

Name of the teacher getting seed money	Title of the Project	The amount of seed money (INR in Lakhs)	Year of receiving grant	Duration of the grant
Kumar Gaurav Dr. Ashish Karn	Experimental investigation of ventilated supercavitation at high cavitator temperature	3.75	2020- 21	12 months
Dr. Ramesh Donga Dr. Ashish Karn Mr. Shashank Pal Mr. Gaurav Mittal	Novel technology of water lifting technique and efficiency enhancement of hydro turbines in remote hilly areas	2.75	2020- 21	12 months
Dr. Ranjit Kumar Dr. Rajeev Gupta Dr. Vamsi Krishna Dr. D.K. Gupta Dr. Ajay Mittal	Nanomaterial based superhydrophobic sponge for oil-water separation for oil spills.	1.80	2020- 21	12 months
Dr. Shikha Wadhwa Dr. Kanchan Bahukhandi	Development of a photocatalytic membrane for the removal of pharmaceutical compounds from water	1.75	2020- 21	12 months
U N Mohamed Shahid Dr. Amit Chawla	Thin films of perovskite electrolytes for solid state lithium ion batteries.	2.55	2020- 21	12 months
Dr. Surajit Mondal Dr. Amit Kumar Sharma Dr. Pankaj Kumar Sharma	Co-pyrolysis of mixed plastic waste and biomass using a novel catalyst to produce fuel grade hydrocarbons	1.75	2020- 21	12 months
Dr. Akarsh Verma Dr. Shyam Pandey	Atomistic insights to study doped 2D nanostructures for structural and energy storage	2.25	2020- 21	12 months
Dr. Shyam Pandey Mr. Shashank Pal Dr. Shailey Singhal	Analysis of performance, combustion and emission characteristics of the 3- cylinder 4-stroke compression ignition engine fueled with plastic and diesel blend.	1.10	2020- 21	12 months
Dr. Ankush Vij Dr. Shalendra Kumar Dr. Ranjeet K Brajpuria	Synthesis and phase change induced modifications in luminescence studies of binary oxide based nanostructures	2.50	2020- 21	12 months
Dr. Manan Mehta Dr. Shikha Wadhwa	TiO <sub>2</sub> :SnS nanocomposites for photo-electro-chemical applications	2.10	2020- 21	12 months
Dr. Ashish Mathur Dr. Tapas Goswami	Design and development of portable electrochemical sensor for Human Papilloma Virus (HPV) detection based on microfluidics platform	6.00	2020- 21	12 months
Dr. Nishu Goyal Bansal Dr. Smriti Arora Dr. Koushik Das	Optimizing biodegradation pathways in pesticides removing soil organisms using wet-lab and dry-lab approaches	3.00	2020- 21	12 months
Dr. Parswajit Kalita Dr. Sachin pathak Dr. Sanjeev Kumar	Designing piezoelectric mechanical energy harvesters based on polymer-biowaste hybrids for self-powered biomedical & next-generation electronics applications	2.05	2020- 21	12 months
Dr. Abhishek Kumar Mishra Dr. Tapas Goswami Dr. Shikha Wadhwa	Designing metal and metal oxide based hybrid nano structures for sensor applications	5.00	2020- 21	12 months
Dr. Sarathlal K V Dr. Sachin Pathak	Study of magnetization dynamics in Py nanostructures grown on curved surfaces	4.27	2020- 21	12 months
Dr. Jimmy Mangalam Dr. A. Chawla	Impact study of Self-assembled monolayers at the interface of transparent conducting oxide and metal oxide charge transport layers in semiconductor thin film devices	1.60	2020- 21	12 months
Mr. Mohamed Shahid Dr. P. Vijay	Kinetics and Performance of Bi-doped Perovskite Electrodes for Reversible Solid Oxide Cells Operating on Hydrogen	1.70	2020- 21	12 months
Dr. Suvendu Manna Dr. Amit Sharma Dr. Kanchan Bahukhandi	Development of polymer nano-composite based porous and super-hydrophobic aerogels for oil-water separation in batch and continuous processes	3.50	2020- 21	12 months
Dr. Gaurav Pandey Dr. Deepak Singh Dr. Geetanjali Chauhan Dr. Uday Bhan	Phase Equilibrium and Kinetic Study of Gas Hydrate Systems	7.25	2020- 21	12 months
