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VI. List of Publications

S.No.	Title	Authors	Journal	Indexing	Year
1.	Effect of diethyl ether and ethanol as an oxygenated additive on Calophyllum inophyllum biodiesel in CI engine	A Tamilvanan, K Balamurugan, B Ashok, <b>P Selvakumar</b> , S Dhamotharan,	Environmental Science and Pollution Research, doi.org/10.1007/s11356-020-10624-3	SCI	2020
2.	Development of concentrating dish and solar still assembly for sea water desalination	A Abubakkar, <b>P Selvakumar</b> , T Rajagopal, A Tamilvanan	Materials Today: Proceedings (Articles in Press)	Scopus	2020
3.	Parameter optimization of copper nano particle synthesis by electrode position process using RSM and CS	A Tamilvanan, K Balamurugan, T Mohanraj, <b>P Selvakumar</b>	Materials Today: Proceedings (Articles in Press)	Scopus	2020
4.	Experimental Study on Thermal Behavior of Double Pipe Helical Flow Heat Exchanger	R Karthikeyan, P Thangavel, R Naveen, <b>P Selvakumar</b> , S Astra	IOP Conference Series: Materials Science and Engineering, Volume 764	Scopus	2020
5.	Design And Fabrication of Agricultural Land Tilling and Planting Machine	Arun Kumar P N <b>Dr.P.Selvakumar</b> , Dhanishk M, Ashwin V	International Journal of Scientific & Technology Research 9 (2), 4970-4974	Scopus	2020
6.	Design And Fabrication Of Water Saving Utensils Cleaning Machine	R.Ashok <b>Dr.P.Selvakumar</b> , A.Angusamy, R.Anudeep	International Journal of Scientific & Technology Research 9 (1), 2665-2667	Scopus	2020
7.	Design, Development and Analysis of Mullite Catalytic Converter for CI Engines	<b>Selvakumar P</b> , Dhamotharan S, Tamilvanan A, Sathishkumar N	SAE Technical Paper 2019-28-0017	Scopus	2019
8.	Performance Of P1 Model In The	<b>P Selvakumar</b> ,	International Journal	Scopus	

	Prediction Of Static Temperature And Velocity Magnitude Of Therminol D-12 In An Evacuated Tube Solar Collector	P Somasundaram, A Tamilvanan, R Karthikeyan, T Rajagopal	of Innovative Technology and Exploring Engineering Vol.8 (11), p. 255-261		2019
9.	Experimental study on effect of wick structures on thermal performance enhancement of cylindrical heat pipes	G Kumaresan, P Vijayakumar, M Ravikumar, R Kamatchi, <b>P Selvakumar</b>	Journal of Thermal Analysis and Calorimetry 136 (1), 389-400	SCIE	
10.	Design, Fabrication And Testing Of Prototype Of An Anti-Hypothermic Flexible Body Heater	<b>P Selvakumar</b> , A Abubakkar, A Tamilvanan, T Rajagopal	International Journal of Scientific & Technology Research 8 (10), 1596-1600	Scopus	2019
11.	Dry Sliding Wear and Mechanical Characterisation of Mg Based Composites by Uniaxial Cold Press Technique	<b>P Selvakumar</b> , K Ponappa, M Udhayasankar, B Arvindkumar	Archives of Metallurgy and Materials 62 (3), 1851-1856	SCIE	2017
12.	Experimental Analysis on Solar Water Heater with Corrugated Absorber for Enhanced Heat Transfer	<b>P Selvakumar</b> , P Somasundaram	Journal of Thermal Energy Systems 1 (2), 8-19	---	2016
13.	Solar Cooking System Using Parabolic Trough	S. Pradeep <b>P.Selva Kumar</b> , D. Pavithran, S. PrabuAravind	Journal of Thermal Energy Systems 1 (3), 1-11	---	2016
14.	Performance study on evacuated tube solar collector using therminol D-12 as heat transfer fluid coupled with parabolic trough	<b>P Selvakumar</b> , P Somasundaram, P Thangavel	Energy Conversion and Management 85 (09), 505-510	SCIE	2014
15.	An Experimental Study on Evacuated Tube Solar Collector using Therminol D-12 as Heat Transfer Fluid Coupled with Parabolic Trough	<b>P Selvakumar</b> , P Somasundaram, P Thangavel	International Journal of Engineering and Technology 6 (1), 110-117	Scopus	2014
16.	Analysis of Humidified Air Circulation Over the Air Cooled Condenser of Vapour Compression Refrigeration System with Eco Friendly Refrigerants	P Thangavel, D Deepa, P Somasundaram, <b>P Selvakumar</b>	International Review of Mechanical Engineering 8 (3), 530-536	Scopus	2014
17.	Instant Hot Water Generation System for Domestic Utility in Rural Areas	<b>P Selvakumar</b> , P Somasundaram	International Review of Mechanical Engineering 7 (5), 869-873	Scopus	2013

18.	Effective Heat Transfer Enhancement in Finned Tube Heat Exchanger with Different Fin Profiles	JA Livingston, <b>P Selvakumar</b>	International Journal of Engineering Research 2 (2), 83-87	ICI	2013
19.	Effect of Inclination Angle on Temperature Characteristics of Water in-Glass Evacuated Tubes of Domestic Solar Water Heater	<b>P Selvakumar</b> , P Somasundaram	International Journal of Engineering and Innovative Technology 1 (4), 78-81	Google Scholar	2012