

Research Paper Published by Faculty Memebbers

DEPARTMENT OF MECHANICAL ENGINEERING

Prof. Faisal Ahmad on “Design Analysis of Disc Brake using newly Developed Stir Casted Master Alloy Disc for Improved Cooling” is published in International Journal of Latest Trends in Engineering & Technology (IJLTET), 2018.

Prof. Satish Shejkar on “Optimization of WEDM Process with Molybdenum Wire Electrode Using GRA” is published with M-Tech Scholar in International Journal for Scientific Research & Development (IJSRD), 2018.

A research paper of Prof. Satish Shejkar on “Experimental Investigation of WEDM Process for Machining D2 tool steel” is published with M-Tech Scholar in International Journal For Research & Development In Technology (IJRDT), 2018.

Prof. Siddharth Kaole on “Physical and Thermal Behaviour of Maize Husk Reinforced Epoxy Composite” is published in International Journal for Scientific Research and Development (IJSRD), 2018.

Prof. Manish Kumar Jha on “CFD Analysis of Turbulent Heat Transfer through Rectangular Channel on Size Optimization of Different Dimple Shape” is published in IJSRD - International Journal for Scientific Research & Development(IJSRD), 2018.

Prof. Abhilash Shukla entitled “Selection of an Optimal Parametric Combination of Tool Geometry and Work Piece for the Requirement of Better Surface Finish for Turning Operation using CNC Turning Operation” published in International Journal for Scientific Research & Development Vol. 5, Issue 12, (IJSRD), 2018.

Dr. Alok Agrawal along with M Tech scholar on “Development of Neural Network and Frame Work to Optimize Cut Length in Continuous Casting Shop Using Various Parameters” is published in International Journal of Engineering Sciences & Research Technology, Vol:7(3): (IJESRT) March, 2018.

Prof. Dharmendra Tyagi along with M Tech scholar on “Analysis of triaxiality stress behavior in three dimensional simulation of Al 2024 aluminum alloy extrusion by using finite element method” is published in International Journal of Advance Research, Ideas and Innovations in Technology, Vol:4(2): (IJARIIT) April, 2018.

Mr. Dharmendra Tyagi department of Mechanical Engineering published a research paper entitled "Critical Success Factors Assessment for Six Sigma Implementation in Manufacturing Indian Small and Medium Enterprises" in International Journal of Advanced Information Science and Technology, *vol. 51, No. 51, pp 49-57, 2016.*

Mr. Dharmendra Tyagi department of Mechanical Engineering published a research paper along with their M Tech scholar entitled "An Overview of Flexible Manufacturing System", in International Journal of Innovative Trends in Engineering, *vol. 18, No. 02, pp 83-85, 2016.*

Dr. Alok Agrawal presented a research paper entitled "Localization and identification of damage of cantilever beam using model indices and fuzzy/KSOM model" in 4th International Conference on Recent Trends in Engineering Science and Management on 7th August 2016 at International Center Goa.

Mr. Dharmendra Tyagi department of Mechanical Engineering published a research paper along with their M Tech scholar entitled "Review of Lean Manufacturing Implementation in Textile Industry", in Elixir International Journal, *98 (2016) 42748-42753.*

Mr. Dharmendra Tyagi department of Mechanical Engineering published a research paper along with their M Tech scholar entitled "Maximize Throughput and System Utilization By PDM", in International Journal of Innovative Trends in Engineering, *23 (2016) 5-13.*

Dr. Alok Agrawal published a book entitled "Polymer Composite for Microelectronic Applications" by Lambert publishing, Germany, 2016. (ISBN-13: 978-3-659-83336-6)

Prof. Yogesh Agrawal, HOD ME published a research paper entitled "Measurement Time Method for Engine Assembly Line with Help of Maynard Operating Sequencing Technique (MOST)" in Imperial journal of inter disciplinary research (IJIR).

Mr. Dharmendra Tyagi department of Mechanical Engineering published a research paper entitled "Evaluation of barriers for six sigma implementation in indian manufacturing smes. in International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN (P): 2249-6890; ISSN

(E): 2249-8001 Vol. 7, Issue 3, Jun 2017, 321.

Prof. Alok Agrawal department of Mechanical Engineering published a research paper on "Mechanical thermal & dielectric behavior of hybrid filler polypropylene composite" in composite communication Elsevier, vol. 4 pp 36-39, 2017.

Prof. Alok Agrawal department of Mechanical Engineering published a research paper on "Analytical and experimental investigation of particulate filled polymer composite with enhance thermal conductivity" in Indian journal of engineering and Material science, vol-23, pg 389-398, 2017.

Prof. Alok Agrawal department of Mechanical Engineering published paper along with M. tech scholar on "An experimental approach for behavior analysis sisal/epoxy composite" IJESRT, vol-25, pp 24-25.

Prof. Faisal Ahmed department of Mechanical Engineering published a research paper on "Microstructure, Mechanical and Surface Morphological properties of Al5Ti5Cr master alloy as friction material prepared by stir die casting" in IEEEED Springer pp 1-13 ISSN 22502122.

Prof. Amit Soni department of Mechanical Engineering published a research paper on "Comparative Analysis of cold storage filled with fresh Potatoes" in IJSRD, vol. 05, pp 1-11, 2017.