

S.No	School	Title	Project Date	PI	Co-PI
1	School of Design	SOFT GOLD : AN INVESTIGATION INTO THE CHANGPA NOMADS AND THE PASHMINA	26-06-2025	Pritharshv Pushkar	Samrat Dev
2	School of Design	LAR AND BHIMAL FIBER CRAFT PRODUCT RANGE FOR URBAN CONSUMERS	26-06-2025	Sakuntala Marni	Pariniti Singh
3	School of Design	To develop machine for cutting Styrofoam sheet/block to Produce good quality prototype for academic projects.	26-06-2025	Siddharth Kumar	Vikas Thapa
4	School of Design	Upcycling of Waste Generated in Furniture Industry (Mend & Merge)	26-06-2025	Pariniti Singh	Sakuntala Marni
5	School of Design	Story of Ashwathama - A multi-sensorial experience of Uttarakhand's histo-cultural heritage of Tapkeshwar Mahadev Temple considering Immersive Media as a medium.	26-06-2025	Parth Raval	Bhaskar Ramachandra Bhatt
6	School of Law	Privatization of the Uttarakhand Indian Prison System – Feasibility, Challenges, and Solutions	26-06-2025	Tauheed Alam	Sakshee Sharma
7	School of Law	Examining the Safety Compliance standards for women health professionals in Dehradun: A socio-legal Study	26-06-2025	Hina Kausar	Vaishali
8	School of Computer Science	Leverage Threat Hunting for advanced IT infra ecosystems	26-06-2025	Akashdeep Bhardwaj	
9	School of Computer Science	Development of Soft Hand Exoskeleton Equipped with Vision-based Control	26-06-2025	Gaurav Bhardwaj	Muthukumar Ka
10	School of Computer Science	Enhancing Few-Shot Stochastic Optimization using Multi Kernel Learning for Real-World Image Classification Through Unsupervised Image Super-Resolution	26-06-2025	Divya Mishra	Nitesh Kumar Singh; Vishal Sharma

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11	School of Computer Science	Next Gen Vehicle Connect (NGVC) – A Revolutionary B5G/6G Testbed for Context Aware V2X Communications using Edge AI for safety applications in rural and metropolitan regions.	26-06-2025	Dhinesh Kumar Ravi	Mausam Chouksey
12	School of Advanced Engineering	Spin-orbit torque (SOT) induced magnetization dynamics in perpendicular magnetic anisotropy (PMA) materials for non-volatile memory and logic applications.	26-06-2025	Sachin Pathak	Ranjeet Kumar Brajpuriya
13	School of Advanced Engineering	Development of Solid-State Batteries	26-06-2025	Arpit Thomas	Anil Kumar Sinha
14	School of Advanced Engineering	Development of Palladium decorated Mxene based sensor for the detection of hydrogen gas	26-06-2025	Shikha wadhwa	Souradeep Roy
15	School of Advanced Engineering	Shape-Adaptive 4D Printing Using Hybrid Infill with Complex Geometries	26-06-2025	Ankit Nayak	Naveen Kumar
16	School of Advanced Engineering	: Smart and Eco-Friendly Bio-Based Lubricants: Driving Uttarakhand's Sustainability, Economy, and Environmental Preservation.	26-06-2025	Gagan Anand	Manjeet Goyat
17	School of Advanced Engineering	Tidal Disruption Events: A comparative study between jetted and non-jetted	26-06-2025	Arka Chatterjee	Balendra Pratap Singh
18	School of Advanced Engineering	Multi-Objective Optimization of Thermal Management in Batteries with Passive Air-Cooling Systems	26-06-2025	Sachin Sharma	Rajesh Maithani
19	School of Advanced Engineering	Assessment of carcinogenic inorganics (Hg, As Cr) and micro / nanoplastics in Hindon River and evaluation of iron incorporated Fuller's earth for their removal	26-06-2025	Kanchan Bahukhandi	Govindasamy Gopalakrishnan;Rajat Nag

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20	School of Advanced Engineering	Exploring the Thermophilic Algae of the Himalayan Region for Applications in Environmental Sustainability.	26-06-2025	Suwendu Manna	Sanjay Bhutani
21	School of Advanced Engineering	Polymer-2D Material Hybrid Functional Organic Field Effect Transistors (OFETs) Devices for Next-Generation NH ₃ Gas Sensors	26-06-2025	Prashant Kumar	Piyush Kuchhal
22	School of Advanced Engineering	Investigation on Dissimilar Metal Weld Joints Fabricated with GTAW Process for Electric Vehicle Applications	26-06-2025	Naveen Kumar	Roushan Kumar; Ankit Nayak
23	School of Health Sciences & Technology	Protein editing: Molecular logic and Reprogramming	26-06-2025	Santosh Kumar Chaudhary	Utsab Debnath
24	School of Health Sciences & Technology	Unraveling early biomarkers via metabolomics-based investigation in experimental models of Epilepsy	26-06-2025	Arti Singh	Snigdha Misra
25	School of Health Sciences & Technology	Development of Instant Powder from Myrica esculenta (Kaphal) and Enriched Products: Nutritional Assessment and Consumer Acceptance	26-06-2025	Imana Pal	Ramesh Kumar Saini
26	School of Health Sciences & Technology	Pharmacognostical Standardization and evaluation anticancer activity of Ipomea hederifolia against oral cancer (CAL-27) and colon cancer cell (HCT-15) - an in vitro assessment	26-06-2025	Sandhya S	Mitali Madhumita
27	School of Health Sciences & Technology	Exploring Synergistic Effect of Berberine HCl and Silibinin in Inflammatory Diseases	26-06-2025	Richa Bahuguna	Rajendra Awasthi
28	School of Advanced Engineering	Development of Warehouse Automation with Autonomous Mobile Robots	26-06-2025	Rahul Singhal	Harshit Mohan

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29	School of Advanced Engineering	Magnetron-Sputtered TiVAIC MAX Phase and Derived MXene Thin Films for Gas Sensing Applications	26-06-2025	Amit Kumar Chawla	Ratnesh Kumar Pandey
30	School of Health Sciences & Technology	Evaluating Cordyceps militaris as a sustainable substitute for Ophiocordyceps sinensis: A physiological and molecular study in Caenorhabditis elegans	26-06-2025	Kamesh	Rohini Verma
31	School of Design	Animated Music Videos for promoting Cultural Identity	25-06-2025	Avni Joshi	Shreejit Guha
32	School of Business	Assessing the Environmental concerns of Onshore Wind farms in India	25-06-2025	Damini Rana	Shambhu Sajith
33	School of Computer Science	Performance Evaluation of Environmental Impact on Digital Communication Techniques in Underwater Acoustic Sensor Networks for Coastal Surveillance and Early Warning System	25-06-2025	Anand Kumar	
34	School of Computer Science	Integrative Artificial Intelligence Frameworks for Redefining Food Systems: Advancing Personalized Nutrition, Safety, and Global Sustainability	25-06-2025	Subhranil Das	Rashmi Kumari (Bennett University, Greater Noida,UP)
35	School of Advanced Engineering	Efficient Photocatalyst Screening with Optical Readout supported by AI- Driven Techniques	25-06-2025	Bhavana Gupta	Sanjeev Kumar
36	School of Advanced Engineering	Physics analysis and software algorithm development for the CMS Experiment at LHC, CERN Switzerland.	25-06-2025	Sandeep Bhowmik	Suvankar Roy Chowdhury
37	School of Advanced Engineering	Precision Electroweak measurements with the Compact Muon Solenoid (CMS) experiment at LHC	25-06-2025	Suvankar Roy Chowdhury	Sandeep Bhowmik

