-06-2022	Ritvik Anand , Aditya Kataria, Gokul A R	Dr. Ramesh Donga, Dr. Ashish Karn	UPES/R&D/SHODH/202210	School of Advanced Engineering		50,000.00	50,000.00

Advancement in Perching Capabilities of UAVs with Leading Edge Protuberances.	23-06-2022	Vishal Singh Panwar, Vibhor Thakur, Karan Singh	Zozimus Dinesh Labana	UPES/R&D/SHODH/202211	School of Advanced Engineering		45,000.00	45,000.00
Developing a noise pollution app by conducting detailed research on perilous consequences and survey-based solutions	23-06-2022	Parag Rohira, Khyati Gupta, Navya Khurana, Ali haider, Muskan Sharma, Priyanshu	Dr. Dharmendra Kumar Gupta, Akshi Kunwar Singh	UPES/R&D/SHODH/202212	School of Advanced Engineering	5,000.00	40,000.00	45,000.00
Early kick detection to forecast the risk of disastrous oil well blowout	23-06-2022	Sanskar sharma, Aditya Kukreti, Suvayan Das, Devesh Saini, Shubham Dubey	Dr. Dharmendra Kumar Gupt,	UPES/R&D/SHODH/202213	School of Advanced Engineering	40,000.00		40,000.00
To create application and website that help people to tackle their mental health problems	16-08-2022	Abhishek tomar, Anoushka Biswal, Vrushali Chaudhary, Kritika Shrivastav	Rakesh Sah , Dr. Samrat Dev	UPES/R&D/SHODH/202214	School of Design		50,000.00	50,000.00
Paper based analytical device for detection of heavy metals in water	16-08-2022	Vartika Tonk, Rhythm Katyal, Naman Arora	Dr. Seim Timung	UPES/R&D/SHODH/202219	School of Advanced Engineering		35,415.00	35,415.00
Bio-Briquettes: A cleaner fuel for cooking and space Heating (Aligned with Rural Technology Flagship Project)	16-08-2022	Purusharth Sharma, Ashutosh, Rahul	Dr. Pranava Chaudhari, Dr. Amit Thakur	UPES/R&D/SHODH/202220	School of Advanced Engineering	30,000.00	5,000.00	35,000.00
Advancement in Vacuum Pyrolysis	16-08-2022	Abinav.C , Adithya P	Dr. Nilanjana Banerjee	UPES/R&D/SHODH/202221	School of Advanced Engineering	35,000.00	25,000.00	60,000.00
Utilization of organic waste to make eco-friendly germinating pots	16-08-2022	Aditya Garg, Suhani Nagpal, Likhit Gupta	Dr. Shilpi Agarwal, Dr. Shailey Singhal, Dr. Shikha Wadhwa, Dr. Madhu Sharma	UPES/R&D/SHODH/202222	School of Advanced Engineering	25,000.00	25,000.00	50,000.00
Underwater Pipelines Surveillance through HydroRobotics	16-08-2022	Jaskirat Singh, Neel Adwani	Dr. Ashish Karn, Dr. Deepak Bhardwaj	UPES/R&D/SHODH/202223	School of Advanced Engineering	40,300.00	15,000.00	55,300.00
Saksham / Communication solution for disabled	07-09-2022	Utkarsh Gupta, Aradhya Singh, Priyal Gupta	Prof. Bikram Pritim Bhuyan	UPES/R&D/SHODH/202224	School of Computer Science	47,000.00	3,000.00	50,000.00
Emotion Detection from Human Conversations with voice assistant using Artificial Intelligence	07-09-2022	Vibhor Goel, Pratyush Vivek, Ritanshu Birla, Dhruv Yadav, Jaskirat Singh	Dr. Virender Kadyan	UPES/R&D/SHODH/202225	School of Computer Science	47,000.00	3,000.00	50,000.00
A customized form generating platform with payments integration.	07-09-2022	Tejas Trivedi, Sharad Singhania	Mr. Pankaj Badoni	UPES/R&D/SHODH/202226	School of Computer Science	20,000.00	10,000.00	30,000.00
