

List of publications by the students

NAME OF AUTHOR(S)	RESEARCH PAPER TITLE
Shourya Sharma	Fatigue failure analysis of low pressure Steam turbine blade
Luv Goel	Analysis of Compression Ignition Engine's outputs, along with environmental and economic implications of Petrol, Diesel and other major alternative fuels.
Nishant Kumar, abhilash Anand, satender yadev	Power generation using piezoelectric materials
Aditya Kumar	Braking System Of Aircraft
Rishabh Aggarwal, Ishan Gupta	Design and Analysis of Electromagnetic wheel
Ankit Singh, Vatsal Panthri, Atishya Jain , Dhruv Walia, Ankit Saxena	Improvement in Mechanical Properties of Aluminum Metal Matrix Composite- A Review.
Arjun Singh, Arpana Kumari, Ashita Verma , Gaurav Bhadula, Tanishq Arora	Review on 3D Printing Technology (2015-2020)
Tabish Akhtar, Priyangam Gogoi	3D Printer with AI
Naman Raj	Web Based Voice Robotic Controller
Punya Prasun Sharma, Md. Khalid Mustafa, Gaurav Satija	Side stand alarm system
YASH VERMA, ANIRUDH V	Social Robotics and HRI
Omar Dunn	ELECTROLYTIC CONDUCTIVITY SENSOR
Mayank	Impeller using Computational Fluid Dynamics
1. Vibhor Seedhar;2. Vishant; 3.Vishank Saini; 4. Vinayak Dubey	Fixed wing UAV recovery system using line suspended between two bars for automatic medical delivery system
Joel Verghese	Optimizing oxygen concentrator device for quick, surplus and emergency oxygen supply
1)Romir Chaudhary 2)Karan Chopra 3)Mayank Arora 4)Ravindra kumar	Review and Study of Biogas Generation
1.Saurav Singh 2.Someshewar Sahai Sinha 3. Ashish Gupta 4.Shreyansh Jain	Electrolytic Conductivity Sensor For Cornering of Two Wheeler
Samyak Jain, Manu Singh Chahal	Modular Drone Experimental Vehicle
Tanishq Gautam, Jitesh Kumar, Abhishek maurya, Dev Mathur, priyank Gautam, Aditya Ojha	Evolution in Mars Rover
Jyoti Prakash Raj, Basant Kumar Singh, karan Goswami, Love Chouhan, preet singh Rawat	Gear housing and Gear Design
Aditya Pokhriyal	Design and Analysis of noninvasive ventilator
1)Romir Chaudhary 2)Karan Chopra 3)Mayank Arora 4)Ravindra kumar	Review and Study of Biogas Generation
Aniket Dagar, Padam Dang, Raghav Bahal, Mr. Nitin Sehra(Co-author)	Analysis of disc brake
Nitish Trikha, Shyam Sharma, Shivam Sharma, Sourav Singh, Awdhesh Poddar	A Computational Approach to Design & Optimization of shell & tube Heat Exchanger
Prateek Saxena, Nikhil Parashar, Abhishek Thakur, Utsav Singh, Bharat Sharma	Project VaSu: A Wind-Solar Hybrid
Shikhar Sharma, Madhur Tyagi, Asif, Shivam Chauhan, Mudit Pandey	Cloud Storage
Parth Vashishtha, Sparsh Banga, Tushar Gupta & Mr.Awdhesh Poddar	A study of an eco-friendly refrigeration system using domestic LPG
Anmol Sandhu, A.R. Skandan, Awdhesh Poddar	Modelling and Analysis of Centrifugal Pump Impeller using Computational Fluid Dynamics

Mohd. Faizan, Akshit ,Dhruv, Gaurav	Scope of machine learning in mechanical engineering
Anjali Naagar, Ankit Kumar, Keshav Kumar Jha, Mukul Kumar Nim, Prabhakar , Shivam Kumar, Tanweer Faisal, Varun	Fabrication of an Electric Bike for Single Occupant
Ayush Bhardwaj, Deepak Yadav, Sourabh Gupta, Sanjeev Kumar	Designing of Human Powered Vehicle



Dr. Deepak Bhardwaj

HOD - ME