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38	School of Advanced Engineering	Dual Land use Strategy for Empowering Small Farmers via Agri-Photovoltaic Integration, Sustainable Agriculture, and On-Site Solar-Powered Food Processing/ crop Dehydration unit	25-06-2025	Rupendra Kumar Pachauri	
39	School of Health Sciences & Technology	Development of Oxindole Based MELK Inhibitors for the Treatment of Triple Negative Breast Cancer	25-06-2025	Kapil Kumar	Rakesh Kumar Mishra
40	School of Health Sciences & Technology	Bioprospecting of Himalayan Wild Edible Fruits for Developing Bioactive-Rich Functional Foods	25-06-2025	Ramesh Kumar Saini	Ranjit Gajanan Gurav
41	School of Health Sciences & Technology	Utilizing silkworms as biorobots to engineer physicochemical properties of silk for application in wearable bioelectrodes	25-06-2025	Himanshi Jangir	Jitendra Kumar Pandey
42	School of Health Sciences & Technology	Personalized Exercise Regimes through Wearable Technology and Artificial Intelligence: Optimizing Fitness and Productivity for University Population	25-06-2025	Ravi Rawat	Himanshi Jangir
43	School of Health Sciences & Technology	A Cross-sectional Study to Assess the Anemia and Wellbeing Status among University Students in Uttarakhand	25-06-2025	Shikha Saxena	Himanshu Tolani;Padmavathy Venkat Subramanian
44	School of Advanced Engineering	Advanced Bio-Electro-Fenton System for Simultaneous Treatment of Municipal Sewage Sludge and Bisphenol A	25-06-2025	Ranjit Gajanan Gurav	Ramesh Kumar Saini
45	School of Advanced Engineering	Development of a Flexible Wearable Patch for Quantitative LH Monitoring with Pd-Ti ₃ C ₂ MXene on Carbon Screen-Printed Paper Electrodes	25-06-2025	Ashish Mathur	Shilpi Agarwal

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46	School of Health Sciences & Technology	A data-driven study for exploring the regions of Uttarakhand to generate bioenergy	25-06-2025	Utkarsh Jain	Gunjan Vasant Bonde
47	School of Advanced Engineering	Study of Rare B-meson Decays with Belle (II) experiments at KEK (High Energy Accelerator Research Organization), Japan. Each Ph.D. holding member of the Belle (II) collaboration has to pay a contribution to the operating fund of the Belle experiment (M&O).	25-06-2025	Vipin Gaur	JASBIR SINGH
48	School of Health Sciences & Technology	Role of autophagy in regulating exosomal miRNA in triple-negative breast cancer	25-06-2025	Dhruv Kumar	Ashish Mathur
49	School of Design	The process of converting waste papers & plastic into woven fabric and transform them into a daily used product (Recycling)	25-06-2025	Prasun Chakraborty	
50	School of Advanced Engineering	Detecting and tracking honeybees in natural habitats to study their foraging patterns	25-06-2025	Mahadeeswara Yadav	Kushal Singh
51	School of Health Sciences & Technology	Identification of Andrographolide Based Acetylcholinesterase Inhibitors by Ligand and Structure Based Drug Design Approach	25-06-2025	Anand Gaurav	Shraddha Manish Gupta
52	School of Advanced Engineering	Development of natural bioprocess to produce extra-terrestrial construction material utilizing indigenous planetary resources	25-06-2025	Saumyaranjan Sahoo	Saswati Datta

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53	School of Design	Design and development of Craft products of Uttarakhand (Natural Grass and Fibres) for creating a sustainable business to empower craftsmen livelihood	25-06-2025	Nikhil Tikhe	Rakesh Sah
54	School of Health Sciences & Technology	Exosome Biomarkers for Early Breast Cancer Detection through Biosensor Assays	25-06-2025	Dhruv Kumar	Ashish Mathur
55	School of Liberal Studies & Humanities	MoodAI-MANAS – Scalable Digital Mental Health Intervention for Emerging Adults in Low- and Middle-Income Countries (LMIC)	25-06-2025	Yamini Negi	J. Anitha Menon; Umer Jon Ganai; Mohit Gothwal
56	School of Advanced Engineering	To investigate the effect of blowing Conch Shell (Shankh) on human health and well-being: Addressing SDG-3	25-06-2025	Dharmendra Kumar Gupta	Shubham Dwivedi
57	School of Advanced Engineering	Air Conditioning Unit for Raman Lab,R&D	12-08-2024	Ranjeet Kumar Brajpuriya	
58	School of Liberal Studies & Humanities	Ecofeminism and Ecological Futures: Exploring the politics, economics and aesthetics of climate change and ecofeminist resistance in Uttarakhand	08-04-2024	Debadrita Chakraborty	Aswani R.S.
59	School of Liberal Studies & Humanities	Digital Mental Health Intervention for Students: A Feasibility Randomised Control Trial on Acceptance and Commitment Therapy in India	08-04-2024	Sudha Shashwati Sahoo	Ritesh Kumar, Amity Institute of Psychology and Allied Sciences, Amity University; Carrie Clark, University of Nebraska-Lincoln; Kaeyoor Joshii, University of Nebraska-Lincoln

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60	School of Advanced Engineering	Gender differences in attitudes, preferences, and safety perceptions of commuters associated with public transport use in the Himalayan region	08-04-2024	Ankit Kumar Yadav	Debadrita Chakraborty
61	School of Advanced Engineering	Development of molecular receptors for anion sensing applications in solution and solid states	08-04-2024	Sushil Kumar	Ritesh Dubey
62	School of Advanced Engineering	Extraction of microcrystalline cellulose from discarded fabrics	08-04-2024	Shailey Singhal	Ajay Mittal
63	School of Advanced Engineering	Investigation of thermomechanical and self-healing behavior of natural filler reinforced biocomposite for non-structural application	08-04-2024	Manash Protim Mudoi	Ashish Misra
64	School of Advanced Engineering	Advancing waste to energy: Development of a two-stage gasification reactor for converting municipal solid waste to biofuel	08-04-2024	Siddharth Jain	Varun Pratap Singh; Amit Sharma
65	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	08-04-2024	Roushan Kumar	Roushan Kumar
66	School of Advanced Engineering	On-chip multiplexed detection and clinical validation for rapid diagnostic of prostate cancer biomarker	08-04-2024	Ashish Mathur	Shilpi Agarwal; Krishna Kant
67	School of Advanced Engineering	Development of natural bioprocess to produce extra-terrestrial construction material utilizing indigenous planetary resources	08-04-2024	Saumyaranjan Sahoo	Saswati Datta
68	School of Advanced Engineering	Development of Speed Control Strategies for Industrial & EV Motor Drives	08-04-2024	Harshit Mohan	Piyush Kuchhal

