

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

BE Project Groups AY 2022-23
Final Guide Allotment for Project Title Registration

Sr No	Faculty Name	Gr No	Roll No	Student Name	Prospective Project Titles
1	Dr. Umesh V Awasarmol	G1	2412	Atul Kumar	Experimental Verification of Heat Transfer Enhancement using Rectangular Discrete Fins
			2418	Ishani Das	
			2422	Keshav Saini	
2	Dr. M Lokesha	G2	2402	Abhishek Kumar	Automatic Fault Diagnosis in Gears using Vibrational Analysis and AI Concepts
			2417	Harsh Kumar	
			2454	Varun Kumar	
3	Prof. R S Verma	G3	2453	Vaibhav Kumar Chaudhary	Experimental and CFD Analysis of Cylindrical Heat Sink with Plate Fins
			2452	Uday Kiran	
			2438	Puneet yadav	
			2429	Monu Yadav	
4	Prof. Vinay R Kulkarni and Prof. Pankaj V Dorlikar	G4	2439	Rahul Choubey	Design and Development of Prosthetic Hand
			2444	Rohit Kumar	
			2403	Abhishek Kumar Meel	
			2428	Mayank Singh Dhanik	
5	Dr. J D Patil	G5	2423	Ketan Kumar	Design and Development of Arduino based 2D Drawing Robot
			2425	Manish Kumar	
			2456	Vipin Kumar	
			2411	Arpit Singh	
	Dr. J D Patil	G6	2415	Daki Sravani	Design and Development of Pick and Place Robot to pick-up specific coloured object using Machine Learning
		2443	Rinku Gabhane		

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6	Dr. Pritee Purohit	G7	2409	Anurag Singh	Air Purifier and Humidifier using Water as a Filter
			2424	Mandeep	
			2432	Nitin Ramesh Mate	
			2450	Tejas	
7	Prof. Pankaj V Dorlikar	G8	2437	Priya Kumari	Design, Development and Manufacturing of an Intelligent Social Pet-bot
			2430	N Pawan Kumar	
			2420	Kanapaka Prema Kumar	
			2451	Tentu Venkata Sai Kumar	
	Prof. Pankaj V Dorlikar	G9	2401	Anchal Gupta	Image-based CAD Model Generation of Bird using Machine Learning and its Analysis
			2416	Gourav Singh	
			2433	Prakash	
			2455	Vedangi Pathak	
8	Dr. R B Gurav	G10	2410	Arindam Dey	Experimental Investigations on Thermal Performance of Pin-Fin-Heat-Sink with wings
			2407	Ankit Kathait	
			2446	Saheel Kumar	
			2421	Kartik sharma	
9	Prof. Y V Patel	G11	2408	Ankit Kumar Ranjan	Design and Development of Electric Operated Self-Balancing Vehicle
			2419	Jatin Niganiya	
			2426	Manish Singh Sikarwar	
			2436	Preet Rathi	
10	Prof. S M Gaikwad	G12	2448	Subham Singh	Investigation on Forced Convection Heat Transfer using Trapezoidal Shaped Min-Channel Heat Sink
			2434	Prateek Shukla	

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11	Prof. Anand A Ramgude	G13	2404	Alok Singh	Experimental Investigation of Flag as a Vortex Generator for Heat Transfer Enhancement
			2405	Aman Singh	
			2427	Mayank Yadav	
			2457	Vishal Kinge	
12	Prof. M B Phatangare	G14	2441	Rajyog Tiwari	Experimental Investigation of Wear and Friction properties of Gray Cast Iron for different loading conditions using Wear and Friction Monitor
			2449	Surya Pratap Singh	
			2447	Setan Singh	
13	Prof. Rajesh S Godse	G15	2445	Rohit Kumar Bohra	Design and Development of Window Cleaning Robot
			2414	C Phanendra Kumar	
			2431	Nishant Singh Rana	
			2406	Anil Yadav	
14	Dr. Laxmikant Jathar	G16	2435	Pravin Manik Yadav	Design and Development of Portable FDM Filament Generator using Recycle Plastic Waste
			2413	Azaj Shaikh	
			2440	Rahul Sharma	
			2442	Rajveer Singh	