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Kharghar, Navi Mumbai - 410 210.

**Department of Mechanical Engineering**

BE Project List  
 Academic Year 2022-23

Project Group No.	Name of Student	Project Title	Guide
1	Gaurav Santosh Vanave	design and analysis of v8 engine	Prof. D. D. Baviskar
	Satwik Deepak Ghadigaonkar -		
	Pranav Jitendra Mane		
	Sanskar Bhosale		
2	Aniket Arun Shintre	Design and comparison of different disc break pattern using FEA analysis	Prof. D. D. Baviskar
	Rahul Revannath Sonavale		
	Pranav Anaji Pujare		
	Mohammad Kaif Riyaz Siddiqui		
3	Swapnil Sunil Sawant	Design and Analysis of aerodynamic components of FSAE vehicle	Prof. D. D. Baviskar
	Chanakya Kailashchandra Meher		
	Ankit Balkrishna Pandji		
	Mandar Sanjay Waghambare		
4	Mohammad Yameen Siddiqui	Design and Fabrication of Indirect Evaporative air Cooler	Prof. Sunil Jankar
	Nitesh Dhananjay Bandarapu		
	Manthan Chandrakant Vaidya		
	Arbaz Aziz Mirde		
5	Adesh Bamugade	Design and Fabrication of Oxygen Concentrator for use in Healthcare and Industrial Sector.	Prof. Sunil Jankar
	Rohan Kadave		
	Vishal Karande		
	Mohd Ejaz Siddiqui		
6	Vedant Vijay Gundekar	Design and Analysis of Formula vehicle Chasis	Prof. Sunil Jankar
	Taamir Sadiq Khalfe		
	Vidhyesh Sunil Kamble		
	Sahil Dwarkanath Patangrao		
7	Sahil Atul Bhagane	Design and Fabrication of beach cleaning machine	Dr. Madan Jagtap
	Jitesh Hanuman Bhoir		
	Vinit Shivshankar Giri		
	Prajyot Janardan Gorivale		
8	Pratik Santosh Chalke	Flow, Simulation & Performance analysis of Cenrifugal pump	Dr. Madan Jagtap
	Ruchir Atmaram Bachim		
	Yash Sanjay Kadam		
	Avinash Ravindra Pawar		
9	Gaurav Rajaram Shitole	smart swab testing robotic arm	Dr. Madan Jagtap
	Jivraj Ashok Nalawade		

9	Vaibhav Prajapati	Smart Swab Testing Robot arm	Dr. Madan Jagtap
	Saravanan Kartik Mudliyar		
10	Rohit Pandurang Goykar	Design, Development & Fabrication of multiapplication solar drier	Prof. Madhukar Sorte
	Shekhar Sudhakar Ghadi		
	Prasad Vilas Ghadi		
	Omkar Anant Jadhav		
11	Burte Aryan	Design and analysis of Gear and its Optimization using ANSYS- A case Study	Prof. Madhukar Sorte
	Dalvi Aryan		
	Chaube Anupam		
	Dhone shardul		
12	Ashish Vijaylal Yadav	Optimization in pipe transversing rover	Prof. Madhukar Sorte
	Suraj Mastram Sharma		
	Akash Ramyash Yadav		
	abhijit Balchandra Satpute		
13	Abutalha Azizurrehman Khan	android controlled robotic arm(using bluetooth)	Prof. Madhukar Sorte
	Asjad Irfan Khan		
	Mohammad Shadab Asifali Khan		
	Zaidullah Zameer Khan		
14	Sameer Abdul Kadar Khan	Application of AHP- Value Engineering in selection of alternate resin based furniture	Prof. Paramjit Thakur
	Vaishnavi Navnath Andhale		
	Harshad Deepak Mhatre		
	Mayur Rajendra Buriwar		
15	Kazi Abubakar Aweyz	Development of Micro Environment suitable for silk farming	Prof. Paramjit Thakur
	Bhavesh Anil Nagpure		
	Karan Rajendra Karnekar		
	Rohit Daulatram Nautiyal		
16	Sujit Sunil Gurav	Development of aeroponic system for higher economic crops	Prof. Paramjit Thakur
	Harshal Dilip Mhatre		
	Jayesh Kashinath Patil		
	Gaurav Nanasahab Shinde		
17	Shravan Shrikant Kudalkar	Experimental investigation and modeling study in AWJ cutting of Ti-6AL-4V	Prof. Paramjit Thakur
	Yash Dnyandev Mahale		
	Pranay Rajesh Lade		
	Mayur Laxman Tambe		
18	Shadman Kalam	Design and Development of Charcoal making machine: A prototype	Prof. Paramjit Thakur
	Suved Shinde		
	Swapnil Sunil Shinde		
	Atish Shriram Shilkar		
19	Ketan Sameer More	manufacturing of mycelium based vegan leather	Prof. Mugdha Dongre
	Vishal Sudhir Nare		
	Sairaj Vishnu Naik		
	Pradhyumn Suresh Nair		
20	Vedant Ravindra Borse	Experimental investigation and prediction of multiple responses in Wire EDM	Prof. Mugdha Dongre
	Milind Janardhan Bhoje		
	Shubham Pradip Sarang		