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69	School of Advanced Engineering	Assessment of the interaction between geopolymer concrete and clay in radioactive waste disposal zone	08-04-2024	Saswati Datta	Saumyaranjan Sahoo
70	School of Advanced Engineering	Detecting and tracking honeybees in natural habitats to study their foraging patterns	08-04-2024	Mahadeeswara Yadav	Kushal Singh
71	School of Advanced Engineering	Conversion of Organic Waste (kitchen waste, sewage sludge, fruit waste, dairy waste) and algae to Renewable Biohydrogen via Dark Fermentation	08-04-2024	Amit Kumar Sharma	Nishu goyal and Sauvendu manna
72	School of Advanced Engineering	Development of Mxene based photocatalyst for the degradation of antibiotics from water.	08-04-2024	Shikha Wadhwa	-
73	School of Advanced Engineering	Study of Uttarakhand Forest Fire Burning and their Impact on Environment	08-04-2024	Mahesh Kumar Tiwari	Prashant Shukla
74	School of Advanced Engineering	Development of novel energy storage material for high temperature solar thermal applications	08-04-2024	Ram Kunwer	Anil Kumar; Subhankar Das
75	School of Advanced Engineering	Environmental Analysis of Hg Polluted sites by Artisanal Gold Mining in Himachal Pradesh	08-04-2024	Hadas Mamane Steindel	Durga Prasad Panday
76	School of Advanced Engineering	'Study of Rare B-meson Decays with Belle (II)' experiments at KEK (High Energy Accelerator Research Organization), Japan	08-04-2024	VIPIN GAUR	NA
77	School of Advanced Engineering	The investigation of energy harvesting capability of flexible foils under flow-induced, self-sustained flapping.	08-04-2024	Dhiraj Kumar	Kumar Gaurav; Saurabh Kumar Bharti
78	School of Business	The Aadhaar-enabled Payment System (AePS): Potential Constraints and Challenges in Uttarakhand	08-04-2024	Soumyajit Chakraborty	Jaspreet Kaur

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79	School of Computer Science	Understanding Somatic Response Positions of Emotions in Autistic People using Machine Learning	08-04-2024	Nayantara Kotoky	Saroj Snehal Shivagunde
80	School of Computer Science	CROSS PLATFORM ANALYSIS OF NEAR-TERM QUANTUM COMPUTERS USING MATERIAL SIMULATION TOOLS.	08-04-2024	Shreya Banerjee	Sonal Talreja
81	School of Design	The process of converting waste papers & plastic into woven fabric and transform them into a daily used product (Recycling)	08-04-2024	Prasun Chakraborty	
82	School of Design	Designing the mobility Assistance to pilgrim for Uttarakhand region.	08-04-2024	Lavendra Shukla	Avimesh Sharma
83	School of Design	Design and development of Craft products of Uttarakhand (Natural Grass and Fibres) for creating a sustainable business to empower craftsmen livelihood	08-04-2024	Nikhil Tikhe	Rakesh Sah
84	School of Health Sciences & Technology	Bioavailability of rare-earth metals to lanthanides utilizing microbes and their biomineralization potentials.	08-04-2024	Subhajit Basu	Suwendu Manna
85	School of Health Sciences & Technology	Development of a non-invasive miRNA-based qPCR panel for the early detection of lung cancer	08-04-2024	Kamesh	Dhruv Kumar
86	School of Health Sciences & Technology	Development and validation of polycystic ovarian syndrome (PCOS) induced autism-like behavior in zebrafish: Genetic and phenotypic correlation	08-04-2024	Shubham Dwivedi	Snigdha Misra
87	School of Health Sciences & Technology	Developing a Drosophila melanogaster based system for xenobiotic testing and disease modelling	08-04-2024	Snigdha Mishra	Shubham Dwivedi

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88	School of Health Sciences & Technology	Surveillance of Antimicrobial Resistance (AMR) in Doon Valley: A One-Health Approach	08-04-2024	Ramendra Pati Pandey	Subhajit Basu; Jyoti Upadhyay; Piyush Kumar; Divya Tripathi
89	School of Health Sciences & Technology	Identification of Andrographolide Based Acetylcholinesterase Inhibitors by Ligand and Structure Based Drug Design Approach	08-04-2024	Anand Gaurav	Shraddha Manish Gupta
90	School of Health Sciences & Technology	Development of a polymer integrated sensor for rapid detection of Astaxanthin.	08-04-2024	Utkarsh Jain	Mitali Madhumita
91	School of Health Sciences & Technology	A point of care device fabricated on microfluidic platform for neonatal sepsis infections	08-04-2024	Nidhi Chauhan	Nishu Goyal
92	School of Health Sciences & Technology	Exosome Biomarkers for Early Breast Cancer Detection through Biosensor Assays	08-04-2024	Dhruv Kumar	Ashish Mathur
93	School of Law	Adaptive Strategies of women artisans in carpet industry post Pandemic	08-04-2024	Himani Kaushik	Himani
94	School of Law	Legal Empowerment at the Finish Line: A Comprehensive Analysis of Legal Education for Sports Persons in India	08-04-2024	Aarushi Batra	Ms Pooja Gautam
95	School of Advanced Engineering	Experimental Investigations on Rubber and Polyurethane-based Tougheners Used for Fracture Toughness Improvement of Epoxy Resins.	08-04-2024	Jitendra Yadav	Piyush Gaur
96	School of Advanced Engineering	To investigate the effect of blowing Conch Shell (Shankh) on human health and well-being: Addressing SDG-3	08-04-2024	Dharmendra Kumar Gupta	Shubham Dwivedi
97	School of Computer Science	Drone Technology for Monitoring Medicinal Plant Populations in Uttarakhand	08-04-2024	Kingshuk Srivastava	

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98	School of Advanced Engineering	Pressure-Induced Intriguing Relationship Between Structural and Electronic Properties in Strongly Correlated Electron Systems	08-04-2024	Samar Layak	
99	School of Advanced Engineering	Recycling of waste biomaterials for developing flexible electronics: sensors and/or energy harvesters	08-04-2024	Tridib Sinha	
100	School of Advanced Engineering	Investigating the Black Carbon Trajectories and Radiative Effects Across Varied Glacial Landscapes in Uttarakhand Himalayas	08-04-2024	Amit Awasthi	
101	School of Advanced Engineering	Sustainable waste solutions for Himalaya: A comprehensive plastic and biodegradable waste management approach.	08-04-2024	Prashant Shukla	
102	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	08-04-2024	Khushboo Bharti	
103	School of Advanced Engineering	Qualitative Assessment of Geo-sites and Geo-heritage potential of Himalayan Region: A Geo-tourism Promotion and its Conservation.	08-04-2024	Uday Bhan	
104	School of Advanced Engineering	Exploration of the Himalayan hot-springs for the isolation of industrially important thermo-enzyme producing microbes	08-04-2024	Suwendu Manna	
105	School of Design	Early detection of flash flood and landslide using IoT for Himalayan region	08-04-2024	Vikas Thapa	

