



BE (Mechanical)
Project List: 2018-19

Group No	Roll No	Project Group	Guide	
1	2449	Sandeep Anadan	Dr Sanjiv M Sansgiri	Data Analysis using Machine Learning and Node Computing
	2442	Rahul Raj C		
2	2430	Mohammad Sagare	Dr Sanjiv M Sansgiri	Design of Prototyping of Powered Exoskeleton Arm for Mechanical Advantage
	2458	Varon Miranda		
	2435	Nitish Shaju		
3	2416	Tushar Bhande	Dr Sanjiv M Sansgiri	Design, development and Prototyping of “ BJ Urja” Trailer
	2461	Vivek Sahil		
4	2436	Parvesh Kumar	Prof RS Verma	Natural and Experimental Investigation of Natural Convection Heat Transfer From Vertical Cylinder with Modified Annular Fins
	2437	Pranav Prabhakar		
	2453	Shivam Dasila		
5	2446	Rewat Ram Bhuwal	Prof RS Verma	Study of Natural Convection from Vertical Cylinder with Branched Fins
	2412	Arjit Ghosh		
	2441	Praveen Kumar		
6	2421	Gurpreet Singh	Prof RB Patil	Design and Development of Cryogenic Globe Valve
	2410	Ansul S Gupta		
	2440	Pratik Pandey		
7	2402	Abhishek Shukla	Prof RB Patil	Design and Development of Translating Mechanism for Ceiling Fan
	2427	Mayank Singh		
	2433	Nepolian		
8	2462	Chilukuri Prithivi	Prof VR Kulkarni	Design of Special Purpose Drilling Machine for Aluminum Wheel Rims
	2422	Himanshu		



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9	2417	Deepak Singh	Dr UV Awasarmol	Design and Development of Wheel-chair based on Rocker Bogie Mechanism
	2418	Gagan Sharma		
	2420	Gourdhan Singh		
10	2405	Akshay Tyagi	Dr UV Awasarmol	Heat Transfer Enhancement using Metal Foam in Rectangular Channel
	2426	Manoj Kumar		
	2450	Satish Kumar		
11	2425	Madhurima	Dr JD Patil	Design, Development of Paddy Planting Mechanism
	2407	Anamika Shukla		
	2451	Savita Kumari		
12	2438	Prateek Agarawal	Dr AM Gadade	Global Sensitivity Analysis of Laminated composite Beam
	2434	Nirmal Kumar		
	2447	Rohit Bhatt		
13	2401	Abhinav Kumar	Prof PV Dorlikar	Design, Analysis and Fabrication of Modular Multifunctional Machine
	2414	Ashish Tanwar		
	2404	Aditya Udit Singh		
14	2431	Narender Singh	Prof RB Gurav	Fluid Flow and Heat Transfer Analysis of Pin-Fin Heat Sink (PFHS) with Splitter
	2432	Neelesh Chandra		
	2454	Sumit Kumar		
15	2411	Aritra Saha	Prof YV Patel	Solar Powered Agri – Seeding and Ploughing Robot
	2429	Mohit Sharma		
	2459	Vikash Yadav		
16	2408	Ankit Kumar	Dr PM Purohit	Heat Transfer Enhancement with Wavy Delta Wing Vortex Generator
	2409	Ankit Mishra		
	2423	Jagpratap Singh		



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17	2456	Suryakant	Prof SM Gaikwad	Experimental and Numerical Investigation of Flow and Temperature in Minichannel
	2460	Vivek Mishra		
	2406	Amit Singh		
18	2448	Sachin Deivedi	Prof MB Phatangare	Optimization of vehicle passive suspension system of a half car model for rid comfort using advance optimization technique
	2452	Shivam Mishra		
	2457	Tanuj Saini		
19	2424	Kunesetti Vamsi	Prof RS Godse	Kinematic modelling and analysis of semi active suspension for quarter car using PID controller
	2444	Rajveer		
	2415	Avinash Bhamu		
20	2403	Abhishek Singh Rana	Prof DA Zanpure	Heat transfer Enhancements in Pipes using Insert
	2428	Mihir Bhatt		
	2443	Rahul Ravindra Singh		
21	2413	Arti Mundel	Prof DA Zanpure	Comparitive Study of Natural Convection Heat Transfer Characteristics from Cylinder at Various Angular Orientations
	2455	Surendra Sunda		
	2463	Mahendra Singh Kandari		
	2464	Naveen Singh Thakur		
22	2439	Pratik Kumar	Prof AA Ramgude	Heat transfer Enhancement With Flag as Vortex Generator
	2445	Ravindra Himatsingh Shekhawat		