

Project List – Academic Year 2020-21

Sr. No.	Name of the student	Title of the project	Internal Guide
1	Prathamesh Satam	Design of Electric Sports bike	Dr. Hari Vasudevan, Ph.D
	Rohan Ghadigaonkar		
	Bhavin Shah		
	Adrian Nunes		
2	Nisarg Paida	Fabrication of electric superbike	Dr. Hari Vasudevan, Ph.D
	Tanmay Ambre		
	Tushar Kathiriya		
	Aadish Meghani		
3	Sanford Pereira	Prototyping of an Anti riot drone with tear gas	Dr. K. N. Vijaya Kumar, Ph.D
	Shruti Haswani		
	Sucheta Kabra		
	Tanuj Nahata		
4	Darshan Rathod	Automated Inventory Control System	Dr. K. N. Vijaya Kumar, Ph.D
	Manav Rana		
	Priyesh Sanghvi		
	Ansh Vazirani		
5	Abhishek Dhotre	Design of Battery Modules for E-mobility and Energy Storage Solutions	Dr. Satish Taklikar, Ph.D
	Ameya Bhagat		
	Fenil Vanani		
	Karan Vora		
6	Adwait Sawant	Design and Fabrication of Aerodynamically Optimised Composite Controlled A-arms & Rims	Dr. Satish Taklikar, Ph.D
	Ishaan Maurya		
	Glenn Castellino		
	Jainam Gala		
7	Nirav Shah	Design and fabrication of automatic spray painting machine	Dr. Satish Taklikar, Ph.D
	Neel Desai		
	Dhruvit Patel		
	Dhruvi Panchal		
8	Ritik Joshi	Design, Fabrication and Analysis of Vertical Axis Windmill	Dr. Satish Taklikar, Ph.D
	Hridaya Oza		
	Namrata Patil		
	Moksh Gada		
9	Preet Baxi	Design & Analysis of bell parabolic de Laval rocket nozzle	Dr. Vinayak Khatwate, Ph.D
	Ritvik Jain		
	Yash Chhabra		
	Yash Dhadke		
10	Vinayak Tandon	Design and Fabrication of Acoustic Fire Extinguisher	Dr. Vinayak Khatwate, Ph.D
	Prashant Shihora		
	Parva Parikh		
	Ronak Radadiya		
11	Rajat Surana	Prototyping of waste segregation system from water	Dr. Vinayak Khatwate, Ph.D
	Ravi gupta		
	Prasid mistry		

Project List – Academic Year 2020-21

	Kaushal Lathiya		
12	Omkar Atale	Design and fabrication of Hybrid Solar-Wind Renewable Energy Generator	Prof. Prasad Shirodkar, ME, MS
	Omkar Shende		
	Rudra Mahuvakar		
	Satvik Pai		
13	Prakash Waghela	3D Printing For Medical Implants	Prof. Prasad Shirodkar, ME, MS
	Mustafa Nalwala		
	Saiel Tikam		
	Nadiya Khan		
14	Nirav Sampat	Electrified roads for charging Evs	Prof. Prasad Shirodkar, ME, MS
	Jugal Shah		
	Naman Vora		
	Prince Jain		
15	Mayur Arjune	Improvement in machining efficiency of CFRP composite component during milling operation	Prof. Ramesh Rajguru, M.E.
	Sunny Gupta		
	Dharmin Kapadia		
	Harsh Savliya		
16	Ajit Karnik	Design and Fabrication of an Electric Two-Wheel Scooter with inbuilt Energy Harvesting System	Prof. Frank Crasta, M.E.
	Mandar Mangaonkar		
	Meherdev Gudela		
	Samir Raut		
17	Bhavya Madhani	Design, fabrication and analysis of Engine Mounts	Prof. Frank Crasta, M.E.
	Manraj Chandhok		
	Devesh Parwal		
	Rhys Rodrigues		
18	Husain Dhrangadhrawala	Data analysis of local water bodies using realtime sensing along with design and fabrication of carrier	Prof. Frank Crasta, M.E.
	Akshit Ghatiya		
	Mukesh Jakhad		
	Keerthan Rai		
19	Atfan Deshmukh	Measurement of Internal Cylindricity Using Machine vision	Prof. Prashant Patankar, M.E.
	Dev Joshi		
	Kamal Kothari		
	Keval Chheda		
20	Viraj Shah	Design, Fabrication and Analysis of Thermoacoustic refrigerator	Prof. Vyankatesh Bagal, M.E.
	Mitt Godhani		
	Dhaval Raichura		
	Ronak Panchal		
21	Ayush Thakar	Design and Fabrication of subsonic Wind Tunerl	Prof. Rajnarayan Yadav, M.E.
	Aayush Shah		
	Tanvi Hodage		
	Abhishek Deshpande		
22	Aagam Shah	Design and Applications of Warehouse Management Drone	Prof. Rajnarayan Yadav, M.E.
	Daksh Vora		
	Gaurav Jain		
	Vinit Shah		
	Adhyotha Shanbagh		
23	Neel Busa		

