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Kharghar, Navi Mumbai - 410 210.

Department of Mechanical Engineering

BE Project List

Academic Year 2020-21

Project Group No.	Name of Student (First Name Middle Name Last Name)	Project Title	Guide
Mech 1	Prathmesh Umesh Bakkar	Design, Construction and performance testing of Radio Controlled Glider	Prof. Prasanna Raut
	Abhishek Jagannath Shankpal		
	Kulkarni Sushil shripad		
	VEKHANDE SHREYAS KUNDALIK		
Mech 2	BORDE ANIKET DILIP	Design and Analysis of Composite Material(S-Glass) Heat Exchanger	Prof. Madan Jagtap
	Prathamesh Sandeep Chindarkar		
	Chintan Dattatray Chougule		
	Dhanraj Sampat Kakade		
Mech 3	Rahul Dilip Bhalke	Design and Fabrication of growbed for bulb and shooting plants in Aquaponics	Prof Paramjit Thakur
	Rohan Mahesh Dharkar		
	Pravin Sopan Gund		
	Abhishek Vakoji Patil		
Mech 4	Himanshu Gosavi	Arduino based Automatic Soil Moisture Monitoring System	Prof. Pramod Deshmukh
	Ahire Sagar Dinkar		
	Vivek Bhondivale		
	Kishan Kumar Panchanan Mandal		
Mech 5	Yogita Chaudhari	Design and Optimization of automatic glass cleaning robot	Prof. Madhukar Sorte
	Shruti Jha		
	Priyanka Kushwaha		
Mech 6	Akshay Madhu Bhurkud	Breaking system in two wheelers using air break	Prof. Sreejith Sreenivasan
	Gupta Sanjay		
	SAGAR SHIVAJI DADAS		
	Sagar b khade		
Mech 7	Ninad Ade	Value engineering analysis in furniture industry:a case study of jute based resin table	Prof Vishal Bhagat
	Vinay vinod bhalerao		
	PATIL SHUBHAM RAMESH		
	Aditya C Ugalmugale		
Mech 8	Ritesh Nanaji Bhamare	Process Parameter Optimization of friction stir welding for copper & Aluminium	Prof. Mithali Mhatre
	Raturaj Sunil Bhoir		
	Piyush Ghansham Dhake		
	Akshay Prakash kamble		
Mech 9	Tejas Vikas Damle	Designing of semi autonomous rocker Bogie Mechanism Robot	Prof. Devakant Baviskar
	Nishant Dattaram Dhanawade		
	Saurav Millind Ghole		
Mech 10	Rohit Tukaram Dorage	Design And Fabrication of electric weeder of 4 blade	Prof. Sreejith Sreenivasan
	Shubham Gharat		
	Aniket Nandkumar Khilari		
	Kamalesh Aniruddha Pandhare		
	Punit pravin bhanushali		

Mech 11	Pritam Suresh Chavan	Application of evaporative cooling in indoor mushroom farming	Prof Paramjit Thakur
	Akash yuvraj pawar		
	Amit Pawar		
Mech 12	Jha Shivam	Manually operated ECO-Friendly Road and floor Dust cleaning machine	Prof. Mugdha Dongre
	Khan Shah Fahad		
	Khedkar Prathamesh Wasudeo		
	Momin Avez Aslam		
Mech 13	Mitesh vitthal abhale	Design of an ventilation and air conditioning system for a commercial building using Air cooled chiller	Prof Sunil Sopnur
	Vivek Vinayak Abhale		
	Aditya Yashwant Jadhav		
	Sahil Sadanand Patankar		
Mech 14	Shaiban s khatib	Manufacturing of E-Bike	Prof. Amol Bhagat
	Devesh Pandey		
	Shubham Chandrakant Chavan		
Mech 15	Aditya Kalokhe	Value engineering analysis in furniture industry:a case study of jute based resin table	Prof Vishal Bhagat
	Aakash Maruti kadam		
	Varun Deepak Patel		
	Vinay prakash jadhav		
Mech 16	Siddhesh Dumbre	Fabrication of semi autonomous rocker Bogie Mechanism Robot	Prof. Madhukar Sorte
	shwetaanjali mahajan		
	yash jadhav		
Mech 17	Aniket Dangle	Design and optimization of dual operative bicycle	Prof. Madhukar Sorte
	Chetan Pitambar Nemade		
	Enoch Dmello		
	Shubham Kailas Thorat		
Mech 18	Mohit Sopan Bhangale	CNC Router Cutting Machine	Prof. Prasanna Raut
Mech 19	Nigade Sanket Madhukar	Mechanical Ventilator	Prof. Devakant Baviskar
	Bhamre Suraj		
	Bind Suraj Ramparika Bhagmani		
	Parte Ashish Sampat		
Mech 20	PRAJWAL PRAKASH JADHAV	Automated Drain/Gutter Cleaner project	Prof. Mugdha Dongre
	Sachin Kodadur		
	Atharva Sudhakar Matkar		
	SALKAR BHUSHAN ASHOK		
Mech 21	Harshal Shantaram Buva	Fabrication and characterization of biocomposite materials	Prof. Sreejith Sreenivasan
	Mrunal chandrakant Dalal		
	Vaishnavi Sudhir Jadhav		
	Raj Chandrashekhar Vaity		
Mech 22	Abhishek Shailesh Gharat	Making of automatic liquid soap dispenser with automatic tap water and dryer	Prof. Pramod Deshmukh
	Krishna Murari Kumar		
	Ankit Madan Patil		
	Vineet Prakash Vartak		
Mech 23	Denis Hariprasad Mahajan	Design and fabrication of electric bike.	Prof. Devakant Baviskar
	Swapnil Mali		
	Vinayak Rajesh Pachupate		
	Mihir Ravindra Sakpal		
Mech 24	Neha Mahadev Atakari	Automated Beach Cleaner	Prof. Mugdha Dongre
	Gauri Laxman Parab		
	Dnyaneshwari Pandurang patil		

