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**List of Publications**

- 1.Optimization of laser welding process parameters in dissimilar joint of stainless steel AISI316/AISI1018 low carbon steel to attain the maximum level of mechanical properties ...  
MP Prabakaran, GR Kannan Optics & Laser Technology 112, 314-322, 2019
- 2.Optimization of CO<sub>2</sub> Laser Beam Welding Process Parameters to Attain Maximum Weld Strength in Dissimilar Metals MP Prabakaran, GR Kannan Materials Today: Proceedings 5 (2), 6607-6616, 2018
3. Optimization and metallurgical studies of CO<sub>2</sub> laser welding on austenitic stainless steel to carbon steel joint MP Prabakaran, GR Kannan Ferroelectrics 519 (1), 223-235, 2017
4. Artificial neural network approach to investigate the effect of injection pressure and timing on diesel engine fuelled with diestrol GR Kannan International Journal of Oil, Gas and Coal Technology 11 (2), 154-179, 2016.
5. Experimental Studies of Diestrol-Micro Emulsion Fuel in a Direct Injection ompression Ignition Engine under Varying Injection Pressures and Timings GR Kannan  
Journal of the Institution of Engineers (India): Series C 99 (1), 19-32, 2018
6. Parametric Modeling Of GTA Welding Process For Dissimilar Metals Through Response Surface Methodology MPPrabakaran Kannan G.R Applied Mechanics and Materials 592, 673-677, 2014
7. Weld Strength Optimization by using Box-Behnken Design P Vigneshwaran, MP Prabakaran, T Selvaraj, GR Kannan International Journal of Engineering Research and Technology, 2014
8. Microstructure and mechanical properties of laser-welded dissimilar joint of AISI316 stainless steel and AISI1018 low alloy steel MP Prabakaran, GR Kannan, K Lingadurai

Caribbean Journal of Science 53, 978-998, 2019

9. Experimental Studies Of Mechanical And Microstructure Properties Of Plasma Sprayed Thermal Barrier Coatings GRKannan, Anoop Aravind Applied Mechanics and Materials 592, 326-332, 2014