

Interdisciplinary Minor Projects 2020-21, 2021-22& 2022-23

Sr. No.	Title of the project	Name of PI	Name of Co-PI	Amount sanctioned	Sponsoring Authority	Year
1	Development of setup for Hot Ferrography of sliding Pairs	Dr B Rajiv	Dr P P Deshpande- Metallurgy Dept	4.5 Lakhs	Minor Research Project-COEP	2 Yrs.
2	Incremental Forming of the AlumniumAlloys :Role of texture, microstructure and forming parameters	Dr A. M. More- Metallurgy Dept	Dr. B. U. Sonawane	5 Lakh	TEQIP III	2 Yrs.
3	Development of general soil testing setup	Dr K. K. Tripathi- Civil	Dr. B. U. Sonawane	4.5 Lakh	TEQIP III	2.Yrs.
4	Design and development of Robotic arm for kinematic study and validation of advance control strategies	Dr. M. D. Jaybhaye	Dr. S. D. Hanwate - Instru Dept	5 Lakh	Minor Research Project-COEP	2 yrs.
5	Design ,Development& Validation of protable Bone	Dr. S SAnanasane	Dr.Kalyani Bhole- Instru Dept	5.25 Lakh	Minor Research Project-COEP	2 yrs.
6	Experimental Investigations and Analysis of Vibro Rotary Electric Discharge Machining Machining on Range of Materials	Dr P. D. Pantawane	Dr. V. T. Thavle	5 Lakh	Minor Research Project-COEP	2 Yrs.
7	Application of Machine Learning for Tool Wear Prediction with Energy Efficiency Consideration.	Dr P. D. Pantawane	Dr. U. T. Ugale	5 Lakh	Minor Research Project-COEP	2 Yrs.
8	Setup for Realization of Industry 4.0 though virtual commissioning / digital twin	Dr. S.M. Patil	Dr. M. R. Dhanvijay	5 Lakh	Minor Research Project-COEP	2.Yrs.

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	to enable smart manufacturing.					
9	Machine vision system for ECDM.	Dr. M. R. Dhanvijay	1. Dr. Mrs. Vibha Vyas 2. Dr. S. M. Patil	5 Lakh	Minor Research Project-COEP	2 yrs.
10	Investigation on Lattice structures manufactured using SLM process for biomedical implants.	Dr. M. S. Sawant	Dr. A. V. Mulay	5 Lakh	Minor Research Project-COEP	2 yrs.
			Total	45 Lakhs		

- Funded research from outside:

(Provide a list with Project Title, Funding Agency, Amount and Duration) Funding Amount (Cumulative during CA Ym1, CA Ym2 and CA Ym3):

Amount > 50 Lakh – 10 Marks,

Amount > 40 and ≤ 50 Lakh – 7 Marks, Amount > 30 and ≤ 40 Lakh – 5 Marks,

Amount ≥ 15 and ≤ 30 Lakh – 3 Marks, Amount < 15 Lakh – 0 Marks