



**ARMY INSTITUTE OF TECHNOLOGY**  
Dighi Hills, Alandi Road, Pune 411015  
Department of Mechanical Engineering



**BE Project List: Academic Year 2021-22**

Group No	Roll No	Project Group	Guide	Topic
1	2425	Hemant Singh	Dr Sanjiv M Sangsiri	Apparatus for floating waste removal and backend disposal
	2430	M Deepak Kumar		
	2431	Mangesh Shivaji Jadhav		
2	2405	Alok deep	Dr Sanjiv M Sangsiri	Design and development of hyperloop inspired firearm apparatus
	2410	Anjali Sharma		
	2424	Harshvardhan Shekhawat		
3	2441	Pranav Menon	Prof RB Patil	Design and development of projectile irrigation system
	2446	Rajvir Singh		
	2462	Vishal		
4	2419	Deepak Kumar	Prof RB Patil	Design and development of automatic door opening and closing system
	2428	Kashi Nath Singh		
	2434	Manjeet Singh Saini		
5	2461	Vartika Poonia	Dr UV Awasarmol	Automatic motorbike stand slider
	2402	Abhishek Pal		
	2437	Naveen Singh		
6	2454	Shivam Singh	Dr UV Awasarmol	Design and development of wrong way road barricade.
	2455	Shravan Kumar		
	2458	Sushant Gaikwad		
7	2404	Akash Dahiya	Prof RS Verma	Thermal performance of horizontal cylindrical heat sink with longitudinal perforated plate fins in natural convection
	2406	Aman Singh		
	2422	Gagan Yadav		
8	2407	Amit Kumar	Prof RS Verma	Effect of riblets on tube axial fan performance
	2408	Amit Kumar Jha		
	2413	Bhagat Singh Bisht		
9	2409	Aniket	Prof VR Kulkarni	Heat transfer enhancement with cfd simulation of twisted ribs used for fluid mixing in pipe and tubes
	2403	Ajay Choudhary		
	2445	Rahul		
10	2416	Chetan Bhal	Prof VR Kulkarni	Material selection for road vehicles chassis using finite element analysis
	2417	Chetan Sirsikar		
	2453	Shiva Charak		
11	2433	Manish Kumar	Dr JD Patil	Design and fabrication of cycle for training support and recovery from physical injuries.
	2442	Pranjal Singh		



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	2421	Devansh Rai		
12	2432	Manish Kumar	Dr JD Patil	Design and fabrication of mini channel for cooling of concentrating photovoltaic solar.
	2463	Vishal		
13	2460	Tajinderpal Singh	Prof PV Dorlikar	Development of Vertical Axis Wind Turbine
	2429	Kiran Wawre		
14	2420	Deepti Kale	Prof RB Gurav	Experimental, Numerical and Analytical study on forced convection heat transfer in pin fin heat sink (PFHS) with wings.
	2440	Pooja Singh		
15	2439	Noel Sovy	Prof RB Gurav	Numerical and Analytical study on CPU Heat Sink Cooling by Micro Pin Fins.
	2464	Vivek Krishnan		
	2449	Sahil Ghaywat		
16	2401	Abhishek shukla	Prof YV Patel	Testing & Analysis of Optimized lower Control Suspension Arm
	2418	Cindher K P		
	2459	Sushant thakur		
17	2436	Naveen Gaur	Dr PM Purohit	Design and Analysis of Alloy Wheels
	2444	Pravendra Rana		
	2456	Suraj Kekan		
18	2411	Arvind Singh Bohra	Prof SM Gaikwad	CFD simulation of liquid-to-air membrane energy exchangers (LAMEE): Flat plate exchanger effectiveness
	2426	Kanchu Tarun		
	2438	Nikhil Tiwari		
19	2414	Bhasker Singh Bisht	Prof SM Gaikwad	CFD simulation of microchannel Heat Exchanger Using Parametric Optimization.
	2447	Rishabh Singh		
	2448	Sachin Singh		
20	2457	Surya Prakash Gurjar	Prof AA Ramgude	Manufacturing of Power Generation through Rail Track
	2451	Sandeep Gurjar		
	2435	Mukesh Kumar Hudda		
21	2423	Harshit Pandey	Prof MB Phatangare	Design of Drainage cleaning system
	2412	Asit Kumar Ray		
	2427	Kapil Dev Sharma		
22	2450	Sakshi Patil	Prof RS Godase	6dof Robotic Arm using Arduino
	2415	Bhriugu Sharma		
	2452	Shinde Suyash Deepak		