Dr. Sunil Kumar Khare	Relict clinopyroxenes as black box to decipher characteristics of Archean volcanism, metallogeny and crustal evolution of Central Indian craton	1.60	2020- 21	12 months
Dr. Utsab Debnath Dr. Neeraj Mahindroo (Co-PI) Mr. Jeevan Patra (Co-PI)	Design, synthesis and biological evaluation studies of new Etoposide analogues as anti-cancer agents	3.70	2020- 21	12 months
Dr. Sandip K Nandi Dr. Koushik Das	Role of phosphorylation on the structure and chaperone activity of Mycobacterium tuberculosis HSP16.3: Implications on drug resistance and macrophage activation	4.10	2020- 21	12 months
Dr. Koushik Das Smriti Arora Divya Rawat	Diet mediated modulation of intestinal microbiome: a novel & innovative strategy to combat against enteric parasitic infection	3.25	2020- 21	12 months
Dr. Mintu Pal Dr. Sarvendra Rana	Development of Plant based quantum dots as fluorescent probes for tumor specific bioimaging	1.90	2020- 21	12 months
Dr. Manish Gupta Dr. Shuchi Upadhyay Dr. Smriti Arora Dr. R Kaushik	Development of casein-based nanoencapsulation method for delivery of Chlorella vulgaris (SoHS)	2.00	2020- 21	12 months
Ms. Mithali Chugh Mr. Neeraj Chugh	In Work, at home: An empirical Study on Understanding of Technical Debt in Indian Software Development	1.00	2020- 21	12 months

Dr. Alok Aggarwal; Dr. Jyoti Upadhyay	Design, implementation and verification of ML-based model for identification of insulin resistance in humans using non-invasive techniques	2.25	2020- 21	12 months
Dr. Rahul Nijhawan	Real-Time robust framework for mapping landslide hazard using high resolution satellite images	1.70	2020- 21	12 months
Mr. Alind Mr. Hhimsanhu Sahu	Wildfire Localization and spread prevention in moderate to dense regions	1.30	2020- 21	12 months
Dr. Rajesh Tripathi Dr. Swati Gupta	Developing Social Innovation tool for rural Uttarakhand: An empirical study	1.30	2020- 21	12 months
Dr. T. Joji Rao Dr. Narendra N. Dalei Dr. Sumeet Gupta	Adoption of CCSU Technology as a Long-term Plan to Mitigate Climate Change: Scope and Opportunities for India	1.60	2020- 21	12 months
Dr. Neeraj Anand Dr. Biranchi Prasad Panda	Developing a Tourism Product on Four Siddh Peeths in Dehradun	1.10	2020- 21	12 months
Asif Khan Dr. H Roy	Role of Gender and Corporate Governance in Determining the Performance of Microfinance Institutions in India	1.30	2020- 21	12 months
Dr. Ratna Banerjee Dr. Meenakshi Sharma	A Study of 'Smart Village' parameters in select villages of Dehradun district, Uttarakhand	1.45	2020- 21	12 months
Dr Mohammad Younus Bhat Dr Rupesh Kumar	Economics of Improved Solid Waste Management: A case study of Selected Municipal Corporations of Uttarakhand	1.10	2020- 21	12 months
Jharna Joshi Anirban Chowdhury	Development of sustainable products from textile waste generated during the fabric cutting stage of garment production process.	1.90	2020- 21	12 months
Rakesh Sah Dr. Anirban Chowdhury	Design and development of Glass products (Flame work) for creating a sustainable business to empower craftsmen livelihood	2.25	2020- 21	12 months
Dr. Samrat Dev Dr. Anirban Chowdhury	Development of anthropometric data base for sustainable product design	3.45	2020- 21	12 months
Debashis Majumder Ashish R Thulkar	Design and Development of an Amphibian Vehicle for National Border protection, where boredr falls on watery land or rivers.	0.90	2020- 21	12 months
Ishan Khosla Pankaj Badoni, Anmol Srivastava, Venkateshvarlu Varela	Shilp-se-Shiksha: an Edtech language app based on Indian crafts	0.30	2020- 21	12 months
