

S.No	Type of Project	School	Title	Project code	Project Date	PI	Co-PI	Capex(INR)	Opex(INR)	Total
1	Seed	School of Business	Building Energy Security in North Indian States using Modular Nuclear Reactors: Challenges and Enablers	UPES/R&D-SoB/13032023/01	20-07-2023	Mr. Shambhu Sajit	Dr. Aswani RS	-	1,20,000.00	1,20,000.00
2	Seed	School of Business	Animal in the City: Man-Animal conflict and the slow violence of becoming urban in the global south	UPES/R&D-SoB/13032023/02	20-07-2023	Dr. Debjani Mukherjee		-	2,41,700.00	2,41,700.00
3	Seed	School of Advanced Engineering	Recycling of waste biomaterials for developing flexible electronics: sensors and/or energy harvesters	UPES/R&D-SoE/20062022/01	20-07-2023	Dr.Tridib Kumar Sinha	Prof. Pankaj Kumar Prof. Anil Sinha	3,05,000.00	1,45,000.00	4,50,000.00
4	Seed	School of Advanced Engineering	Pressure-Induced Intriguing Relationship Between Structural and Electronic Properties in Strongly Correlated Electron Systems	UPES/R&D-SOE/20062022/02	20-07-2023	Dr. Samar layek	Dr. Tapas Goswami	2,80,000.00	2,60,000.00	5,40,000.00
5	Seed	School of Advanced Engineering	Polymorphism in molecular crystals. Prefereantial crystallization of metastable polymorphs by using suitable chemical auxiliaries	UPES/R&D-SOE/20062022/03	20-07-2023	Dr. Ritesh Dubey	Dr. Samar Layek	60,000.00	4,40,000.00	5,00,000.00
6	Seed	School of Advanced Engineering	Innovative Design and Development of CFRC Pressure Vessels for Aerospace and Automobile Applications: Numerical and Experimental Study	UPES/R&D-SOE/20062022/04	20-07-2023	Dr. Debabrata Gayen	Dr. Subhankar Das	-	-	-
7	Seed	School of Advanced Engineering	Water quality resilience through Biotic ligand modeling and toxicity predication for Lake Nainital, Uttarakhand	UPES/R&D-SOE/20062022/05	20-07-2023	Chandrashekhar Bhagat	Dr. Manish Kumar	-	2,60,000.00	2,60,000.00
8	Seed	School of Advanced Engineering	Study of rare B- meson decays with Belle (II) experiments at KEK(High Energy Accelerator Research Organisation) Japan	UPES/R&D-SOE/20062022/06	20-07-2023	Dr. Vipin Gaur		-	3,25,000.00	3,25,000.00
9	Seed	School of Advanced Engineering	Application of modified biochar prepared from Himalayan region lignocellulosic biomass for the wastewater treatment	UPES/R&D-SOE/06032023/7	20-07-2023	Dr. Balendu Shekher Giri	Dr. Manish Kumar	50,000.00	3,00,000.00	3,50,000.00
10	Seed	School of Advanced Engineering	Global Maximum Power Enhancement using the Optimal Placement of Modules in PV Array Re-configuration and validation through PV Analyzer System: Advancement of PV plant Installation	UPES/R&D-SOE/24022023/8	20-07-2023	Dr. Rupendra Kumar Pachauri	Dr. Piyush Kuchhal	3,38,500.00	6,000.00	3,44,500.00
11	Seed	School of Advanced Engineering	Study of Coal fines migration induced permeability variation in Indian Coal	UPES/R&D-SOE/24022023/9	20-07-2023	Dr. Harinandan Kumar		3,50,000.00	1,35,000.00	4,85,000.00
12	Seed	School of Advanced Engineering	Experimental investigation of asymmetric rotor shaft having parametric instability driven by non-ideal DC motor	UPES/R&D-SOE/24022023/10	20-07-2023	Saurabh Kumar Bharti	Dhiraj Kumar	-	4,52,000.00	4,52,000.00
13	Seed	School of Advanced Engineering	Smart Hybrid Solar Kitchen - A Sustainable Solution for home and community cooking	UPES/R&D-SOE/24022023/11	20-07-2023	Dr. Varun Pratap Singh	Dr Siddharth Jain	-	4,50,000.00	4,50,000.00
14	Seed	School of Advanced Engineering	Mechanical, Impact and Thermal Characterization of Hybrid Nano Composite based on Dyneema and Aramid Fabric reinforced with surface treated MWCNT for Application in Ballistic Helmets.	UPES/R&D-SOE/24022023/12	20-07-2023	Dr. Piyush Gaur		2,40,000.00	1,20,000.00	3,60,000.00
15	Seed	School of Advanced Engineering	Experimental Investigation on Low Velocity Impact Behaviour of MWCNT based Hybrid Composites	UPES/R&D-SOE/24022023/13	20-07-2023	Dr Deepak Bhardwaj	Dr. Piyush Gaur	3,50,000.00	30,000.00	3,80,000.00
16	Seed	School of Advanced Engineering	The optimization of energy harvesting capability of flexible foils under flow-induced, self-sustained flapping: an experimental	UPES/R&D-SOE/25032023/14	20-07-2023	Dr. Dhiraj Kumar	Dr. Saurabh Kumar Bharti	-	3,55,000.00	3,55,000.00
17	Seed	School of Advanced Engineering	3D Printing of Soft Active Devices with Self-healing Function	UPES/R&D-SOE/28022023/15	20-07-2023	Sravendra Rana		1,00,000.00	50,000.00	1,50,000.00
