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### **List of Publications**

1. **P.Dhanapal** and Dr.S.S.Mohamed Nazirudeen “A study of the structure and properties of high-strength Bainite-carbide cast iron with globular graphite”, Metal Science and Heat treatment, Vol.53, Nos. 11-12, March, 2012, 578-583.
2. **P.Dhanapal** and Dr.S.S.Mohamed Nazirudeen “Multi response optimization of carbidic austempered ductile iron production parameters using Taguchi technique”, Journal of scientific & industrial research, Vol. 70 pp 284-288, April 2011.
3. **P.Dhanapal** and Dr.S.S.Mohamed Nazirudeen “Parameter optimization of carbidic austempered ductile iron using Taguchi technique”, Int. J. of Engg. Sci. and Tech., ISSN: 0975-5462, Vol. 2(8) pp 3473-3482, April 2010.
4. **P.Dhanapal**, Dr.S.S.Mohamed Nazirudeen and A.Chandrasekar “Multi-Response Optimization of Carbidic Austempered Ductile Iron Production Parameters using Taguchi Method and Grey relational analysis”, J. Inst. Eng. India Ser. D. April 2012, Volume 93, Issue 1, pp 23–29[Springer].
5. M. Makeshkumar, Dr.S.S.Mohamed Nazirudeen and **P.Dhanapal** “Investigation on Micro-Alloyed Steels” International Journal of Advanced Scientific Research and Technology, ISSN 2249 – 9954, Vol.3, No: 2, June 2012, pp 194-200.
6. **P.Dhanapal** and Dr.S.S.Mohamed Nazirudeen “A study on the influence of heat treatment parameters on the wear resistance of alloyed austempered ductile iron” Indian Foundry Journal, ISSN 0379 – 5446, Vol.55, No: 3, March 2009, pp 32-38.
7. **P.Dhanapal**, V.Arunkumar, K.K.Satheeshkumar and Dr. S.S.Mohamed Nazirudeen “The influence of copper and molybdenum on the properties of austempering of ductile iron” National journal of Technology, ISSN – 0973-1334, Vol.5, No.2. June 2009, pp 46-53.
8. P. Karunakaran, C. Jegadheesan, **P. Dhanapal**, P. Sengottuvel, “Sugar industry fly ash: an additive for molding sand to make aluminium castings”, Russian Journal of Non-Ferrous Metals, May 2014, Volume 55, Issue 3, pp 247–253.
9. S.N.Vijayan, S.Sendhil Kumar, **P.Dhanapal** and K.Maharaja, “Performance analysis of solar assisted drying system”, Elixir International Journal, Vol. 63, (2013), pp 18107-18109.
10. **P.Dhanapal**, V.V.Arun Sankar, A.Syed Ibrahim, “Higher Temperature Corrosion Behavior of 304 Stainless Steel” International Journal of Pure and Applied Mathematics, Volume 118 No. 11 2018, 525-530.
11. **P.Dhanapal**, K.R. Mathevanan, M. Rahul Krishnan, R.Thennarasan, “Design and Analysis of Composite Helical Spring For Two Wheeler Shock Absorber” International Journal of Pure and Applied Mathematics, Volume 118 No. 11 2018, 549-555.

12. **P. Dhanapal**, K. Ramesh, K. Marimuthu, R. Dhinesh Kumar “Multi-Objective Optimization of CADI Production Parameters Using Grey Relational Analysis”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 8, Issue 12, December 2017, pp. 509–518.
13. **P.Dhanapal**, E.Baburaj, P.Senthil, “Investigation on Influence of Machining Parameters on High Speed Face Milling of Hybrid (LM0-SiC-FlyAsh) Composite” International Journal of Pure and Applied Mathematics, Volume 118 No. 20 2018, 901-906.
14. **P.Dhanapal**, M.Raja Sankar, R.Manimaran, R.Velmurugan, “Experimental analysis on characteristics of Carbide Austempered Ductile Iron” International Journal of Engineering & Technology, 7 (2.8) (2018) 629-634.
15. **P.Dhanapal**, S.Vengadesh, S.Sankaran, S.Tamilkumaran, S. Naveen, “A REVIEW ON DESIGN AND FABRICATION OF FILAMENT WINDING MACHINE” International Journal of Pure and Applied Mathematics, Volume 118 No. 20 2018, 1549-1553.