

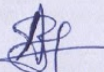
### List of Sanctioned Project under In-House Seed Funding Scheme for Year 2019-20

SR. NO	TITLE OF PROJECT	NAME OF PI	Amount Sanctioned
1.	Experimental investigation of micro-hole formation in glass substrate using electrochemical discharge machining.	Dr. S. K. Patil	30,000
2.	Automatic cutting and scraping machine for dehusked coconut	Dr. S. K. Patil	30,000+30,000*
3.	Design and development of electromagnetic vibration absorber,	Prof. S. S. Gawade	27,000
4.	Design and development of liquid desiccant dehumidifier for air conditioning (LDAC) system.	Prof. S. S. Gawade	25,000
5.	Enhancement of thermal efficiency in solar water heater by using nanoparticles.	Prof. S. N. Jalwadi	15,000
6.	Design and Development of electronic system for chapatti, Papad making multipurpose machine	Dr. S. D. Patil	30,000
7.	Vibration signature analysis of unbalance response of rolling element bearing	Dr. R. G. Desavale	25,000
8.	Automatic puran making machine	Dr. M. B. Mandale	15,000
9.	Shape memory alloy actuated smart battery cooling system.	Prof. S.B. Kumbhar	15,000
10.	Experimental investigation of unbalance response of rotor bearing system based on support vector machine	Prof. P. M. Jadhav	15,000
11.	Automization and commercialization of cricket ball throwing machine	Prof. S. R. Patil	30,000+30,000*
12.	Experimental and numerical investigation of incremental forming on biocompatible material for biomedical applications like cranial implant etc.	Prof. R. A. Magadum	30,000
13.	Design and development of automatic chakali making machine	Prof. R. V. Pawar	30,000
14.	Experimental investigation of heat transfer enhancement using nanofluid in tube.	Prof. S. V. Kadam	10,000
15.	Design and Development of non-conducting liquid level measurement system using IOT for Institutes generator.	Dr. A. B. Kakade	20,000

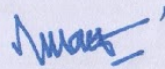


16.	Dynamic Power Factor Improvement System	Dr. M. S. Patil	16,000
17.	Development and Commercialization of IOT Based Vertical Farming Using Hydroponic Technology	Prof. P. P. More	30,000
18.	Smart Direct Demand Monitoring System.	Prof. R. T. Patil, Dr. H. T. Jadhav	30,000
19.	Snake repellent system.	Prof. B. N. Holkar	20,000
20.	Design of regenerative shock absorber along with mechanical motion rectifier.	Dr. L. M. Jugulkar	25,000
21.	Design and development of a mobility device for short-range personal transportation	Dr. S. R. Patil, Dr. M. S. Patil	30,000
22.	Synthesis and Characterization of Functionally Graded Material	Prof. P. S. Ghatage, Dr. S. S. Gawade	25,000
23.	Free Vibration Analysis of Multidirectional Functionally Graded Plate Structure Using First Order and Higher Order Shear Deformation Theory	Prof. P. S. Ghatage	10,000
24.	Development and Prototype of an Electric Bicycle For Short Range Mobility	Dr. S.R. Patil, Dr. S. R. Kumbhar, Dr. V. N. Kalkhambkar, Prof. S. G. Kumbhar, Prof. R. D. Patil.	60,000
25.	Experimental Study of Behavior of I-Shaped Steel Castellated Column.	Prof. A. M. Jamadar	30,000
26.	Intellectual automated system to analyze the students attention during academic sessions.	Ms. J. P. Rankhambe	20,000
27.	Investigation of dry sliding behavior of AA6061-ZrB2 composites for brake friction material application.	Dr. R. G. Desavale	20,000

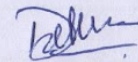
\* This amount will be reimbursed after validation at only customer side

  
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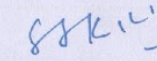
Dr. A. B. Kakade

  
Member

Dr. R. G. Desavale

  
Member

Mr. S. R. Dodmise

  
Director

Dr. Mrs. S. S. Kulkarni