18	Seed	School of Advanced Engineering	Development of chemical additives for rheological improvement and flow improvement of waxy crude oils	UPES/R&D-SOE/28022023/16	20-07-2023	Dr. Rohit Sharma	Dr. Prathibha Pillai	2,50,000.00	1,00,000.00	3,50,000.00
19	Seed	School of Advanced Engineering	Development of green nanoparticle based nanoemulsion for application in enhanced oil recovery for mature oil reservoirs	UPES/R&D-SOE/28022023/17	20-07-2023	Dr. Prathibha Pillai	Dr. Rohit Sharma	2,30,000.00	1,20,000.00	3,50,000.00
20	Seed	School of Health Sciences & Technology	Development of gold nanoparticles based colorimetric sensor array for multiplex detection of xenobiotics	UPES/R&D-SoHS&T/22022023/01	20-07-2023	Piyush Kumar		1,50,000.00	3,30,000.00	4,80,000.00
21	Seed	School of Health Sciences & Technology	Exploring barriers and facilitators to health outcomes of neonates in the district of Pauri Garhwal, Uttarakhand	UPES/R&D-SoHS&T/28022023/02	20-07-2023	Dr Soumya Gupta	Dr Divya Rawat Dr Shikha Saxena	-	1,20,000.00	1,20,000.00
22	Seed	School of Advanced Engineering	Development of lung-on-chip model and study of antibacterial activity of suitable bionanomaterials towards inhibiting lung cancer propagation.	UPES/R&D-SoHS&T/28022023/03	20-07-2023	Dr. Ashish Mathur	Dr. Souradeep Roy	-	3,35,000.00	3,35,000.00
23	Seed	School of Design	Starting a Unit of making #HANDMADE PAPER by recycling wastepaper #@UPES #best out of waste #sustainable paper #save the environment #responsible-creative-citizen	UPES/R&D-SOD/22022023/01	20-07-2023	Mekhia Harrison		15,000.00	1,55,000.00	1,70,000.00
24	Seed	School of Design	Algorithm: Encoding a tribal tattoo typeface through the use of AI to work not only as a commu-nication tool but to reveal hidden socio-cultural images and symbols valuable to the tribe while using the font.	UPES/R&D-SOD/22022023/02	20-07-2023	Prof. Ishan Khosla		20,000.00	80,000.00	1,00,000.00
25	Seed	School of Design	Internet memes: To study the effectiveness as a visual communication tool fro product promotion.	UPES/R&D-SOD/22022023/03	20-07-2023	Prasun Chakraborty		3,50,000.00	30,000.00	3,80,000.00
26	Seed	School of Design	Impact of Covid-19 awareness campaign by Govt. of India: Effects of different media in Uttarakhand.	UPES/R&D-SOD/22022023/04	20-07-2023	Prof. Bappa Das		2,30,000.00	1,00,000.00	3,30,000.00
27	Seed	School of Design	Design of a Smart walking Cane for Elderly Users	UPES/R&D-SOD/22022023/05	20-07-2023	Prof Manas Ranjan Mishra	Vikas Thapa	80,000.00	50,000.00	1,30,000.00
28	Seed	School of Advanced Engineering	Wet Synthesis facilities for Battery and Supercapacitor Materials	UPES/R&D-AS/04032022/01	04-03-2022	Dr. Anil Kumar Sinha	Dr. Prateek Bhojane	3,50,000.00	1,25,000.00	4,75,000.00
29	Seed	School of Advanced Engineering	Interlayer Engineering of Bridged Reduced Graphene Oxide Framework using Organic Linkers for High-Energy and High-Power Density Supercapacitors	UPES/R&D-AS/04032022/02	04-03-2022	Dr. Prateek Bhojane	Dr. Satya Krishna Nippani	50,000.00	1,50,000.00	2,00,000.00
30	Seed	School of Advanced Engineering	Production of hydrocarbon fuels from municipal and covid-19 plastic waste using ultra-violet assisted vacuum pyrolysis reactor	UPES/R&D-AS/04032022/03	04-03-2022	Prof Bhawna Yadav Lamba	Dr. Amit Kumar Sharma	3,50,000.00	2,25,000.00	5,75,000.00
31	Seed	School of Advanced Engineering	Natural fiber reinforced composite for packaging and structural applications	UPES/R&D-SOE/07032022/06	07-03-2022	Mr. Manash Protim Mudoi	Dr. G. L. Devnani	30,000.00	80,000.00	1,10,000.00
32	Seed	School of Health Sciences & Technology	Development of phytochemicals coated metal oxides nanoparticles using medicinal plant extracts for cancer treatment	UPES/R&D-HS/24022022/08	24-02-2022	Prof. Dipak Maity	Dr. Smriti Arora	2,60,000.00	2,40,000.00	5,00,000.00
33	Seed	School of Advanced Engineering	Solubility & dissolution rate enhancement of herbal compounds	UPES/R&D-SOE/07032022/14	07-03-2022	Dr. Rahul Kumar	Dr. Amit K Thakur	4,50,000.00	15,000.00	4,65,000.00
34	Seed	School of Advanced Engineering	Measuring House-Hold Air Pollution for Rural Uttarakhand and intervention methodologies	UPES/R&D-SOE/07032022/12	07-03-2022	Dr. Nilanjana Banerjee	Dr. Pranava Chaudhari; Dr. Amit K. Thakur; Dr. Rahul Kumar	1,60,000.00	40,000.00	2,00,000.00
35	Seed	School of Advanced Engineering	A device for room heating	UPES/R&D-SoE/07032022/02	07-03-2022	Dr. Somenath Ganguly	Dr. Deepak Bharadwaj (Mechanical cluster, School of Engineering); Dr. Ashish Karn (Mechanical cluster, School of Engineering); Dr. Tamaghna Chakraborti (Energy cluster,	3,50,000.00	-	3,50,000.00
