

PROJECT DETAILS - Academic Year 2021-22

Sr. No.	Name of student	Title of Project	Guide Name
1	Harshil Suvarna	Design and fabrication of a single stage rocket	Dr. Satish Takalikar
	Hiral Shah		
	Manav Begani		
	Nainika Shah		
2	Deep Siddhapura	Design, Optimization and fabrication of Kinetic energy recovery system in a bicycle	Prof. Greegory Matthew
	Durvesh Dandekar		
	Hitarth Malnika		
	Hrishik Kanparia		
3	Meet Rathod	Design and Analysis of Remotely Operated Underwater Vehicle for Structural Inspection	Prof. Prasad shirodkar
	Amey Parab		
	Aditya Date		
	Burhanuddin Telwala		
4	Aman Chulawala	Design and Analysis of a Ventilator	Prof. Prasad Shirodkar
	Aniruddha Mallick		
	Dhaval Bhanushali		
5	Nishant Ahirrao	Design and Development of a novel pipeline inspection robot	Prof. Ramesh Rajguru
	Mamta Choudhary		
	Neha Sawant		
	Dhyey Rajani		
6	Chirag Bawle	Manufacturing of electric superbike	Prof. Shashikant Auti
	Adnan Shaikh		
	Aditya purandare		
	Ishaan Samel		
7	Gaurav Maurya	Design and Analysis of a Chainless Bicycle	Prof. Ramesh Rajguru
	Greeshma Gala		
	Jeet Loladiya		
	Kashyap Dave		
8	Lay Desai	Reduction in repair time of Air Compressor using Six Sigma methodology	Prof. Ramesh Rajguru
	Likhith Kunder		
	Sanit Angadikar		
	Swami Talekar		
9	Moksh Mehta	Manufacturing an industrial Cannister Satellite for local weather data collection	Dr. Vinayak Khatawate
	Harshil Shah		
	Gargi Bhale		
	Sahil Karande		
10	Khaish Singh Chadha	Design and Development of Autonomous Farming Robot	Prof. Dhaval Birajdar
	Krishiv Agarwal		
	Nidhi Kini		
	Ishaan Parikh		
11	Deep Gada	Fabrication of Thermoacoustic Refrigeration	Prof. Dhaval Birajdar
	Jash Shah		
	Harit Modi		
	Ashutosh Kadam		
12	Meet Bhatia	Design and Analysis of Vertical Farming System	Prof. Rohit Chaurasia
	Anant Nair		
	Keyur Bhataria		
	Amisha Salampuria		
13	Akshat D Hirpara	Design of Solar Refrigeration System	Prof. Vyankatesh Bagal
	Amar Tiwari		
	Mangesh Mishra		
14	Aayush Birla	Developing algorithm on MATLAB for tire selection	Prof. Vinit Katria
	Deep Shah		
	Manav Nagda		
	Milan Vaghani		
	Purav Gandhi		

15	Poojan Jain Akash Rathod Abdulqadir Leelwala	Design and Assembly of Food 3D Printer	Prof. Kartik Ajugia
16	Aditya Jain Aditya Devkar Bhavik Panchal	Analysis & Manufacturing of Supermileage Vehicle	Dr. K. N. Vijayakumar
17	Hardik Gandhi Indraneel Jadhav Kshitij Jaiswal Mihir Makwana	Design and Manufacturing of Supermileage Vehicle	Dr. K. N. Vijayakumar
18	Hrithik Bhatia Ayush Bhatt Dhairya Foria Mukesh Mithiya	Design and Analysis of Duct for small scale wind Turbine	Prof. Greegory Mathew
19	Prasanna Poojari Sridama Singh Trisha Rane Vihan Shah	Designing and Manufacturing a Semi Autonomous Firetruck	Dr. K. N. Vijayakumar
20	Nidhi Isloor Purvesh Kansara Raghav Biyani Shruti Jadhav	Design of an Electric Vehicle with Integrated Wind Turbine for Power Regeneration	Dr. K. N. Vijayakumar
21	Shubh Shetty Siddharth Jain Vinit Kothari Vishrut Viradia	Design and Manufacturing of Single Stage Open Differential	Prof. Rajnarayan Yadav
22	Sudarshan Gawande Gaurav Kakra Varshil Shah Shivam Kadam	Design and Fabrication of Automated Wheelchair	Prof. Greegory Mathew
23	Yash Thakkar Prathamesh Mehta Sadique Selia Rishit Gandhi	Electronic CVT	Dr. Hari Vasudevan
24	Soumil Shah Vedant Jindal Nitish Mali Smit Kothari	Design and Fabrication of All Electric Mini Injection Moulding Machine (Automated)	Dr. K. N. Vijayakumar
25	Simardeep Sethi Ved Vartak Amogh Sawant Sagar Seth	Design and analysis of the HVAC system for an IT company with integration of Industry 4.0 principles.	Prof. Dhaval Birajdar
26	Hardik Jain Tanmay Parekh Shobhit Maniar Raj Anadkat	Design Optimization and Prototyping of an Autonomous Hybrid VTOL aircraft with precision Landing for endurance based Aerial Surveillance	Dr. Vinayak Khatawate
27	Rameez Sable Shubh Padechia Nishant Thakur Sharva Potdar	Design and prototyping of automated warehouse storage lift.	Prof. Prasad Shirodkar
28	Jainam Shah Prapti Vora Nishita Mehta Rohan Devadiga	Manufacturing and Prototyping of food 3D printer	Prof. Ramesh Rajguru
29	Roshan John Sam Shome Vakharia Smit Angara Vatsal Tapiawala	Design and Fabrication of Test stand for Thrust measuring	Dr. Satish Takalikar
30	Niraj Malvi Vatsal Shah	Manufacturing of Electric Bike	Prof. Bronin Curiao

30	Shloak Yadav Tanmay Vaghasiya	Manufacturing of Electric Bike	Prof. Bronin Cyriac
31	Durvesh Deokar	Designing and Developing hydrodynamically optimal Ducted Propeller for Marine applications	Dr. Satish Takalikar
	Parth Mahajan		
	Shantanu Thorat		
	Siddharth Roy		
32	Meet Patel	Design and Prototyping of Trekking Smart Bag	Prof. Kartik Ajugia
	Ronak Gohil		
	Meet Solanki		
	Vrushabh Vora		
33	Shubh shah	Simulation of trombe wall with solar radiation	Prof. Bronin Cyriac
	Pakshal shah		
	Reena victor		
	Rushan Mavani		
34	Prashant Kadam	Energy Recovery from Waste Heat of The Engine Using Thermoelectric Generator	Prof. Vinit Katira
	Priyansh Kulkarni		
	Sameer Mayani		
	Tushar Patil		
35	Rishabh Kukreja	Design, prototyping and manufacture of a STEM toy aimed at introducing automation to children	Prof. Rajnarayan Yadav
	Sanjeet Ramteke		
	Vaishnavi Nambiar		
	Sanchit Gujran		
36	Atharva Patil	Design and Fabrication of Exo-skeleton	Dr. Hari Vasudevan
	Shreevardhan Suryawans		
	Nimish Mayekar		
	Parth Amal		