	Kavita Baban Shinde		
Mech 25	Aniket subhash Helgaonkar	Design and analysis of water generator from humid air	Prof. Pramod Maurya
	Mayuresh Narendra Patil		
	Rakesh Ramdas pawar		
	Aadesh Jayant Shelar		
Mech 26	Bhushan Deepak Jagtap	Solar operated cycle	Prof. Nidhi Singh
	Aishwarya patil		
	Tigade Kundan Shivaji		
	Swastik Anant Patil		
Mech 27	K.karan kumar	Ground and utility disinfector	Prof. Prasanna Raut
	Anudnya Pachpatil		
	Tejas Umesh Parkar		
	Uddhav Sopan Shelke		
Mech 28	Roshan ashok raut	Solar Vehicle in agriculture purpose with AI Technology	Prof. Prasanna Raut
	Bidyapati sahu		
	VIJAY KRISHAN THAKUR		
	Saurabh Sandesh Shinde		
Mech 29	Nikhil Vitthal Bade	Design of 3D printing Machine	Prof. Devakant Baviskar
	Sagar dinkar gaikar		
	Toke Aditya Sanjiv		
	Abhay Kumar Yadav		
Mech 30	Omkar khirari	Fabrication of Air-Conditioning suit	Prof. Madan Jagtap
	Tejas sandip pawar		
	Kumbhar Hemant Suresh		
	Akash ashok mane		
Mech 31	Shefali Suryakant More	Calculation of heat load and system selection for commercial building	Prof Sunil Jankar
	Vikas Natha Patil		
	Prathamesh Yashwant Brid		
	Jayesh liladhar mahajan		
Mech 32	KHAN MOHD SHADAB ABDUL LATIF	Design of an air conditioning system for a commercial building	Prof. Sunil Jankar
	NIKITA RAJU CHAVHAN		
	TUSHAR SURESH LUTE		
	SHAILESH KUMAR MAURYA DHARMRAJ		
Mech 33	Shivani gautam gade	Industry project design	Prof. Madhukar Sorte
	kajal sunil salunkhe		
	Chavan Rajhans Namdeo		
	Rushikesh Hindurao Jagdale		
Mech 34	Akash G Katkar	Design and fabrication of hydraulic mini fork lift	Prof. Devakant Baviskar
	Swapnil sunil sonawane		
	Shubham Suresh Tandel		
	Samiksha satish kamble		
Mech 35	BHAVYANSHU RAJENDRA KADU	Prediction of multi response performance index in AWJ by ANN	Prof Paramjit Thakur
	SIDDHESH DAYANAND PATKAR		
	Abhay Manoj Tripathi		
	Venna Venkata Mahendra Reddy Srinivasulu Reddy		
Mech 36	Shubham shankar Shinde	Innovative design of HVAC system for a building complying to the COVID-19 safety norms.	Prof. Sunil Sopnur
	Punitesh Suresh Poojary		
	Harshada Ramchandra Phepade		
	Kedar Ravindra Daunde		