Academic web and mobile applications for effective pedagogy, integrity, fair evaluations, and mentoring - time-efficient strategies for teachers.	07-09-2022	Vaishnavi Srivastava, Rohit Gupta, Sarthak Rathore, Chinmayi Parimal, Divjot Kaur	Mr. Pankaj Badoni, Dr. Ashish Karn	UPES/R&D/SHODH/202227	School of Computer Science	20,000.00	10,000.00	30,000.00
In-situ prepared metal oxide and/or metal sulfide embedded 2D-layered materials for photocatalytic environmental remediation and sensing applications	23-06-2022	Shreya Sarkar, Shivangi Hatwal	Dr. Tapas Goswami, Dr. Tridib Sinha	UPES/R&D/SHODH/202228	School of Advanced Engineering		50,000.00	50,000.00
Photocatalytic Degradation of textile dye using Metal doped TiO2 nano catalyst	23-06-2022	Avaani Chanana, Shivangi Singhal	Dr. Sanjeev Dubey	UPES/R&D/SHODH/202229	School of Advanced Engineering	9,800.00	40,000.00	49,800.00
Two- Stage Pyrolyzer for Fast pyrolysis process of Biomass and Plastic wastes	10-04-2024	Rajeshwar Banerjee;Praval Yadav; Syed Sohail Ahammad; Harsha Vardhan Venna; Vasvi Kaushik	Dr. Amit Kumar Sharma	UPES/R&D-SoAE/10042024/1	School of Advanced Engineering	-	40,000.00	40,000.00
Design and modelling Of Bio-inspired vibration isolator with experimental validation	10-04-2024	Yash Tripathi;Ali Khan; Akash pal	Saurabh Kumar Bharti	UPES/R&D-SoAE/10042024/2	School of Advanced Engineering	-	50,000.00	50,000.00
Design and development of a modified hot air balloon	10-04-2024	Chitra Bharti;Manvendra Singh Solanki; Dhiren MS	Dr. Saurabh Kumar Bharti; Dr. Dhiraj Kumar	UPES/R&D-SoAE/10042024/3	School of Advanced Engineering	-	50,000.00	50,000.00
Development of an Electric Rover with Sensor-Based Control for Industrial Applications	10-04-2024	Aryan Sirohi;Swechha Singh	Dr. Devendra Kumar Saini; Dr. Harshit Mohan	UPES/R&D-SoAE/10042024/4	School of Advanced Engineering	-	50,000.00	50,000.00
Synthesis and characterization of natural fibre reinforced polymer composite for non-structural applications	10-04-2024	Khushi Bhatt;Aditi Chauhan	Manash Protim Mudoi	UPES/R&D-SoAE/10042024/5	School of Advanced Engineering	17,000.00	20,000.00	37,000.00
Innovative Shielding Solutions for Spacecraft: Unleashing the Potential of High Entropy Alloy (Ni-W)	10-04-2024	Piyush Prasad;Tigmanshu Ghanshala	Dr Ratnesh Kumar Panday	UPES/R&D-SoAE/10042024/6	School of Advanced Engineering	-	50,000.00	50,000.00

Design and Fabrication of Sensor Controlled Integrated System for Ankle Exoskeleton	10-04-2024	Anish Jain ;Zahto K Shohe	Dr. Ram Kunwer	UPES/R&D-SoAE/10042024/7	School of Advanced Engineering	10,000.00	40,000.00	50,000.00
Detection of cyanide ion using molecular photosensitizers	10-04-2024	Tanu Parashar;Rachit Malik	Dr. Sushil kumar	UPES/R&D-SoAE/10042024/8	School of Advanced Engineering	-	40,000.00	40,000.00
Design and development of 4-wheel electric daily commuter - Electric longboard	10-04-2024	Shlok Sutar	Dr. Roushan Kumar	UPES/R&D-SoAE/10042024/9	School of Advanced Engineering	-	50,000.00	50,000.00