36	Seed	School of Advanced Engineering	Investigation of polyurea coating on hardness and impact strength of ultra-high molecular weight polyethylene composite.	UPES/R&D-SOE/07032022/05	07-03-2022	Dr. Ashish Mishra	Mr. Kumar Gaurav	1,00,000.00	2,00,000.00	3,00,000.00
37	Seed	School of Advanced Engineering	Design and development of Indian style cooking applications using solar energy.	UPES/R&D-SOE/07032022/04	07-03-2022	Dr. Ajay Kumar	Dr. Rajesh Maithani, Dr, Anil Kumar, Prof. Sachin Sharma	3,17,000.00	65,000.00	3,82,000.00
38	Seed	School of Advanced Engineering	Aluminum-Air Battery for Commercial Electric Vehicles with Refrigerated Logistic Transportation	UPES/R&D-SOE/07032022/03	07-03-2022	Ashish Karn	Roushan Kumar	2,80,000.00	15,000.00	2,95,000.00
39	Seed	School of Advanced Engineering	LAB scale hybrid (PCM-Concrete) thermal energy storage system for CSP applications	UPES/R&D-SoE/07032022/01	07-03-2022	Ramesh Kumar	Ram Kunwer	2,70,200.00	1,15,000.00	3,85,200.00
40	Seed	School of Advanced Engineering	Anthromorphic Robotic Hand with Finger Gripper having 15 DOF	UPES/R&D-SOE/07032022/13	07-03-2022	Dr. Deepak Bharadwaj	Dr. Deepak Kumar	3,50,000.00	20,000.00	3,70,000.00
41	Seed	School of Advanced Engineering	Decadal change in weathering and CO2 degassing associated with groundwater	UPES/R&D-SOE/07032022/09	07-03-2022	Dr. Kanchan Deoli Bahukhandi	Professor Manish Kumar	2,50,000.00	80,000.00	3,30,000.00
42	Seed	School of Advanced Engineering	Seasonality and Delta and Omicron Variant monitoring of COVID-19 : A Comparative study of Delhi and Haridwar city of Uttarakhand	UPES/R&D-SOE/07032022/11	07-03-2022	Prof. Manish Kumar	Dr. Smriti Arora	1,20,000.00	1,20,000.00	2,40,000.00
43	Seed	School of Advanced Engineering	Investigation of the occurrence of pharmaceutical compounds as an emerging contaminant in wastewater treatment plants (WWTPs) of Dehradun city and remediation approaches	UPES/R&D-SOE/07032022/10	12-05-2022	Mr. Rahul Silori	Dr. S.M. Tauseef	-	60,000.00	60,000.00
44	Seed	School of Advanced Engineering	Flexible Power Point tracking and current limitation in photovoltaic inverters during low - voltage-ride-through operation under unbalanced grid voltage sags	UPES/R&D-SOE/07032022/07	07-03-2022	Dr. Vibhu Jatley	Dr. Vinay Chowdary Dr. Abhinav Sharma	3,22,000.00	20,000.00	3,42,000.00
45	Seed	School for Life	Gendering Mining in Central and North East India	UPES/R&D-SFL/06042022/01	06-04-2022	Dr Bitopi Dutta		10,000.00	1,10,000.00	1,20,000.00

46	Seed	School for Life	Investigation of bio-chemical processes in working women as an effect of Yoga , Meditation and NDS on psychosomatic diseases	UPES/R&D-SFL/06042022/02	06-04-2022	Dr. Shalini Vohra	Dr Sakthi Ganesh ,Dr. Pooja Gupta	-	60,000.00	60,000.00
47	Seed	School for Life	Integrating Yoga and Positive Psychology: Exploring the efficacy of a Yoga-Based Positive Psychology Intervention on Stress, Subjective and Psychological Well-being in adults.	UPES/R&D-SFL/06042022/03	06-04-2022	Ms. Yamini Negi	Dr. Asha Kaushik	-	80,000.00	80,000.00
48	Seed	School for Life	The OTT Effect- How adapted content has spiraled Binge watching of literature and its impact on Gen Z	UPES/R&D-SFL/06042022/04	06-04-2022	Dr Sakshi Chanana	Dr. Asha Kaushik	-	35,000.00	35,000.00
49	Seed	School for Life	Collection, Translation, and Understanding of Socio-cultural Artefacts- Folk Songs, Stories etc of the Ecosystem surrounding UPES and foothills of Himalayas	UPES/R&D-SFL/06042022/05	06-04-2022	Dr Manjari Chaturvedi	Dr Pooja Gupta	-	70,000.00	70,000.00
50	Seed	School of Business	Effects of Government Segment-wise Health Coverage Schemes on individuals' risk behavior	UPES/R&D-SOB/21032022/01	21-03-2022	Dr. Ashu Tiwari	Dr. Promila Das	60,000.00	90,000.00	1,50,000.00
51	Seed	School of Business	Drivers of Wellness Tourism for sustainable livelihoods: A study from selected district of Uttarakhand	UPES/R&D-SOB/21032022/02	21-03-2022	Dr. Meenakshi Sharma	Ms. Sakshi Bathla Ms. Payal Dey	-	1,50,000.00	1,50,000.00
52	Seed	School of Business	Role of Gender Budgeting in Women Empowerment: An analysis of women centric programmes in Uttarakhand, India	UPES/R&D-SOB/21032022/03	21-03-2022	Dr. Subhra Rajat Balabantaray	Prof. Payal Dey, Prof. Upananda Pani	-	1,45,000.00	1,45,000.00