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106	School of Advanced Engineering	Integration of Solar Tracking Technology with Water Treatment Systems for Rural Communities in Hilly Terrain: A Design and Optimization Approach	08-04-2024	S.Mondal	
107	School of Health Sciences & Technology	High Throughput screening of anti-microbial resistance from environmental samples of Doon-Valley for geo-spatial mapping	08-04-2024	Piyush Kalra	Subhajt Basu; Ramendra Pati Pandey ; Girish Chandra Kothyari
108	School of Health Sciences & Technology	Low-cost biochar production from agricultural waste for bioremediation of hydrocarbon pollutants	08-04-2024	Sunita Varjani	
109	School of Advanced Engineering	Investigating the role of nanoparticles in the Binary surfactant for the residual oil mobilization	08-04-2024	Himanshu Kesarwani	Sunita Varjani
110	School of Advanced Engineering	Optimization of pH and partial pressure of aqueous solution of CO2 for CO2 sequestration in basalt	08-04-2024	Sanjeev Kumar	Nirlipta Priyadarshini Na
111	School of Advanced Engineering	BET(Brunauer-Emmett-Teller Nitrogen adsorption analyzer)	18-03-2024	Shikha Wadhwa	
112	School of Health Sciences & Technology	Viability of Sleep and Light Interventions to Treat Depression in India	18-03-2024	Yamini Negi, Anitha Menon; Barbara Parry; David Sommerfeld; Melissa Reneaux	
113	School of Advanced Engineering	Upgradation of the Thermal Evaporation system for thin film	18-03-2024	Amit Kumar Chawla, Anil Sinha	
114	School of Advanced Engineering	Upgradation of the Magnetron Sputtering System for Precisely Controlled Thin Films	18-03-2024	Amit Chawla, Ajay Gupta	
115	School of Advanced Engineering	Development of Spray Pyrolyzer set up for thin film synthesis	18-03-2024	Amit Kumar Chawla, Sanjeev Dubey	

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116	School of Advanced Engineering	Development of Distillation Apparatus for upgradation of the pyrolysis oil/biodiesel in CAER Lab	18-03-2024	Amit Sharma, Bhawna Lamba Yadav	
117	School of Advanced Engineering	Upgradation of existing paper recycling laboratory	18-03-2024	Bhawna Lamba, Sapna Jain	
118	School of Advanced Engineering	Upgradation of Plasma system	18-03-2024	Ratnesh Pandey, D. K. Avasthi	
119	School of Advanced Engineering	Vaccum Furnace	18-03-2024	Ratnesh Pandey	
120	School of Advanced Engineering	Vacuum Oven	18-03-2024	Anil Sinha	
121	School of Advanced Engineering	Vacuum Hardware	18-03-2024	Anil Sinha	
122	School of Advanced Engineering	MOKE instrument for the study of magnetization dynamics in nanostructures	18-03-2024	Sachin Pathak & Ajay Gupta	
123		Electro-Chemical Workstation	24-08-2023	Ashish Mathur	Anil Sinha
124		Thickness Monitor and Controller for Sputtering System	24-08-2023	Amit K Chawla	Anil Sinha
125		Developing a Gas Sensing setup facility at UPES	24-08-2023	Ratnesh Pandey	Amit K Chawla
126		Grinder Mixer, Soldering Station – 2 Nos, and Tool Box	24-08-2023	Ashish Mathur	Souradeep Roy and Prakash Vasanth Bobde
127		Vacuum Oven, Vacuum Evaporator and Vacuum Hardware	24-08-2023	Ratnesh Pandey	D. K. Avasthi and Anil Sinha, Amit Chawla
128	School of Advanced Engineering	Diamond Anvils for testing Pressure-Induced Intriguing Relationship Between Structural and Electronic Properties in Strongly Correlated Electron Systems	24-08-2023	Samar Layek	Tapas Goswami

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129		Upgradation of Sputtering Source and Power Supply	24-08-2023	Amit K Chawla	Ajay Gupta
130		Radiation Meter for Monitoring of Radiation from Radioactive Sources	24-08-2023	Samar Layek	
131		Upgradation of Sputtering setup facility at UPES	24-08-2023	Amit K Chawla	Parswajit Kalita
132		Chiller for condensation of hydrocarbon vapours and Distillation Apparatus for Bio-diesel Laboratory	24-08-2023	Bhawna Lamba	Amit Sharma
133		Flat Corrosion Cell for EC-Workstation	24-08-2023	Subhankar Das	Anil Sinha
134		Indigenous Plasma System and MFC for the Indigenous Plasma System	24-08-2023	Ratnesh Pandey	D. K. Avasthi
135	School of Business	Building Energy Security in North Indian States using Modular Nuclear Reactors: Challenges and Enablers	20-07-2023	Shambhu Sajit	Aswani RS
136	School of Business	Animal in the City: Man-Animal conflict and the slow violence of becoming urban in the global south	20-07-2023	Debjani Mukherjee	
137	School of Advanced Engineering	Recycling of waste biomaterials for developing flexible electronics: sensors and/or energy harvesters	20-07-2023	Tridib Kumar Sinha	Pankaj Kumar Anil Sinha
138	School of Advanced Engineering	Pressure-Induced Intriguing Relationship Between Structural and Electronic Properties in Strongly Correlated Electron Systems	20-07-2023	Samar layek	Tapas Goswami
139	School of Advanced Engineering	Polymorphism in molecular crystals. Prefereantial crystallization of metastable polymorphs by using suitable chemical auxiliaries	20-07-2023	Ritesh Dubey	Samar Layek

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140	School of Advanced Engineering	Innovative Design and Development of CFRC Pressure Vessels for Aerospace and Automobile Applications: Numerical and Experimental Study	20-07-2023	Debabrata Gayen	Subhankar Das
141	School of Advanced Engineering	Water quality resilience through Biotic ligand modeling and toxicity predication for Lake Nainital, Uttarakhand	20-07-2023	Chandrashekhar Bhagat	Manish Kumar
142	School of Advanced Engineering	Study of rare B- meson decays with Belle (II) experiments at KEK(High Energy Accelerator Research Organisation) Japan	20-07-2023	Vipin Gaur	
143	School of Advanced Engineering	Application of modified biochar prepared from Himalayan region lignocellulosic biomass for the wastewater treatment	20-07-2023	Balendu Shekher Giri	Manish Kumar
144	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 Approaches at Lab Scale	20-07-2023	Rupendra Kumar Pachauri	Piyush Kuchhal
145	School of Advanced Engineering	Study of Coal fines migration induced permeability variation in Indian Coal	20-07-2023	Harinandan Kumar	
146	School of Advanced Engineering	Experimental investigation of asymmetric rotor shaft having parametric instability driven by non-ideal DC motor	20-07-2023	Saurabh Kumar Bharti	Dhiraj Kumar
147	School of Advanced Engineering	Smart Hybrid Solar Kitchen - A Sustainable Solution for home and community cooking	20-07-2023	Varun Pratap Singh	Siddharth Jain