Nanoscale Metal-Organic Frameworks Utilizing Transition Metals for Targeted Detection and Remediation of Environmental Hazards	10-04-2024	Anushka Pant;Vinit Kumar ; Anushka Pant	Dr. Tapas Goswami	UPES/R&D-SoAE/10042024/10	School of Advanced Engineering	-	35,000.00	35,000.00
Geotechnical Characterization of Lunar and Martian Regolith Simulants	10-04-2024	Ashutosh Kumar Rai;Kanishk Mehra, Yash Rawat	Dr. Saswati Datta	UPES/R&D-SoAE/10042024/11	School of Advanced Engineering	-	30,000.00	30,000.00
Investigation of new production routes of various radioisotopes used as radio pharmaceuticals in PET, SPET and TAT	10-04-2024	Shagun Thakur;Ashish Pawar	Kailash Pandey; DP Singh	UPES/R&D-SoAE/10042024/12	School of Advanced Engineering	-	30,000.00	30,000.00
Design and Analysis of a Bio-inspired Solar Cell Stacking –Fibonacci Tessellated Floret Bed Design	10-04-2024	Hiranyamayi Dipti Vakharwala	Dr. Geetanjali Raghav	UPES/R&D-SoAE/10042024/13	School of Advanced Engineering	25,000.00	25,000.00	50,000.00
Parametric Assessment & Optimization of Variation in Surface Roughness on the Metallic Bipolar Plates of Proton Exchange Membrane Fuel Cell (PEMFC)	10-04-2024	Mohit Nayal ;Aditya Rana	Dr. Varun Pratap Singh; Dr. Siddharth Jain	UPES/R&D-SoAE/10042024/14	School of Advanced Engineering	5,000.00	45,000.00	50,000.00
Development of high endurance UAV for delivery purpose	10-04-2024	Gautam Dinesh Goplani;Bhumik Gupta; Lakshya Saxena; Agrim Sharma	Dr. Ashish Mishra	UPES/R&D-SoAE/10042024/15	School of Advanced Engineering	-	50,000.00	50,000.00
Sulphonated and Phosphonated multiwalled Carbon nanotube catalyst and its effect on PEM fuel cell performance	10-04-2024	Abhishek Kumar Sharma;Abhijit Rawat	Dr. Siddharth Jain; Dr. Varun Pratap Singh	UPES/R&D-SoAE/10042024/16	School of Advanced Engineering	-	50,000.00	50,000.00
Performance analysis of fuel cell with respect to various catalyst on anode and cathode	10-04-2024	Rupansh Talwar;Aashish	Dr Siddharth Jain; Dr Varun Pratap Singh	UPES/R&D-SoAE/10042024/17	School of Advanced Engineering	-	50,000.00	50,000.00
Investigation of wind energy harvesting using flow-induced rotation of hinged plates	10-04-2024	AMAN RAJ;Rati Srivastava	Kumar Gaurav ; Dhiraj kumar	UPES/R&D-SoAE/10042024/18	School of Advanced Engineering	-	50,000.00	50,000.00
Characterization of Graphene Reinforced Kevlar-based hybrid composites for vehicle armor applications.	10-04-2024	Punya Bansal;Anuj Sevda and Purva Uniyal	Dr. Piyush Gaur	UPES/R&D-SoAE/10042024/19	School of Advanced Engineering	-	50,000.00	50,000.00
nanocomposite bone for Implants	10-04-2024	Anuj Sevda;Punya Bansal	Dr. Piyush Gaur and Dr. Jitendra Yadav	UPES/R&D-SoAE/10042024/20	School of Advanced Engineering	-	50,000.00	50,000.00
Development of Lightweight Hybrid UAV with Extended Flight Endurance	10-04-2024	Aman Aggarwal;Vidhu Dixit	Dr. Ashish Mishra	UPES/R&D-SoAE/10042024/21	School of Advanced Engineering	-	50,000.00	50,000.00
