

## Funded Research Projects

Sr. No.	Dept.	Title of Grant	Principal Investigator	Period of Grant	Scheme	Status	Sanctioned Amount (INR)
1	Mech	CFD Analysis Fluid Flow through pipe with twisted tape inserts	Prof. Parag Chavare	2007-09	Pune Univ. Research Funding	Completed	1,50,000
2	BSH	Institute for Quantum Computing, Univ. Of Waterloo, Canada	Dr. Vikram Athalye	2011-12	Visiting Scientist	Completed	15,000 USD (~10,00,000)
3	E & TC	Broadband Micro-strip Patch Antenna For Proximity Sensor Artillery Shells	Prof. S. V. Kulkarni	2012-13	Defence Research & Dev. Organization (DRDO)	Completed	15,00,000
4	IT	J2ME Based cell Phone Driver to Retrieve Info. from MySQL Server	Prof. Praful Meshram	2012-14	Pune Univ. Research Funding	Completed	1,20,000
5	BSH	Biosynthesis of Nano particles and its Applications	Dr. Malini Bapat	2012-14	Pune Univ. Research Funding	Completed	1,10,000
6	Mech	Experimental Investigation of Biocomposites reinforced with natural fibres	Dr. Ravindra Ingle	2013-15	Pune Univ. Research Funding	Completed	2,30,000
7	BSH	Working Towards Better Photoanodes and Dye-Sensitizers for efficient Solar cells	Dr. Malini Bapat	2014-15	Pune Univ. Research Funding	Completed	22,000
8	Mech	Feasibility Study for Shelf Life Prediction Machine for Fruits (Apple)	Dr. Ajit Bhosale	2015-17	Dept. Of Sc. & technology (DST-IDP Cell)	Completed	29,96,457
9	Instru	Development of Digital Photographic Technique for Electrolite Estimation in Liquid Sample using Flame Photometry	Dr. Anagha Panditrao	2016-17	Ramchandra Dattatray Pratishthan, Pune	Completed	2,00,000
10	Comp	Handwritten Character Recognition for Devanagari Script using Density based Clustering	Dr. Sunita Jahirabadkar	2016-18	Pune Univ. Research Funding	Completed	80,000

12	Mech	Experimental Investigation of Influence of Different Oil Mist Parameters and Lubrication Oils on Minimum Quantity Lubrication	Dr. H. M. Shinde	2016-18	Pune Univ. Research Funding	Completed	1,15,000
13	Mech	Experimental Investigation of Solar Desalination System Using Evacuated Tube Collector and Compound Parabolic Concentrator	Dr. S. A. Kedar	2016-18	Pune Univ. research Funding	Completed	1,00,000
		Extraction of Is from rice husk	Dr. Malini Bapat	2018-20	Swaroop Agrochemical Industry, Nashik	Completed	1,56,874
14	E & TC	Development of image quality improvement algorithms for satellite imagery / radiometric data	Dr. Ashwini Deshpande	2018-20	ISRO-UoP	Completed	8,70,000
15	Mech	Experimental Investigation for developing cost effective instrument to predict remaining useful life of engine oil	Dr. A. K. Bewoor Dr. H. M. Shinde	2019-21	Rajiv Gandhi Sc. & Technology commission, Govt. of Mah.	Ongoing	16,80,000
16	Mech	Mechatronics System Design for Weed Management, detection of major diseases and harvesting the ripen grapes clusters in vineyards	Prof. Nilesh Kolhalkar	2019-21	Pune Univ. research Funding	Ongoing	3,00,000
17	Mech	Development of Hydodynamically-Optimum and Smart Sanitation Equipment for Minimization of Water Consumption	Dr. Deepak Watvisave	2019-23	DST	Ongoing	30,23,724
18	IT	Indian Sign Language recognition using Deep Learning	Dr. Anagha Kulkarni	2020-21	IBM, SUR	Ongoing	11,91,000
19	Comp	Fusion of thermal and optical image features in classification of space objects to identify debris using Deep Learning.	Dr. Sunita Jahirabadkar	2021-23	ISRO-SPPU Cell	Ongoing	10,00,000

20	IT	Design of accurate & efficient machine learning autonomous algorithm for guidance & navigation of space landing mission	Dr. Dipti Patil	2021-23	ISRO-SPPU Cell	Ongoing	11,00,000
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