

Department of Mechanical Engg

B E (Mech): Project Groups : 2012-13

Project Titles

Group No	Roll Nos of students	Names of students	Name of guide	Title of Project	Sponsor, if any
1	2418	Jasbir Singh	Prof R S Verma	Augmentation of heat transfer across heated cylinder using circular winglets in forced convection	In house
	2414	Devesh Pandit			
	2411	Ashwani Yadav			
	2445	Sandeep Shekhawat			
2	2458	Kedar Chaudhary	Prof P V Dorlikar	Design & development of manipulator arm for cylindrical object handling	R&DE (Engrs) , Pune, DRDO Lab
	2460	Mohan Singh Dabas			
	2454	Vikram Subramaniam			
3	2401	Abhishek Soni	Prof U V Awasarmol	Experimental investigation of convective heat transfer through permeable fins	In house
	2457	Yogesh Pilia			
	2449	T Harihara Sudhan			
4	2462	Karthik N	Prof R S Verma	Augmentation of heat transfer in parallel flow over a heated circular cylinder by creating perturbations	In house
	2461	Anand Kumar			
	2459	Manoj Kumar			
5	2442	Sachin Rai	Prof A M Gadade	Stress analysis of Anti - symmetric composite laminates subjected to In – plane loading	In house
	2441	Ravindra Sujikar			
	2439	Ravi Rana			
	2437	Rajender Kumar			
6	2438	Ravi Kumar	Prof A M Gadade	Stress and deflection analysis of different types of symmetric composite laminates subjected to In – plane loading	In house
	2440	Ravinder			
	2428	Nitin Thomas			
	2450	Trilok Singh Karki			

7	2407	Ankur Singh	Prof Y V Patel	Experimental investigation of delta wing vortex generator on flat plate	In house
	2410	Ashish Tripathi			
	2420	Naveen Kulhari			
8	2424	Navin Yadav	Prof S M Gaikwad	Comparative study of dimple plate and vertex generator for heat transfer & its enhancement	In house
	2425	Neeraj Sahoo			
	2429	Pallavi Shishodia			
	2455	Vipin Dwivedi			
9	2404	Alok Sharma	Prof R B Gurav	Heat pipe based experimental set up and its demonstration	In house
	2434	Prem Bhati			
	2415	Gaurav Bhatt			
10	2408	Anurag Pachahara	Prof D A Zanpure	Thermal mode and optimization of refrigerator condenser	In house
	2413	Deepak Sharma			
	2433	Prateek Tomar			
	2431	Pankaj Bhadoria			
11	2406	Ankon Bhattacharya	Prof D A Zanpure	Study on Payload support system	DRDO, Pune
	2409	Ashish Negi			
	2432	Parvinder Singh			
	2444	Salil Chand			
	2456	Vishal Antil			
	2421	Lakhvinder Singh			
	2430	Pankaj Andola			
12	2446	Sanjay Bisht	Prof J D Patil	Experimental study of axial heat transport mechanism due to reciprocating flow in a plain tube	In house
	2443	Sahil Grover			
	2423	N S Prasun			
	2416	Gopal			
13	2435	Rahul Tiwari	Prof A A Ramgude	Experimental verification of heat transfer enhancement in a square plate with V shaped dimple	In house
	2453	Vikas Sharma			
	2422	Manoj Khatana			
	2403	Ajit Singh			

14	2426	Neerav Rana	Prof V R Kulkarni	Comparative study of experimental investigation of inline and staggered dimple plates	In house
	2448	Sumit Raghav			
	2451	Utkarsh Yadav			
15	2463	Jeetender Singh	Prof V R Kulkarni	Washer (Punching & blanking) die	In house
	2464	Akshat Bansal			
16	2419	Jitender Singh Bisht	Prof Preeti Purohit	Augmentation of heat transfer through hot surface casing air as fluid	In house
	2452	Vijendra Kumar Singh			
	2412	Atul Tripathi			
	2436	Raj Hans			
17	2402	Aishwarya Singh	Prof P V Dorlikar	Design of biomimetic autonomous underwater vehicle	National Institute of Oceanography Ponda, Goa
	2427	Nikhita Kumar			
	2405	Amit Kumar Singh			
	2417	Jagendra Yadav			
18	2447	Sonali Niranjana	Prof P V Dorlikar	Design of biomimetic aerial vehicle	NAL, Hyderabad
	2456	Vishal Antil			
	2421	Lakhvinder Singh			
	2430	Pankaj Andola			

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HOD (Mech)