



Global Meet on Advances in Design, Materials & Thermal Engineering
[GMADMT-2018]
11th & 12th Jan 2018

Date: - 12/01/2018

Theme: Mechanical Engineering

Location: Drawing Hall (Second Floor)

Session In-charge: Prof. Sreejith/ Prof. Janak Suthar/ Prof. Ashish Bandewar

Time: 10.00am

Sr No	Authors	Title
1	Chetan Sahane Shubham Mhatre Sanmay Kasbale Vishal Katkar Ganesh Jadhav	Optimization of multi leaf spring using composite material
2	Suraj Temghare Aditya Phadtare Praful Thokale Akshay Sonawane Ganesh Jadhav	Reliability Enhancement of Rotary Equipment Using Vibrational Analysis As A Tool
3	Bharati Parmar Sachin Rajput Pankaj Sanap Dr. Fauzia Siddiqui	Designing of a Three-Wheeler Electric Vehicle
4	Archit Patil Ankita Bais Kalpesh Dhawale Avinash Bobade Paramjit Thakur	Effect of material Properties on Abrasive Water Jet cutting of Ti-6Al-4V
5	Rohit Wadate Vinay Lokhande Aniket Pise Rahul Nehete Dr. Fauzia Siddiqui	Fabrication of 3 Wheeler Electric Vehicle
6	Sanket Tambe Sagar Topale Prathmesh Waghpanje Mayur Wahval Abhijeet Ranveer	Electric Power Generation By Shoes
7	Ashish Kumar Ashutosh Mishra Prathmesh Mane Shyam Maurya Geeta Karmarkar	Generation of electricity using speed breaker by application of rack and pinion
8	Indrajeet Agrahari Akshay Kulkarni Sandip Khade Aditi Pandit Prasanna Raut	Detection of Crack in Beam by Vibrational Analysis And Artificial Neural Network: A Review
9	Shubham Shinde Vaibhav Chavan Sairaj Berde Dinesh Pargunde	Design & Fabrication of Automatic Shielded Metal Arc Welding On Mild Steel Plate
10	Siddhesh Vichare	Productivity improvement in luggage industry

	Shraddha Chougule Vivek Mote Shivani Nawale Mitali Mhatre	
11	Prasad Agivale Prashant Kamble Akshay Bhagit Vinay Nikam Madan Jagtap	Fabrication of portable thermoelectric cooler
12	Mukesh Mehta Mrugen Kambli Abdul Fahim Khan Prasanna Raut	Design and fabrication of multipurpose wood machining device
13	Mayuresh Shirke Nitin Madhavi Prayag Kharpade Mustaq Ahmed Shaikh Ashish Bandewar	Battery Charged Power Cycle
14	Mahesh Rathod Ranjit Pavane Pankaj Padwal Akash More Madan Jagtap	Integrated Bike Safety System
15	Deepak Patil Anjali Sonawane Saurabh Khetade Sankesh Sable Abhijeet Ranveer	Design and Fabrication of a Portable Mini Refrigerator
16	Vrushabh Hande Swapnil Gole Kunal Chavan Chinar Deshpande Sonali Rath	Small hydro power plant in building water tank
17	Shekhar Pansare Rahul More Sanket Pandire Divyesh Suryawanshi Mitali Mhatre	To Optimize the Design and Fabrication of Footstep Power Generator Using Rack And Pinion Method
18	Bipin Jadhav Akshay Jadhav Akash Chougule Ajinkya Jadhav Sandeep Jadhav	Design and Fabrication of Garlic Pre-Heater
19	Hitesh Patil Pranit Patil Rohan Patil Tushar Saste Sachin Solanke	Failure Analysis and Optimisation of Universal Joint Yoke Subjected By Torsion and Shear
20	Tushar Patil Rohit Yadav Abhishek Mandhare Mahesh Saggam Ankul Pratap Singh	Performance Improvement of Regenerative Braking System



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1	Shailes Dubey Sachin Dinkar Vinayak Bhingardeve Sandeep Chavan Ankul Pratap Singh	Evolution of Domestic Refrigerator by Using LPG as Refrigerant A Review
2	Sejal Bonde Rohan Patil Nitesh Bagde Rahul Bangar Vitthal Chormale	Analysis of 3D printed Object
3	Satyam Kholgadge Sagar Mhaskar Pankaj Jadhav Rahul Kamble Sonali Rath	Design and Fabrication of Oil Skimmer with Electrolysis Process
4	Swati Vibhute Apurva Dhoble Durgesh Gajare Amol Kadam	Design and Fabrication of Automatic Stamping Machine
5	Kuldip Kakade Videet Kamble Pooja Chauhan Priyanka Chavan Dinesh Pargunde	Design & Fabrication of Universal driving wheel with forklift application
6	Akshay Borkar Shubham Gawde Sameer Bukane Dr. Fauzia Siddiqui	Manufacturing a bicycle delivering power equivalent to an automobile with the help of gear trains and chain drives
7	Amey Dhuru Rohan Gosavi Suraj Chopade Asgharali Syed Yogesh Dhumal	Optimization of Cycloidal Gear Reducer by Instantaneous Centre Method (ICR)
8	Sarthak Lahane Ankush Doltade Anurag Dwivedi Amol Bhagat	Design and Development of Solar Powered Weeding Machine
9	Kamlesh Singh Nitesh Agawane Vinayak Shinde Ganesh Chavan Ashish Bandewar	Adsorption Air-Conditioning Of Automobile Using Waste Exhaust Gases
10	Prasad Jadhav	

	Saket Gawale Ganesh Mane Nilesh Dubey Amol Kadam	Thermo-Mechanical Design of High Temperature Experimental Setup
11	Vinayak Singh Gaurav Jawale Gayatri Rasal Pratiksha Shinde Amol Kadam	Study and Fabrication of Automatic Multipurpose Gardening Machine
12	Roshan Solse Vighnesh Patil Rahul Sule Nikhil Tambe Sreejith Sreenivasan	Development of Waterless Solar Panel Cleaner in Arid Areas
13	Sulekha Dhoke Mahadev Nimbale Komal Nikale Rushikesh Anap Sreejith Sreenivasan	Study and Development of Automatic Retractable Bridge for Disabled People
14	Ashish Pal Avinash Sahani Krishna Shukla Swapnil Shinde Ashiwini Mate	Design and Modification of Camless Engine
15	Alok Bendale Abhishek Chougule Amol Gade Rohit Lade Madhukar Sorte	Design and Fabrication of Self-balancing Electric Bike
16	Anand Haldive Aaviraj Mehetre Chinmay Naniwadekar Sagar Pardeshi Sachin Solanke	Experimental and Theoretical Investigation on Notched Specimens Life of Different Material by Experimental and Analytical Method
17	Ashay Pawaskar Aniket Patil Jatin Wadnerkar Bhavesh Pawar Prashant Ingle	Solar Powered Go-Kart
18	Akash Wable Deepak Sapkale Nikhil Pardeshi Pratik Patil Sachin Solanke	A Review on Invention and Development of Metal Matrix Composite (MMC)
19	Nihar Toraskar Smitesh Mhatre Gunjan Rahi	Design and Development of Automatic Electric Parking Brake System
20	Onkar Sawant Hrushikesh Patil Chetan Mane Samshad Anasari Vitthal Chormale Santosh Wankhede	Extraction of Water from Atmosphere