Mech 37	vinay rajesh kadam	DESIGN OF CUSTARD APPLE DESEEDING MACHINE	Prof Madan Jagtap
	Prakash Sohanlal Choudhary		
	NIRAJ RAM KAKADE		
	SHARMA RAHUL SUNIL KUMAR		
Mech 38	Gaurav Mane	Design & Fabrication of autonomous tire pressure self inflating system with arduino monitoring system	Prof. Pramod Maurya
	Vaibhav Parshuram Ghade		
	Granthika Mangesh Kirve		
	Nilesh vishnu samant		
Mech 39	Sayyed Danish Ali Jafar Ali	Corrosion Analysis by Acid Concentration in Oil & Gas Pipelines	Prof. Sagar Kadu
	Maaz Muhammed Arif Pawney		
	Shaikh Sumair Faiz Ahmed		
	PAGARKAR ABDULMATEEN IQBAL		
Mech 40	Rohit Vilas Andhale	Design and fabrication of biofilter and piping in aquaponics farming	Prof Paramjit Thakur
	Hitesh Sanjay Thakare		
	Akshay Deelip Satpute		
	Harshal Dhandrut		
Mech 41	Thavi Srusthi Santosh	Design study and fabrication of soil less vertical farming system using aerophonic method	Prof. Sandeep Jadhav
	HAWARE SOHAM NITIN		
	THAKUR HARSH MAHADEO		
	NIRGULE CHAITANYA BALKRISHNA		
Mech 42	Aniruddha Prakash Wagh	Fabrication of 3D printing machine	Prof. Madhukar Sorte
	Vivek mohan kute		
	Akash Dinesh Howal		
	Shaikh Armaan Mansur		
Mech 43	GHARAT RAHUL NARAYAN	Future tree wind & solar energy harvester for college campus	Prof. Sandeep Jadhav
	MISTRY JAYESH PITAMBAR		
	RUNAL BHOJANE		
	Satyawan Shivaji Garale		
Mech 44	Omkar Ravindra Chivelkar	Techno-economic analysis of using geothermal heat exchanger for cooling purpose :In College seminar hall	Prof. Madan Jagtap
	Nikhil Sanjay Dhivare		
	MOKASHI TEJAS SUNIL		
	Yash Santosh Bhoir		
Mech 45	Ankita Ganesh Ethape	Comparative study of E-Vehicle with simulation and analysis of regenerative braking	Prof. Mithali Mhatre
	Chandrakant Bhalchandra Nanoskar		
	Shubham Yashwant Porji		
	Nayana Govind Sakpal		
Mech 46	Omkar Ramesh Karanjavakar	Fabrication of adaptive head lamp system	Prof. Nilesh Chanewar
	Tejas Rajaram Kate		
	Sushant Laxman Kotawade		
	Pranit Sunil Tondvalkar		
Mech 47	Lokesh Bapu Patil	Design and fabrication of Water waste interceptor using VAWT	Prof. Devakant Baviskar
	Prathamesh N. Patil		
	Ajay Dineshkumar Rathod		
	Shivam Suraj Sati		
Mech 48	Viraj ravikant kadam	Application of lean manufacturing in food and beverage industry	Prof. Mugdha Dongre
	Rahul Tanaji sutar		
	Mayur Deepak Panchal		
	AKSHAY BHAIRU VARANDE		
	Omkar Chendwankar	Conceptual design study and analysis of	

Mech 49	Nayan Dayanand Kamble	conceptual design study and analysis of optimized eVTOL for urban mobility with dynamics and control simulation on MATLAB	Prof. Amol Bhagat
	Siddesh Pardeshi		
	Shraddha Dipak Pawar		
Mech 50	Sumit Chavan	Dissertation report of manufacturing of wood engraving cnc machine'	Prof. Nalini Deepthi
	Sharad Tanaji Jadhav		
	Bhavin Dharmesh Kale		
	Ketan Balkrishna Pawar		
Mech 51	Karunesh Ravindra Pawar	Design & fabrication of dual side shaper machine using scotch yoke mechanism	Prof. Madhukar Sorte
	Mohit vaidya		
	Anup Rajmane		
	Mayur Yuvraj Shingle		
Mech 52	TEJASKUMAR SAWANT	Design and construction of double acting tie rod hydraulic cylinder based on pascal law	Prof. Sagar Kadu
	Dhananjay kailas patil		
	Aditya Sawlaram Jadhav		
	Prasad Pradip Rasam		
Mech 53	Sarvesh bhosale	Fabrication and characterization of orange peel reinforced bio composite	Prof. Sreejith Sreenivasan
	Utkarsh Shukla		
	SINGH DHEERAJ JITENDRA		
	kathe vikrant virendra		
Mech 54	PANKAJ ANANT MANDADKAR	Fabrication of Custard apple deseeding machine	Prof Madan Jagtap
	PANJHADE DINESH PANDHRI		
	PATIL SHUBHAM SHANTARAM		
	Dhiraj Pramod Zambare		
Mech 55	Naik Jay Nivas	Selection of alternate potential material for cost reduction in PPE Manufacturing: A value engineering approach	Prof Paramjit Thakur
	Shelar Shriyash Shrihari		
	Shingade Nisha Baba Saheb		
	Tirmare Suraj Sudhakar		
Mech 56	Aditya Ahire	IOT based Intelligent Rover for Sanitization	Prof. Nalini Deepthi
	Nitesh Bharat Thakur		
	Shubham Kishor Gawande		
	Mangesh Baburao Sarwale		
Mech 57	Shital aakash jadhav	Frictionless breaking system	Prof. Madhukar Sorte
	Pratiksha Prakash Kajare		
	PRATIKESH AMAR PATHARWAT		
	Bhalerao suyojita shantaram		
Mech 58	KASHID SWAPNIL	INCUBATOR (Egg hatching machine	Prof. Devakant Baviskar
	KHARAS NAITIK		
	Rahul Prakash Yadav		
	NARENDRA NISHAD		
Mech 59	Siddhesh Sharad Vichare	ventillator prototype by using Arduino uno	Prof. Mithali Mhatre
Mech 60	Sameer More	Electric power generation from foot step using ic555	Prof. Madhukar Sorte