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148	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.	20-07-2023	Piyush Gaur	
149	School of Advanced Engineering	Experimental Investigation on Low Velocity Impact Behaviour of MWCNT based Hybrid Composites	20-07-2023	Deepak Bhardwaj	Piyush Gaur
150	School of Advanced Engineering	The optimization of energy harvesting capability of flexible foils under flow-induced, self-sustained flapping: an experimental study.	20-07-2023	Dhiraj Kumar	Saurabh Kumar Bharti
151	School of Advanced Engineering	3D Printing of Soft Active Devices with Self-healing Function	20-07-2023	Sravendra Rana	
152	School of Advanced Engineering	Development of chemical additives for rheological improvement and flow improvement of waxy crude oils	20-07-2023	Rohit Sharma	Prathibha Pillai
153	School of Advanced Engineering	Development of green nanoparticle based nanoemulsion for application in enhanced oil recovery for mature oil reservoirs	20-07-2023	Prathibha Pillai	Rohit Sharma
154	School of Health Sciences & Technology	Development of gold nanoparticles based colorimetric sensor array for multiplex detection of xenobiotics	20-07-2023	Piyush Kumar	
155	School of Health Sciences & Technology	Exploring barriers and facilitators to health outcomes of neonates in the district of Pauri Garhwal, Uttarakhand	20-07-2023	Soumya Gupta	Divya Rawat Shikha Saxena

S.No	School	Title	Project Date	PI	Co-PI
156	School of Advanced Engineering	Development of lung-on-chip model and study of antibacterial activity of suitable bionanomaterials towards inhibiting lung cancer propagation.	20-07-2023	Ashish Mathur	Souradeep Roy
157	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	20-07-2023	Mekhla Harrison	
158	School of Design	Algorhythm: Encoding a tribal tattoo typeface through the use of AI to work not only as a communication tool but to reveal hidden socio-cultural images and symbols valuable to the tribe while using the font.	20-07-2023	Ishan Khosla	
159	School of Design	Internet memes: To study the effectiveness as a visual communication tool for product promotion.	20-07-2023	Prasun Chakraborty	
160	School of Design	Impact of Covid-19 awareness campaign by Govt. of India: Effects of different media in Uttarakhand.	20-07-2023	Bappa Das	
161	School of Design	Design of a Smart walking Cane for Elderly Users	20-07-2023	Manas Ranjan Mishra	Vikas Thapa
162		Setting up Belle II GRID Computing facility at UPES	17-05-2023	Vipin Gaur	J. B. Singh
163	School of Advanced Engineering	Wet Synthesis facilities for Battery and Supercapacitor Materials	12-05-2022	Anil Kumar Sinha	Prateek Bhojane
164	School of Advanced Engineering	Interlayer Engineering of Bridged Reduced Graphene Oxide Framework using Organic Linkers for High-Energy and High-Power Density Supercapacitors	12-05-2022	Prateek Bhojane	Satya Krishna Nippani

S.No	School	Title	Project Date	PI	Co-PI
165	School of Advanced Engineering	Production of hydrocarbon fuels from municipal and covid-19 plastic waste using ultra-violet assisted vacuum pyrolysis reactor	12-05-2022	Bhawna Yadav Lamba	Amit Kumar Sharma
166	School of Advanced Engineering	Natural fiber reinforced composite for packaging and structural applications	12-05-2022	Manash Protim Mudoj	G. L. Devnani
167	School of Health Sciences & Technology	Development of phytochemicals coated metal oxides nanoparticles using medicinal plant extracts for cancer treatment	12-05-2022	Dipak Maity	Smriti Arora
168	School of Advanced Engineering	Solubility & dissolution rate enhancement of herbal compounds	12-05-2022	Rahul Kumar	Amit K Thakur
169	School of Advanced Engineering	Measuring House-Hold Air Pollution for Rural Uttarakhand and intervention methodologies	12-05-2022	Nilanjana Banerjee	Pranava Chaudhari; Amit K. Thakur; Rahul Kumar
170	School of Advanced Engineering	A device for room heating	12-05-2022	Somenath Ganguly	Deepak Bharadwaj (Mechanical cluster, School of Engineering); Ashish Karn (Mechanical cluster, School of Engineering); Tamaghna Chakraborti (Energy cluster, School of Engineering)
171	School of Advanced Engineering	Investigation of polyurea coating on hardness and impact strength of ultra-high molecular weight polyethylene composite.	12-05-2022	Ashish Mishra	Kumar Gaurav
172	School of Advanced Engineering	Design and development of Indian style cooking applications using solar energy.	12-05-2022	Ajay Kumar	Rajesh Maithani, Dr, Anil Kumar, Sachin Sharma

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173	School of Advanced Engineering	Anthromorphic Robotic Hand with Finger Gripper having 15 DOF	12-05-2022	Deepak Bharadwaj	Deepak Kumar
174	School of Advanced Engineering	Decadal change in weathering and CO2 degassing associated with groundwater	12-05-2022	Kanchan Deoli Bahukhandi	Manish Kumar
175	School of Advanced Engineering	Seasonality and Delta and Omicron Variant monitoring of COVID-19 : A Comparative study of Delhi and Haridwar city of Uttarakhand	12-05-2022	Manish Kumar	Smirit Arora
176	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	12-05-2022	Rahul Silori	S.M. Tauseef
177	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	12-05-2022	Vibhu Jately	Vinay Chowday Abhinav Sharma
178	School for Life	Gendering Mining in Central and North East India	12-05-2022	Bitopi Dutta	
179	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. A Randomized Control Trial.	12-05-2022	Ms. Yamini Negi	Asha Kaushik
180	School for Life	The OTT Effect- How adapted content has spiraled Binge watching of literature and its impact on Gen Z	12-05-2022	Sakshi Chanana	Asha Kaushik

S.No	School	Title	Project Date	PI	Co-PI
181	School for Life	Collection, Translation, and Understanding of Socio-cultural Artefacts- Folk Songs, Stories etc of the Ecosystem surrounding UPES and foothills of Himalayas	12-05-2022	Manjari Chaturvedi	Pooja Gupta
182	School of Business	Effects of Government Segment-wise Health Coverage Schemes on individuals' risk behavior	12-05-2022	Ashu Tiwari	Promila Das
183	School of Business	Drivers of Wellness Tourism for sustainable livelihoods: A study from selected district of Uttarakhand	12-05-2022	Meenakshi Sharma	Ms. Sakshi Bathla Ms. Payal Dey
184	School of Business	Role of Gender Budgeting in Women Empowerment: An analysis of women centric programmes in Uttarakhand, India	12-05-2022	Subhra Rajat Balabantaray	Payal Dey, Upananda Pani
185	School of Business	Prefer Linear or Crooked: A Visual Representation Perspective	12-05-2022	Sakshi Aggarwal	Sanjeev Tripathi and Sudipta Mandal (IIM Indore)
186	School of Business	Energy Transition with Students as Stakeholders: Comparative Public Policies in Uttarakhand, India (and Massachusetts, USA)	12-05-2022	Ms. Payal Dey	Hiranmoy Roy
187	School of Computer Science	Investigating the elements of mental stress in the speech with multi sensor approach.	12-05-2022	Bhupendra Singh	
188	School of Design	Design a sustainable soil tilling device for mountain farming	12-05-2022	Samrat Dev;Ashish Thulkar(left Upes)	Rakesh Sah
189	School of Health Sciences & Technology	Structure-based drug design, synthesis and biological evaluations of non-covalent KRAS-G12C/D inhibitors as potential cancer therapeutics	12-05-2022	Kuldeep Kumar Roy	Utsab Debnath

