

Gaurang Deep (Mechanical Engineering)

Soft Skills: Solid Edge , MS office

Specialization

M.Tech: Manufacturing Technology

Ph.D: Polymer Matrix Composite

Area of Interest

Research: Design and Production Engineering

Participated - In Specialized Training / Certified Courses:

1. FDP on "Innovations and Research Trends in Mechanical and Production Engineering" (from 25/04/2016 to 29/04/2016)
2. FDP on "Applied Thermodynamics" from 01/08/2016 to 05/08/2016.\
3. NPTEL on line certification course on "Manufacturing Science and Technology-I and II" (Jan-April 2018)
4. Solid Edge ST10 Certified Associate I and Associate II (June 2018)
5. NPTEL on line certification course on "Non Conventional Energy Resources" (Jan-April 2019)
6. FDP on "Industry 4.0 : The application of Artificial intelligence and Mechatronics" (From January 20 - 24 2020)

Publication - Books / Chapters / Papers / Articles / Blogs:

Conference paper = 7

Journal Paper = 5

1. "Effect of Electrochemical Techniques of Hard Coating on Friction and Wear Properties of Light Metal Alloys: A Review", International Conference on Academic Research in Engineering, Management and Information Technology (ICAREMIT-2015), MJPRU Bareilly.
2. "Investigation and analysis for Mechanical Properties of Aluminium Silicon Carbide Composite", International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753, Volume 5, Issue 9, 2016.
3. "Fabrication and Mechanical Characterization of Al Based Metal Matrix Composites" 2nd National Conference on Technological Innovations in Mechanical Engineering, "TIME-2017", Shri Ram Murti Smarak College of Engineering & Technology, Bareilly, 8th April-2017.
4. "Micro-structural examination of composite nano-material developed in designed and fabricated cold static compaction chamber", International Journal for Research in Applied Science and

Engineering Technology, ISSN: 2321-9653, Volume 4, Issue X, October 2016

5. "Design and analysis for developing an efficient centrifugal clutch used in automobile to minimize the deteriorating effects", International Journal of Innovative Research in Science, Engineering and Technology, ISSN: 2319-8753, Volume 5, Issue 9, 2016
6. "Fabrication of aluminium matrix composite reinforced by SiC nano particles for enhancing its mechanical characteristics", International Journal for Research in Applied Science and Engineering Technology, ISSN: 2321-9653, Volume 4, Issue X, October 2016
7. "Modeling and Analysis of Machine Tool Bed With Composite Material: A Review", 2nd National Conference on Technological Innovations in Mechanical Engineering, "TIME-2017", Shri Ram Murti Smarak College of Engineering & Technology, Bareilly, 8th April-2017.
8. "Optimization Turning Process Parameter on CNC Lathe by Taguchi Method", 2nd National Conference on Technological Innovations in Mechanical Engineering, "TIME-2017", Shri Ram Murti Smarak College of Engineering & Technology, Bareilly, 8th April-2017.
9. "Investigation Of The Process Parameter And Their Influence On The Mechanical Properties Of Friction Stir Processed Surface Composite: A Review" international conference on mechanical innovative & Emerging trends (December 04-05,2018)
10. "Fabrication and Characterization of PVA based films cross-linked with Citric Acid", 4th International Conference on Advanced Production and Industrial Engineering (ICAPIE'19) (December 20 – 21th, 2019)
11. "Thermo-Gravimetric Polyvinyl Alcohol Laminate Composites Reinforced with Cotton Fiber" , National Conference On Developments in Renewable Energy & Future Trends in Mechanical Engineering DREFT-2020 February 27, 2020
12. "Fabrication and Characterization of PVA Based cross-linked film with Oxalic Acid" , International Conference of Advance Research and Innovation (ICARI-2020) <http://ssrn.com/abstract=3567161>