

Member of other University

DC Member 1 : Dr. S. Thirumalini

Amrita Vishwa Vidyapeetham University,

Chairperson, Mechanical Engineering, Coimbatore

Email. Id : st_malini@cb.amrita.edu

Year of Publication	Title
2019	N. Radhika, Sam, M., and Dr. Thirumalini S., “Experimental Studies on Mechanical and Wear Behaviour of TiC Reinforced Cu-Sn-Ni Functionally Graded Composite”, Tribology in Industry, vol. 41, pp. 537-547, 2019.[Abstract]
2019	S. R Godson, Dr. Thirumalini S., and Tulapurkar, C., “Numerical Modelling of Methanol-Gasoline Blends in PFI Spark Ignition Engines”, IOP Conference Series: Materials Science and Engineering, vol. 577, p. 012148, 2019.[Abstract]
2019	Senthilkumar D. and Dr. Thirumalini S., “Investigation on Effect of Split Injection and Retarded Injection Timing on the Performance Characteristics of engines with Cashew nut shell biodiesel Blends”, Journal of Ambient Energy (Under Review), 2019.
2019	S. P. M. Vignesh, Srihari S., and Dr. Thirumalini S., “Effect of dual fuel injection on the emission characteristics of a single cylinder ci engine using alcohol diesel blends with preheated air”, International Journal of Engineering and Advanced Technology, vol. 8, no. 5, pp. 1395-1402, 2019.[Abstract]
2019	Dr. Radhika N, Dr. Thirumalini S., and Jojith, R., “Development and Properties of Centrifugally Cast Silicon Nitride Reinforced Functionally Graded Copper Matrix Composite”, vol. 11, no. 4, pp. 2103 - 2116, 2019.[Abstract]
2019	V. Charitha, Dr. Thirumalini S., Prasad, M., and Srihari S., “Investigation on performance and emissions of RCCI dual fuel combustion on diesel - bio diesel in a light duty engine”, Renewable Energy, vol. 134, pp. 1081-1088, 2019.[Abstract]
2018	S. D. Kumar, Srihari S., and Dr. Thirumalini S., “Effect of inlet air temperature on SI engine fueled with diethyl ether-gasoline blends”, Journal of Mechanical

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	Engineering and Sciences, vol. 12, no. 4, pp. 4044-4055, 2018.[Abstract]
2018	Srinivaas A., Dr. Thirumalini S., Mohankumar, P., R. Sundar, R., and Aravind, C., “Simulation Study on Variants of ABS”, International Journal of Engineering and Technology, vol. 7, no. 3.6, pp. 97-100, 2018.[Abstract]
2018	Dr. Radhika N, Dr. Thirumalini S., and Shivashankar, A., “Investigation on Mechanical and Adhesive Wear Behavior of Centrifugally Cast Functionally Graded Copper/SiC Metal Matrix Composite”, Transactions of the Indian Institute of Metals, vol. 71, no. 6, pp. 1311-1322, 2018.[Abstract]
2017	V. Salamon, Senthilkumar D., and Dr. Thirumalini S., “Experimental Investigation of Heat Transfer Characteristics of Automobile Radiator using TiO ₂ -Nanofluid Coolant”, IOP Conference Series: Materials Science and Engineering, vol. 225, p. 012101, 2017.[Abstract]
2017	V. Nagarajan and Dr. Thirumalini S., “Investigations on emission of nanoparticulates under free acceleration test condition”, International Journal of Nanoparticles, vol. 9, p. 234, 2017.[Abstract]
2017	M. M. Mathew, Bathe, R. N., Padmanabham, G., R. Padmanaban, and Dr. Thirumalini S., “A study on the micromachining of molybdenum using nanosecond and femtosecond lasers”, The International Journal of Advanced Manufacturing Technology, 2017.[Abstract]
2017	S. K. Sreekala and Dr. Thirumalini S., “Study of flow performance of a globe valve and design optimisation”, Journal of Engineering Science and Technology, vol. 12, pp. 2403-2409, 2017.[Abstract]
2017	Srihari S. and Dr. Thirumalini S., “Investigation on reduction of emission in PCCI-DI engine with biofuel blends”, Renewable Energy, vol. 114, pp. 1232 - 1237, 2017.[Abstract]
2017	M. Arivarasu, Roshith, P., Dr. Padmanaban R., Dr. Thirumalini S., Prabhakar, K. V. Phani, and Padmanabham, G., “Investigations on metallurgical and mechanical properties of CO ₂ laser beam welded Alloy 825”, Canadian Metallurgical Quarterly, pp. 1-13, 2017.[Abstract]