Design and Fabrication of Smart Luggage cum E-scooter	10-04-2024	Anuja Maharaj;Vivek Kumar Yadav	Dr. Ajay Kumar	UPES/R&D-SoAE/10042024/22	School of Advanced Engineering	-	50,000.00	50,000.00
Utilization of forest biomass for the development of green adsorbent	10-04-2024	Devansh Agarwal ; Saideep Gupta ; Mridul Tiwari ; Maninder Singh ; Ponnuru Greeshmanth	Mr. Niteen R. Yeole	UPES/R&D-SoAE/10042024/23	School of Advanced Engineering	20,000.00	20,000.00	40,000.00
Performance characterization of Archimedes screw turbine	10-04-2024	Akshat joshi; Anubhav Kumar Singh; Sachin Yadav/	Dr Ashish Karn; Dr. Varun Pratap Singh	UPES/R&D-SoAE/10042024/24	School of Advanced Engineering	-	50,000.00	50,000.00
Design, Development and Analysis of an Energy Harvesting System for Electric Vehicles using Occupant Seats Embedded with piezoelectric Sensors	10-04-2024	Abhidnya Sunil Mhatre	Dr. Prashant Shukla	UPES/R&D-SoAE/10042024/25	School of Advanced Engineering	14,750.00	35,250.00	50,000.00
Design and development of Swarm drone system with Launcher Unit	10-04-2024	Priyanshi Singh;Harshit Jain; Riya Sahu	Dr.Jitendra Yadav,Dr. Varun Pratap Singh; Dr Ashish Karn;	UPES/R&D-SoAE/10042024/26	School of Advanced Engineering	13,684.00	36,316.00	50,000.00
Integrated Solutions for Asphaltenes and Wax Deposition in crude oils/model oils: Novel Additives Approach	10-04-2024	Saksham Bhatt;Shubham Syunary; Vidhi Solanki; Diksha Pant	Dr. Rohit Sharma & Dr. Seim Timung	UPES/R&D-SoAE/10042024/27	School of Advanced Engineering	25,000.00	35,000.00	60,000.00

Design and manufacturing of an emergency response drone with Integrating advanced Toroidal Propeller and Autonomous Landing Gear	10-04-2024	Rimjhim Saxena;Saumya Mathur; Gagana Sai Mandrati; Rishabh Rawat	Mr. Harshit Shukla	UPES/R&D-SoAE/10042024/28	School of Advanced Engineering	-	50,000.00	50,000.00
Development of Bio Inspired Ornithopter with Flapping Wings	10-04-2024	Simar Singh Chawla;Vansh Mehrotra, Bhavya Singhal , Sneha Singh , Pranav Renake	Dr. Velidi V.S.S Gurunadh , Dr. Mahadeeswara Yadav	UPES/R&D-SoAE/10042024/29	School of Advanced Engineering	-	44,000.00	44,000.00
Design and Development of a Water Calibration Unit for fuel injectors.	10-04-2024	Mansi Goswami;Mayukh Chakraborty; Prajot Gorkhe; Sanjana Chauhan	Mr. Harshit Shukla	UPES/R&D-SoAE/10042024/30	School of Advanced Engineering	10,000.00	40,000.00	50,000.00
Design and Fabrication of a portable Incinerator for Medical application	10-04-2024	Harshita Soni;Krishna Pahilajani; Prakriti Bose; Vanshika Saxena	Velidi GSS Gurunadh	UPES/R&D-SoAE/10042024/31	School of Advanced Engineering	10,000.00	40,000.00	50,000.00
This project encompasses advancements in UAV aerodynamics and routing protocols, as well as the profound impact of AI on their capabilities.	10-04-2024	Raunak Jha;Yashraj Yogendra Gudhekar ; Vanshika Aggarwal ; Fahad Roshan ; Rakshit Singh	Dr. Ashish Karn	UPES/R&D-SoAE/10042024/32	School of Advanced Engineering	8,000.00	42,000.00	50,000.00