53	Seed	School of Business	Prefer Linear or Crooked: A Visual Representation Perspective	UPES/R&D-SOB/21032022/04	21-03-2022	Sakshi Aggarwal	Prof. Sanjeev Tripathi and Prof. Sudipta Mandal (IIM Indore)	-	1,20,000.00	1,20,000.00
54	Seed	School of Business	Energy Transition with Students as Stakeholders: Comparative Public Policies in Uttarakhand, India (and Massachusetts, USA)	UPES/R&D-SOB/21032022/05	21-03-2022	Ms. Payal Dey	Prof. Hiranmoy Roy	-	1,50,000.00	1,50,000.00
55	Seed	School of Computer Science	Investigating the elements of mental stress in the speech with multi sensor approach.	UPES/R&D-SOCS/25022022/01	25-02-2022	Bhupendra Singh		-	1,15,000.00	1,15,000.00
56	Seed	School of Design	Design a sustainable soil tilling device for mountain farming	UPES/R&D-SOD/14032022/01	14-03-2022	Samrat Dev Ashish Thulkar(left Upes)	Rakesh Sah	1,20,000.00	75,000.00	1,95,000.00
57	Seed	School of Health Sciences & Technology	Structure-based drug design, synthesis and biological evaluations of non-covalent KRAS-G12C/D inhibitors as potential cancer therapeutics	UPES/R&D-HS/24022022/01	24-02-2022	Dr. Kuldeep Kumar Roy	Dr. Utsab Debnath	1,20,000.00	2,90,000.00	4,10,000.00
58	Seed	School of Health Sciences & Technology	Setting up an in vitro screen for natural products/phytochemicals from medicinal plants of Uttarakhand which are potential translation inhibitors in E. coli.	UPES/R&D-HS/24022022/02	24-02-2022	Dr. Smriti Arora	Prof. Neeraj Mahindroo, Dr. Dipak Maity (SOE), Dr. Manish Kumar (SOE)	1,20,000.00	1,85,000.00	3,05,000.00
59	Seed	School of Health Sciences & Technology	Identification of Drosophila based targets for the reproductive toxicity.	UPES/R&D-HS/24022022/03	24-02-2022	Dr. Snigdha Misra	Dr. Sandip Nandi	50,000.00	1,75,000.00	2,25,000.00
60	Seed	School of Law	Research on "Feasibility of establishing an animal shelter home at UPES"	UPES/R&D-SOI/06042022/01	06-04-2022	Latika Choudhary	Udit Raj Sharma	-	25,000.00	25,000.00
61	Seed	School of Law	'Access to justice and usage of E-Courts in Uttarakhand' during the pandemic and its implications'	UPES/R&D-SOI/06042022/02	06-04-2022	Gunjan Saxena	Abhishek Sinha	-	1,15,000.00	1,15,000.00
62	Seed	School for Life	ASSESSING THE IMPACT OF EMERGING TECHNOLOGIES ON INDIA: A STUDY ON INDIVIDUAL PRIVACY AND NATIONAL SECURITY	UPES/R&D-SFL/06042022/06	06-04-2022	Jayadev Parida		-	30,000.00	30,000.00
63	Seed	School of Health Sciences & Technology	Development of Dual Targeted Oxindole Conjugates for Skin Malignancy: Molecular Modeling, Synthesis and Biological Evaluation	UPES/R&D-HS/24022022/04	24-02-2022	Ms. Monika	Snigdha Misra	3,00,000.00	1,75,000.00	4,75,000.00
64	Seed	School of Health Sciences & Technology	Improvement of cognitive functions by L-leucine via mTOR/PI3K/AKT pathway in Drosophila model of Alzheimer's disease.	UPES/R&D-HS/24022022/05	24-02-2022	Dr. Ansab Akhtar		40,000.00	1,75,000.00	2,15,000.00
65	Seed	School of Health Sciences & Technology	Investigate molecular mechanisms of immune response resulting from temporal interactions between reproduction and immunity using Drosophila	UPES/R&D-HS/24022022/06	24-02-2022	Dr. Vanika Gupta(Left UPES)	Nishu Goyal	1,00,000.00	2,10,000.00	3,10,000.00
66	Seed	School of Health Sciences & Technology	Measuring, monitoring and evaluating the health status of COVID-19 affected population	UPES/R&D-HS/24022022/07	24-02-2022	Dr. Jyoti Upadhyay		3,00,000.00	65,000.00	3,65,000.00
67	Seed	School of Advanced Engineering	Recycled Glass Nano Beads Reinforced Hybrid Natural Fiber Composites for Automobile and Aerospace Industry	UPES/R&D-SOE/07032022/08	07-03-2022	Dr. Subhankar Das	Dr. Manjeet Singh Goyat	80,000.00	3,25,000.00	4,05,000.00
68	Seed	School of Computer Science	Automated Real-Time Road Quality, Pothole, Landslide and Frost Detection in Hilly Terrain	UPES/R&D-SOCS/25022022/02	25-02-2022	Dr. Nitesh Singh Malan	Dr. Achal Agrawal	-	1,23,000.00	1,23,000.00
69	Seed	School of Advanced Engineering	Design and development of a wearable microneedle patch for the continuous monitoring of acute myocardial infraction	UPES/R&D-SOE/07032022/15	07-03-2022	Dr. Ashish Mathur	Dr. Souradeep Roy	-	4,25,000.00	4,25,000.00
70	Seed Infra		Electro-Chemical Workstation	UPES/R&D-SEED-INFRA/24082023/11	24-08-2023	Dr. Ashish Mathur	Dr. Anil Sinha	14,00,000.00		14,00,000.00
71	Seed Infra		Thickness Monitor and Controller for Sputtering System	UPES/R&D-SEED-INFRA/24082023/06	24-08-2023	Dr. Amit K Chawla	Dr. Anil Sinha	2,00,000.00		2,00,000.00
