

**BE Projects: Academic Year 2020-2021**

Group No	Roll No	Project Group	Guide	Topic
1	2426	Madhusudan Bhosale	Dr Sanjiv M Sansgiri	Design and Development of E-Scooter Module for Retrofitting
	2443	Sahil Uttekar		
2	2415	Ashish Kumar	Dr Sanjiv M Sansgiri	Product Re-engineering for Weight and Cost Optimization
	2422	Jatin Verma		
	2441	Sachin Kumar		
3	2446	Sanjay Yadav	Prof RS Verma	Heat Transfer Analysis of Perforated Fins Heat Sink using Forced Convection Condition
	2447	Sanket Hegde		
	2449	Shubham Kumar Singh		
4	2403	Abhay Singh	Prof RS Verma	Design Optimization of Frame of Drone using Generative Design
	2424	Kumit Yadav		
	2457	Vishal Konde		
5	2408	Akhand Pratap	Prof YV Patel	Enhancing Active Cooling of LED light sources by utilizing Different Types of Shrouds and Fins
	2429	Mohit Choudhayr		
	2451	Tarun Rawat		
6	2444	Sandeep Joshi	Prof RS Godse	CFD Analysis and Optimization of Winglets
	2453	Vikas Metchu		
	2455	Vishal Nayak		
7	2442	Sahil Parashar	Prof VR Kulkarni	Optimising Power Density of AC Induction Motor using Liquid Cooling for performance Electric Vehicles
	2431	Mohit Siwach		
	2430	Mohit Singh		
8	2402	Abanheer Vandra	Prof RB Patil	Design and Development of Portable Mechanical Ventilator
	2412	Ankesh Singh Bhadouria		
	2413	Ankit		
9	2406	Abhishek R Nambiar	Prof RB Patil	Design Modification of Gymnasium Machine: LAT PULLDOWN for Power Generation
	2407	Aditya Singh		
	2411	Amal Narikodan		
10	2404	Abhinandan Singh	Dr UV Awasarmol	Effect of Different Parameters on Performance of Elbow Draft Tube

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	2420	Himanshu Singh		
	2425	Kunal Padwal		
11	2405	Abhishek Dwivedi	Dr UV Awasarmol	Design and Analysis of Heat Pipe with Multiple Evaporators
	2418	Gaurav Singh		
	2423	Kavita Kumari		
12	2421	Hitender Singh	Dr JD Patil	Flutter Based Wind Energy Generation
	2428	Manpreet Singh		
	2438	Rajnish Kumar Mishra		
13	2427	Mahesh Prakash Jadhav	Dr JD Patil	A Solar Desalination System using Humidification-Dehumidification Process
	2440	Sachin Patil		
	2460	Chaitanya Dhondge		
14	2410	Alok Kumar	Prof PV Dorlikar	Design, Analysis and Fabrication of Full Suspension Electrical Bicycle
	2419	Hemanth Rathee		
	2433	Naveen Singh		
15	2416	Ashish Kumar	Prof RB Gurav	Fluid Flow and Heat Transfer Analysis of Laterally Perforated Finned-Heat Sink
	2417	Asmit Kumar Samal		
	2435	Prathamesh Pramod Chavan		
16	2434	Pitambar Panda	Prof RB Gurav	Fluid Flow and Heat Transfer Analysis of Pin-Fin Heat Sink with Inclined Wings
	2436	Priyanshu Dayal		
	2456	Vishal Singh		
17	2445	Sandesh Karki	Prof YV Patel	Fatigue Analysis of Roller Bearing used in Two Wheeler Wheel
	2450	Suresh Kumar		
	2461	Amit kumar		
18	2409	Akshat Singh	Dr PM Purohit	Comparative Study between Slab and T-Shaped Heat Exchanger Fins Basket Weave Pattern
	2437	Rahul Bhaskar		
	2439	Rashi Kundalia		
19	2401	Aakarsh Dwivedi	Dr SM Gaikwad	Multi Objective Optimization of Heat Sink
	2414	Aashik TM		
	2448	Shiwam Kumar		

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20	2432	Narendra Kumar Sharma	Prof MB Phatangare	Augmentation of Tensile Behavior and Cryogenic Performance of Additive Manufactured Stainless Steel by Virtue of Peening Methodology
	2458	Yash Shendokar		
	2459	Yogesh Pachouri		
21	2452	Vaydaant Mahajan	Prof AA Ramgude	Analysis of Face Guard for Cricket
	2454	Vikas Yadav		

Prof RB Patil  
Professor and BE Project Coordinator

Dr Sanjiv M Sansgiri  
Professor and Head