Manisha Mohan Dr Anirban Chowdhury	The Effectiveness of Immersive media (Virtual Reality) in building Empathy in Nurses	2.30	2020- 21	12 months
Rajan Iyer Dr. Anirban Chowdhury	Value added Product Development with Bamboo using novel technology.	0.95	2020- 21	12 months
Mayank Bisht Ajit Bhandari	Design Intervention for angora knitting craft of Uttarakhand to empower women all over the state	1.10	2020- 21	12 months
Dr. Aswani RS Dr. Yonus Bhatt	Risk Assessment of Offshore wind Energy: A case of Indian Ocean Region	0.96	2020- 21	12 months
Dr. Asha Kaushik Dr. Manisha Mohan	Empowering Senior Citizens by teaching digital literacy in semi urban areas of dehradun district	0.94	2020- 21	12 months
Nikita Begum Talukdar Poonam Singh	Acquisition Authentication and Preservation of Electronic Evidence- An Exploratory Study in Indian Courts	0.66	2020- 21	12 months
Mr. Neeraj Kumar Sharma Dr. Devender K. Saini	Structural solution to mitigate electrical accident at high voltage traction line.	2.00	2019-20	12 months
Mr. Sachin Sharma Dr. Abhay Kumar Dr. Rajesh Maithani	Experimental analysis to enhance thermo-hydraulic performance of solar air heater having sine wave obstacles.	2.57	2019-20	12 months
Dr. Suwendu Manna Professor Papita Das Mr. Prakash Bobde	Development of an economic and portable copper nano-composite based clay-pot filters for point-of-use water purification	2.50	2019-20	12 months
Dr. Sushabhan Choudhury Dr. Arpit Jain Dr. Abhinav Sharma Dr. Rupendra Kumar Pachauri Mr. Vinay Chowdary Mr. Abhishek Sharma	Artificial Intelligence and IoT enabled Precision Agriculture System	3.00	2019-20	12 months
Mr. Ramesh Kumar	Compact Runway Takeoff And Landing (CORTAL)	1.00	2019-20	12 months
Dr. Shilpi Aggarwal	Development of solid catalyst for acid catalyzed reactions	0.50	2019-20	12 months
Dr. Bhawna Yadav Lamba Dr. Sapna Jain	Value Addition of waste paper	5.00	2019-20	12 months
Dr. Dr. Jitendra Yadav Dr. Santosh Kumar Kurre	Dynamic Analysis of loosening of mechanical bolts under various loading conditions and vibrations	1.50	2019-20	12 months
Dr. Leena Kapoor Prof. Santosh K Gupta	Installation of a Novel Catalytic biomass pyrolysis reactor for bio-oil production using different biomass feedstocks	2.00	2019-20	12 months
Geetanjali Rani Dr. D. Saini Mr. V. Balaji	Feasibility plan of sustainable highway corridor infrastructure for electric vehicle	2.00	2019-20	12 months
Dr. Prateek Prasher Dr. M. M Tambuwala Dr. Kamal Dua	Drug delivery vehicle based on MNP- loaded polysaccharides	4.00	2019-20	12 months
Mrs. Geetanjali Raghav Dr. Rajesh Maithani Dr. Anil Kumar	A novel solar water heater with storage for rural areas of uttarakhand : An experimental evaluation	1.00	2019-20	12 months
Dr.G.Gopalakrishnan Pulla Rose Havilah	Studies on the Syngas Conversion to Dimethyl Ether	3.50	2019-20	12 months
Mr. Prakash Bobde, Dr. Sukdeb Pal, Senior Scientist, CSIR-NEERI	Synthesis, characterization and applications of Layered Hydroxides as adsorbent for Contaminants of Emerging Concerns.	2.50	2019-20	12 months

Dr. Ajay Kumar	Solid reductant selective catalytic reduction system and composite regeneration particulate filtration system for exhaust emission control	1.80	2019-20	12 months
Mr. Sami Rehman	Design, Development and demonstration of solar thermal based lightening system	3.50	2019-20	12 months
Dr. Annapurna Boruah	Experimental investigation of inhibition and adsorption mechanism of shales by developing linear expansivity and adsorption desorption setup for enhanced shale gas recovery	4.50	2019-20	12 months
Dr. Deepak Kumar	Effect of Nano additives shape, size and concentration on the tribological behaviour of biodiesel.	1.50	2019-20	12 months