S.No	School	Title	Project Date	PI	Co-PI
190	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.	12-05-2022	Smriti Arora	Neeraj Mahindroo, Dipak Maity (SOE), Manish Kumar (SOE)
191	School of Health Sciences & Technology	Identification of Drosophila based targets for the reproductive toxicity.	12-05-2022	Snigdha Misra	Sandip Nandi
192	School of Law	Research on "Feasibility of establishing an animal shelter home at UPES"	12-05-2022	Latika Choudhary	Udit Raj Sharma
193	School of Law	'Access to justice and usage of E-Courts in Uttarakhand' during the pandemic and its implications'	12-05-2022	Gunjan Saxena	Abhishek Sinha
194	School for Life	ASSESSING THE IMPACT OF EMERGING TECHNOLOGIES ON INDIA: A STUDY ON INDIVIDUAL PRIVACY AND NATIONAL SECURITY	12-05-2022	Jayadev Parida	
195	School of Health Sciences & Technology	Development of Dual Targeted Oxindole Conjugates for Skin Malignancy: Molecular Modeling, Synthesis and Biological Evaluation	12-05-2022	Ms. Monika	Snigdha Misra
196	School of Health Sciences & Technology	Improvement of cognitive functions by L-leucine via mTOR/PI3K/AKT pathway in Drosophila model of Alzheimer's disease.	12-05-2022	Ansab Akhtar	Vanika Gupta
197	School of Health Sciences & Technology	Investigate molecular mechanisms of immune response resulting from temporal interactions between reproduction and immunity using Drosophila	12-05-2022	Vanika Gupta(Left UPES)	Nishu Goyal

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198	School of Health Sciences & Technology	Measuring, monitoring and evaluating the health status of COVID-19 affected population	12-05-2022	Jyoti Upadhyay	Nirmal Jyothi; Shuchi Upadhyay
199	School of Advanced Engineering	Recycled Glass Nano Beads Reinforced Hybrid Natural Fiber Composites for Automobile and Aerospace Industry	12-05-2022	Subhankar Das	Manjeet Singh Goyat
200	School of Computer Science	Automated Real-Time Road Quality, Pothole, Landslide and Frost Detection in Hilly Terrain	12-05-2022	Nitesh Singh Malan	Achal Agrawal
201	School of Advanced Engineering	Design and development of a wearable microneedle patch for the continuous monitoring of acute myocardial infraction	12-05-2022	Ashish Mathur	Souradeep Roy
202		PL Spectrofluorometer	18-04-2022	Ankush Vij; P.Mandal; Ranjeet Kumar Brajpuriya	
203		Electrical Characterization Facility	18-04-2022	Asokan Kandasami; Ashish Kumar	
204		Battery Fabrication Facility	18-04-2022	Anil Sinha; Prateek Bhojane; N.B Soni	
205		XRD, XRR Facility	18-04-2022	Sarathlal; Anil Sinha; Ajay Gupta	
206		TGA and DSC	18-04-2022	Dipak Maity; Manjeet Goyat; Sravendra Rana; Gunjan V. Bonde; Harshit Shukla	
207		Sensor Fabrication Laboratory	18-04-2022	Ashish Mathur; S.M Tauseef	

S.No	School	Title	Project Date	PI	Co-PI
208	School for Life	Investigation of bio-chemical processes in working women as an effect of Yoga , Meditation and NDS on psychosomatic diseases	06-04-2022	Shalini Vohra	Sakthi Ganesh , Pooja Gupta
209	School of Advanced Engineering	Aluminum-Air Battery for Commercial Electric Vehicles with Refrigerated Logistic Transportation	07-03-2022	Ashish Karn	Roushan Kumar
210	School of Advanced Engineering	LAB scale hybrid (PCM-Concrete) thermal energy storage system for CSP applications	07-03-2022	Ramesh Kumar	Ram Kunwer
211	School of Advanced Engineering	Structural solution to mitigate electrical accident at high voltage traction line.	07-07-2021	Neeraj Kumar Sharma	Devender K. Saini
212	School of Advanced Engineering	Experimental analysis to enhance thermo-hydraulic performance of solar air heater having sine wave obstacles.	07-07-2021	Sachin Sharma	Abhay Kumar Rajesh Maithani
213	School of Advanced Engineering	Development of an economic and portable copper nano-composite based clay-pot filters for point-of-use water purification	07-07-2021	Suvendu Manna	Papita Das;Prakash Bobde
214	School of Advanced Engineering	Artificial Intelligence and IoT enabled Precision Agriculture System	07-07-2021	Sushabhan Choudhury	Arpit Jain Abhinav Sharma Rupendra Kumar Pachauri Vinay Chowdary Abhishek Sharma
215	School of Advanced Engineering	Compact Runway Takeoff And Landing (CORTAL)	07-07-2021	Ramesh Kumar	
216	School of Advanced Engineering	Development of solid catalyst for acid catalyzed reactions	07-07-2021	Shilpi Aggarwal	
217	School of Advanced Engineering	Value Addition of waste paper	07-07-2021	Bhawna Yadav Lamba	Sapna Jain

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218	School of Advanced Engineering	Dynamic Analysis of loosening of mechanical bolts under various loading conditions and vibrations	07-07-2021	Jitendra Yadav	Santosh Kumar Khare
219	School of Advanced Engineering	Installation of a Novel Catalytic biomass pyrolysis reactor for bio-oil production using different biomass feedstocks	07-07-2021	Leena Kapoor	Santosh K Gupta
220	School of Advanced Engineering	Feasibility plan of sustainable highway corridor infrastructure for electric vehicle	07-07-2021	Geetanjali Rani	D. Saini V. Balaji
221	School of Advanced Engineering	Drug delivery vehicle based on MNP- loaded polysaccharides	07-07-2021	Prateek Prasher	M. M Tambuwala Kamal Dua
222	School of Advanced Engineering	A novel solar water heater with storage for rural areas of uttarakhand : An experimental evaluation	07-07-2021	Geetanjali Raghav	Rajesh Maithani Anil Kumar
223	School of Advanced Engineering	Studies on the Syngas Conversion to Dimethyl Ether	07-07-2021	G.Gopalakrishnan	Pulla Rose Havilah
224	School of Advanced Engineering	Synthesis, characterization and applications of Layered Hydroxides as adsorbent for Contaminants of Emerging Concerns.	07-07-2021	Prakash Bobde	Sukdeb Pal, Senior Scientist, CSIR-NEERI
225	School of Advanced Engineering	Solid reductant selective catalytic reduction system and composite regeneration particulate filtration system for exhaust emission control	07-07-2021	Ajay Kumar	
226	School of Advanced Engineering	Design, Development and demonstration of solar thermal based lightening system	07-07-2021	Sami Rehman	
227	School of Advanced Engineering	Experimental investigation of inhibition and adsorption mechanism of shales by developing linear expansivity and adsorption desorption setup for enhanced shale gas recovery	07-07-2021	Annapurna Boruah	