Project List – Academic Year 2020-21

	Param Shah	Design of Vortex Turbine to generate electricity	Prof. Rajnarayan Yadav, M.E.
	Shrey Bhanushali		
	Saheb Bhomra		
24	Deven Shetty	Designing of Autonomous Assistant Robot	Prof. Dhaval Birajdar, M.E.
	Kushal Mehta		
	Devansh Patadia		
	Chintan Kansara		
25	Adeshri Chavan	Analysis of maneuvering systems used in autonomous cars	Prof. Dhaval Birajdar, M.E.
	Atharva Chavan		
	Atharva Varhadi		
	Mili Bhatt		
26	Abhay Sharma	Design and Analysis of Quad Bike	Prof. Dhaval Birajdar, M.E.
	Bharat Chandora		
	Dhwiti Jhaveri		
	Jaydeep lunagaria		
27	Umang Bhadra	Prototyping a Peltier integrated cooling/heating jacket	Prof. Vinit Katira, M.Tech.
	Tamjid Khan		
	Niketan Sharma		
	Paras Shah		
28	Parth Shah	Design and Shape Optimization of Vertical Axis Wind Turbine for Highways	Prof. Vinit Katira, M.Tech.
	Simran Gupta		
	Vedant Kale		
	Yashashree Prabhune		
29	Bhagyesh Agresar	Prototyping an autonomous Robot Trolley	Prof. Greegory Mathew, M.E.
	Harsh Mehta		
	Amaan Rajpuriya		
	Gaurav Dalvi		
30	Aaditya Salve	Design And Manufacturing of an Electric Bicycle	Prof. Greegory Mathew, M.E.
	Aakash Shah		
	Abhinav Acharya		
	Ankur Shah		
31	Akshay Brahmbhatt	Design and Development of an Air Purifier	Prof. Greegory Mathew, M.E.
	Dhairya Mehta		
	Dheeraj Jaisingh		
	Kartikeya Attavar		
32	Keval Baua	Python applied to Conduction in heat transfer	Prof. Karthik Ajugia, M.E.
	Ronak Chheda		
	Sahil Dholakia		
	Sanket Shah		
33	Nikunj Jogi	Python applied to Convection in Heat Transfer	Prof. Karthik Ajugia, M.E.
	Rushab Gala		
	Shivam Tyagi		
	Varun Pethe		
34	Naimi Bhansali	Design and Fabrication of a Mars Rover Prototype	Prof. Karthik Ajugia, M.E.
	Vipul Sarode		
35	Swapnil Mali	CNC with 3-D Printer	Prof. Shashikant Auti, M.E.
	Sagar More		

Project List – Academic Year 2020-21

	Maitri Soni		
	Rohit Yadav		
36	Dhruvin Shah	Renewable Energy type and applications	Prof. Shashikant Auti, M.E.
	Jinit Shah		
	Mandar Chalke		
	Manishkumar Jain		
37	Shabbar Hathiari	Design & Fabrication of a IoT based 3 Axis Precision Farming Bot[Smart Agricultural System]	Prof. Dhananjay Shukla, M.Tech.
	Nakul Sutar		
	Pujain Jain		
	Prajwal Wankhade		