72	Seed Infra		Developing a Gas Sensing setup facility at UPES	UPES/R&D-SEED-INFRA/24082023/02	24-08-2023	Dr. Ratnesh Pandey	Dr. Amit K Chawla	16,50,000.00		16,50,000.00
73	Seed Infra		Grinder Mixer, Soldering Station – 2 Nos, and Tool Box	UPES/R&D-SEED-INFRA/24082023/10	24-08-2023	Dr. Ashish Mathur	Dr. Souradeep Roy and Mr. Prakash Vasanth Bobde	2,00,000.00		2,00,000.00
74	Seed Infra		Vacuum Oven, Vacuum Evaporator and Vacuum Hardware	UPES/R&D-SEED-INFRA/24082023/12	24-08-2023	Dr. Ratnesh Pandey	Dr. D. K. Avasthi and Dr. Anil Sinha, Dr. Amit Chawla	10,00,000.00		10,00,000.00
75	Seed Infra		Diamond Anvils for testing Pressure-Induced Intriguing Relationship Between Structural and Electronic Properties in Strongly Correlated Electron Systems	UPES/R&D-SEED-INFRA/24082023/04	24-08-2023	Dr. Samar Layek	Dr. Tapas Goswami	4,00,000.00		4,00,000.00
76	Seed Infra		Upgradation of Sputtering Source and Power Supply	UPES/R&D-SEED-INFRA/24082023/05	24-08-2023	Dr. Amit K Chawla	Dr. Ajay Gupta	24,30,000.00		24,30,000.00
77	Seed Infra		Radiation Meter for Monitoring of Radiation from Radioactive Sources	UPES/R&D-SEED-INFRA/24082023/09	24-08-2023	Dr. Samar Layek		1,10,000.00		1,10,000.00
78	Seed Infra		Upgradation of Sputtering setup facility at UPES	UPES/R&D-SEED-INFRA/24082023/03	24-08-2023	Dr. Amit K Chawla	Dr. Parswajit Kalita	7,00,000.00		7,00,000.00
79	Seed Infra		Chiller for condensation of hydrocarbon vapours and Distillation Apparatus for Bio-diesel Laboratory	UPES/R&D-SEED-INFRA/24082023/08	24-08-2023	Dr. Bhawna Lamba	Dr. Amit Sharma	4,50,000.00		4,50,000.00
80	Seed Infra		Flat Corrosion Cell for EC-Workstation	UPES/R&D-SEED-INFRA/24082023/07	24-08-2023	Dr. Subhankar Das	Dr. Anil Sinha	75,000.00		75,000.00
81	Seed Infra		Indigenous Plasma System and MFC for the Indigenous Plasma System	UPES/R&D-SEED-INFRA/24082023/13	24-08-2023	Dr. Ratnesh Pandey	Dr. D. K. Avasthi	4,00,000.00		4,00,000.00
82	Seed Infra		Setting up Belle II GRID Computing facility at UPES	UPES/R&D-SEED-INFRA/17052023/01	17-05-2023	Dr. Vipin Gaur	Prof. J. B. Singh	18,00,000.00		18,00,000.00
83	Seed Infra		BET(Brunauer-Emmett-Teller Nitrogen adsorption analyzer)	UPES/R&D-SEED-INFRA/18032024/01	18-03-2024	Dr. Shikha Wadhwa		70,00,000.00	-	70,00,000.00
84	Seed Infra		Viability of Sleep and Light Interventions to Treat Depression in India	UPES/R&D-SEED-INFRA/18032024/02	18-03-2024	Yamini Negi, Dr. Anitha Menon; Dr. Barbara Parry; Dr. David Sommerfeld; Dr. Melissa Reneaux		5,15,000.00	1,44,000.00	6,59,000.00
85	Seed Infra		Upgradation of the Thermal Evaporation system for thin film	UPES/R&D-SEED-INFRA/18032024/03	18-03-2024	Dr. Amit Kumar Chawla, Dr. Anil Sinha		7,00,000.00	-	7,00,000.00
86	Seed Infra		Upgradation of the Magnetron Sputtering System for Precisely Controlled Thin Films	UPES/R&D-SEED-INFRA/18032024/04	18-03-2024	Dr. Amit Chawla, Dr. Ajay Gupta		20,00,000.00	-	20,00,000.00
87	Seed Infra		Development of Spray Pyrolyzer set up for thin film synthesis	UPES/R&D-SEED-INFRA/18032024/05	18-03-2024	Dr. Amit Kumar Chawla, Dr. Sanjeev Dubey		6,50,000.00	-	6,50,000.00
88	Seed Infra		Development of Distillation Apparatus for upgradation of the pyrolysis oil/biodiesel in CAER Lab	UPES/R&D-SEED-INFRA/18032024/06	18-03-2024	Dr.Amit Sharma, Dr. Bhawna Lamba Yadav		3,50,000.00	1,50,000.00	5,00,000.00
89	Seed Infra		Upgradation of existing paper recycling laboratory	UPES/R&D-SEED-INFRA/18032024/07	18-03-2024	Dr. Bhawna Lamba, Dr Sapna Jain		5,00,000.00	2,00,000.00	7,00,000.00
90	Seed Infra		Upgradation of Plasma system	UPES/R&D-SEED-INFRA/18032024/08	18-03-2024	Dr. Ratnesh Pandey, Dr. D. K. Avasthi		12,80,000.00	-	12,80,000.00
91	Seed Infra		Vaccum Furnace	UPES/R&D-SEED-INFRA/18032024/09	18-03-2024	Dr. Ratnesh Pandey		18,25,000.00	-	18,25,000.00

92	Seed Infra		Vacuum Oven	UPES/R&D-SEED-INFRA/18032024/10	18-03-2024	Dr. Anil Sinha		1,00,000.00	-	1,00,000.00
93	Seed Infra		Vacuum Hardware	UPES/R&D-SEED-INFRA/18032024/11	18-03-2024	Dr. Anil Sinha		2,00,000.00	-	2,00,000.00
94	Seed	School of Liberal Studies & Media	Ecofeminism and Ecological Futures: Exploring the politics, economics and aesthetics of climate change and ecofeminist resistance in Uttarakhand	UPES/R&D-SoLS/08042024/52	08-04-2024	Dr. Debadrita Chakraborty	Dr. Aswani R.S.	-	2,00,000.00	2,00,000.00
95	Seed	School of Liberal Studies & Media	Digital Mental Health Intervention for Students: A Feasibility Randomised Control Trial on Acceptance and Commitment Therapy in India	UPES/R&D-SoLS/08042024/53	08-04-2024	Dr. Sudha Shashwati Sahoo	Dr. Ritesh Kumar, Amity Institute of Psychology and Allied Sciences, Amity University; Dr. Carrie Clark, University of Nebraska-Lincoln; Mr. Kaeyoor Joshil,	-	3,00,000.00	3,00,000.00
