

DC MEMBER 2

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LIST OF PUBLICATIONS FOR LAST FIVE YEARS – 2015-2020

Sl. No	Title of papers	Author(s)	Name, volume number of Journal, and year of publication.	Year, Volume	Page No.	
					From	To
1.	Performance enhancement studies on evaporative cooling using volumetric heat and mass transfer coefficients	V.Naveenprabhu, M.Suresh	Numerical Heat Transfer, Part-A: Applications	2020,78	504	523
2.	Heat and mass transfer studies in a finned tube heat exchanger employed with evaporative cooling technique	M.Suresh, S.Viveknath, B.Karthikayan, V.Krishnan, K.Sowmya	IOP: Material Science and Engineering	2020,912	0420 17-1	04201 7-10
3.	Studies on the performance of 150W solar photovoltaic module with evaporative cooling	M.Suresh, R.Shanmadhi	IOP: Material Science and Engineering	2020,912	0420 16-1	04201 6-8
4.	Numerical Investigations on Enhancement of Bi-evaporator Compression Refrigeration System Using Ejector as Expansion Device	M.Suresh, B.Rahul, S.Sharan, K.Vinaya	AIP Conference Proceedings	2019,2161	0200 28-1	02002 8-6
5.	Investigations on a vortex tube as industrial auxiliary cooling device	M.Suresh, S.Nirmal	International Journal of Mechanical and Production Engineering Research and Development	2018, Vol. 8, Special issue: 8	319	325
6.	Numerical Investigations on Single Effect Absorption and Combined Ejector-Absorption Refrigeration Systems	S.Arun, M.Suresh	International Journal of Mechanical and Production Engineering Research and Development	2018, Vol. 8, Special Issue:7	505	514

7.	Multi Stage Power Generation in an Open Canal System by Accelerated Flow	S.Adhithiya, R.Anandh, A.Arjun, M.Suresh	Journal of Informatics and Mathematical Sciences	2018,10	313	320
8.	Numerical Modelling of Solar Parabolic Trough Receiver Employed for Thermal Energy Storage System	N.Nallusamy, P.M.Sivaram, M.Suresh	Journal of Clean Energy Technologies	2017,5	107	113
9.	Heat Transfer Enhancement Studies in a Concentric Tube Heat Exchanger	M. Suresh, R.Bhaarath, S.P.Anand	Journal of Chemical and Pharmaceutical Sciences	2017, Special issue: 7	177	181
10.	Experimental and numerical investigation on solar parabolic trough collector integrated with thermal energy storage unit	P.M.Sivaram, N.Nallusamy, M.Suresh	International Journal of Energy Research	2016,40	1564	1575