Dr. Manjeet Singh Goyat Dr. Sachin Pathak	CNTs reinforced self-healing polymer composite coating for improved service life of flexible Li-ion Batteries	4.50	2019-20	12 months
Dr. Sunil Gupta, Dr. Durgansh Sharma	Development of Energy Efficient Smart Building & Fusion Billing System	1.23	2019-20	12 months
Dr. Neelu J A, Ms. Bhavana Kaushik	ICT assisted Art-Craft Workmanship for Rural Women Communities: An empowerment journey towards Sustenance	3.79	2019-20	12 months
Dr. Rohit Tanwar, Ms. Deepa Joshi	Prioritizing Parameters Responsible for Fall in Elders	1.05	2019-20	12 months
Dr. Virendra Kadyan, Dr. Deepika Koundal	Development of Image Based Agriculture Fertilizer Spreading Apparatus	0.35	2019-20	12 months
Mr. Prashant Rawat, Dr. Mrinal Goswami	Robust View Invariant Recognition of Hand Postures and Their Spatio-Temporal Sequences for Acoustically Disabled Persons	0.85	2019-20	12 months
Dr. Ajay Prasad, Dr. Kaushik Ghosh	Efficient Surveillance Assistance using hotspot analysis for Efficient Policing	0.92	2019-20	12 months
Dr.Githa Hedde Ms.Apurva	A Case of BIAL (Bangalore International Airport Limited)	1.00	2019-20	12 months
Dr. Neeraj Anand Mr. Shanatnu	Developing a business sustainability model for Cluster based agriculture food processing units in Uttarakhand	1.00	2019-20	12 months
Dr. Anita Sengar	Case study: Flipkart Vs Amazon Vs JioMart vs. Regulatory challenges- Is Indian ecosystem becoming biased for Indian origin E-Commerce players?	0.66	2019-20	12 months
Dr.Hiranmoy Roy Dr. BK Singh and Dr. Vaishali Singh	Impact of Sustainable Smart Cities on Socio-Economic Development: A case of Dehardun.	1.00	2019-20	12 months
Dr. P C Bahuguna Mr. Neeraj Kataria and Dr.Tarun Dhingra	Impact assessment of Uttarakhand Skill Development Mission (USDM) On Economic upliftment of the Trainees.	0.80	2019-20	12 months
Mr. Soumitra Bhattacharya Dr. Anirban Chowdhury	Design Intervention for Ringaal- Basketry craft of Uttarakhand to empower craftsmen and improve livelihoods	2.00	2019-20	12 months
Mr. Debashis Majumder Dr.Anirban Chowdhury	Design and manufacture of prototype of an Amphibious vehicle for recreational use in Indian context	2.00	2019-20	12 months
Mr. Nitin Sharma Mr. Siddhartha Mukherjee	Design and Development of an electric in campus personal mobility solution	2.00	2019-20	12 months
Dr. Anju Pandey , Dr. Atiq Ahmed, (External)	Socio-legal implication of agro-biotechnology among Bt Cotton farmers: An exploratory sequential study	2.00	2019-20	12 months
Dr. Ashish Verma , Dr. Shikha Dimri	Right to Education and the National Educational Policy in light of Welfare State Responsibility : An evaluation of the state of implementation with reference to Uttarakhand	1.63	2019-20	12 months
Mr. Udit Raj Sharma Mr. Siddharth Balani	'Water Security' for the State of Uttarakhand – A Study of feasibility of Water Conservation Methods with special emphasis on Rain Water Harvesting	2.47	2019-20	12 months
Mr. Deepanmol Singh Mr.Deepak Kumar	Fabrication of electronic device for quantitation of chemical compounds based on colorimetric analysis	2.50	2019-20	12 months
Dr. Raj Kumar Tiwari Mr. Gunjan Vasant Bonde	Design and Development of Vitamin D loaded niosome formulation for population experiencing Vitamin D insufficiency.	5.00	2019-20	12 months
Dr. Neeraj Mahindroo Dr. Sapna Jain Mr. Jeevan Patra	Design, Synthesis and Structure-Activity Relationship Studies of Falcipain Inhibitors as Antimalarials	4.90	2019-20	12 months
Dr. Jagadeeshwar Kodavaty Mr. Shyam Kumar Inturi	Volume displacement studies of SP slug in a microfluidic sandstone device- EOR	2.50	2018-19	12 months
