



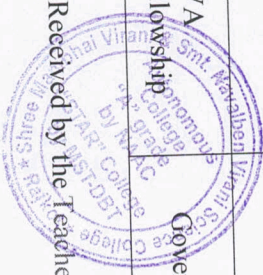
## Shri Manibhai Virani and Smt. Navalben Virani Science College

An Autonomous college affiliated to Saurashtra University, Rajkot

NAAC - Cycle-3  
Criterion- III  
DVV  
Metric – 3.2.1,  
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**List of Grants received by the teachers of various departments from Government and non-governmental agencies for research projects, endowments, Chairs in the institution during the last five years**

Sl. No.	Name of the Principal Investigator/ Co Investigator	Title of the Project	Name of the Funding agency	Type (Government/Non-Government)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in lakhs)	Duration of the project
1	Dr. Chitra Bhattacharya	Melishield Fragrant Mosquito Repellent	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Microbiology	2021	0.26	2021-2022
2	Shivani Tank	Biofilter	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Microbiology	2021	0.19	2021-2022
3	Dr. Shivani Patel	Organic Candle and Sachets	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2021	0.19	2021-2022
4	Dr. Shivani Patel	Alternative Bacterial and Fungal Media	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2021	0.03	2021-2022
5	Dr. Shivani Patel	Best Biofertilizer	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2021	0.14	2021-2022
6	Dr. Shivani Patel	Formulation and Characterization of Edible Plastic from Natural Sources	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2021	0.08	2021-2022
7	Vivek Pattani	Use Salt Tolerant Bacteria as Biofertilizer	BIRAC EYUVA Innovation Fellowship	Government	Microbiology	2022	2.38	2021-2022





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8	Dr. Rohan Pandya	Development of Natural Polymer Based Formulations	Atal Incubation Centre (AIC), Gujarat Technological University	Government	Microbiology	2020	0.5	2020-2021
9	Dr. Leena Ambasana	EduTech	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2020	0.28	2020-2021
10	Dr. Ravi Ranjan	Human Hair Derived Amino Acid Based Biofertilizer	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2020	0.07	2020-2021
11	Dr. Shivani Patel	Virtual Lab	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Biotechnology	2019	0.3	2019-2020
12	Dr. Abhijeet Joshi	Kit for Sugar Detection in Urine Samples of Diabetic patient	Biotechnology Mission (GSBTM), Department of Science & Technology, Government of Gujarat	Government	Microbiology	2019	0.5	2019-2020
13	Dr. Varun Shah	Controlled Air Eutrophs	Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology, Government of Gujarat	Government	Microbiology	2019	0.5	2019-2020
14	Dr. Varun Shah	Cloning, expression, purification and functional characterization of Tag/Pfu Polymerase	Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology, Government of Gujarat	Government	Microbiology	2019	0.5	2019-2020
15	Nidhi Saxena	Mushroom Cultivation (Mushroom source of high protein)	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Microbiology	2019	0.3	2019-2020

SMNVSC, NAAC-3 DVV-3.2.1, 3.2.2, 3.2.4 List of Research Grant Received by the Teachers from Various Departments





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16	Dimple Kachhadia	Vacuum Duster	Knowledge Consortium of Gujarat, Government of Gujarat	Government	Microbiology	2019	0.06	2019-2020
17	Dr. Pratik Ambasana	Student Start-up and Innovation Policy Grant	Commissioner of Higher Education, Government of Gujarat	Government	Chemistry	2018	1.97	2018-2021
18	Er. Ravi S. Tank	Study of antimicrobial activity of oil extracted from Pongamia pinnata seeds incorporated in hand sanitizer	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.05	2018-2020
19	Mr. Viral H. Karia	Antimicrobial activities of imidazole derivative	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.06	2018-2020
20	Er. Dhaval A. Tank	Antimicrobial activities of chemical derivatives against different microorganism	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.04	2018-2020
21	Mr. Prashant S. Gajera	Biodegradable polymer preparation & characterisation	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.07	2018-2020
22	Mr. Pankaj M. Akbari	Preparation of highly active solid catalyst from lemon pills and its application to bioenergy production	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.07	2018-2020
23	Mr. Govind V. Vagadiya	Synthesis of novel heterocyclic molecules.	Department of Biotechnology (DBT) Government of India	Government	Industrial Chemistry	2018	0.04	2018-2020
24	Mr. Viral H.	Synthesis and	Department of	Government	Industrial	2018	0.03	2018-

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	Karia	biological screening of 1, 4 di-hydroxy anthraquinone derivatives as a promising anticancer agents	Biotechnology (DBT), Government of India		Chemistry			2020
25	Mr. Pankaj M. Akbari	Synthesis of novel 1, 2, 4 triazol and pyridine triazole as a potential anticancer, antibacterial, antifungal and anticorrosive agents	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.04	2018-2020
26	Dr. Mehul Savaliya	Synthesis of cyanuric chloride derivatives as antimicrobial agents.	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.09	2018-2020
27	Dr. Govind Vagadiya	One pot green MCRs for synthesis of coumarin derivatives as anticancer agents.	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.09	2018-2020
28	Dr. Mehul Savaliya	Synthesis & Characterization of Indole and Pyrazole derivatives for Agriculture and Medicinal Application.	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.06	2018-2020
29	Er. Dhaval A. Tank	Preparation of novel chalcones.	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2018	0.03	2018-2020
30	Dr. Reena Dave	Herbal products:	Department of	Government	Biology	2018	0.01	2018-





