

MES College of Engineering Pune-01

Dept. of Mechanical Engineering

List of Project Group A.Y 2020-21

Sr no	1. Name of Student	Project Title	Guide Alloted	Internal Reviewers	Sponsorship details	Project categ
1	Kalyani udaykumar gadhave	Design Automated Bottle Packing Machine	Dr. S.S.Sarwade	Mr. S .H. Gawande Mr. Sushant Jadhav	Self Sponsored	Design
	Shushant R. Jadhav					
	Shubham R. Mhaisur					
	Nikhil F. Detha					
2	Prathamesh Jaju	Pre-Stress Modal analysis on elastic Rail Clip	Dr.S.S.Sarwade	Mr. S .H. Gawande Mr. Sushant Jadhav	Self Sponsored	Research
	Shrutika Panchal					
	Prachi Bibekar					
3	Manisha Shivaji Girme	OctoCAD ©, a knowledge based system for design of machine elements, components and systems and CAD customization interface for	Dr. V.N. Chougule	Mr. S .H. Gawande Mr. Sushant Jadhav	Self Sponsored	Automation
	Shanbana Maheboob Sayyed					
	Chettiar Rajhariharan Ramakri					
	Darekar Atharv Balasaheb					
4	Sagar singh bist	Connected Cars and Monetization	Dr. V.N. Chougule	Mr. S .H. Gawande Mr. Sushant Jadhav	Volkswagen, Malaysia	Research
	Shashank Pothu					
	Shubhankar Angir					
	Meghraj Konduskar					
5	Prashant Rajaram Gawali	DESIGN AND FABRICATION OF FRICTION STIR WELDING	Dr. V.N. Raibhole	Dr. V.N. CHOUGULE Mr K A Mahajan	Self Sponsored	RESEARCH
	Rohan Raju Rathod					
	Dhiraj Dilip Kadam					
6	Prakash More	Automatic controlling and Monitoring of Artificial Green House	Dr. V.N. Raibhole	Dr. V.N. CHOUGULE Mr K A Mahajan	Self Sponsored	Application
	Kartik Joshi					
	Prasad Gaikwad					
	Rajkumar Amogoudaru					
7	Pratik Arvind Tambe	To Design an Autonomous UAV and to make it efficient and cost-effective	Dr. S H Gawande	Dr. V.N.Chougule Mr. A.R.Patil	Self Sponsored	Automation
	Bhavana Vinod Suryawanshi					
	Anas Hafiz Shaikh					
	Kavita Sanjay Mekhe					
8	Mayur Tukaram Patil	Feasibility of Solar Roadways in India	Dr. S H Gawande	Dr. V.N.Chougule Mr. A.R.Patil	Self Sponsored	Research
	Aditya dattatray kulkarni					
	Mangesh Milind Bhisare					
	Abhijit Subhash Mogal					
9	Himanshu Shashikant Aate	Design and Development of Virtual Lab for various experiments in Solid Mechanics	Dr. A Mitra	Mr K A Mahajan Dr R N Yerawar	Self Sponsored	APPLICATION
	Aniket Krishna Gawande					
	Ketan Rajendra Chaudhari					
	Prasad Arun Lokhande					
10	Rajput Ajay Subhash	Design, Development of Passive Suspension System using MATLAB SIMULINK	Dr. A Mitra	Mr K A Mahajan Dr R N Yerawar	Self Sponsored	DESIGN
	Gaikwad Shrikant Suresh					
	Mhatre Shubhali Balu					
	Vinay Satish					
11	Abhishek Shankar Patil	Study and Evaluation of Plate Type Heat Exchanger.	Mrs V J Sonawane	Dr V N Raibhole Mr H S Salve	Self Sponsored	DESIGN
	Tejas Sunil Deo					
	Diksha Gautam Wavhal					
	Arti Ganesh Gajare					
12	Kunal Anil Nehete	augmentation of heat transfer using twisted tape	Mrs V J Sonawane	Dr V N Raibhole Mr H S Salve	Self Sponsored	Application
	Niranjan Thengzode					
	Prashant dandge					
	Shubham Kharat					
13	Varad Saptarshi	Joining of dissimilar metals by using Friction stir welding process	Mr. S P Gadewar	Mr. S D Wankhede Mr. Suhas S Jadhav	Self Sponsored	RESEARCH
	Vedant Mahajan					
	Yash Pund					
	Kunal Gatkal					
14	Atharv Avinash Pathak	Study of weld characteristics of Butt welded Aluminium-Copper joint using friction stir welding (FSW).	Mr. S P Gadewar	Mr. S D Wankhede Mr. Suhas S Jadhav	Self Sponsored	RESEARCH
	Atharva Atul Pawar					
	Sanika Santosh Chitale					
	Vaibhav Sanjay Kale					

