

Project List – Academic Year 2018-19

Sr. No.	Name of the student	Title of the project	Internal Guide
1	Aurelius Fernandes	Design and manufacturing of an automated multi-purpose trolley with stair climbing feature	Dr. K. N. Vijaya Kumar
	Valentino Menezes		
	Sagar Gowrishankar		
2	Kunj Rawani	Study of resource optimization of a construction project	Dr. K. N. Vijaya Kumar
	Daanish Rode		
	Mahesh Sakhalkar		
	Janakjit Singh Sethi		
3	Mitesh Mistry	Design and Fabrication of an electric two wheeler	Dr. K. N. Vijaya Kumar
	Kaival Nayak		
	Smit Parekh		
	Kishan Parmar		
4	Vismay Doshi	Manufacturing of material handling equipment	Dr. K. N. Vijaya Kumar
	Bhaumik Mehta		
	Sagar Marathe		
	Meet Malkan		
5	Mit Goda	Productivity optimization tools	Prof. Rajendra Khavekar
	Rushabh Bhavsar		
	Jay Bhanushali		
	Parth Gandhi		
6	Ishad Abdul Bhisti	Vibrational analysis of a single point cutting tool	Dr. Satish Taklikar
	Mahendra Choudhary		
	Anirudh Kembre		
	Akansha Ahire		
7	Divyesh Fatarpekar	Pressure Sensing Robotic Manipulator	Dr. Vinayak Khatwate
	Rahul Prabhu		
	Arsh Mhate		
	Suchit Sawant		
8	Mihir Balvally	Structural and Thermal Analysis of Dental filling Material	Dr. Vinayak Khatwate
	Raj Barot		
	Dipeshkumar Malvia		
	Abhishek Mishra		
9	Shonak Bhattacharya	Prototyping of a charging mechanism with footsteps	Dr. Vinayak Khatwate
	Mayank Jain		
	Karan Koradia		

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	Omkar Shirke		
10	Chinmay Shirodkar	Designing of Wind mill to increase its mechanical efficiency	Prof. Prasad Shirodkar
	Anuj Petkar		
	Tejas Rajebhosale		
	Sajjad Patel		
11	Aditya Bhatt	Vehicle Modelling in Simulink	Prof. Prasad Shirodkar
	Umang Madia		
	Harshvardhan Jain		
	Shaikh Mohammad Azam		
12	Manan Mehta	Analysis and Optimization of a Radiant Cooling System	Prof. Prasad Shirodkar
	Kaustubh Dedhia		
	Namita Joshi		
	Harsh Gandhi		
13	Shreyans Jain	Optimization of machining parameters in the turning operation of Inconel 825	Prof. Ramesh Rajguru
	Milan Kaklotar		
	Jaineel Desai		
	Sanidhya Mathur		
14	Rushank Sangani	Mechanical analysis of glass fiber and carbon fiber hybrid composites	Prof. Ramesh Rajguru
	Karan Shah		
	Janhavi Shinde		
	Shraddha Tripathi		
15	Akshay Shah	Design and manufacturing of a pedal operated power generation mechanism	Prof. Frank Crasta
	Shivam Raval		
	Parth Patel		
16	Venkatsai Muralidharan	Design and manufacturing of a single seater solar powered petrol electric racing kart	Prof. Frank Crasta
	Manan Shah		
	Vandit Shah		
17	Saiyam shah	Prototyping of an automated solar powered grass cutter	Prof. Frank Crasta
	Parth shah		
	Rushit Panchal		
	Tejas shah		
18	Shivani Singh	Design and manufacturing of a glass cleaning pneumatic wall climbing robot	Prof. Vyankatesh Bagal
	Maheshwari Panchal		
	Drumil Shah		
19	Nihar Modak		