Design, Development and Testing of Extreme Cold weather Clothing System	10-04-2024	Aditya Rana ;Abhijit Rawat; Tisha Goswami	Dr. Varun Pratap Singh; Dr Ashish Karn; Dr. Siddharth Jain	UPES/R&D-SoAE/10042024/33	School of Advanced Engineering	-	50,000.00	50,000.00
Investigation of heat-pipe/vapour chamber-based passive thermal management solutions for terrestrial and space applications	10-04-2024	Kashish;Jasmeet Kaur;Shanya Singh	Dr. Ram Krishna Shah	UPES/R&D-SoAE/10042024/34	School of Advanced Engineering	-	50,000.00	50,000.00
Design and Development of an energy-efficient Bladeless wind turbine	10-04-2024	Punit Gandas;Shashank Panwar,Kanishka Bhatt	Mr Kumar Gaurav	UPES/R&D-SoAE/10042024/35	School of Advanced Engineering	-	49,000.00	49,000.00
Design and thermal analysis of an optimized reversible air-cooled battery pack for a 1 kW system	10-04-2024	Sudeep Singh Rawat;Shlok Sutar	Dr. Roushan Kumar	UPES/R&D-SoAE/10042024/36	School of Advanced Engineering	-	50,000.00	50,000.00
Design and Development of a 3D-Printed Robotic Arm with Intelligent Control	10-04-2024	Athul Suresh;Dushyant Panwar; Kedar Patil	Dr.Abhinav Sharma; Dr. Roushan Kumar	UPES/R&D-SoAE/10042024/37	School of Advanced Engineering	-	50,000.00	50,000.00
Modelling Control and Analysis of Grid Connected PV System for Dynamic Loading	10-04-2024	Shiv Saurabh;Ritwik Kanchi	Dr. Roushan Kumar	UPES/R&D-SoAE/10042024/38	School of Advanced Engineering	7,500.00	42,500.00	50,000.00
Development of Gas Monitor	10-04-2024	Aakash Pal, Mohd. Arif Khan, Piyush Kumar	Madhuben Sharma	UPES/R&D-SoAE/10042024/39	School of Advanced Engineering	-	39,980.00	39,980.00
Implementation of insect-inspired collision-avoidance strategy on a small unmanned aerial vehicle	10-04-2024	Manchiraju Sai Spoorthi;Harshita Saxena; Bhavya Singhal; Aman Aggarwal	Dr.Mahadeeswara Yadav	UPES/R&D-SoAE/10042024/40	School of Advanced Engineering	13,000.00	32,000.00	45,000.00
Assessment of microplastic & emerging contaminants in soil and water in and around municipal solid waste dumping sites on the foothill of Himalayan region with focus on	10-04-2024	Divya Agarwal ;Janit Malhotra ;Aditya Pran Bordoli ;Ahijith S Shabu ;Priyanshi Agrawal	Dr. Kanchan Bahukhandi;Dr. Shikha Wadwa;Dr. Suvendu Mana	UPES/R&D-SoAE/10042024/41	School of Advanced Engineering	-	40,000.00	40,000.00
Development of an Autonomous Drone for Agriculture	10-04-2024	Dilraj Singh Sran;Aditya Nimeshkumar Dalsaniya	Dr. Mahadeeswara Yadav; Dr. Gurunadh Velidi	UPES/R&D-SoAE/10042024/42	School of Advanced Engineering	8,000.00	42,000.00	50,000.00
Study and Experimentation on Effects of Electrohydrodynamic Thrust in Atmosphere using circular Emitter-Collector Grids	10-04-2024	Kratul Pundhir;Subhadra Mohanta	Dr. Ashish Karn & Dr. Dhiraj Kumar	UPES/R&D-SoAE/10042024/43	School of Advanced Engineering	19,000.00	31,000.00	50,000.00
UV Sanitizing Robot: Enhancing National Health and Safety Through IoT-driven Disinfection	10-04-2024	Kushagra Agarwal;Adwita	Dr. Bhupendra singh	UPES/R&D-SoCS/10042024/50	School of Computer Science	-	39,000.00	39,000.00