15	Omkar Suresh Pawale	Design and manufacturing of light weight crash protection attachments curated for sports bikes.	Mr.S.P.Gadewar	Mr. S D Wankhede Mr. Suhas S Jadhav	Motofusion, Balewadi,Pune	APPPLICATION
	Shomit Ganguly					
	Dhruv Rajesh Gavande					
	Shubhangi Dattaraya Sonune					
16	Varun Yeole	Design and development of hybrid fuel cell electric 2-wheeler	Mr. A R patil	Mrs V.J. Sonawane Mr V.S.Mane	Self Sponsored	Research
	Kanishka Deshak					
	Siddhant Kasbe					
17	Mayuresh Sanjay Patil	Design and Development of sugarcane cultivator	Mr. A R patil	Mrs V.J. Sonawane Mr V.S.Mane	Self Sponsored	Design
	Abhishek Yogesh Phand					
	Rakesh Keda Bagul					
	Abhishek Vasant Ubhale					
18	JADIYE NIKHIL HARISH	Design and Analysis of Theo Mechanism	Mr. S D Wankhede	Mr. S .P. Gadewar Mr. Suhas S Jadhav	Self Sponsored	APPPLICATIO N
	KALE RUSHIKESH VAIJANA					
	BENDALE PRAFULL RAMDA					
	GARJE HRISHIKESH BABAS					
19	Tushar Shrihari Deokate	Heat Transfer Analysis of Metal Expansion Joint	Mr. S D Wankhede	Mr. S .P.Gadewar Mr. Suhas S Jadhav	Self Sponsored	Research
	Prasad Dilip Kadam					
	Rushikesh Gajanan Bodhe					
	Vishal Rajendra Patil					
20	Gaurav Shrikant Kataria	Design and Development of Two Rotor System	Mr. Suhas S Jadhav	Mr. S D Wankhede Mr. S P Gadewar	Self Sponsored	Design
	Akshay Manojkumar Mehta					
	Abhishek Manish Raut					
	Krishnakant Mallesh Idam					
21	Gaurav Dilip Balgude	Experimental Investigation of Damped Vibrations In Tall Structures With Tuned Mass Damper	Mr. Suhas S Jadhav	Mr. S D Wankhede Mr. S P Gadewar	Self Sponsored	Research
	Prashant Vithoba Chaure					
	Chetan Balbhim Gaikwad					
	Shreeyash Mahendra Bahirat					
22	Sahil Lambe	Seed Quality Estimation Using Computerized Image Analysis	Mr. K A Mahajan	Dr V N Raibhole Mr V R Varude	Self Sponsored	Research
	Shubham Ghodke					
	Siddhant Khatavkar					
	Vedant Dadhi					
23	Komalkriti Venkatesh Iyengar	Effect of Silicone Shoe Insoles on Knee Vibrations while Running	Mr. K A Mahajan	Dr V N Raibhole Mr V R Varude	Self Sponsered	Research
	Vaibhav Sopan Gore					
	Ganesh Yashwant Ombase					
	Priyal Tembhare					
24	Amruta khandu hatkar	DESIGN AND DEVELOPMENT OF FRUIT SANITIZATION MACHINE BY USING COMBINED SANITIZATION TECHNIQUE	Dr.R.N.Yerawar	Dr. S S sarwade Mr H S Salve	SELF SPONSERD	DESIGN
	Rushikesh Ravindra Naik					
	Shivam Babasaheb Gaikwad					
	Ruchita Pandit Asole					
25	Mohammadali Inamdar	Design and Performance Analysis of Electromagnetic Gearbox Transmission System	Dr. R.N.Yerawar	Dr. S S sarwade Mr H S Salve	Self Sponsored	DESIGN
	Yadnyesh Sunil Bhawasar					
	Tanmay Sanjeev Yemul					
	Dipak Raju Bhoi					
26	Mayur patil	Biogas engine performance estimation using Artificial Neural Network	Mr. H S Salave	Dr B D Nandre Mr S.R.Kandharkar	SELF SPONSERD	Research
	Ashutosh walunj					
27	Tushar Payghan	Biogas engine performance estimation using Artificial Neural Network	Mr. H S Salave	Dr B D Nandre Mr S.R.Kandharkar	SELF SPONSERD	Research
	Ankita Rajdhar Patil					
28	Swaraj Manohar Bhure	Design and development of 360 degree welding turn table with scissor height adjustor	Dr B.D.Nandre	Mrs V J Sonawane Dr R N Yerawar	Self Sponsered	Design
	Neha Sudhakar Salunkhe					
	Shubham Bharat Patil					
	Vrushabh Chaitanya Gadekar					
29	KEDAR JITENDRA MOTKAR	Study and Analyse Emissions of Diesel engine by using Bio diesel(Algae)	Dr B.D.Nandre	Mrs V J Sonawane Dr R N Yerawar	Self Sponsered	Research
	SAGAR DILIP PANDIT					
	AKSHAY DHANRAJ PATIL					
	KAPIL KISHOR KARANDE					
30	Yash Bhandari	Car detection using Python	Mr. Sushant S. Jadhav	Dr B D Nandre	Self Sponsored	Research
	Utsav Rajesh Dube					