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	Preparation of Herbal Moisturizer, Herbal Stir Up, Herb Care Spray and Soothing.	Biotechnology (DBT), Government of India							2020
31	Dr. Neha Patel Sectioning and anatomy of anomalous secondary growth of dicot roots and cell division.	Department of Biotechnology (DBT), Government of India	Government	Biology	2018	0.01	2018-2020		
32	Dr. Reena Dave Study of pollen grains of Family Malvaceae.	Department of Biotechnology (DBT), Government of India	Government	Biology	2018	0.01	2018-2020		
33	Dr. Rahul S. Gohel Identification of marine animals of the coast of Narara Island (Gujarat) based using	Department of Biotechnology (DBT), Government of India	Government	Biology	2018	0.01	2018-2020		
34	Dr. B. S. Joshi Testing of Analog circuits	Department of Biotechnology (DBT), Government of India	Government	Physics	2018	0.08	2018-2020		
35	Dr. B. A. Joshi Testing of Digital circuits	Department of Biotechnology (DBT), Government of India	Government	Physics	2018	0.06	2018-2020		
36	Er. Ravi S. Tank Characterization of Industrial Effluents	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2017	0.08	2017-2018		
37	Mr. Prashant S. Gajera Study on Synthesis of Methyl Salicylate & Its Derivatives	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2017	0.08	2017-2018		
38	Er. Dhaval A. Tank Preparation of Perovskite based	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2017	0.04	2017-2018		

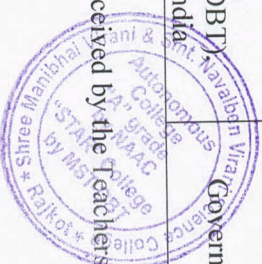




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		catalyst by co-precipitation, citrate & Sol-Gel method	Government of India					
39	Mr. Viral H. Karia	Hydrogel preparation for the removal of dyes from chemical waste	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2017	0.03	2017-2018
40	Mr. Pankaj M. Akbari	Synthesis of Chalcone & its Derivatives	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2017	0.17	2017-2018
41	Mr. Govind V. Vagadiya	Synthesis of Oxazole derivatives and its characterisation	Department of Biotechnology (DBT), Government of India	Government	Industrial Chemistry	2017	0.14	2017-2018
42	Dr B.A. Joshi & Dr D. J. Dave	Power supply wise mobile chargers	Department of Biotechnology (DBT), Government of India	Government	Physics	2017	0.16	2017-2018
43	Dr B.A. Joshi & Dr D. J. Dave	Capacitor parallel and series	Department of Biotechnology (DBT), Government of India	Government	Physics	2017	0.1	2017-2018
44	Dr B.A. Joshi & Dr D. J. Dave	Resister in Series and Parallel	Department of Biotechnology (DBT), Government of India	Government	Physics	2017	0.17	2017-2018
45	Dr. B. S. Trivedi	Logic Gate Circuit	Department of Biotechnology (DBT), Government of India	Government	Physics	2017	0.8	2017-2018
46	Dr. J. N. Chauhan	The Dihedral Group	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
47	Dr. J. N. Chauhan	Introduction to Geogebra	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018







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48	Ms. Chandani Dhaduk	Ordinary Differential Equation	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
49	Mr. Punit Vadher	Number Theory	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
50	Ms. Nisha Nesadiya	Real Life Problems Solved by Graph Theory	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
51	Ms. Bhavati Nabhoya	Calculus	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
52	Dr. Mahesh Joshi	Introduction to Topology	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
53	Mr. Parag Ajani	Statistical Methods	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
54	Dr. Rakhimol Isaac	Partial Differential Equation and Its Applications	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
55	Ms. Neha Jamvecha	Abacus and Vedic Mathematics	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
56	Ms. Miral Ambavi	Problems and Solutions of Group Theory	Department of Biotechnology (DBT), Government of India	Government	Mathematics	2017	0.01	2017-2018
57	Dr. Neepa Pandhi	Production and Characterization of Rhamnolipid	Department of Biotechnology (DBT), Government of India	Government	Microbiology	2016	37.64	2016-2019

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		biosurfactants from marine bacteria using agro and industrial waste						
58	Dr. Anil Kumar Singh	Evaluation of different elicitors for bio-priming of in vitro grown banana plantlets against fungal and bacterial pathogens	Gujarat State Biotechnology Mission (GSBTM), Department of Science & Technology, Government of Gujarat	Government	Biotechnology	2014	12.77	2014-2018

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Co-ordinator,

*Research A. Sawant*  
Shri Manibhai Virani & Smt. Navalben  
Virani Science College, Rajkot

*Handwritten signature*  
Principal

Shri Manibhai Virani and  
Smt. Navalben Virani Science College  
(Autonomous) Rajkot.