Autonomous mobile robot navigating in unknown environment: Mapping and Localisation.	10-04-2024	Yukti Panwar;Keshav Chaudhary	Dr. Priya Ranjan and Dr. Muthukumar	UPES/R&D-SoCS/10042024/51	School of Computer Science	-	49,876.00	49,876.00
Screening of oral microbiota as a diagnostic tool for autism spectrum disorder	10-04-2024	Sahiti Bhavaraju;Anamika Chambliyal; Vidushi Kaushal	Dr. Shubham Dwivedi	UPES/R&D-SoHST/10042024/53	School of Health Sciences & Technology	-	50,000.00	50,000.00
The ameliorating effect of ethnobotanical plant Abroma augusta on testesterone induced PCOS in zebrafish	10-04-2024	Adeeba Alamgir ;Devain Chopra	Ms.Himani Nautiyal; Dr.Shubham Dwivedi	UPES/R&D-SoHST/10042024/54	School of Health Sciences & Technology	-	50,000.00	50,000.00
Formulation of functional food from Bombax ceiba	10-04-2024	Ms Aakriti Sharma, Ms Ashita Aggarwal;Ms Babitaa kottakki;Ms Bhavya dhanker; Ms Visheshta Saxena	Dr Shuchi Upadhyay	UPES/R&D-SoHST/10042024/55	School of Health Sciences & Technology	5,000.00	45,000.00	50,000.00

Design, synthesis & in-vitro studies of 7-chloroquionoline based metal complexes as DNA binding agents for anti-cancer activity	10-04-2024	Aditi Sharma;Anshumann Tripathi	Dr. Utsab Debnath; Dr. Snigdha Misra	UPES/R&D-SoHST/10042024/56	School of Health Sciences & Technology	-	50,000.00	50,000.00
Development of a small-scale eco-friendly benchtop black soldier fly (Hermentia illucens) breeding station	10-04-2024	Sambhav Dadsena	Dr. Kamesh Rajendra Babu	UPES/R&D-SoHST/10042024/57	School of Health Sciences & Technology	-	30,000.00	30,000.00
Identification and validation of unique inflammatory-regulated polypeptides in black soldier fly larvae	10-04-2024	Anavi Sinha;Aaditya Choudhary	Dr Kamesh Rajendra Babu	UPES/R&D-SoHST/10042024/58	School of Health Sciences & Technology	-	50,000.00	50,000.00
Screening of urinary miRNAs for the non-invasive early detection of bladder cancer	10-04-2024	Perna Sutar;Mayurakshi Hardaniya	Dr. Kamesh Rajendra Babu; Dr. Dhruv Kumar	UPES/R&D-SoHST/10042024/59	School of Health Sciences & Technology	-	50,000.00	50,000.00
Establishing Drosophila as a disease model for high sugar diet induced obesity.	10-04-2024	Dipali Dev	Snigdha Mishra	UPES/R&D-SoHST/10042024/60	School of Health Sciences & Technology	-	50,000.00	50,000.00
Investigating the impact of gut micro-biota on reproduction.	10-04-2024	Abhinav Singh	Snigdha Mishra	UPES/R&D-SoHST/10042024/61	School of Health Sciences & Technology	-	50,000.00	50,000.00
Solubility and permeability enhancement of phytoconstituents for topical applications using nanoemulsion approach	10-04-2024	Gautam Kapil;Om Bisht	Richa Bahuguna; Rajendra Awasthi	UPES/R&D-SoHST/10042024/62	School of Health Sciences & Technology	-	49,990.00	49,990.00
Investigating the Pathophysiology of Bacterial Metabolites on Neural Functioning in Zebrafish as a Model for Autism Spectrum Disorder (ASD)	10-04-2024	Shubhra Dabral;Gantavya Azmani	Dr. Shubham Dwivedi	UPES/R&D-SoHST/10042024/63	School of Health Sciences & Technology	-	50,000.00	50,000.00
