

Dr.NM Sivaram Publications

- 1) R Hegde, N Sivaram, B Ajaykumar, L Kirthan, Evaluation of heat treatment effect on fracture behavior of aluminum silicon carbide graphite hybrid composite, International Journal of Applied Engineering Research 12 (5), 605-610, 2017
- 2) AR Subbaiah, NM Sivaram, P Senthil, Parametric optimization of high speed CNC turning operation for improving the surface quality of (AA6063-T6) aluminium alloy components, Int J Chem Technol Res 10 (2), 923-932, 2017.
- 3) AR Subbaiah, NM Sivaram, P Senthil, Effect of milling parameters on surface quality of AA6063-T6 aluminium alloy during high speed CNC face milling, Int J Chem Technol Res 10 (3), 410-421, 2017
- 4) MD Selvam, NM Sivaram, Optimal Parameter Design by Taguchi Method for Mechanical Properties of Al6061 Hybrid Composite Reinforced With Fly Ash, International Journal of ChemTech Research 10 (13), 128-137, 2017.
- 5) R Karuppasamy, D Barik, NM Sivaram, MS Dennison, Investigation on the effect of aluminium foam made of A413 aluminium alloy through stir casting and infiltration techniques, International Journal of Materials Engineering Innovation 11 (1), 34-50, 2020.
- 6) R Hegde, NM Sivaram, BS Ajaykumar, LJ Kirthan, INFLUENCE OF SHOT BEHAVIOR OF ALUMINU GRAPHITE HYBRID, Technology 8 (6), 255-263,, 2017.
- 7) P Ragupathi, NM Sivaram, G Vignesh, MD Selvam, Enhancement of impact strength of a car bumper using natural fiber composite made of jute, i-Manager's Journal on Mechanical Engineering 8 (3), 39, 2018.
- 8) S Raghavendra, NM Sivaram, T Sadik, SS Prabhakara, Mechanical properties of hybrid composites with date palm fibre reinforcement, scanning electron microscopy (SEM) 8, 19, 2018.
- 9) S Jeevanantham, NM Sivaram, DSR Smart, S Nallusamy, Optimization of internal grinding process parameters on C40E steel using taguchi technique, International Journal of Applied Engineering Research 12 (19), 8660-8664, 2017.
- 10) MD Selvam, NM Sivaram, Optimal Parameter Design by Taguchi Method for Mechanical Properties of Al6061 Hybrid Composite Reinforced With Fly Ash/Graphite/Copper, International Journal of ChemTech Research 10 (13), 128-137, 2017.

- 11) MD Selvam, P Senthil, NM Sivaram, Parametric optimisation for surface roughness of AISI 4340 steel during turning under near dry machining condition, *International Journal of Machining and Machinability of Materials* 19, 2017.
- 12) S Jeevanantham, NM Sivaram, DSR Smart, S Nallusamy, NM Prabu, Effect of machining parameters on MRR and surface roughness in internal grinding using EN8, EN31 steel, *International Journal of Applied Engineering Research* 12 (11), 2963-2968, 2017.
- 13) D Barik, S Murugan, NM Sivaram, E Baburaj, PS Sundaram, Experimental investigation on the behavior of a direct injection diesel engine fueled with Karanja methyl ester-biogas dual fuel at different injection timings, *Energy* 118, 127-138, 2017.
- 14) VMM Thilak, SR Devadasan, NM Sivaram, A literature review on the progression of agile manufacturing paradigm and its scope of application in pump industry, *The Scientific World Journal* 2015, 2015.
- 15) D Barik, S Murugan, S Samal, NM Sivaram, Combined effect of compression ratio and diethyl ether (DEE) port injection on performance and emission characteristics of a DI diesel engine fueled with upgraded biogas Fuel 209, 339-349, 2017.
- 16) NM Sivaram, D Barik, Toxic waste from leather industries, *Energy from Toxic Organic Waste for Heat and Power Generation*, 55-67, 2019.
- 17) NM Sivaram, PM Gopal, D Barik, Toxic waste from textile industries, *Energy from Toxic Organic Waste for Heat and Power Generation*, 43-54, 2019.
- 18) S Karthi, S Devadasan, K Selvaraju, CG Sreenivasa, NM Sivaram, Transforming into a Lean Six Sigma enterprise through ISO 9001 standard-based quality management system, *Journal of Enterprise Transformation* 4 (2), 100-122, 2014.
- 19) MD Selvam, N Sivaram, The effectiveness of various cutting fluids on the surface roughness of AISI 1045 steel during turning operation using minimum quantity lubrication system, *Journal on Future Engineering & Technology* 13 (1), 36-43, 2017.
- 20) MS Dennison, NM Sivaram, D Barik, S Ponnusamy, Turning operation of AISI 4340 steel in flooded, near-dry and dry conditions: a comparative study on tool-work interface temperature, *Mechanics and Mechanical Engineering* 23 (1), 172-182, 2019.
- 21) MD Selvam, NM Sivaram, A comparative study on the surface finish achieved during turning operation of AISI 4340 steel in flooded, near-dry and dry conditions, *Australian Journal of Mechanical Engineering* 18 (3), 457-466, 2020.

- 22) PM Gopal, NM Sivaram, D Barik, Paper Industry Wastes and Energy Generation From Wastes, Energy from Toxic Organic Waste for Heat and Power Generation, 83-97 6, 2019.
- 23) T Sadik, NM Sivaram, P Senthil, Evaluation of mechanical properties of date palm fronds polymer composites, Int. J. ChemTech Res. 10, 558-564, 2017.
- 24) A Sivanantham, NM Sivaram, A literature review on Total Productive Maintenance, International Journal of ChemTech Research 10 (13), 138-144, 2017.
- 25) M Manikandan, S Prabakaran, NM Sivaram, MS Dennison, A Study on Optimization of Machining Parameters in Cylindrical Traverse Rough and Finish Cut Grinding Processes, i-Manager's Journal on Mechanical Engineering 10 (1), 51, 2019.
- 26) A Shanmuganathan, NM Sivaram, P Shanmughasundaram, A Study on the Musculoskeletal Discomfort in Foundry Workers, International Journal of Mechanical Engineering and Technology 8 (6), 377–383, 2017
- 27) MS Dennison, NM Sivaram, MA Meji, A Comparative Study on the Tool-Work Interface Temperature Observed during the Turning Operation of AISI 4340 Steel in Flooded, Near Dry, and Dry, Machining Conditions, i-Manager's Journal on Future Engineering and Technology 13 (4), 2018.
- 28) NM Sivaram, Elements of a computer aided emergency management system, International Journal of Enterprise Network Management 9 (2), 108-116, 2018.
- 29) SSR Chandran, NM Sivaram, TGA Raj, KER Roy, Characterization of a Single Injector GH2-LO2 for a 20 bar Cryogenic Chamber Test Facility, International Journal of Applied Engineering Research 12 (20), 9253-9258, 2017.
- 30) R Karuppasamy, NM Sivaram, D Barik, COMPRESSIVE STRENGTH OF OPEN CELL AL-Si12-FE FOAM PRODUCED THROUGH SAND CASTING METHOD.