

### Navrachana University Seed Grants

Sr. No.	Name of the Investigator	Title of the project and duration	Time Duration	Amount sanctioned (Rs.)	Funding Agency
1	PI: Dr. Elizabeth Robin Dr. Darshee Baxi	Co-PI: In depth screening of <i>Opuntia elatior</i> and <i>Curcuma caesia</i> for their phytochemicals and evaluation of their phytotherapeutic potential against Non alcoholic fatty liver disease using in vitro analysis	8th December 2023 to 7th December 2024	1,30,600/-	Navrachana University, Vadodara
2	PI: Dr. Dharmesh Varade Co-PI: Dr. Sandeep Patil	Hierarchical Self-Assembly of Novel Mixed Surfactants: Prospective Approach for Tailoring Antimicrobial Properties	26th August 2023 to 25th August 2025	2,00,000/-	Navrachana University, Vadodara
3	Dr. Viren Parikh	Performance Enhancement of Bimetallic Weld Joints by Reducing Brittle Intermetallic Compounds: Applications in Battery Manufacturing	26th August 2023 to 25th August 2024	62,000/-	Navrachana University, Vadodara
4	PI: Dr. Jeetendra Salunke Co-PI: Dr. Brijesh Shah	Development of Novel Green Catalytic Processes by Zirconia Based Mixed Metal Oxides.	26th August 2023 to 25th August 2025	2,00,000/-	Navrachana University, Vadodara
5	PI: Dr. Niyati Patel Co-PI: Ankita Sharma	Effectiveness of Atmanirbhar Bharat Abhiyaan with reference to communication strategies and Women Employability in Gujarat	26th August 2023 to 25th August 2024	93,000/-	Navrachana University, Vadodara
6	Ar. Priyanka Kanhare	Project Cardiogram: Manifestation of living natural system (case of Vishwamitri river)	26th August 2023 to 25th January 2025	1,15,000/-	Navrachana University, Vadodara
7	Dr. Sneha Joseph	Probing the phylogenetic relationship of the marine microbial communities to understand their genetic variations and relationship with the marine macrofaunal group along Koliyak coast (Gujarat)	26th August 2023 to 25th August 2024	1,22,000/-	Navrachana University, Vadodara
8	PI: Dr. Rabichandra Singh Elangbam Co-PI: Dr. Ketan Kothadia	Income Scenario and Social Protection Accessibility of Informal Workers in the City of Vadodara	26th August 2023 to 25th August 2024	1,05,000/-	Navrachana University, Vadodara
9	Dr. Krutika Abhyankar	Bioactive properties of germinated <i>Lablab purpureus</i> (L.) Sweet as a therapeutic for hypertension.	14th October 2022 to 13th April 2024	1,20,000/-	Navrachana University, Vadodara
10	Dr. Monisha Kottayi	Studies on the biological effect of chitosan on defense gene expression in <i>Triticum aestivum</i> L	14th October 2022 to 13th October 2024	1,84,000/-	Navrachana University, Vadodara
11	Dr. Brijesh Shah	Exploring the use of Metal Phosphonates as Metal Organic Framework (MOF) in the field of Catalysis and Ion Exchange	14th October 2022 to 13th October 2024	2,00,000/-	Navrachana University, Vadodara
12	PI: Dr. Denni Mamen Co-PI: Dr. Darshee Baxi	Structure-activity relationship of various flavonoid classes: An in-depth study	14th October 2022 to 13th October 2024	1,80,000/-	Navrachana University, Vadodara
13	PI: Dr. Anupama Dave Co-PI: Dr. Priyanka Behrani	Unveiling the awareness level and Hesitance for Adoption of Menstrual Cups among Employed Women in the State of Gujarat	14th October 2022 to 13th October 2024	1,05,000/-	Navrachana University, Vadodara
14	Mr. Ravi Sevak	Investigation in to Microwave Processing of Polymer Matrix Composites for Structural Applications	14th October 2022 to 13th October 2024	1,28,000/-	Navrachana University, Vadodara
15	Dr. Payal Desai	On Evaluation of critical buckling load of a beam using a generalized novel computer methodology	14th October 2022 to 13th October 2025	3,00,000/-	Navrachana University, Vadodara
16	Dr. Tejal K. Gajaria	Role of heterostructural ulvanobiuronic acids into modulating oxidative stress mediated damage into essential probiotic strains ( <i>Lactobacillus rhamnosus</i> and <i>Bifidobacterium</i> sp.)	1st April 2022 - 31st March 2024	2,00,000/-	Navrachana University, Vadodara
17	PI: Dr. Vaibhavi Gawarikar Co-PI: Dr. Lipi Buch	Impact of Critical Thinking on Neural Behaviour	1st April 2022 to 30th September 2023	1,09,500/-	Navrachana University, Vadodara
18	PI: Dr. Ankita Doshi Co-PI: Dr. Parth Pandya	Identification of the novel Quorum Sensing Inhibitor from <i>Butea monosperma</i> Leaf and Gum extract against <i>Serratia marcescens</i>	22nd March 2022 to 30th September 2023	1,00,000/-	Navrachana University, Vadodara
19	Dr. Pallavi Ghalsasi	Electric Field Induced Convection in Dielectric Fluids	18 May 2015 to 31 March 2017	1,00,000/-	Navrachana University, Vadodara
20	Dr. Darshee Baxi	Possible modulating role of melatonin underlying oligodendrocyte progenitor migration	July 2015 to June 2016	1,00,000/-	Navrachana University, Vadodara