



Shri Ramswaroop Memorial Group of Professional Colleges
Department of Mechanical Engineering

Details of Paper Published by Faculty

S. No.	Paper Title	Author Name	Year of Publication
1	Multi-Objective Optimization of Electrochemical Cut-off Grinding Process of Ti-6Al-4V using PCA based Grey Relational Analysis	Er. Sunil Kumar Yadav	2020
2	Optimization of machining parameters during the ECCDG of inconel 718 using PCA based grey relational analysis	Er. Sunil Kumar Yadav	2020

Details of Paper Published by Students

S. No.	Paper Title	Author Name	Faculty/Gauide Name	Year of Publication
1	DESIGN AND FABRICATION OF 3D PRINTER	Ativya Gupta Garima Harshit Srivastava	Er. Sunil Kumar Yadav	2021
2	DESIGN AND DEVELOPMENT OF TRI-STAR WHEEL ROVER	Arpit Yadav, Ankit Singh Chauhan, Anup kr. Pandey	Er. Sunil Kumar Yadav Er. Vivek Agnihotri	2021
3	Design and Analysis of airbag System for Two wheeler Vehicle	Ashutosh Singh, Daniya Ahmed, Kanak Lata Tiwari	Er. K K Yadav	2021
4	Fabrication and Analysis of Parabolic Concentrated Solar Water Heater with Solar Tracking System	Gaurav Pandey, Amit Kumar Singh, Shivanshu Kumar	Er.Vivek Agnihotri Er. Mayank Kumar	2021
5	Possible Magneto-Caloric materials - NiF ₂ reinforced composite and Boron reinforced composite	Sonali Rai Shivangi Singh	Er. Vivek Agnihotri	2021
6	Design and Fabrication of Power Generation through Speed Breaker	Vishal Gupta, Vishal Singh, Akhilesh Kumar	Er. Vivek Agnihotri	2021
7	DESIGN, SIMULATION AND FABRICATION OF SMART PORTABLE AIR CONDITIONER	Himanshu George	Er.Vivek Agnihotri Er. Mayank Kumar	2021