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2017	Srihari S., Dr. Thirumalini S., and Prashanth, K., “An experimental study on the performance and emission characteristics of PCCI-DI engine fuelled with diethyl ether-biodiesel-diesel blends”, Renewable Energy, vol. 107, pp. 440 - 447, 2017.[Abstract]
2016	S. K. Sreekala and Dr. Thirumalini S., “Effect of cage configurations on flow characteristics of globe valves”, World Journal of Engineering, vol. 13, pp. 61–65, 2016.[Abstract]
2016	P. Deepak, Jualeash, M. J., Jishnu, J., Srinivasan, P., Arivarasu, M., Dr. Padmanaban R., and Dr. Thirumalini S., “Optimization of process parameters of pulsed TIG welded maraging steel C300”, IOP Conference Series: Materials Science and Engineering, vol. 149, p. 012007, 2016.[Abstract]
2016	M. S. Abilash, Senthilkumar D., Padmanabham, G., , R. Padmanaban, and Dr. Thirumalini S., “The effect of welding direction in CO2 LASER - MIG hybrid welding of mild steel plates”, IOP Conf. Series: Materials Science and Engineering 149, 2016.[Abstract]
2016	G. Kumar and Dr. Thirumalini S., “Effect of lubricating oil temperatures on fuel consumption and emissions under cold start conditions for a diesel engine”, SAE International, 2016.
2016	S. K. Sreekala and Dr. Thirumalini S., “Investigation on aerodynamic noise evaluation and attenuation in a globe valve using CFD analysis”, International Journal of Multiphysics, vol. 10, pp. 43-51, 2016.[Abstract]
2015	A. Jacob Zacharias and Dr. Thirumalini S., “Impact of Increase in Intake Air Temperature on Emission Characteristics of a Gasoline Ethanol Blended SI Engine during Cold Start”, International Journal of Applied Engineering Research, vol. 10, no. 19, pp. 0973-4562, 2015.
2015	J. James Cheeran, Dr. Padmanaban R., Dr. Thirumalini S., and .Bhaskar, V., “Design and Optimization of a Diesel Engine Connection Rod”, International Journal of Applied Engineering Research, vol. 10, no. 32, 2015.
2015	K. P. Vasudevan Nambeesan, Parthiban, R., K Kumar, R., Athul, U. R., Vivek, M.,

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	and Dr. Thirumalini S., “Experimental study of heat transfer enhancement in automobile radiator using Al ² O ³ water-ethylene glycol nanofluid coolants”, International Journal of Automotive and Mechanical Engineering, vol. 12, pp. 2857-2865, 2015.[Abstract]
2015	S. Prabhakar.N, Senthilkumar D., and Dr. Thirumalini S., “Analysis of Regenerator Matrix in a Gamma Type Solar Stirling Engine”, International Journal of Applied Engineering Research (IJAER), vol. 10, no. 19, 2015.
2015	A. Krishnan and Dr. Thirumalini S., “Investigation of cold start and Idling emission characteristics of ethanol-gasoline blends in SI Engine”, International Journal of Applied Engineering Research, vol. 10, no. 17, pp. 37601-37604, 2015.[Abstract]
2015	M. Mohan and Dr. Thirumalini S., “Experimental investigation of evaporative emission with variation in material characteristic and fuel levels”, International Journal of Applied Engineering Research, vol. 10, no. 17, pp. 38241-38244, 2015.[Abstract]
2015	M. Vigneswaran and Dr. Thirumalini S., “Experimental investigation of using n-hexanol as additive to n-butanol/diesel blends in diesel engine to study the emission and performance characteristics”, International Journal of Applied Engineering Research, vol. 10, no. 18, pp. 38984-38988, 2015.[Abstract]
2015	J. Koti, M., V., and Dr. Thirumalini S., “Study of heat transfer characteristics of Al ₂ O ₃ /water-propylene glycol nanofluid as a coolant in an automotive radiator”, International Journal of Applied Engineering Research, vol. 10, no. 16, pp. 37105-37109, 2015.[Abstract]