

Prof. Neha Gupta



Area of Interest:

Production and Industrial Engineering, Quality Management, Six Sigma, Lean Manufacturing

Education

- Ph.D. Pursuing (2020), Babu Banarasi Das University, Lucknow.
- M. Tech. (2013), Integral University, Lucknow.
- P. G. D. M. (2010), Amity University, Noida.
- B. Tech. (2009), M. P. E. C., Kanpur/U.P.T.U.

Academic/Industrial Experience

- Program Coordinator (D0) and Assistant Professor, Mechanical Engineering, BHOTM, Lucknow, 2020 Till Present Date.
- Assistant Professor, Mechanical Engineering, BHOTM, Lucknow, 2013-2020.
- Lecturer, Mechanical Engineering, BIT, Kanpur, 2009-2010.

Selected Publications

1. Neha Gupta, Arjita Bhattacharjee, Adhish Ullah, M D Samim, Durgesh Dwivedi, Deepak Yadav (2021), Review on Thermoelectric Air Conditioning Systems: Applications and Technology, *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)* 16 (1), 07-18 (Impact factor-8.02)
2. Neha Gupta, Indrjani Mishra (2019), Advanced Genetic Algorithm and ANN Based Surface Roughness, *Journal of Emerging Technologies and Innovative Research (JETIR)* 6 (6), 513-517 (Impact factor-7.55)
3. A. S. Gangwar, A. Srivastava, Neha Gupta, Rajan (2017), Experimental Study of Distortion in Butt Welds of Mild Steel Plates and Its J1 Plates Having Different Thickness and Weld Groove Systems, *Journal of Mechanical and Civil Engineering* 14 (3), 31-80 (Citation-4, Impact factor-8.02)
4. S. Singh, N. Gupta (2016), Analysis of Residuals in Metal Inert Gas Welding of Two Dissimilar Metals, Mild Steel and Stainless Steel, *Journal of Mechanical Engineering and Civil Engineering* 13 (3), 94-113 (Citation-4, Impact factor-8.02)
5. Neha Gupta, Rajbhendra Singh (2014), Evaluating thickness requirements of fracture specimens in predicting characteristic distance (L_C) using 3D FEM, *International Journal of Technical Research & Applications (IJTRA)* 2 (1), 56-72 (Impact factor-4.39)
6. Neha Gupta (2013), A study based on design of air compressor intercooler, *International Journal of research in Aeronautical & Mechanical Engineering (IJRAM)* 1 (7), 186-203 (Citation-4, Impact factor-6.39)