

D Y Patil College of Engineering, Ambi

Research Projects

Name of the Project	Name of the Principal Investigator	Department of Principal Investigator	Year of Award	Funds provided	Duration of the project
Magneto Rheological Damping System	Ravi Khakkhar & Kunal Kshirsagar	Mechanical Engg.	2018	Rs. 40,000/-	6 months
Design Manufacturing & Analysis of Wire Rope Coupling	Aditya Kansara & Nitin Mali	Mechanical Engg.	2018	Rs. 40,000/-	6 months
Synthesis and Characterization of composites of modified Fe ₂ O ₃ with	Sagar Balgude	Science & Technology-	Applied	Rs. 2,92,000/-	2 years
“Development of Geographical Region Identification Technique”	Sanjay S. Badhe	Electronics & Telecommunication	Applied	Rs. 2,70,000/-	2 years
“Design & Development of Musical Instrument Identification System”	Sushen R. Gulhane	Electronics & Telecommunication	Applied	Rs. 2,60,000/-	2 years
“Accelerating Genetic Sequence Analysis with Advanced VLSI Design	Nitin A. Dawande	Electronics & Telecommunication	Applied	Rs. 2,40,000/-	2 years
“Wireless Ad-Hoc Network for Hospital Management”	Moresh M. Mukhedkar	Electronics & Telecommunication	Applied	Rs. 3,74,000/-	2 years
“Investigating the impact of Discourse Connectors on Sentiment Analysis”	Dhanashree S. Kulkarni	Computer Engg.	Applied	Rs. 1,40,000/-	2 years
“Recognition & Classification of Fruit Disease by applying Machine Learning	Dhanashree S. Kulkarni	Computer Engg.	Applied	Rs. 2,10,000/-	2 years
“Precision Agriculture using Wireless Sensor Network”	Santosh S. Biradar	Computer Engg.	Applied	Rs. 2,20,000/-	2 years

“Investigation of Performance & emission characteristics of Diesel	Pooja G. Thorat	Mechanical Engg.	Applied	Rs. 3,00,000/-	2 years
“Analysis of Hydro dynamic journal bearing for cavitations & stability”	Vinayak Shinde	Mechanical Engg.	Applied	Rs. 2,30,000/-	2 years
Grey Forecast Model for Accurate Recommendation in Presence of Data Sparsity and Correlation	Vikas Mapari	Information Technology	2017	Rs. 75,000/-	6 months
“Vapour Smoothing Setup for Treating 3D printed ABS Parts”	Sunil Dambhare	Mechanical Engineering	2016	Rs. 50,000/-	1 year
Crank Identification of Cantilever Beam by Using Vibration Analysis	ABhijit Naik & Kunal Kshirsagar	Mechanical Engineering	2016	Rs. 1,30,000/-	6 months
Solar Power Based Automatic Ventilation System	Sushen R. Gulhane & N. A. Dawande	Electronics & Telecommunication	2015	Rs. 75,000/-	6 months
Analysis of Single Point Cutting Tools with & without Coating	Nitin Mali & Abhijit Naik	Mechanical Engg.	2014	Rs. 1,07,000/-	9 months
“Performance Evaluation of Air Conditioning System using HPHX”	Abhay Pawar	Mechanical Engineering	2013	Rs. 1,75,000/-	2 years

