



MANAV RACHNA UNIVERSITY, FARIDABAD

Sector 43, Aravalli Hills, Manav Rachna Campus Rd, Faridabad, Haryana 121004

Mr. GIANENDER KAJAL

Designation: Assistant Professor

Qualifications: M.Tech, Ph.D.(P)(Mechanical Engineering)

Email: gianender@mru.edu.in

Experience: 10 Years

https://scholar.google.com/citations?hl=en&view_op=list_works&gmla=&user=uJJ7xloAAAAJ



Research Interest: Non-Conventional Machining Process, Incremental Forming

+ Journal & Conference Publication Details:

1. Navdeep Singh & Gianender, "USM for hard or brittle material and effect of process parameters on MRR or surface roughness: A review" International Journal of applied Engg. research, Vol. 7, No. 11, ISSN 0973-4562, (2012), pp.1642-47
2. Ajit, Mandeep Bhadana, Gianender, Rinki Yadav, "Occupational health hazards of welding workers: Piping Industry Perspective" International Journal of Emerging Trends in Science and Technology, Volume 4, Issue 09, September (2017), pp.6039-46, I.F-4.219.
3. Pramod Yadav, Ajay Kumar Agarwal, Pradeep Kumar Mouria, Gianender, Dr. Rakesh Kumar, "Reverse Engineering on Process Cycle Time in a Medium Scale Industry – Data Anthology" International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 5 Issue XI, November 2017, pp.196-202, I.F-6.8
4. Rinki Yadav, Jai Prakash Sharma, Gianender, Rekha Yadav, "Prediction of Mechanical and Wear Properties of Al-6061/MoS₂ (Molybdenum Disulphide) Composites" International Journal of Innovative Research in Science, Engineering and Technology, Vol. 6, Issue 8, August 2017, pp.15839-849, I.F-7.089.
5. Kuldeep Singh, Gianender, Ajay Kumar Agarwal, Ajit & Rinki Yadav, "Effect of Dielectric fluids used on EDM Performance: A Review", International Journal of Emerging Technologies in Engineering Research (IJETER) Volume 5, Issue 10, October (2017), pp.10-16, I.F-4.225
6. Tarun Tiwari, Ajit, Gianender, "A Review of Working Fluid Combinations used in Diffusion Absorption Refrigeration Technologies" IJRASET, Volume 05, Issue XI, November, 2017, pp.2105-2111, I.F-6.887
7. Sneha Sirohi, Gianender, "Optimisation of die sinking EDM parameters on Al6061 composite" National conference on recent trends in engineering, Technology and Management for sustainable development, Aug. 2013
8. Mahesh Pandey, Ashutosh Pandey, Ajit, Gianender, "Electricity generation using vertical axis wind turbine: design and development, International Journal of Advance Research in Science and Engineering, Vol. No. 06, Special Issue No. (02), Dec. 2017, pp. 234-44.
9. Paras Mittal, Gianender, Rinki Yadav, "Wear Behaviour of Aluminium 7075 based Composites Reinforced with SiC, Red Mud and Al₂O₃, International Journal for Research in Applied Science &

10. Rekha Yadav, Gianender, Rinki Yadav, "Process Parameter Selection for Optimizing the Weld Pool Geometry of Stainless Steel (SS 202 & SS 316) of the TIG Welding using Taguchi Method" International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue IV, April 2018, pp.2674-83
11. Rekha Yadav, Gianender Kajal, "Process Parameter Selection for Optimizing the Mechanical Properties of Stainless Steel (SS 202 & SS 316) in the Gas Tungsten Arc Welding" International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 6 Issue IV, April 2018, PP.2684-95
12. Pratibha Malik, Astha Sharma, Gianender, J.P. Sharma, "Textiles for protection against Electromagnetic Radiations: A review" International Journal of Engineering Research and Application (IJERA), Vol. 8, Issue 6 (Part -III) June 2018, pp 32-37.
13. Joginder Singh, Dr. M.R.Tyagi, Ajit Katiyar, Gianender Kajal, Rinki Yadav, "DESIGN AND MANUFACTURING OF A HOLDING FIXTURE TO TEST THE TENSILE STRENGTH OF A FLAT SPECIMEN" International Journal of Applied Engineering Research, ISSN: 0973-4562, Research India Publications.
14. Shivam, Motiur, Manjeet Singh, Gianender "A review on friction stir welding" National Conference ON Global Congress on Biotechnology, Nanotechnology, Energy and Environment conducted on April 25-26th, 2018 held at DCRUST, Murthal (Haryana)
15. Gianender, "A review on effect of process parameters on submerged arc welding for joining steel grades specimen" International Conference on NEWTON, 08-10th June, 2018 at Seemant Institute of Technology, Uttarakhand, India
16. Himanshu Garg, Karan sehgal, Rahul Lamba Gianender Kajal, "REVIEW ON EFFECTS OF WELDING PARAMETER ON TIG WELDING OF AUSTENITIC STAINLESS STEEL, International conference on FLAME, 03-05th Oct, 2018 at Amity University, Noida (UP)
17. Mohit Solanki, Gianender, "Review on Chassis Reinforcement & Design, National Conference on Emanations of Sustainable Technologies in Engineering, Science, Management and Education (ESTESME-2017) on 01 April, 2017 by Mechanical Engineering Department at Manav Rachna University, Faridabad(Haryana, India)

+ Administrative Responsibilities:

Admission Associate Head of department

Air Falcon CLAN Member

Feedback Coordinator

Mentor of ME-SMA students

BoS Member-MED

+ Expert Talk Delivered

Invited as a guest speaker in “ to Talk on “**Engineering Graphics with AutoCad**” on 23rd july 2018 in Govt. Polytechnic Faridabad for women

+ Event Organized(Conference/Seminar/FDP/Workshops

Conducted workshop on 3D Printing on 15th Jan2020. at Manav Rachna University.