

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 CO2 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 CO2 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 Compression 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. MPP **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) Thermal and stress distribution of different IC engine piston combustion chambers using 3-D finite element analysis method. **GR Kannan**, A Aravind. International Journal of Innovative Research in Science, Engineering
- 9) 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
- 10) Experimental Studies Of Mechanical And Microstructure Properties Of Plasma Sprayed Thermal Barrier Coatings. **GR Kannan** Anoop Aravind. Applied Mechanics and Materials 592, 326-332, 2014