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	Pratik Koli	Design, Rectification & Analysis of progressive die to reduce the rejection percentage by implementing six sigma methodology	Prof. Vyankatesh Bagal
20	Yash Shah	Design and fabrication of a cycle with increased load carrying capacity and stability	Prof. Rajnarayan Yadav
	Sachin Patel		
	Chintan Shah		
	Meet Pandit		
21	Madhav Rana	Manufacturing work cell optimisation: Design, layout and cycle time analysis for productivity improvement	Prof. Rajnarayan Yadav
	Ronish Raval		
	Harsh Shah		
	Meet Shah		
22	Shlok Bhavasar	Prototyping of a fire extinguisher equipped life-saving drone	Prof. Rajnarayan Yadav
	Mihir Kansara		
	Rajvardhan Kapadnis		
	Smith Mehta		
23	Nikunj Chauhan	To Optimize The Efficiency And Ease The Maintenance Of Window Air-Conditioner	Prof. Dhaval Birajdar
	Raj Parekh		
	Dhrumil Shiroya		
	Pratik Sondagar		
24	Chirag Chopra	Manufacturing of a Thermoelectric refrigerator	Prof. Dhaval Birajdar
	Ishali Dawoodani		
	Ankit Mistry		
	Fenil Patel		
25	Devesh poojari	Prototyping of an automated guided vehicle	Prof. Dhaval Birajdar
	Varun Shetty		
	Siddharth Singi		
26	Siddharth Saini	Design and performance evaluation of a cost effective radiant cooling system.	Prof. Vinit Katira
	Aksheshkumar Shah		
	Rohit Rawool		
	Tejas Shah		
27	Shreyas Chaware	Design and analysis of a torque converter using an electro-hydraulic system	Prof. Vinit Katira
	Vanessa Correia		
	Abhijeet Joshi		
	Harsh Maniar		
28	Jayraj Ranade		Prof. Vinit Katira

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	Rohan Salkar	Design, Analysis and fabrication of exhaust system of a formula student car	
	Omkar Samant		
	Jay Saple		
29	Sandeep Kava	Design of elliptical gearbox for industrial application	Prof. Rohit Chaurasia
	Siddharth Gopal		
	Rushabh Gupta		
	Ronak Karelia		
30	Chirag Bhadreswara	Prototyping of a pressure controlled electric skateboard	Prof. Rohit Chaurasia
	Saurabh Chauhan		
	Dhruvin Desai		
	Apoorva Dhimar		
31	Sudeep Bhaskar	Design, Analysis and Optimization of a refrigerator	Prof. Bronin Cyriac
	Shreeya Dighe		
	Apoorva Doshi		
	Ayushi Kharia		
32	Dharmendra Chaudhary	Prototyping of an automated guided vehicle	Prof. Bronin Cyriac
	Jainesh Keraliya		
	Jayesh Jain		
	Digambar Chougale		
33	Yasharaj Makwana	Design and manufacturing of a coconut dehashking machine	Prof. Bronin Cyriac
	Bhavesb Mandawade		
	Pratik Pawar		
	Karan Sawant		
34	Keyur Mistry	Design and prototyping of Cost effective Prosthetic Limbs	Prof. Greegory Mathew
	Advait Naik		
	Akash Patel		
	Vibhav Singhal		
35	Mukund Shinde	Design and fabrication of a foldable bicycle	Prof. Greegory Mathew
	Karan Tatariya		
	Subhashchand Yadav		
	Nakul Zanzari		
36	Rachit Khatri	Design and Optimization of Aerodynamic Devices of a Racecar	Prof. Karthik Ajugia
	Steven Lewis		
	Jayesh Mahamuni		
37	Swapnil Bhagat		

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	Lekh Mehta	Design and Manufacturing of Automated Hacksaw Machine using Quick return Mechanism	Prof. Karthik Ajugia
	Parth Prajapati		
38	Shreya Poojary	Prototyping of a robotic arm	Prof. Karthik Ajugia
	Bhoomi Kawa		
39	Kartik Nautiyal	Designing of a double wishbone suspension system	Prof. Shashikant Auti
	Prayank porwal		
	Atharva Sankhe		
	Divyansh Singh		
40	Rahil Modi	Automatic Fire Suppression System with distress signal emitter for automobile	Prof. Shashikant Auti
	Shaunak Pillai		
	Rahul Prajapati		
41	Narendra Bhandava	Recycling of End of Life Vehicles	Prof. Shashikant Auti
	Mitesh Parmar		
	Farhan Sayed		