30	Animeshsingh M Tanwar Rushikesh H Pathak	Car detection using Python	Mr. Sushant S Jadhav	Mr S.R.Kandharkar	Self-Sponsored	Research
31	Prathmesh dwarkadas patidar Harshal rajendra bhoi Tohin salim maniyar Purnesh ramakant gaikwad	Design and Development of Frequency Response Curve Test Rig	Mr. Sushant S Jadhav	Dr B D Nandre Mr S.R.Kandharkar	Self-Sponsored	Design
32	Darshan choudhari Shubham bakare Abdul mukit patil Kushal raju solanki	Mechanical Exoskeleton Arm	Mr B R Pujari	Dr A C Mitra Mr V R Varude	Self-Sponsored	Design
33	Gagan Lokhande Sushil Chavan Siddhant Naik Aniket Gaikwad	Headlights Alignment System	Prof B.R.Pujari	Dr A C Mitra Mr V R Varude	Self-Sponsored	Design
34	Ruchi Jayant Bhalerao Vaishnavi Hemant Deshpande Harshali Harshal Hivarkar Mrunalini Sudhir Kshirsagar	Failure Analysis of a Clutch Release Bearing using FEA tools and way forward to resolve the issues	Mr.S.R.Kandharkar	Mr S P Gadewar Mr V S Mane	Self-Sponsored	Design
35	Zameer Khan Shubham Sonawane Chinmay Sheth Sanjana Lawande	Smart Automated Wardrobe	Mr. S R Kandharkar	Dr B D Nandre Mr V S Mane	Self-Sponsored	Design
36	AMEYA KHEDKAR SHUBHAM LAD BHAVESH WAGHELA VAISHNAVI DESHPANDE	Comparison and analysis of properties of brake disc	Mr. V. R Varude	Dr A C Mitra Mr B R Pujari	Self Sponsored	Design
37	Rutuja Kankate Dhananjay Andhale Pratik Pawar Nikhil Kurai	Comparative study of Simple, Conical & Variable Pitch Springs to find effect of Non-linearity on Ride Comfort	Mr.V.R.Varude	Dr A C Mitra Mr B R Pujari	Self-Sponsored	Design
38	Hrushikesh Rajbhoj Harshal Taru Rahul Shinde	Study and Revamping of diesel Locomotive Air Braking System (A9)	Mr. V S Mane	Mr. A. R Patil Mr B R Pujari	indian railways	Design
39	Shivani Vitthal Pilankar Swapnil Sunil Botre Pranav Sanjay Gore	COMPARATIVE ANALYSIS OF STEEL AND COMPOSITE LEAF SPRING	Mr.V.S.Mane	Mr. A. R Patil Mr B R Pujari	Self-Sponsored	design
40	DATIR AJINKYA ASHOK SHINDE SAGAR PRAVIN SHINDE GAUTAM DASH	Design And Manufacturing Of Thermoelectric Cooler Using Peltier Plate	SP Gadewar	Mr. A. R Patil Mr B R Pujari	Self-Sponsored	Design