Dr. G. Gopalakrishnan	Synthesis, modification, characterization and evaluation of Hierarchical ZSM-12 for hydrothermal liquification of wastewater into low-oxygen containing bio-oil	2.30	2018-19	9 months
Dr. Om Prakash Mr. Shikhar Purohit	Fabrication and flight test of different configurations of winged hybrid airship	2.00	2018-19	3 months
Dr. P. K. Srivastava Dr. Saurabh Mittal	Geo-Spatial Mapping and Quality Assessment of Aquifer zones around UPES	1.00	2018-19	12 months
Dr. Ashutosh Pandey Dr. Bhavana Lamba	Chemical degradation of post-consumer PET bottles over metal salt catalyst.	0.62	2018-19	4 months
Satyajit Chowdhury Dr. Srinivasa Reddy Devarapu Dr. Sunil Khare Srawanti Medhi	Design of Nano weighing agents for drilling fluids to reduce downhole torque and drag	0.50	2018-19	3 months
V. Surendar Valluri Venkata Krishnakanth	Formulation of Optimized Environment Friendly and Safe Pyrotechnic Composition using pyrovalency approach	0.75	2018-19	11 months
Dr. Prathyusha Mekala	Phase Behaviour Predictions for Pure and Binary Gas Semi clathrate Hydrates of TBAC, TBAF, TBANO <sub>3</sub> Ionic Liquids	0.70	2018-19	3 months
Dr. Rajeev Tiwari Dr. Hitesh Kumar Sharma	Smart Parking System - Cloud and IoT based Approach	0.91	2018-19	12 months

Dr. Alok Aggarwal Dr. Adarsh Kumar	Impact of Tornado vortex induced aerodynamic loads on structural projections in low rise buildings using sensor based IOT devices	2.50	2018-19	11 months
Dr. Nilima Salankar Dr. Tanmay Bhowmik Dr. Kiran K Ravulakollu	Design & Development of EEG Corpus for Psychometric Analysis	2.75	2018-19	3 months
Dr. Adarsh Kumar Dr. Alok Aggarwal Dr. Neelu Ahuja	Developing an Open Source Lightweight Cyber Threat Sharing Platform	3.00	2018-19	15 months
Dr. Tanupriya Choudhury	A Framework to Guide Development Through ICTs in Rural Areas in Uttarakhand	1.70	2018-19	5 months
Ms. Charu Shrivastava Ms. Parul Sinha	A Study on Potential Geographical Indications of Uttarakhand	1.50	2018-19	8 months
Dr. Juhi Garg Dr. Tabrez Ahmad	Occupational Interest Schedule for Law Students(OIS-LS)	1.00	2018-19	6 months
Dr. Vijay Kumar Singh Mr. Prakhar Ganguly	Integrating the framework of Sustainable Development Goals in Law School	1.50	2018-19	12 months
Mr. Amit Singh	Trade, Energy and climate change :- “Integrated Legal and Policy issue for India”	1.00	2018-19	12 months
Mr. Prashant Shukla Dr. Shyam Pandey Dr. V. Chintala Dr. Pankaj Sharma	Segregation of Mixed Municipal Solid Waste Through Wet Density Media Separation Process	1.70	2018-19	12 months
Mr. Durga Prasad Panday Mr. Rahul Silori Mr. Susanta Kr. Sethy	Scour Protection around Bridge Pier in rivers of Uttarakhand	3.25	2018-19	36 months
Mr. M. Vijai Kishore Mr. Mukesh Dubey Dr. N A Siddiqui	To propose a new methodology in road layers by enhancing the strength of subgrade.	0.75	2018-19	12 months
Ms Tabassum Abbasi Abhishek Nandan	Development of environmental indices to catalyze public participation in controlling pollution	2.50	2018-19	12 months
Ms. Jhalak Dr. Ragnish Garg	Synthesis and characterization of wear-resistant Ni-based composite and nanocomposite coatings through electrodeposition.	1.80	2018-19	22 months
Dr. Shailesh Kumar Dr. Upendra Singh yadav Dr. S K Khare	Application of Nano Composites to Enhance the Flow Properties of Indian Heavy/Waxy Crude Oils for Pipeline Transportation	1.80	2018-19	12 months
Dr.Nilanjana Banerjee Dr. P.Vijay	Design and optimization of a continuous three –phase slurry reactor for biomass solar pyrolysis	1.50	2018-19	36 months
