

Completed Research Project

Title	Investigator	Funding Agencies	Amount Sanctioned
Isolation and Screening of Bio-Active Compounds from petals of <i>Calendula officinalis</i> and <i>Jasminum officinale</i> for antimicrobial property	Dr. Samir Bhargava	Seed Grant, DIT University, Dehradun	75,000 INR

Ongoing Research Project

Title	Investigator	Funding Agencies	Amount Sanctioned
Scouting and Documentation of Grassroots Technological Innovations, Novel Agricultural Practices and Outstanding Traditional Knowledge from Remote Villages in Tehri Garhwal District, Uttarakhand, India.	Dr. Neeraj Kumar Sethiya	National Innovation Foundation-India, Department of Science and Technology, Govt. of India.	3.58 Lakh INR
Synthesis, Characterization and biological evaluation of smart novel nanotheranostic for cancer	Dr. Ashok Behera	TARE-SERB, Department of Science and Technology, Govt. of India.	15 Lakh INR
Key Biomarkers Differentially Expressed in Cumulus and Mural Cells of Polycystic Ovary Syndrome (PCOS) Patients.	Dr. Havagiray Chitme	Bayer AG, Drug Discovery – Alliance Management, Germany.	10000 Euro INR
Comparative nutraceutical composition and phytochemical analysis on four variety of Turmeric viz <i>Curcuma longa</i> , <i>Curcuma amada</i> , <i>Curcuma zedoaria</i> and <i>Curcuma caesia</i> for market establishment.	Dr. Neeraj Kumar Sethiya and Dr. Manisha Duseja	Seed Grant, DIT University, Dehradun	1 Lakh INR
Nutraceutical and phytochemical analysis of Mango seeds (Waste material) for the development of value added cookies (bakery product) with antidiabetic potential.	Dr. Neeraj Kumar Sethiya and Vijay Singh Rana	Seed Grant, DIT University, Dehradun	60,000 INR
Development of Smart Polyplexes for the delivery of CRISPR in the brain to edit fragile X mental retardation 1 (FMR1) gene.	Dr. Devendra and Dr. Neeraj Kumar Sethiya,	Seed Grant, DIT University, Dehradun	2.75 Lakh INR
Characterization of Proteins Expressed by Stressed Granulosa Cells	Dr. Havagiray Chitme	Seed Grant, DIT University, Dehradun	1.75 Lakh INR
Preclinical evaluation of therapeutic potential of phlorotannins in the amelioration of type-2 diabetes and its nephropathic complication	Dr. Havagiray Chitme	Seed Grant, DIT University, Dehradun	2 Lakh INR
Design and synthesis of podophyllotoxin analogues to develop a noble therapeutic formulation for the treatment of cancer	Santosh Kumar Rath and Dr. Mandeep Kumar Arora	Seed Grant, DIT University, Dehradun	2.80 Lakh INR
Design & Development of Ligands for Different Molecular Targets implicated in <i>Mycobacterium tuberculosis</i>	Dr. Shashank Shekher Mishra and Dr. Rajeev Kumar Sharma	Seed Grant, DIT University, Dehradun	3 Lakh INR
Synthesis, characterization and In-vitro evaluation of new 5FU-Ocetreotideconjugates for targeted chemotherapy	Dr. Ashok Behera	Seed Grant, DIT University, Dehradun	2 Lakh INR
Development of Dual Amyloid β Aggregation Modulators and Metal Chelators as Neuroprotective Agents for the Treatment of Alzheimer's Disease	Dr. Ashish Ranjan Dwivedi, CO-PI: Dr. Devendra Kumar	Seed Grant, DIT University, Dehradun	2.25 Lakh INR
Preclinical evaluation of therapeutic potential of phlorotannins in the amelioration of type-2 diabetes and its nephropathic complication	Dr. Uddipak Rai, COPI: Dr. Havagiray R. Chitme	Seed Grant, DIT University, Dehradun	2 Lakh INR