96	Seed	School of Advanced Engineering	Gender differences in attitudes, preferences, and safety perceptions of commuters associated with public transport use in the Himalayan region	UPES/R&D-SoAE/08042024/1	08-04-2024	Dr. Ankit Kumar Yadav	Dr. Debadrita Chakraborty	-	1,00,000.00	1,00,000.00
97	Seed	School of Advanced Engineering	Development of molecular receptors for anion sensing applications in solution and solid states	UPES/R&D-SoAE/08042024/2	08-04-2024	Dr Sushil Kumar	Dr Ritesh Dubey	-	2,75,000.00	2,75,000.00
98	Seed	School of Advanced Engineering	Extraction of microcrystalline cellulose from discarded fabrics	UPES/R&D-SoAE/08042024/3	08-04-2024	Dr. Shailey Singhal	Dr. Ajay Mittal	3,50,000.00	-	3,50,000.00
99	Seed	School of Advanced Engineering	Investigation of thermomechanical and self-healing behavior of natural filler reinforced biocomposite for non-structural application	UPES/R&D-SoAE/08042024/4	08-04-2024	Mr Manash Protim Mudoi	Dr. Ashish Misra	1,00,000.00	75,000.00	1,75,000.00
100	Seed	School of Advanced Engineering	Advancing waste to energy: Development of a two-stage gasification reactor for converting municipal solid waste to biofuel	UPES/R&D-SoAE/08042024/5	08-04-2024	Dr Siddharth Jain	Dr Varun Pratap Singh; Dr Amit Sharma	3,95,600.00	45,000.00	4,40,600.00
101	Seed	School of Advanced Engineering	Design and thermal analysis of an optimized hybrid cooled battery pack for a 1-5 kW system for Electric Vehicle applications	UPES/R&D-SoAE/08042024/6	08-04-2024	Dr. Roushan Kumar	Dr. Roushan Kumar	3,90,290.00	2,000.00	3,92,290.00
102	Seed	School of Advanced Engineering	On-chip multiplexed detection and clinical validation for rapid diagnostic of prostate cancer biomarker	UPES/R&D-SoAE/08042024/7	08-04-2024	Ashish Mathur	Shilpi Agarwal; Krishna Kant	-	3,50,000.00	3,50,000.00
103	Seed	School of Advanced Engineering	Development of natural bioprocess to produce extra-terrestrial construction material utilizing indigenous planetary resources	UPES/R&D-SoAE/08042024/8	08-04-2024	Dr. Saumyaranjan Sahoo	Dr Saswati Datta	1,00,000.00	1,00,000.00	2,00,000.00
104	Seed	School of Advanced Engineering	Development of Speed Control Strategies for Industrial & EV Motor Drives	UPES/R&D-SoAE/08042024/9	08-04-2024	Dr. Harshit Mohan	Dr. Piyush Kuchhal	3,25,000.00	1,05,000.00	4,30,000.00
105	Seed	School of Advanced Engineering	Assessment of the interaction between geopolymer concrete and clay in radioactive waste disposal zone	UPES/R&D-SoAE/08042024/10	08-04-2024	Dr. Saswati Datta	Dr. Saumyaranjan Sahoo	3,00,000.00	1,00,000.00	4,00,000.00
106	Seed	School of Advanced Engineering	Detecting and tracking honeybees in natural habitats to study their foraging patterns	UPES/R&D-SoAE/08042024/11	08-04-2024	Dr. Mahadeeswara Yadav	Mr. Kushal Singh	4,39,000.00	58,000.00	4,97,000.00
107	Seed Infra		Conversion of Organic Waste (kitchen waste, sewage sludge, fruit waste, dairy waste) and algae to Renewable Biohydrogen via Dark Fermentation	UPES/R&D-SoAE/08042024/12	08-04-2024	Dr Amit Kumar Sharma	Dr Nishu goyal and Sauvendu manna	4,50,000.00	50,000.00	5,00,000.00
108	Seed	School of Advanced Engineering	Development of Mxene based photocatalyst for the degradation of antibiotics from water.	UPES/R&D-SoAE/08042024/13	08-04-2024	Dr Shikha Wadhwa	-	-	1,55,000.00	1,55,000.00
109	Seed	School of Advanced Engineering	Study of Uttarakhand Forest Fire Burning and their Impact on Environment	UPES/R&D-SoAE/08042024/14	08-04-2024	Dr. Mahesh Kumar Tiwari	Dr. Prashant Shukla	2,95,000.00	40,000.00	3,35,000.00
110	Seed	School of Advanced Engineering	Development of novel energy storage material for high temperature solar thermal applications	UPES/R&D-SoAE/08042024/15	08-04-2024	Dr. Ram Kunwer	Dr. Anil Kumar; Dr. Subhankar Das	1,35,000.00	1,30,000.00	2,65,000.00
111	Seed	School of Advanced Engineering	Environmental Analysis of Hg Polluted sites by Artisanal Gold Mining in Himachal Pradesh	UPES/R&D-SoAE/08042024/16	08-04-2024	Hadas Mamane Steindel	Durga Prasad Panday	-	2,85,000.00	2,85,000.00
112	Seed	School of Advanced Engineering	'Study of Rare B-meson Decays with Belle (II)' experiments at KEK (High Energy Accelerator Research Organization), Japan	UPES/R&D-SoAE/08042024/17	08-04-2024	VIPIN GAUR	NA	-	1,51,347.00	1,51,347.00
