


## Brief CV

<b>English Name</b>	Ravishankar Sathyamurthy	<b>中文姓名</b>	/	
<b>Gender</b>	Male	<b>Title</b>	Prof. Dr.	
<b>Position</b>	Professor	<b>Country</b>	India	
<b>University/Department</b>	Department of Automobile Engineering, Hindustan Institute of Technology and Science			
<b>Research Area</b>	Solar energy; Renewable; Desalination; Energy storage; Emission; IC engines; Nano fluids; Heat transfer;			
<p>Brief introduction of your research experience:</p> <p>Ravishankar S born on 5/11/1988 in India. He is a recipient of Veltech Gold medal for excellence in merit. During the year 2010-2012 he presented several papers in National and International conferences. Bagged his gold medal in post graduate and got the university 1st rank with a CGPA of 9.8/10. His research interests include material science, refrigeration and air conditioning, solar drying techniques, solar still desalination, IC engines, Nano fluids in heat transfer applications, material characterization, Computational fluid dynamics, Heat transfer phenomenon, phase change materials, hybrid characterization, energy storage, Alternate fuels, heat and power engineering. He authored and co authored more than 70 international articles and presented 7 articles in international conferences. He served as reviewer for 80 International journals and reviewed 400 research and review article. He is presently working with Mechanical Power Engineering department, Faculty of Engineering, Tanta University, Egypt and Department of Automobile Engineering, Hindustan Institute of Technology and Science, Chennai.</p>				

## Journal Publications

1. Panchal, H., Patel, R., Chaudhary, S., Patel, D.K., **Sathyamurthy, R.** and Arunkumar, T., 2018. Solar energy utilisation for milk pasteurisation: A comprehensive review. *Renewable and Sustainable Energy Reviews*, 92, pp.1-8. **(Impact factor-10.54) (Annexure-1)**
2. Manokar, A. Muthu, D. Prince Winston, Jayanta Deb Mondol, **Ravishankar Sathyamurthy**, A. E. Kabeel, and Hitesh Panchal. "Comparative study of an inclined solar panel basin solar still in passive and active mode." *Solar Energy* 169 (2018): 206-216. **(Impact factor-4.89) (Annexure-1)**
3. Awasthi, Anuradha, Kanchan Kumari, Hitesh Panchal, and **Ravishankar Sathyamurthy**. "Passive Solar still: Recent advancement in design and related Performance." *Environmental Technology* just-accepted (2018): 1-59. <https://www.tandfonline.com/doi/abs/10.1080/09593330.2018.1482962> **(Impact factor-1.751) (Annexure-1)**
4. Arunkumar, T., Kabeel, A.E., Raj, K., Denkenberger, D., **Sathyamurthy, R.**, Ragupathy, P. and Velraj, R., 2018. Productivity enhancement of solar still by using porous absorber with bubble-wrap insulation. *Journal of Cleaner Production*. <https://doi.org/10.1016/j.jclepro.2018.05.199> **(Impact factor- 5.79) (Annexure-1)**
5. Manokar, A. Muthu, M. Vimala, D. Prince Winston, R. Ramesh, **Ravishankar Sathyamurthy**, P. K. Nagarajan, and R. Bharathwaaj. 2018, "Different parameters affecting the condensation rate on an active solar still—A review." *Environmental Progress & Sustainable Energy*. <https://doi.org/10.1002/ep.12923> **(Impact factor-1.67) (Annexure-1)**
6. A.E.Kabeel, S.A. El-Agouz, **Ravishankar Sathyamurthy**, T. Arunkumar, (2018). Augmenting the productivity of solar still using jute cloth knitted with sand heat energy storage, <https://doi.org/10.1016/j.desal.2018.05.026> **(Impact factor-6.41)**
7. B. Praveen kumar, D. Prince Winston, P. Pounraj, A. Muthu Manokar, **Ravishankar Sathyamurthy**, A.E. Kabeel: *Experimental investigation on hybrid PV/T active solar still with effective heating and cover cooling method*. *Desalination* 06/2018; 435:140-151., DOI:10.1016/j.desal.2017.11.007
8. J. Subramani, P.K. Nagarajan, Omid Mahian, **Ravishankar Sathyamurthy**: *Efficiency and heat transfer improvements in a parabolic trough solar collector using TiO<sub>2</sub> nanofluids under turbulent flow regime*. *Renewable Energy* 04/2018; 119:19-31., DOI:10.1016/j.renene.2017.11.079
9. Madhu. B., Balasubramanian Esakki, **Ravishankar Sathyamurthy**, Pk Nagarajan, Magesh BABU Devarajan, Bharathwaaj Ramani, A. Muthu Manokar: *EXERGY ANALYSIS OF SOLAR STILL WITH SAND HEAT ENERGY STORAGE*. *Applied Solar Energy* 03/2018; 54(3).
10. Prince Winston D, Praveen Kumar .B, S. Cynthia Christabel, Ali J. Chamkha, **Ravishankar Sathyamurthy**: *Maximum Power Extraction in Solar Renewable Power System - A Bypass Diode Scanning Approach*. *Computers & Electrical Engineering* 02/2018;, DOI:10.1016/j.compeleceng.2018.02.034
11. S.A. El-Agouz, Abd Elnaby Kabeel, J.Subramani Jothirathinam, A. Muthu Manokar, Arunkumar Thirugnanasambantham, **Ravishankar Sathyamurthy**, Pk Nagarajan, Magesh BABU Devarajan: *Theoretical analysis of continuous heat extraction from absorber of solar still for improving the yield of fresh water*. *Periodica Polytechnica, Mechanical Engineering* 02/2018;, DOI:10.3311/PPme.11213
12. S. Chandra Sekhar, K. Karuppasamy, N. Vedaraman, Abd elnaby Kabeel, **Ravishankar Sathyamurthy**, Medhat Elkelayw, Hagar Alm Eldin: *Biodiesel Production Process Optimization from Pithecellobium dulce Seed Oil: Performance, Combustion, and Emission analysis on Compression Ignition Engine fuelled with Diesel/Biodiesel Blends*. *Energy Conversion and Management* 01/2018; 161., DOI:10.1016/j.enconman.2018.01.074

