Panel Member's 5 year Publication details - PRDC

Members from Anna University and Affiliated Colleges

Member 1

Dr. S.Nagaraja
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Department of Mechanical Engineering
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1. K.Soorya Prakash, P.Balasundar, **S.Nagaraja**, P.M.Gopal and V.Kavimania" Mechanical and wear behaviour of Mg–SiC–Gr hybrid composites" Journal of Magnesium and Alloys Volume 4, Issue 3, September 2016, Pages 197-206.
2. **S.Nagaraja**, K.Soorya Prakash, R.Sudhakaran and M.Sathish Kumar "Investigation on the emission quality, performance and combustion characteristics of the compression ignition engine fueled with environmental friendly corn oil methyl ester – Diesel blends" Ecotoxicology and Environmental Safety Volume 134, Part 2, December 2016, Pages 455-461.
3. **S. Nagaraja** and R. Krishnan "Validation of Experimental test results with aid of Artificial Neural Network of Palm Oil Methyl EsterDiesel Blends as Fuel in Diesel Engine" International Journal of Pure and Applied Mathematics Volume 117 No. 15 2017, 479-488.
4. P.M.Gopal, K.Soorya Prakash**, S.Nagaraja** and N.Kishore Aravinth "Effect of weight fraction and particle size of CRT glass on the tribological behaviour of Mg-CRT-BN hybrid composites" Tribology International Volume 116, December 2017, Pages 338-350.
5. **S Nagaraja** "Experimental investigation on a compression Ignition engine fueled with corn biodiesel with diesel blends under different compression ratio" Ecology, Environment and Conservation, Volume 24, Issue 2,2018, Pages 882-886.
6. V. Kavimani, K. Soorya Prakash, Titus Thankachan, **S. Nagaraja**, A. K. Jeevanantham and Jithin P. Jhon "WEDM Parameter Optimization for Silicon@r-GO/Magneisum

Composite Using Taguchi Based GRA Coupled PCA" Silicon volume 12, pages1161–1175(2020).

7. S. Kannan, **S. Nagaraja** and N. Mathankumar "Experimental Investigation on the Effect of Compression Ratio over the Performance of Corn Biodiesel-Diesel Blends as Fuel in Compression Ignition Engine" Journal International Journal of Ambient Energy, 08 Jun 2020.
8. **S Nagaraja**, S Praveen, R Prakash and J Sriram "Impact of compression ratio analysis in waste cooking oil biodiesels–diesel blends as fuel" International Journal of Ambient Energy Volume 41, 2020 - Issue 8 Pages 866-870.
9. **S Nagaraja**, DDW Rufuss and AK Hossain "Microscopic characteristics of biodiesel–Graphene oxide nanoparticle blends and their Utilisation in a compression ignition engine" Renewable Energy Volume 160, November 2020, Pages 830-841.