

Sponsored research project sanctioned during the financial year 2019-20

<b>Sr. No.</b>	<b>Title of the Project</b>	<b>Name of Coordinator</b>	<b>Sponsoring agency</b>	<b>Duration</b>	<b>Project Cost</b>
<b>1</b>	Securing Water for Agricultural and Food Sustainability: Developing Transdisciplinary Approach to Groundwater Management	Dr. J N Patel	MHRD	2 years	58,51,495
<b>2</b>	Ultrasonic Micro reactor for Production of Nano-Micro Particles of Poorly water Soluble Active Pharmaceutical Ingredients (API)	Dr. Sanjaykumar Rameshbhai Patel	SERB	3 years	51,41,750
<b>3</b>	"TEC Data ingestion to ionosphere models from Indian EIA region to improve models predictions"	Dr. Sheetal P Karia	Women Scientist Scheme- WOS-A DST	3 Years	25,50,000
<b>4</b>	Investigations on Wear Characteristics of NiCrBSi Overlay Surface on 304 SS with and without Tungsten Carbide Reinforcement	Dr. V D Kalyankar	The Institutions of Engineering, India	18 Months	1,20,000
<b>5</b>	Robot Making Competition "ROBOFEST-GUJARAT"	Dr. Harshit K Dave	Gujcost		1,50,000
<b>6</b>	Study of breakup reactions involving weakly bound projectile nuclei at Coulomb barrier energies	Dr. Dipika B Patel	SERB	2 Years	21,31,200
<b>7</b>	Development of composite thin films with simultaneous different and magnetic properties	Dr. V N Lad	DST	2 Years	25,30,884
<b>8</b>	Linear Stability Analysis of Interface Dynamics in Two-Phase Jets	Dr. Jyotirmay Banerjee	SERB	3 Years	6,60,000
<b>9</b>	Simulation and Land data assimilation to community land model for improving rice crop dynamics	Dr. R K Jana	ISRO	3 Years	22,20,000
<b>10</b>	Synthesis of Artificial Sweeteners and High-Value Chemicals from Bio renewable Resources using Noble Metal Aerogel Catalysts	Prof K K Pant, (IIT Delhi) Prof. Jigisha Prarikh	SERB-DST	3 Years	21,45,264