	Aditya Appasaheb Rahane		
21	sayed wasil aslam	automated wheel chair	Prof. Mitali Mhatre
	Arbaz rajjak rakhange		
	kaushik Ramesh bhosale		
	deepak j sawant		
22	Moatasim Jawed Ahmed Momin	solar crane	Prof. Mitali Mhatre
	Tausif Qureshi		
	Khan MD Arslan		
	Qazi Hadi		
23	Manvesh prakash desale	NON CONVENTIONAL DOOR BASED POWER GENERATION SYSTEM	Prof. Mitali Mhatre
	Aditya gurunath Koli		
	Mohit Damodar Mali		
	Ajay Raosaheb mhaske		
24	Piyush Subash More	Design and Fabrication of fiber extraction machine	Prof. Pramod Deshmukh
	Ayush Yashwant Meshram		
	Yogesh Maheshkumar Naik		
	Pranay Shridhar Mhatre		
25	Raj Sunil tole	Design and Fabrication of automatic grain cleaning machine	Prof. Pramod Deshmukh
	Shubham laxman pagar		
	Chetan mangesh parave		
	uday vithal madake		
26	Shubham Santosh Aher	Design & Fabrication of Parabolic Solar Steam generation	Prof. Pramod Deshmukh
	Santosh Sukhdev Karande		
	Aakash Ravindra Wakkar		
	Shubham Suryakant Pandit		
27	Yash Arvind Gaikwad (L)	fabrication of solar air conditioning system	Dr. Madan Jagtap
	Faraz Nazir Hamdulay		
	Sahil Uday Jadhav		
28	Gaini Ephraiam Joseph	design and load estimation solar air conditioning system	Dr. Madan Jagtap
	Mahadik Rahul Pramod		
	Golam Rhushikesh Vishwanath		
29	sahil warude	Characterisation and Fabrication of Pineapple Fibre Reinforced with Epoxy Resin	Prof. Sreejith
	sujay Bhaskar		
	Prathamesh Araskar		
	Kedar Bhambid		
30	Shobhit Ravindra Koli	Design and fabrication of sewage waste water treatment plant for sustainable agriculture	Prof. Amol Bhagat
	Vedant Somnath Gaikwad		
	Hrutik Ramesh Gangurde		
	Kiran Babasaheb Gaikwad		
31	Gawandi Ateeb Shabbir	Industrial Monitoring Robot with Dashboard for Remote access	Prof. Amol Bhagat
	mohd Zubair khalid fodkar		
	VICKY KUMAR RADHAKRISHNA PR		
	Omkar Bhalchandra Khamkar		
32	Yash Ramesh Patil	Development of NFT, biofilter and pumping system in	Prof. Pramod Maurya
	Ritesh Bhalchandra patil		

32	Nihal Sharad patil	and pumping system in aquaponic	Prof. Pramod Maurya
	Bhavesh Chandrakant patil		
33	Abhijeet Tukaram Sangle	Structural design and stress analysis of Aquaponic system	Prof. Pramod Maurya
	Prathamesh Prashant Pawar		
	Pratima Mhatre		
	Yash Ajay Patil		
34	Shivam Yashwant Tikone	design and analysis of air preheater in two wheeler	Prof. Nilesh Chanewar
	Pradip kashiram Sathe		
	Parth Chandrakant Patil		
35	Shubham patil	Portable mini sand mixer	Prof. Nilesh Chanewar
	Ashish suryawanshi		
	Kunal pawar		
	Rohit mohite		
36	Shruti Sangle	Experimental investigation and modeling in AWJ cutting of clay based Material	Prof. Paramjit Thakur
	Yash Barhanpurkar		
	Adnan Janjeerkar		
	Vinay Chilukamari		
37	Sarvesh Shinde	Investigation on adultration of diesel effecting engine components	Prof. Akshay Koli
	Animesh Sonawale		
	Lalit Swami		
	Vipul Pashte		
38	Tejas Tanaji Kawde	Investigation of Li ion battery module for cooling system with thermal software	Prof. Akshay Koli
	Subodh Pradeep Holkar		
	Zahid Zakir Ansari		
	Omkar Shantaram Ghawali		
39	Sagar Suryawanshi(drop)	Solar powerd sprayer for agriculture	Prof. Akshay Koli
	Rahul Rajendra Sawant		
	Janaid Javed Shaikh		
	Sohel Nizamuddin Shaikh		
40	Ashish Shahilal Chavan	Solar Powered Automatic Irrigation System	Prof. Amruta Patil
	Suraj Manoj Ghosalkar		
	Aaditya Gawade		
	Anandu thulasi dharan		
41	Krunal Madhukar Malunjkar	Design and development of sewage water treatment plant	Prof. Megha Korde
	Siddhant Devidas Parab		
	Wazid Azad Qureshi		
42	Adesh Deepak Ahire	Design and Fabrication of Food Dispenser Machine	Prof. Vikram Patil
	Shreyash Santosh Jadhav		
	Samarpan Pradeep More		
	Sushilkumar Sadanand Naidu		
43	Sarvesh Jagannath Ajgaonkar	predicting fair car value using machine learning algorithm	Prof. Narendra Waghmare
	Aniruddha Mangesh Ambre		
	Mayur Adsule		
	Siddhant Ashok Ambavale		
	Ninad Prashant Hatiskar		

44	Devavrat Satish Moghe	Study and analysis of alternate materials for fuel tank	Prof. Megha Korde
	Roshan Mohite		
	Varun Vinod Thakur		