

### **Dr Ravikumar Solomon Publications**

1. SM Shafee, K Gnanasekaran, G Ravikumar Solomon, R Balaji(2020), ' Promising Natural Organic Rosin Based Composites Fabricated at Stove Top Temperature', SAE, VOL 7, Pages 7.
2. PS Arshi Banu, Seralathan Sivamani, T Micha Premkumar, Gnanadurai Ravikumar Solomon(2020), ' Feasibility studies on alternative aqueous salt mixture in vapour absorption cooling', Materials Today: Proceedings', Elsevier, VOL 33, Pages 1121-1127.
3. A Abraham Eben Andrews, J Jensin Joshua, Gnanadurai Ravikumar Solomon, B Gokul, K Srinath(2020), ' Optimizing machining parameters of carbon steel EN24 to minimize surface roughness and tool wear', Materials Today: Proceedings, Elsevier(online).
4. V Hariram, G Ravikumar Solomon, Deepak Sai Raj, M Jithendra Dev, U Naveen Kumar, M Gokulakesavan, T Micha Premkumar, S Seralathan(2020), ' Impact of compression ratio in the emission and performance phenomenon of a CI engine fuelled with jojoba biodiesel blends', Materials Today: Proceedings, Elsevier(online).
5. K Suneel, N Nagmohan Rao, R Balaji, N Srikanth, Gnanadurai Ravikumar Solomon, Ashish Selokar(2020), ' Review on Sliding Wear of Ti-6Al-4V Alloy Concerning Counterface and Sliding Conditions', Intelligent Manufacturing and Energy Sustainability, Pages 309-318.
6. SM Shafee, K Gnanasekaran, G Ravikumar Solomon, PS Arshi Banu(2020), ' Analysis of heat transfer mechanisms during energy storage in a vertical cylindrical unit filled with nano enhanced phase change material for free cooling applications', Materials Today: Proceedings, VOL 22, Pages 743-750.
7. S Sathish, M Chandrasekaran, Gnanadurai Ravikumar Solomon(2019). ' Effect of total solids and agitation time on biogas yield, using rice husk', International Journal of Ambient Energy, VOL 40, Pages 101-104.
8. Ashish Selokar John Presin Kumar A, Ravikumar Solomon G, Sivakumar S, Balaji R, Mukesh Nadarajan(2019), 'Air Quality Effects of Pollutant Gases from Brick Kilns near Chennai', International Journal of Recent Technology and Engineering, VOL 8, Pages 2284-2291.
9. R.Sathish Babu A. John Presin Kumar, G. Ravikumar Solomon, S. Sivakumar, S. Sathish, S. A. Harikrishnan(2019), ' Pollution Hazard Caused By Anti-Disease Drugs In Hospital Environments Near Chennai', International Journal of Recent Technology and Engineering, VOL 8, Pages 6401-6405.
10. S. Ravikumar Solomon, G., Hariram, V., Raj, D.S., Gokulakesavan, N.K., Seralathan(2019), ' Evaluation of the transesterification process and physio-chemical properties of jojoba biodiesel', International Journal of Innovative Technology and Exploring Engineering, VOL 9, Pages 2553-2557.
11. Ravikumar Solomon G and Vijay Sekar K S Padmakumar M, Dinakaran D(2015), ' Performance Evaluation of Cryogenically Treated Tungsten Carbide Insert on Face Milling of Grey Cast Iron', Applied Mechanics and Materials, VOL 9, Pages 569-574.
12. G.RaviKumar Solomon Md. Afsar Alam(2015), ' PERFORMANCE ANALYSIS AND EXPERIMENTAL INVESTIGATION OF HEAT EXCHANGER MATERIAL BY CFD', International Journal of Applied Engineering Research, VOL 10, Pages 488-494.
13. Gnanadurai, Ravikumar Solomon S. Thirumalai(2015), 'Experimental Study on the Solidification Behavior of Nano Enhanced PCM used for free cooling Applications', International Journal of Applied Engineering Research, VOL 10, Pages 571-574.