Dr. Nirlipta P.Nayak Dr. Santanu Bhowmik	Sustainable utilization of iron ore slime-A potential threat to ecosystem	3.00	2018-19	12 months
Akash Gupta Dr. Mukul Gupta Dr. Amit Mondal	Development of Wearable Robotic Exoskeleton for Human upper- limb rehabilitation with redundant forearm pronation and supination using micro-ratchet mechanism for shoulder link adjustment.	2.00	2018-19	18 months
Harshit Shukla Dr. Velidi Gurunadh Mr. Vipin Kumar	Development of sub scale rocket motor test bed for green propellant testing	3.50	2018-19	12 months
Dr. Vamshikrishna Domala Dr. D P Panday	Hydrodynamic and vortex induced motion(VIM) analysis of a moored semi-submersible for wind turbine applications	3.80	2018-19	12 months
Dr. Lalit Kane Dr. Piyush Chauhan Dr. Aradhana K Singh	Mid-air writing input for Interactive Response	0.60	2018-19	12 months
Shahina Anwarul Susheela Dhaiya	Criminal identification and crime prediction system using face recognition	0.50	2018-19	18 months
Dr. Shamik Tiwari Mr. Varun Sapra Dr. Anurag Jain	Smart ECG monitoring system to diagnose cardiovascular disease	0.85	2018-19	12 months
Mr. Bikram Pratim Bhuyan Dr. Seim Timung	River water pollution detection using microfluidic based paper analytical device using geospatial and temporal analysis	1.00	2018-19	12 months
Mr. Bhupendra Singh Dr. Monit Kapoor	Assistive cane for visually impaired persons	0.50	2018-19	12 months
Deepshika Bhargava	Design and Implementation of Security Accessory against Child Harassment	0.20	2018-19	12 months
Dr. Rashmi Sharma Mr. Gunjan Chhabra Mr. Vidyanand Mishra	Smart Indoor Pollution Checker	0.30	2018-19	12 months
Mr. Ankit Vishnoi Ms. Tripti Mishra	Mobi – Garage	0.40	2018-19	6 to 9 months
Mr. Amitava Choudhury Dr. Kiran K Ravulakollu	Machine learning approach to classification of phases and crystal structure from steel dataset	1.00	2018-19	12 months
Mr. P. Swami Sairam Dr. Jitendra K Pandey	Micro Nano bubble based fish culture	9.00	2018-19	24 months
Dr. V Chintala	Enriched biogas demonstration plant	16.70	2018-19	12 months
Dr. Rajesh Tripathy Swati Gupta	Developing Social Innovation framework for rural Uttarakhand: An empirical study	1.00	2018-19	12 months
Dr. Narendra Nath Dalei	Adopting clean and renewable energy to mitigate climate change in India	1.50	2018-19	12 months
Dr. Pushpa Sharma Dr. Vamsi Krishna Kudapa	Simulation and modelling of unconventional reservoir (coal and shale) parameters required CO2 injection to enhance gas recovery	3.00	2018-19	12 months

Mr. Valluri Venkata Krishnakanth	Design and testing of grounding system using brine solution for storage tanks	1.20	2018-19	12 months
Dr. Kanchan Deoli Bahukhandi Dr. Nihal Anwar Siddiqui Dr. Shefali Arora	Effective augmentation of extraction of essential oils	0.50	2018-19	12 months
Dr Annapurna Boruah Mr. Gaurav Siddharth	Integrated surface geochemical studies for identification of hydrocarbon prospect in gohpu and nearby area, sonitput district, Assam	1.50	2017-18	18 months
Dr. P Vijay Mr. Debajyoti Bose Dr. M Gopinath	Development of novel indigenous cathode for bioelectricity production using two chambered microbial fuel cell (MFC) reactor	2.50	2017-18	12 months
Dr. Kanak Pal Singh Parmar Dr. Piyush Kuchhal	Effect of particle morphology on efficiency of dye sensitized solar cell (DSSC)	2.40	2017-18	08 months
Amit Kumar Thakur Rahul Kumar Pranava Chaudhari	Solubility enhancement of drugs by recrystalliation using liquid antisolvent	3.00	2017-18	15 months
Dr. V. Chintala Dr. Ashish Karn	Conversion of waste sewage sludge to wealth via hydrolysis/methanogenesis and pyrolysis	3.62	2017-18	18 months