13. A.Muthu Manokar, D. Prince Winston, A.E. Kabeel, **Ravishankar Sathyamurthy**: *Sustainable fresh water and power production by integrating PV panel in inclined solar still*. Journal of Cleaner Production 11/2017;, DOI:10.1016/j.jclepro.2017.11.140
14. Mageshbabu. D, Nagarajan. P.K., Madhu. B., **Ravishankar Sathyamurthy**: *Experimental evaluation of friction factor and heat transfer enhancement of twisted tape inserts using TiO<sub>2</sub>-Water Nano fluids*. Journal of Engineering Thermophysics 11/2017; 26(4):567-579., DOI:10.1134/S1810232817040117
15. J. Subramani, P.K. Nagarajan, Omid Mahian, **Ravishankar Sathyamurthy**: *Efficiency and heat transfer improvements in a parabolic trough solar collector using TiO<sub>2</sub> nanofluids under turbulent flow regime*. Renewable Energy 11/2017;, DOI:10.1016/j.renene.2017.11.079
16. S. Suseel Jai Krishnan, P. K. Nagarajan, Rizalman Mamat, L. Vimala Devi, **S. Ravishankar**: *Synthesis, Characterization and Thermo-physical investigations on Magnesia nanoparticles dispersed in Ethylene Glycol-DI water [50:50]*. Micro & Nano Letters 11/2017;, DOI:10.1049/mnl.2017.0484
17. T. Arunkumar, R. Velraj, Gustavo Otero Prado, D. C. Denkenberger, Omid Mahian, **Ravishankar Sathyamurthy**, K. Vinothkumar, A. Ahsan: *Effects of concentrator type and encapsulated phase change material on the performance of different solar stills: An experimental approach*. Desalination and water treatment 10/2017; 87:1-13., DOI:10.5004/dwt.2017.21268
18. **Ravishankar Sathyamurthy**, S.A. Elagouz, P.K. Nagarajan, J.Subramani, T.Arunkumar, B.Madhu, Mageshbabu.D., Bharathwaaj.R., N.Prakash: *A Review of integrating solar collectors to solar still*. Renewable and Sustainable Energy Reviews 09/2017; 77:1069-1097., DOI:10.1016/j.rser.2016.11.223
19. I.K. Erabee, A. Ahsan, A.W. Zularisam, S. Idrus, N.N.N. Daud, T. Arunkumar, **R. Sathyamurthy**, A.E. Al-Rawajfeh: *A New Activated Carbon Prepared from Sago Palm Bark through Physiochemical Activated Process with Zinc Chloride*. Engineering Journal 09/2017; 21(5):1-14., DOI:10.4186/ej.2017.21.5.1
20. Hitesh Panchal, **Ravishankar Sathyamurthy**, A. K. Pandey, Mahesh Kumar, T. Arunkumar, D. K. Patel: *Annual Performance analysis of Single basin passive solar still coupled with evacuated tubes : Comprehensive study in climate conditions of Mahesana, Gujarat*. International Journal of Ambient Energy 09/2017;, DOI:10.1080/01430750.2017.1378720
21. A.Muthu Manokar, D.Prince Winston, A.E. Kabeel, **Ravishankar Sathyamurthy**, T. Arunkumar: *Different parameter and technique affecting the rate of evaporation on active solar still -A Review*. Heat and Mass Transfer 09/2017;, DOI:10.1007/s00231-017-2170-9
22. J.Subramani, P.K.Nagarajan, Somchai Wongwises, S.A. Elagouz, **Ravishankar Sathyamurthy**: *Experimental study on the thermal performance and heat transfer characteristics of solar parabolic trough collector using Al<sub>2</sub>O<sub>3</sub> nanofluids*. Environmental Progress & Sustainable Energy 09/2017;, DOI:10.1002/ep.12767
23. A.E. Kabeel, Z.M. Omara, F.A. Essa, A.S. Abdullah, T. Arunkumar, **Ravishankar Sathyamurthy**: *Augmentation of a solar still distillate yield via absorber plate coated with black nanoparticles*. AEJ - Alexandria Engineering Journal 09/2017;, DOI:10.1016/j.aej.2017.08.014
24. P. Naveen kumar, A.Muthu Manokar, Madhu. B, A.E. Kabeel, Arunkumar. T, Hitesh panchal, **Ravishankar sathyamurthy**: *Experimental investigation on the effect of water mass in triangular pyramid solar still integrated to inclined solar still*. DOI:10.1016/j.gsd.2017.08.003
25. B. Madhu, E. Balasubramanian, P.K. Nagarajan, **Ravishankar Sathyamurthy**, A.E. Kabeel, T. Arunkumar, D. Mageshbabu: *Improving the yield of fresh water from conventional and stepped solar still with different nanofluids*. Desalination and water treatment 08/2017;
26. Hitesh Panchal, **Ravishankar Sathyamurthy**: *Experimental analysis of single basin solar still with porous fins*. International Journal of Ambient Energy 07/2017;, DOI:10.1080/01430750.2017.1360206
27. Iqbal K Erabee, Amimul Ahsan, Bipin Jose, T. Arunkumar, **Ravishankar Sathyamurthy**, Syazwani Idrus, N.N. Nik Daud: *Effects of electric potential, NaCl, pH and distance between electrodes on efficiency of electrolysis in landfill leachate treatment*. Journal of Environmental Science and Health Part A 06/2017; 52(8):735-741., DOI:10.1080/10934529.2017.1303309
28. S.A. El-Agouz, **Ravishankar Sathyamurthy**, A. Muthu Manokar: *Improvement of humidification-dehumidification*