113	Seed	School of Advanced Engineering	The investigation of energy harvesting capability of flexible foils under flow-induced, self-sustained flapping.	UPES/R&D-SoAE/08042024/18	08-04-2024	Dhiraj Kumar	Kumar Gaurav; Saurabh Kumar Bharti	3,70,000.00	74,000.00	4,44,000.00
114	Seed	School of Business	The Aadhaar-enabled Payment System (AePS): Potential Constraints and Challenges in Uttarakhand	UPES/R&D-SoB/08042024/29	08-04-2024	Dr. Soumyajit Chakraborty	Dr. Jaspreet Kaur	-	1,40,000.00	1,40,000.00
115	Seed	School of Computer Science	Understanding Somatic Response Positions of Emotions in Autistic People using Machine Learning	UPES/R&D-SoCS/08042024/30	08-04-2024	Dr. Nayantara Kotoky	Dr. Saroj Snehal Shivagunde	20,000.00	40,000.00	60,000.00
116	Seed	School of Computer Science	CROSS PLATFORM ANALYSIS OF NEAR-TERM QUANTUM COMPUTERS USING MATERIAL SIMULATION TOOLS.	UPES/R&D-SoCS/08042024/31	08-04-2024	Dr. Shreya Banerjee	Dr. Sonal Talreja	-	2,25,000.00	2,25,000.00
117	Seed	School of Design	The process of converting west papers & plastic into woven fabric and transform them into a daily used product (Recycling)	UPES/R&D-SoD/08042024/32	08-04-2024	Prasun Chakraborty		1,10,000.00	90,000.00	2,00,000.00
118	Seed	School of Design	Designing the mobility Assistance to pilgrim for Uttarakhand region.	UPES/R&D-SoD/08042024/33	08-04-2024	Lavendra Shukla	Avimesh Sharma	-	2,50,000.00	2,50,000.00
119	Seed	School of Design	Design and development of Craft products of Uttarakhand (Natural Grass and Fibres) for creating a sustainable business to empower craftsmen livelihood	UPES/R&D-SoD/08042024/34	08-04-2024	Nikhil Tikhe	Rakesh Sah	50,000.00	2,50,000.00	3,00,000.00
120	Seed	School of Health Sciences & Technology	Bioavailability of rare-earth metals to lanthanides utilizing microbes and their biomineralization potentials.	UPES/R&D-SoHST/08042024/37	08-04-2024	Dr. Subhajit Basu	Dr. Suwendu Manna	2,50,000.00	1,85,000.00	4,35,000.00
121	Seed	School of Health Sciences & Technology	Development of a non-invasive miRNA-based qPCR panel for the early detection of lung cancer	UPES/R&D-SoHST/08042024/38	08-04-2024	Dr. Kamesh	Dr. Dhruv Kumar	50,000.00	4,35,000.00	4,85,000.00
122	Seed	School of Health Sciences & Technology	Development and validation of polycystic ovarian syndrome (PCOS) induced autism-like behavior in zebrafish: Genetic and phenotypic correlation	UPES/R&D-SoHST/08042024/39	08-04-2024	Dr. Shubham Dwivedi	Dr. Snigdha Misra	80,000.00	3,00,000.00	3,80,000.00
123	Seed	School of Health Sciences & Technology	Developing a Drosophila melanogaster based system for xenobiotic testing and disease modelling	UPES/R&D-SoHST/08042024/40	08-04-2024	Dr. Snigdha Mishra	Dr. Shubham Dwivedi	60,000.00	3,50,000.00	4,10,000.00
124	Seed	School of Health Sciences & Technology	Surveillance of Antimicrobial Resistance (AMR) in Doon Valley: A One-Health Approach	UPES/R&D-SoHST/08042024/41	08-04-2024	Dr. Ramendra Pati Pandey	Dr. Subhajit Basu; Dr. Jyoti Upadhyay; Dr. Piyush Kumar; Dr. Divya Tripathi	-	4,50,000.00	4,50,000.00
125	Seed	School of Health Sciences & Technology	Identification of Andrographolide Based Acetylcholinesterase Inhibitors by Ligand and Structure Based Drug Design Approach	UPES/R&D-SoHST/08042024/42	08-04-2024	Anand Gaurav	Shraddha Manish Gupta	2,00,000.00	3,00,000.00	5,00,000.00
126	Seed	School of Health Sciences & Technology	Development of a polymer integrated sensor for rapid detection of Astaxanthin.	UPES/R&D-SoHST/08042024/43	08-04-2024	Dr. Utkarsh Jain	Dr. Mitali Madhumita	1,00,000.00	3,80,000.00	4,80,000.00
127	Seed	School of Health Sciences & Technology	A point of care device fabricated on microfluidic platform for neonatal sepsis infections	UPES/R&D-SoHST/08042024/44	08-04-2024	Dr. Nidhi Chauhan	Dr. Nishu Goyal	-	3,00,000.00	3,00,000.00
128	Seed	School of Health Sciences & Technology	Exosome Biomarkers for Early Breast Cancer Detection through Biosensor Assays	UPES/R&D-SoHST/08042024/45	08-04-2024	Prof. Dhruv Kumar	Prof. Ashish Mathur	1,00,000.00	4,00,000.00	5,00,000.00
129	Seed	School of Law	Adaptive Strategies of women artisans in carpet industry post Pandemic	UPES/R&D-SoL/08042024/50	08-04-2024	Dr Himani Kaushik	Dr Himani	-	85,000.00	85,000.00
130	Seed	School of Law	Legal Empowerment at the Finish Line: A Comprehensive Analysis of Legal Education for Sports Persons in India	UPES/R&D-SoL/08042024/51	08-04-2024	Dr. Aarushi Batra	Ms Pooja Gautam	-	1,50,000.00	1,50,000.00