V Senthilkumar Dr. Venkat Chintala Dr. Pankaj Kumar Sharma	Experimental and CFD analysis of combustion and emission characteristics of producer gas engine	1.70	2017-18	12 months
Dr. Ashish Karn Dr. Abhay Kumar	Novel strategies to induce bubble coalescence for industrial and naval applications	2.40	2017-18	18 months
Dr. Shyam Pandey Dr. P S Ranjit Dr. V. Chintala Mr. Swapnil Bhurat	Development of pre-mixed charge compression ignition engine (PCCI) operating on variable compression ratio with vaporized diesel	2.10	2017-18	14 months
Ms. Lunu Saikia	Develop mould filling process for FRP with the help of VARTM/RTM technique and the vibration analysis of the composite structure	2.50	2017-18	16 months
Dr. Velidi V S S Gurunadh Dr. Rajesh Yadav	Experimental and numerical study on combustion characteristics of micro combustor with a bluff body flame stabilization	0.20	2017-18	36 months
Dr. Rajesh Yadav Ms. Aslesha Bodavula	Effect of surface protrusions and cavities on airfoil aerodynamic efficiency at low Reynolds number	2.00	2017-18	12 months
Dr. Vindhya Devalla Dr. Om Prakash Dr. Amit Kumar Mondal	Mobile adaptable platform for unmanned aerial vehicles	1.50	2017-18	12 months
Dr. Vindhya Devalla Dr. Om Prakash Dr. Amit Kumar Mondal	Egomotion estimation of 6 DOF multirotor in GPS denied environment	1.60	2017-18	12 months
Dr. R. Gowri Dr. Abhinav Sharma Dr. Md. Salauddin	Design and implementation of smart antenna system using FPGA	2.00	2017-18	12 months
Dr. Mukul Kumar Gupta Dr. Piyush Chauhan Ms. Varnita Verma	Design and analysis of robotic system for minimal invasive surgery	2.00	2017-18	12 months
Dr. Vivek Kaundal Dr. Amit Kumar Mondal Dr. Adesh Kumar Dr. Rupendra Kr. Pachaur Mr. Mukesh Chandra Kestwal	Design and development of device for the measurement of rain attenuation	1.70	2017-18	18 months
Mr. Sri Ragunath V Dr. Ashish Karn	In-situ monitoring of industrial bubbly flows and bubble size control by continuous feedback system	3.15	2017-18	18 months
Dr. Jagdish Chandra Patni Dr. Amit Agarwal Mr. Ravi Tomar	Mobile app based intelligent irrigation system using smart sprinklers	2.30	2017-18	12 months
Dr. Abhijit Kumar	Design of triclustering techniques for information extraction from microarray and HIV datasets	1.50	2017-18	18 months
Dr. Hitesh Kumar Mr. Anil Kumar	Digital cancer diagnosis with counts of adenoma and luminal cells in pleomorphic adenoma immunostained in healthcare system	0.50	2017-18	06 months
Dr. Piyush Chauhan Mr. Anil Kumar Ms. Poonam Kainthura	Decentralized voting system	0.60	2017-18	12 months
Dr. Anirban Chowdhury Ms. Richa Choudhary	Design and development of a system for ease of activities and services of a business incubator: a business design perspective	2.00	2017-18	12 months
Dr. Devkant Kala Dr. Sunil Barthwal	Assessing the impact of food experience and restaurant services on tourist satisfaction in Rishikesh-Badrinath Yatra Highway	0.78	2017-18	06 months
Dr. Alka Dwivedi Dr. Neelu Ahuja Dr. Ratna Banarjee	A study of determinants and impact of digital divide among students in Dehradun	0.80	2017-18	12 months
Dr. Sushil Kumar Rai Dr. Bhartendu Chaturvedi	Socio-economic impacts of tourism sector in Uttarakhand: A study based on Dehradun and Nainital district	1.70	2017-18	12 months
Dr. Sheetal Khanka Dr. Teena Saharan	Future of workforce and HR automation in infrastructure and energy sector organization of India	1.43	2017-18	08 months
Dr. Priyanka Sharma Khanduja Ms. Dharmita Prasad Ms. Manisha Solanki	Development of blended module for critical thinking skills for law graduate programs	1.50	2017-18	18 months
