

Dr Lakshmanan Thangavelu  
Associate Professor,  
Department of Mechanical Engineering,  
Kattankulathur Campus, SRM Institute of Science and Technology  
[lakshmanan.t@ktr.srmuniv.ac.in](mailto:lakshmanan.t@ktr.srmuniv.ac.in)  
Contact Number: 9840154392

### **PUBLICATION DETAILS**

1. Chandran, V, Manvel Raj, T, Lakshmanan, T, 'Effect of Recycled Rubber Particles and Silica on Tensile and Tear properties of Natural Rubber Composites' - Materials Science, volume 22 pp.256-261, 2016.
2. Chandran V, Manvel Raj, T, Lakshmanan, T, Sound and vibration behavior assessment of different sizes of waste tyre rubber in natural rubber composites for damping applications– Chiang mai journal of Science(Impact factor 0.62)- volume 45(1) : 515-527, 2018
3. Dillibabu, V, Lakshmanan, T & Natarajan, E, 'Energy, exergy and sustainability analysis of rice husk air gasification process', Thermal science, (Annexure-I) (ISSN 2334-7163) (IF - 1.45), 2018.
4. Dillibabu, V, Lakshmanan, T & Natarajan, E, 'Air and oxygen gasification simulation analysis of sawdust', Thermal science, <https://doi.org/10.2298/TSCI170613102V> (Annexure-I) (ISSN 2334-7163) (IF -1.45), 2018.
5. Janakiraman S and Lakshmanan Thangavelu Effect of Bioethanol as Intermixed Fuel on Compression Ignition Engines International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 6, December 2016.
6. A. Khadeer Ahmed and Lakshmanan Thangavelu Bio Diesel from Sapote Seed Oil and its Effect on Engine Performance, Combustion and Emission Characteristics in a Diesel Engine. International Journal of Printing, Packaging & Allied Sciences, Vol. 4, No. 6, December 2016.
7. Ravi Kumar J, Lakshmanan Thangavelu and Chandran V. Experimental Investigation on the Effect of Ignition Enhancers in the Blends of Sapota Biodiesel/Diesel Blends on a CRDi Engine. International Journal of Energy Fuels 2019, volume 33, 2019.
8. Janakiraman S, Lakshmanan Thangavelu Chandranc.V and LingesanSubramanid, Comparative behavior of various nano additives in a DIESEL engine powered by novel Garcinia gummi- gutta biodiesel. International Journal of Cleaner Productions Volume 245, 1 February 2020.