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228	School of Advanced Engineering	Effect of Nano additives shape, size and concentration on the tribological behaviour of biodiesel.	07-07-2021	Deepak Kumar	
229	School of Advanced Engineering	CNT'S reinforced self-healing polymer composite coating for improved service life of flexible Li-ion Batteries	07-07-2021	Manjeet Singh Goyat	Sachin Pathak
230	School of Computer Science	Development of Energy Efficient Smart Building & Fusion Billing System	07-07-2021	Sunil Gupta	Durgansh Sharma
231	School of Computer Science	ICT assisted Art-Craft Workmanship for Rural Women Communities: An empowerment journey towards Sustenance	07-07-2021	Neelu J A	Ms. Bhavana Kaushik
232	School of Computer Science	Prioritizing Parameters Responsible for Fall in Elders	07-07-2021	Rohit Tanwar	Ms. Deepa Joshi
233	School of Computer Science	Development of Image Based Agriculture Fertilizer Spreading Apparatus	07-07-2021	Virendra Kadyan	Deepika Koundal
234	School of Computer Science	Robust View Invariant Recognition of Hand Postures and Their Spatio-Temporal Sequences for Acoustically Disabled Persons	07-07-2021	Prashant Rawat	Mrinal Goswami
235	School of Computer Science	Efficient Surveillance Assistance using hotspot analysis for Efficient Policing	07-07-2021	Ajay Prasad	Kaushik Ghosh
236	School of Business	A Case of BIAL (Bangalore International Airport Limited)	07-07-2021	Githa Heddge	Ms.Apurva
237	School of Business	Developing a business sustainability model for Cluster based agriculture food processing units in Uttarakhand	07-07-2021	Neeraj Anand	Shanatnu
238	School of Business	Case study: Flipkart Vs Amazon Vs JioMart vs. Regulatory challenges- Is Indian ecosystem becoming biased for Indian origin E-Commerce players?	07-07-2021	Anita Sengar	

S.No	School	Title	Project Date	PI	Co-PI
239	School of Business	Impact of Sustainable Smart Cities on Socio-Economic Development: A case of Dehardun.	07-07-2021	Hiranmoy Roy	BK Singh and Vaishali Singh
240	School of Business	Impact assessment of Uttarakhand Skill Development Mission (USDM) On Economic upliftment of the Trainees.	07-07-2021	P C Bahuguna	Neeraj Kataria and Tarun Dhingra
241	School of Design	Design Intervention for Ringaal- Basketry craft of Uttarakhand to empower craftsmen and improve livelihoods	07-07-2021	Soumitra Bhattacharya	Anirban Chowdhury
242	School of Design	Design and manufacture of prototype of an Amphibious vehicle for recreational use in Indian context	07-07-2021	Debashis Majumder	Anirban Chowdhury
243	School of Design	Design and Development of an electric in campus personal mobility solution	07-07-2021	Nitin Sharma	Siddhartha Mukherjee
244	School of Law	Socio-legal implication of agro-biotechnology among Bt Cotton farmers: An exploratory sequential study	07-07-2021	Anju Pandey	Atiq Ahmed, (External)
245	School of Law	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	07-07-2021	Ashish Verma	Shikha Dimri
246	School of Law	Water Security' for the State of Uttarakhand – A Study of feasibility of Water Conservation Methods with special emphasis on Rain Water Harvesting	07-07-2021	Udit Raj Sharma	Siddharth Balani
247	School of Health Sciences & Technology	Fabrication of electronic device for quantitation of chemical compounds based on colorimetric analysis	07-07-2021	Deepanmol Singh	Deepak Kumar

S.No	School	Title	Project Date	PI	Co-PI
248	School of Health Sciences & Technology	Design and Development of Vitamin D loaded niosome formulation for population experiencing Vitamin D insufficiency.	07-07-2021	Raj Kumar Tiwari	Gunjan Vasant Bonde
249	School of Health Sciences & Technology	Design, Synthesis and Structure-Activity Relationship Studies of Falcipain Inhibitors as Antimalarials	07-07-2021	Neeraj Mahindroo	Sapna Jain & Jeevan Patra
250	School of Advanced Engineering	Experimental investigation of ventilated supercavitation at high cavitator temperature	07-07-2021	Kumar Gaurav	Ashish Karn
251	School of Advanced Engineering	Novel technology of water lifting technique and efficiency enhancement of hydro turbines in remote hilly areas	07-07-2021	Ramesh Donga	Ashish Karn; Shashank Pal; Gaurav Mittal
252	School of Advanced Engineering	Nanomaterial based superhydrophobic sponge for oil-water separation for oil spills.	07-07-2021	Ranjit Kumar	Rajeev Gupta;Vamsi Krishna;D.K.Gupta;Ajay Mittal
253	School of Advanced Engineering	Development of a photocatalytic membrane for the removal of pharmaceutical compounds from water	07-07-2021	Shikha Wadhwa	Kanchan Bahukhandi;Abhishek Mishra
254	School of Advanced Engineering	Thin films of perovskite electrolytes for solid state lithium ion batteries.	07-07-2021	U N Mohamed Shahid	Amit Chawla
255	School of Advanced Engineering	Co-pyrolysis of mixed plastic waste and biomass using a novel catalyst to produce fuel grade hydrocarbons	07-07-2021	Surajit Mondal	Amit Kumar Sharma Pankaj Kumar Sharma
256	School of Advanced Engineering	Atomistic insights to study doped 2D nanostructures for structural and energy storage	07-07-2021	Akarsh Verma	Shyam Pandey

S.No	School	Title	Project Date	PI	Co-PI
257	School of Advanced Engineering	Analysis of performance, combustion and emission characteristics of the 3- cylinder 4-stroke compression ignition engine fueled with plastic and diesel blend.	07-07-2021	Shyam Pandey	Shashank Pal; Shailey Singhal
258	School of Advanced Engineering	Synthesis and phase change induced modifications in luminescence studies of binary oxide based nanostructures	07-07-2021	Ankush Vij	Shalendra Kumar Ranjeet K Brajpuria
259	School of Advanced Engineering	TiO ₂ :SnS nanocomposites for photo-electro-chemical applications	07-07-2021	Manan Mehta	Shikha Wadhwa
260	School of Advanced Engineering	Design and development of portable electrochemical sensor for Human Papilloma Virus (HPV) detection based on microfluidics platform	07-07-2021	Ashish Mathur	Tapas Goswami
261	School of Health Sciences & Technology	Optimizing biodegradation pathways in pesticides removing soil organisms using wet-lab and dry-lab approaches	07-07-2021	Nishu Goyal Bansal	Smriti Arora Koushik Das
262	School of Advanced Engineering	Designing piezoelectric mechanical energy harvesters based on polymer-biowaste hybrids for self-powered biomedical & next-generation electronics applications	07-07-2021	Parswajit Kalita	Sachin pathak; Sanjeev Kumar
263	School of Advanced Engineering	Designing metal and metal oxide based hybrid nano hetrostructures for sensor applications	07-07-2021	Abhishek Kumar Mishra	Tapas Goswami; Shikha Wadhwa
264	School of Advanced Engineering	Study of magnetization dynamics in Py nanostructures grown on curved surfaces	07-07-2021	Sarathlal K V	Sachin Pathak

