

Prof RDP / Mulla [Accounts]

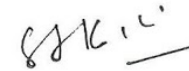
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List of Sanctioned Project Under In-House Seed Funding Scheme for Year 2018-19

SR. NO	TITLE OF PROJECT	NAME OF PI	Amount Sanctioned
1	Experimental Evaluation of Magnetorheological Clutch	Dr. Satyajit R. Patil	20,000
2	Design of regenerative shock absorber along with mechanical motion rectifier	Dr.Lalitikumar M. Jugulkar	25,000
3	Experimental investigation to study the effect of fin density and fin thickness on fluid elastic instability threshold of normal square finned tube arrays in water cross flow	Dr. Sandeep R. Desai	30,000
4	Cryogenic assisted Machining of Nimonic C-263 alloy	Prof.P. S. Jadhav	30,000
5	Development of phase change material for solar cooking application.	Prof. P. V. Gunjavate	20,000
6	Design and development of actuator in crane braking system using shape memory alloy.	Prof. S. B. Kumbhar	10,000
7	Development of ball throwing machine useful for cricket	Prof. S. R. Patil	25,000
8	Car window glass breaking system using shape memory alloy passengers safety	Prof. P. M. Jadhav	10,000
9	Design and analysis composite material for evaporator of vapor compression refrigeration system (VCRS)	Dr. Sharad D. Patil	20,000
10	An experimental investigation on effect of cladde wire electrode in the machining of wire EDM.	Dr. Sharad D. Patil	10,000
11	Performance analysis of vegetable oil as bio-lubricant	Prof. R. V. Pawar	18,000
12	Design and development of solar dryer with turbulence for agriculture product (Raisin)	Dr. S. M. Sawant	20,000
13	Performance evaluation and enhancement of heat transfer rate of automotive radiator by using different nanofluid based coolant	Kadam Sanjay Vasant	15,000
14	Numerical and experimental analysis of heat transfer and friction factor using a dimpled surface in rectangular duct.	Dr. Abhijeet P. Shah	18,000
15	Design and development of semi-automatic multi operational coconut machine	Dr. S. K. Patil	30,000

16	Development of novel tool used in electric discharge machining process of Ti6A14V	Dr. S. K. Patil	18,000
17	Vibration analysis of rolling element bearing using experimental data models	Dr. Desavale R. G.	25,000
18	Design and development of cross-flow heat exchanger	Dr. Abhijeet P. shah	15,000
19	Design and Development of wireless valve control system.	Dr. A. B. Kakade	30,000
20	Design and Development of IV flow monitoring system	Dr. A. B. Kakade	30,000
21	Design and Development of Lavatory Cleaning Robot	Dr., J. S. Awati	15,000
22	Solar panel flaws detection and remote monitoring system using Hadoop.	Miss. Snehal Sachin Patil	15,000
23	Agriculture disease prediction system	Prof. P. T. Sawant	12,000
24	Dynamic power factor improvement device	Dr. Vaiju N. Kalkhambkar Dr. Mahadev S. Patil	30,000
25	Energy management for solar -pv system with energy storage	Dr. Vaiju N. Kalkhambkar	15,000
26	Investigation of innovative bracing system for steel frame structure	Dr. P. S. PATIL	12,000
27	Design & Development Of Low Cost video inspection system	Prof. R. T. Patil	25,000
28	Create a database of problems and innovative solutions from various domain	Dr. Shyam Gurav	18,000
29	Experimental Investigation of cryogenic machining of EN-19 steel	Prof. B. R. Jadhav	10,000
	TOTAL		571,000/


Dean R&D


Director