Comprehensive analysis of persistent pesticide residue degradation in contaminated soil	10-04-2024	Palak Ahuja;Sanvi Gupta;Madhav Nair	Dr. Nishu Goyal	UPES/R&D-SoHST/10042024/64	School of Health Sciences & Technology	-	1,06,200.00	1,06,200.00
Design and fabrication of electrochemical bio-sensor to detect acute lymphoblastic leukemia	10-04-2024	Rahul Kandpal;Kunal Jagtap; Sourabh Behra	Dr. Nidhi Chauhan	UPES/R&D-SoHST/10042024/65	School of Health Sciences & Technology	-	50,000.00	50,000.00
Screening of the natural products database at the Switch-I/II interface pocket of KRASG12D for the identification of novel KRASG12D inhibitors for the potential treatment of cancer	10-04-2024	Mr. Puneet Aashrawat;Mr. Ayush Mishra	Dr. Kuldeep Kumar Roy	UPES/R&D-SoHST/10042024/66	School of Health Sciences & Technology	-	50,000.00	50,000.00
Identification of novel non-covalent KRASG12C inhibitors as potential cancer therapeutics	10-04-2024	Mr. Ayush Mishra;Mr. Puneet Aashrawat	Dr. Kuldeep Kumar Roy	UPES/R&D-SoHST/10042024/67	School of Health Sciences & Technology	-	50,000.00	50,000.00
Development of crackers using Foxtail millet, Proso millet and Halim seeds	10-04-2024	Saurav goswami;CH.JAYANTH SRINIVAS	Abhishek chandra	UPES/R&D-SoHST/10042024/68	School of Health Sciences & Technology	-	35,000.00	35,000.00
Bioprospecting ethnic fermented food of Uttarakhand for probiotic bacteria.	10-04-2024	Arshia Razdan;Ashma	Dr. Piyush Kumar	UPES/R&D-SoHST/10042024/69	School of Health Sciences & Technology	-	50,000.00	50,000.00
Study on newly discovered Teazeled Receptors and their possible role in bacterial competence and metal resistance	10-04-2024	Aditya Mulukutla;Saniya Janariya;Riya Arora;Chandana Priyadarshini Bharali	Dr. Smriti Arora	UPES/R&D-SoHST/10042024/70	School of Health Sciences & Technology	-	50,000.00	50,000.00
Isolation, Screening and characterisation of Himalayan Trichoderma strains to develop multi-purpose microbial consortium for sustainable agriculture	10-04-2024	Sanskriti Dwivedi;Priyanshu turup;Vidhi Thapa;Sudhee Vinay;Shyamli Tiwari	Subhajit Basu	UPES/R&D-SoHST/10042024/71	School of Health Sciences & Technology	-	40,000.00	40,000.00
Development of modified finger millet starch film incorporated with lemongrass essential oil and its characterization study	10-04-2024	KINJALK NAGPAL;JAYANTH SRINIVAS	Dr. Mitali Madhumita and Dr. Sandhya S.	UPES/R&D-SoHST/10042024/72	School of Health Sciences & Technology	-	50,000.00	50,000.00
Effects of different drying techniques on quality characteristics and aroma profile of the grapefruit peel.	10-04-2024	Tanvi Aggarwal;Suhani Singh; Ch. Jayanth Srinivas; Abhay Pratap Singh	Mr. Abhishek Chandra	UPES/R&D-SoHST/10042024/73	School of Health Sciences & Technology	-	30,000.00	30,000.00
From lab to table: Revolutionizing the fish and poultry meat safeguarding through anti-adhesive properties of biosurfactants	10-04-2024	Kartikey Achary ;Rohan Kumar;Amisha Bisht;Falguni Raikwal	Subhajit Basu (SohST)	UPES/R&D-SoHST/10042024/74	School of Health Sciences & Technology	-	50,000.00	50,000.00