S.No	School	Title	Project Date	PI	Co-PI
265	School of Advanced Engineering	Impact study of Self-assembled monolayers at the interface of transparent conducting oxide and metal oxide charge transport layers in semiconductor thin film devices	07-07-2021	Jimmy Mangalam	A. Chawla
266	School of Advanced Engineering	Kinetics and Performance of Bi-doped Perovskite Electrodes for Reversible Solid Oxide Cells Operating on Hydrogen	07-07-2021	Mohamed Shahid	P. Vijay
267	School of Advanced Engineering	Development of polymer nano-composite based porous and super-hydrophobic aerogels for oil-water separation in batch and continuous processes	07-07-2021	Suvendu Manna	Amit Sharma; Kanchan Bahukhandi
268	School of Advanced Engineering	Phase Equilibrium and Kinetic Study of Gas Hydrate Systems	07-07-2021	Gaurav Pandey	Deepak Singh Geetanjali Chauhan Uday Bhan
269	School of Advanced Engineering	Relict clinopyroxenes as black box to decipher characteristics of Archean volcanism, metallogeny and crustal evolution of Central Indian craton	07-07-2021	Sunil Kumar Khare	
270	School of Health Sciences & Technology	Design, synthesis and biological evaluation studies of new Etoposide analogues as anti-cancer agents	07-07-2021	Utsab Debnath	Neeraj Mahindroo; Jeevan Patra
271	School of Health Sciences & Technology	Role of phosphorylation on the structure and chaperone activity of Mycobacterium tuberculosis HSP16.3: Implications on drug resistance and macrophage activation	07-07-2021	Sandip K Nandi	Koushik Das

S.No	School	Title	Project Date	PI	Co-PI
272	School of Health Sciences & Technology	Diet mediated modulation of intestinal microbiome: a novel & innovative strategy to combat against enteric parasitic infection	07-07-2021	Koushik Das	Smriti Arora Divya Rawat
273	School of Health Sciences & Technology	Development of Plant based quantum dots as fluorescent probes for tumor specific bioimaging	07-07-2021	Mintu Pal	Sarvendra Rana
274	School of Health Sciences & Technology	Development of casein-based nanoencapsulation method for delivery of Chlorella vulgaris(SoHS)	07-07-2021	Manish Gupta	Shuchi Upadhyay Smriti Arora R Kaushik
275	School of Computer Science	In Work, at home: An empirical Study on Understanding of Technical Debt in Indian Software Development	07-07-2021	Ms. Mithali Chugh	Neeraj Chugh
276	School of Computer Science	Design, implementaiton and verification of ML-based model for identification of insulin resistance in humans using non-invasive techniques	07-07-2021	Alok Aggarwal	Jyoti Upadhyay
277	School of Computer Science	Real-Time robust framework for mapping landslide hazard using high resolution satelite images	07-07-2021	Rahul Nijhawan	
278	School of Computer Science	Wildfire Localization and spread prevention in moderate to dense regions	07-07-2021	Alind	Hhimanshu Sahu
279	School of Business	Developing Social Innovation tool for rural Utrakhand: An empirical study	07-07-2021	Rajesh Tripathi	Swati Gupta
280	School of Business	Adoption of CCSU Technology as a Long-term Plan to Mitigate Climate Change: Scope and Opportunities for India	07-07-2021	T. Joji Rao	Narendra N. Dalei Sumeet Gupta
281	School of Business	Developing a Tourism Product on Four Siddh Peeths in Dehradun	07-07-2021	Neeraj Anand	Biranchi Prasad Panda

S.No	School	Title	Project Date	PI	Co-PI
282	School of Business	Role of Gender and Corporate Governance in Determining the Performance of Microfinance Institutions in India	07-07-2021	Asif Khan	H Roy
283	School of Business	A Study of 'Smart Village' parameters in select villages of Dehradun district, Uttarakhand	07-07-2021	Ratna Banerjee	Meenakshi Sharma
284	School of Business	Economics of Improved Solid Waste Management: A case study of Selected Municipal Corporations of Uttarakhand	07-07-2021	Mohammad Younus Bhat	Rupesh Kumar
285	School of Design	Development of sustainable products from textile waste generated during the fabric cutting stage of garment production process.	07-07-2021	Jharna Joshi	Anirban Chowdhury
286	School of Design	Design and development of Glass products (Flame work) for creating a sustainable business to empower craftsmen livelihood	07-07-2021	Rakesh Sah	Anirban Chowdhury
287	School of Design	Development of anthropometric data base for sustainable product design	07-07-2021	Samrat Dev	Anirban Chowdhury
288	School of Design	Design and Development of an Amphibian Vehicle for National Border protection, where boredr falls on watery land or rivers.	07-07-2021	Debashis Majumder	Ashish R Thulkar
289	School of Design	Shilp-se-Shiksha: an Edtech language app based on Indian crafts	07-07-2021	Ishan Khosla	Pankaj Badoni, Anmol Srivastava, Venkateshvarlu Varela
290	School of Design	The Effectiveness of Immersive media (Virtual Reality) in building Empathy in Nurses	07-07-2021	Manisha Mohan	Anirban Chowdhury

S.No	School	Title	Project Date	PI	Co-PI
291	School of Design	Value added Product Development with Bamboo using novel technology.	07-07-2021	Rajan Iyer	Anirban Chowdhury
292	School of Design	Design Intervention for angora knitting craft of Uttarakhand to empower women all over the state	07-07-2021	Mayank Bisht	Ajit Bhandari
293	School of Law	Risk Assessment of Offshore wind Energy: A case of Indian Ocean Region	07-07-2021	Aswani RS	Yonus Bhatt
294	School of Law	Empowering Senior Citizens by teaching digital literacy in semi urban areas of dehradun district	07-07-2021	Asha Kaushik	Manisha Mohan
295	School of Law	Acquisition Authentication and Preservation of Electronic Evidence- An Exploratory Study in Indian Courts	07-07-2021	Nikita Begum Talukdar	Poonam Singh
296		Indigenous Set up of Plasma Treatment of Surface	07-07-2021	D.K Avasthi	
297		MOKE setup & Mossbauer setup	07-07-2021	Ajay Gupta	
298		Transport Measurement setup	07-07-2021	Ashish	
299		DC/RF Magnetron sputtering setup	07-07-2021	Amit Chawla	

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