131	Seed	School of Advanced Engineering	Experimental Investigations on Rubber and Polyurethane-based Tougheners Used for Fracture Toughness Improvement of Epoxy Resins.	UPES/R&D-SoAE/08042024/19	08-04-2024	Dr. Jitendra Yadav	Piyush Gaur	-	2,00,000.00	2,00,000.00
132	Seed	School of Health Sciences & Technology	To investigate the effect of blowing Conch Shell (Shankh) on human health and well-being: Addressing SDG-3	UPES/R&D-SoHST/08042024/46	04-08-2024	Dr. Dharmendra Kumar Gupta	Dr Shubham Dwivedi	75,500.00	2,97,500.00	3,73,000.00
133	Seed	School of Computer Science	Drone Technology for Monitoring Medicinal Plant Populations in Uttarakhand	UPES/R&D-SoHST/08042024/47	08-04-2024	Prof. Kingshuk Srivastava		-	1,46,000.00	1,46,000.00
134	Seed	School of Advanced Engineering	Pressure-Induced Intriguing Relationship Between Structural andElectronic Properties in Strongly Correlated Electron Systems	UPES/R&D-SoAE/08042024/20	08-04-2024	Dr. Samar Layak		5,80,000.00	-	5,80,000.00
135	Seed	School of Advanced Engineering	Recycling of waste biomaterials for developing flexible electronics: sensors and/or energy harvesters	UPES/R&D-SoAE/08042024/21	08-04-2024	Dr.Tridib Sinha		3,22,000.00	-	3,22,000.00
136	Hill Grant	School of Advanced Engineering	Investigating the Black Carbon Trajectories and Radiative Effects Across Varied Glacial Landscapes in Uttarakhand Himalayas	UPES/R&D-SoAE/08042024/22	08-04-2024	Dr. Amit Awasthi		-	1,00,000.00	1,00,000.00
137	Hill Grant	School of Advanced Engineering	Sustainable waste solutions for Himalaya: A comprehensive plastic and biodegradable waste management approach.	UPES/R&D-SoAE/08042024/23	08-04-2024	Dr. Prashant Shukla		-	2,00,000.00	2,00,000.00

138	Hill Grant	School of Design	A Study of the Selu Bhimal Fiber craft of Himalayan region and mapping opportunities for intervention in existing design and diversification of the crafts and other handmade products to create livelihood	UPES/R&D-SoD/08042024/35	08-04-2024	Dr. Khushboo Bharti		-	1,50,000.00	1,50,000.00
139	Hill Grant	School of Advanced Engineering	Qualitative Assessment of Geo-sites and Geo-heritage potential of Himalayan Region: A Geo-tourism Promotion and its Conservation.	UPES/R&D-SoAE/08042024/24	08-04-2024	Dr. Uday Bhan		-	2,00,000.00	2,00,000.00
140	Hill Grant	School of Advanced Engineering	Exploration of the Himalayan hot-springs for the isolation of industrially important thermo-enzyme producing microbes	UPES/R&D-SoAE/08042024/25	08-04-2024	Dr. Suvendu Manna		-	2,00,000.00	2,00,000.00
141	Hill Grant	School of Design	Early detection of flash flood and landslide using IoT for Himalayan region	UPES/R&D-SoD/08042024/36	08-04-2024	Vikas Thapa		-	1,50,000.00	1,50,000.00
142	Hill Grant	School of Advanced Engineering	Integration of Solar Tracking Technology with Water Treatment Systems for Rural Communities in Hilly Terrain: A Design and Optimization Approach	UPES/R&D-SoAE/08042024/26	08-04-2024	Dr. S.Mondal		-	2,00,000.00	2,00,000.00
143	Hill Grant	School of Health Sciences & Technology	High Throughput screening of anti-microbial resistance from environmental samples of Doon- Valley for geo-spatial mapping	UPES/R&D-SoHST/08042024/48	08-04-2024	Dr.Piyush Kalra	Dr.Subhajit Basu;Dr. Ramendra Pati Pandey ;Dr. Girish Chandra Kothiyari	-	2,00,000.00	2,00,000.00
144	Seed	School of Health Sciences & Technology	Low-cost biochar production from agricultural waste for bioremediation of hydrocarbon pollutants	UPES/R&D-SoHST/08042024/49	08-04-2024	Sunita Varjani		1,00,000.00	4,00,000.00	5,00,000.00
145	Seed	School of Advanced Engineering	Investigating the role of nanoparticles in the Binary surfactant for the residual oil mobilization	UPES/R&D-SoAE/08042024/27	08-04-2024	Himanshu Kesarwani	Sunita Varjani	1,96,470.00	3,00,000.00	4,96,470.00
146	Seed	School of Advanced Engineering	Optimization of pH and partial pressure of aqueous solution of CO2 for CO2 sequestration in basalt	UPES/R&D-SoAE/08042024/28	08-04-2024	Sanjeev Kumar	Dr. Nirlipta Priyadarshini Na	2,50,000.00	1,15,000.00	3,65,000.00
147	Seed Infra		MOKE instrument for the study of magnetization dynamics in nanostructures	UPES/R&D-SEED-INFRA/18032024/12	18-03-2024	Dr. Sachin Pathak & Prof.Ajay Gupta		1,30,390.00	-	1,30,390.00
148	Seed Infra		Air Conditioning Unit for Raman Lab,R&D	UPES/R&D-SEED-INFRA/12082024/13	12-08-2024	Dr.Ranjeet Kumar Brajpuriya		45,500.00	-	45,500.00
Total								4,10,12,450.00	2,04,75,547.00	6,14,87,997.00