Dr. K. Raghavan	Plug flow digesters for biogas from food wastes	4.93	2017-18	12 months

Mr. Uppara Rajanikanth	Real time monitoring and alerting of waterbodies: land dynamics and water quality	3.30	2017-18	18 months
Dr. Krunal Gangawane Dr. Murali Pujari	Synthesis and characterization of ferrofluid nanocomposites	3.50	2016-17	12 months
Dr. Tapas Goswami Dr. K M Reddy Dr. Abhishek K Mishra	Controlled synthesis and investigation of structure property correlation: Towards the development of exceptional nonlinear optical nano material	3.72	2016-17	12 months
Dr. Mukul Kumar Gupta Ms. Meera C. S	Analysis design and developmnt of haptic interface for hydraulic manipulator	0.85	2016-17	12 months
Dr. Ravi Gunupuru Mr. P. Swami Sairam	Designing, synthesis and application of functionalized Au, Ag nanoparticle for colorimetric detection of hazardous analytes in aqueous medium	3.10	2016-17	18 months
Mr. Bhupendra Singh Mr. Amit Verma	Obstacle avoidance badge	0.50	2016-17	8 months
Dr. Amit Kumar Mondal Mr. Vivek Kaundal Dr. Rupendra Kumar Pachauri Dr. Sushabhan Choudhury	Performance enhancement of thermal effects on submerged and un-submerged SPV modules under climatic conditions	1.01	2016-17	15 months
Dr. Shanili Vohra Mr. Anurabh Banerjee	A feasibility study to analyze the possible impact of linking Adhaar (UID) with mid-day meal: a case based analysis of two rural primary school and two semi-urban primary school in Dehradun district	0.79	2016-17	12 months
Mr. Uppara Rajanikanth	Green and clean energy using solar power using super capacitors	3.40	2016-17	12 months
Dr. Sandhya Kumari	Rights of child and future of India: need for inventivising the right to education in India	3.30	2016-17	18 months
Dr. Rajeev Sharma, Dr. Ruchi Tyagi	Challenges and implications for micro small and medium enterprises (MSME's) in Uttarakhand	1.67	2016-17	12 months
Dr. Abhishek Kumar Mishra	Designing novel catalysts for CO2 capture and conversion	4.25	2016-17	20 months
Dr. Praveen Kumar Ghodke Dr. Girdhar Joshi	Upgradation of fast pyrolysis oil derived from agricultural reuse	5.00	2016-17	12 months
Ms. Anupama Mishra	Novel automative after treatment systems for diesel engines! enperiments and modelling	4.50	2016-17	12 months
Mr. Arunabh Banerjee, Ms. Noopur Jha	To find out the importance of communicative english as a filed of study under vocational training provided in the state of Uttarakhand	0.96	2016-17	18 months
Mr. Dharani Kumar	Preparation of thermoelectric hybrid cellusing PVA-CaO obtained from Eggshells	1.39	2016-17	12 months
Mr. Niteen Ramchandra Yeole	Synthesis, modification and testing of green and low cost zeolitic adsorbents for adsorption removal of organic sulfur compounds from liquid transportation fuels	3.00	2015-16	12 months
Ms. Geetanjali Raghav Dr. Suresh Kumar	Energy analysis for box type solar cooker with different geometries	3.20	2015-16	12 months
Dr. Ajay Kumar Dr. R.K. Tripathi Mr. Deepak Kumar	Intutive external attachment- ECS (Exhaust collection system) for collection of exhaust gases from engines and its nano-filtration for sustainability of CI engines	3.20	2015-16	12 months
Dr. N. A. Siddiqui, Dr. S. M. Tauseef	A study of ground water enhancement through recharge using rainwater in urban areas	0.80	2015-16	12 months
Dr Jitendra Pandey Mr Venkateswaran PS	Direct prototyping of rapid and automated microfluidic systems using a commercial 3D printer for a variety of applications	5.60	2014-15	12 months
Dr K Mohan Reddy	Synthesis, characterization and catalytic activity of TiO2 nanoparticles for photochemical oxidation of organic pollutants	4.80	2014-15	12 months