

### **Research Publication of External DC Member 2**

Name : **Dr. S. Sivalakshmi**  
Designation : Associate Professor,  
Department : Mechanical Engineering  
Address : Department of Mechanical Engineering,  
Government College of Engineering Salem,  
Karuppur, Salem-636011  
Phone Number : +91 9842888202  
E-mail id : s\_sivalakshmi@yahoo.com

<b>S.No</b>	<b>Journal Papers</b>	<b>Year</b>
1.	Effect of helical fins on the performance of a double pipe heat exchanger S. Sivalakshmi, M. Raja, G. Gowtham Materials today:Proceedings	2020
2.	A comparative analysis on the thermal performance of solar chimney with smooth and dimpled absorber plate S. Sivalakshmi, V. Sethupathi, M. Pechiyannan Materials today:Proceedings	2020
3.	Optimization of window type and vent parameters on single-sided natural ventilation buildings V.R. Lenin, S. Sivalakshmi, M. Raja Journal of thermal Analysis and Calorimetry	2018
4.	Numerical investigation of unsteady buoyancy driven indoor air flow characteristics under various range of internal heat generation S. Sivalakshmi, V.R . Lenin International Journal of Environment and Sustainable Development	2018
5.	Performance and Emission Characteristics of a Mixed Biodiesel Fueled CI Engine	2015

	<p>Arunprasad Shanmugam, Thangavel balusamy, S. Sivalakshmi</p> <p>Applied Mechanics and materials</p>	
6.	<p>Investigation on the combustion, performance and emissions of a diesel engine fuelled by biodiesel and its blends with different oxygenated organic compounds</p> <p>S. Sivalakshmi, V.R. Lenin, C. Hari Prakash</p> <p>International Journal of ambient Energy</p>	2015