

**MKSSS's Cummins College of Engineering for Women, Pune
Department of Mechanical Engineering**

Research Grants – R&D Projects

Sr. No.	Faculty Name PI CO-PI	Project Title	Name of Agency	Amount in Rs.	Duration	AY
1	Rujuta Agavekar	Design and development of a test bench to evaluate the performance of various energy recovery devices	ASHRAE (American Society of Heating Refrigerating and Air Conditioning Engineers)	4,08,371	1 year	2023-24
2	Dr D S Watvisave Dr. Shridhar A Kedar	Development of Hydro dynamically-Optimum and Smart Sanitation Equipment for Minimization of Water Consumption	Department of Science and Technology (Technology Mission Division), New Delhi	30,23,724 /-	3 Years	2020-21 2021-22 2022-23
3	Dr D S Watvisave	Skill and Personality Development Center	AICTE SKILL AND PERSONALITY DEVELOPMENT PROGRAMME CENTRE FOR SC/ST STUDENTS	13,36,683/-	3 Years	2019-20 2020-21 2021-22
4	Nilesh.R.Kolhalkar Dr. Ajit A. Bhosale	Mechatronics system design for weed management, detection of major diseased and harvesting the ripen grapes clusters in vineyards	S.P.P.U-ASPIRE (Assistance by S.P.P.U for Project based Innovative Research)-Research Mentorship Grant	3,00,000/-	3 Years	2019-20 2020-21 2021-22
5	Dr. Ajit A. Bhosale Yashwant S Munde	Modernization of Composite Material Laboratory for composite materials processing, materials testing and machining	AICTE MODERNISATION AND REMOVAL OF OBSOLESCENCE (MODROBS) scheme	13,24,000/-	2 Years	2019-20 2020-21
6	Dr. A. K. Bewoor H. M. Shinde	Experimental Investigation for developing cost effective instrument to predict remaining useful life of engine oil	Rajiv Gandhi Science and Technology commission, Government of Maharashtra	16,80,000/-	2+1 Years	2018-19 2019-20 2020-21
7	Dr. Ajit A. Bhosale	Feasibility Study For Shelf Life Prediction Machine For Fruits (Apple)	Department of Science and Technology – IDP Cell	29, 96,457/-	2 Years	2016-17 2017-18
8	S. A. Kedar Dr. A. K. Bewoor	Experimental investigation of Solar Desalination System Using Evacuated Tube Collector and Compound Parabolic Concentrator	Board of College and University Development, Savitribai Phule Pune University	1,00,000/-	2 Years	2016-17 2017-18
9	H. M. Shinde Dr. A. K. Bewoor	Experimental investigation of Influence of different oil mist parameters and lubrication oils on minimum quantity lubrication	Board of College and University Development, Savitribai Phule Pune University	1,15,000/-	2 Years	2016-17 2017-18
10	Dr. R. B. Ingle Yashwant S Munde	Experimental Investigation of biocomposites reinforced with natural fibers	Board of College and University Development, Savitribai Phule Pune University	2,30,000/-	2 Years	2013-14 2014-15
11	Prof. Parag S. Chaware	CFD analysis fluid flow through pipe with twisted tape inserts	Board of College and University Development, Savitribai Phule Pune University	1,50,000/-	2 Years	2007-08 2008-09
Total				1,16,64,235		