Genomic Insights For Early Oral Cancer Detection through Saliva Analysis	10-04-2024	Garima Nayal;Harsh Dora	Prof. Dhruv Kumar	UPES/R&D-SoHST/10042024/75	School of Health Sciences & Technology	-	50,000.00	50,000.00
Development of skin-on-chip model and study of antibacterial efficacy of nano-inspired wound dressings towards inhibiting disease progression	10-04-2024	Vishwajeet Singh;Vinayak Thakur	Dr. Divya Tripathi ; Dr. Souradeep roy	UPES/R&D-SoHST/10042024/76	School of Health Sciences & Technology	-	50,000.00	50,000.00

Optimization of DES assisted green extraction of bioactive from plant material	10-04-2024	Aakansha Sharma;Kamesh	Prashant Shukla	UPES/R&D-SoHST/10042024/77	School of Health Sciences & Technology	15,000.00	35,000.00	50,000.00
Design and Evaluation of Gelatin-Based Nanocarriers for Improved Drug Delivery	10-04-2024	Shairy Priya	Prashant Shukla	UPES/R&D-SoHST/10042024/78	School of Health Sciences & Technology	-	50,000.00	50,000.00
Development of a paper-based point of care(POC) device for the quantification of C-reactive protein	10-04-2024	Kartikay Singh Nayal;Kartikay Singh Nayal; Manan Dhadhich; Rohan Sathwik Patteti	Dr. Divya Tripathi	UPES/R&D-SoHST/10042024/79	School of Health Sciences & Technology	-	50,000.00	50,000.00
DEHRADUN MEMORY PROJECT	10-04-2024	PRANSHI AGRAWAL ;Pranshi agrawal. karan pahwa	Dr.sakshi chanana	UPES/R&D-SoLS/10042024/80	School of Liberal Studies & Media	-	50,000.00	50,000.00
Design and Development of Vertical Farming System	10-04-2024	Dev;Deepak Singh Gariya	Dr. Abhinav Sharma;Dr. Sushabhan Choudhury	UPES/R&D-SoAE/10042024/44	School of Advanced Engineering	-	40,000.00	40,000.00
Analysis of real time solar irradiance for Dehradun region by using filed data devices	10-04-2024	Soumitra K Gupta;/Muhammad Anas	Dr. Surajit Mondal	UPES/R&D-SoAE/10042024/45	School of Advanced Engineering	35,450.00	-	35,450.00
Development of hybrid scooter/Two wheeler	10-04-2024	Shreyansh Rai;	Dr. Prashant Shukla/Dr. Harshit Mohan	UPES/R&D-SoAE/10042024/46	School of Advanced Engineering	-	50,000.00	50,000.00
Design and development of 3 degree of freedom robotic arm	10-04-2024	Ishaan Saini;	Dr. Ram Kunwer	UPES/R&D-SoAE/10042024/47	School of Advanced Engineering	-	31,145.00	31,145.00
Development and Testing of Weather Ballon	10-04-2024	Amian Dash;	Dr.Velidi Vss Gurunadh	UPES/R&D-SoAE/10042024/48	School of Advanced Engineering	-	32,000.00	32,000.00
Development of promising flame-retardant to enhance cotton safety.	10-04-2024	Janit Malhotra;Divyanshi Gurung;Bhanu Tyagi	Dr. Shilpi Agarwal;Dr. Shailey Singhal	UPES/R&D-SoAE/10042024/49	School of Advanced Engineering	-	38,000.00	38,000.00
RECYCLING of wastepaper to create Handmade paper and UPCYCLING of handmade paper	10-04-2024	Gulnaaz Kaur Gill;Priyanshu Chaudhary	Mekhlla Harrison	UPES/R&D-SoD/10042024/52	School of Design	15,000.00	25,000.00	40,000.00
Total						14,14,484.00	73,10,221.00	87,24,705.00