- desalination unit using a desiccant wheel*. Chemical Engineering Research and Design 06/2017;, DOI:10.1016/j.cherd.2017.06.004
29. Madhu. B, Bala subramanian. E, Nagarajan. P.K, **Ravishankar Sathyamurthy**, Mageshbabu. D: *Improving the yield of fresh water and exergy analysis of conventional solar still with different nanofluids*. FME Transactions 05/2017; 45(4):524-530., DOI:10.5937/fmet1704524M
  30. Mageshbabu. D, P.K. Nagarajan, S. Suseel Jai Krishnan, **Ravishankar Sathyamurthy**: *Enhancing the thermal performance of Al<sub>2</sub>O<sub>3</sub>/DI Water Nanofluids in Micro-Fin Tube equipped with Straight and Left-Right Twisted-Tapes in Turbulent Flow Regime*. Experimental Heat Transfer 04/2017; 30(4):267-283., DOI:10.1080/08916152.2016.1238857
  31. A.Muthu Manokar, D.Prince Winston, A.E. Kabeel, S.A. El-Agouz, **Ravishankar Sathyamurthy**, T. Arunkumar, B. Madhu, Amimul Ahsan: *Integrated PV/T solar still- A mini-review*. Desalination 04/2017;, DOI:10.1016/j.desal.2017.04.022
  32. A.E. Kabeel, Mohamed Abdelgaied, **Ravishankar Sathyamurthy**, T. Arunkumar: *Performance improvement of a hybrid air conditioning system using the indirect evaporative cooler with internal baffles as a pre-cooling unit*. AEJ - Alexandria Engineering Journal 04/2017;, DOI:10.1016/j.aej.2017.04.005
  33. Bharathwaaj.R, Nagarajan.P.K, A.E.Kabeel, Madhu.B, Mageshbabu.D, **Ravishankar Sathyamurthy**: *Formation, Characterization and theoretical evaluation of combustion of biodiesel obtained from wax esters of A.Melifera*. AEJ - Alexandria Engineering Journal 03/2017;, DOI:10.1016/j.aej.2017.03.021
  34. A.E. Kabeel, T. Arunkumar, D.C. Denkenberger, **Ravishankar Sathyamurthy**: *Performance enhancement of solar still through efficient heat exchange mechanism- A review*. Applied Thermal Engineering 03/2017; 114:815-836., DOI:10.1016/j.applthermaleng.2016.12.044
  35. P.K. Nagarajan, S.A. El-Agouz, D.G.Harris Samuel, Edwin. M., Madhu.B., Magesh babu. D, **Ravishankar Sathyamurthy**, Bharathwaaj. R: *Analysis of an inclined solar still with baffles for improving the yield of fresh water*. Process Safety and Environmental Protection 01/2017; 105:326-337., DOI:10.1016/j.psep.2016.11.018
  36. Madhu. B., P.K. Nagarajan, Edwin. M., S.A. El-Agouz, Amimul Ahsan, Mageshbabu.D., **Ravishankar Sathyamurthy**: *Experimental Investigations on Conventional Solar Still with Sand Heat Energy Storage*. International Journal of Heat and Technology 12/2016; 34(4):597-603., DOI:10.18280/ijht.340407
  37. Arunkumar. T, R. Velraj, David Denkenberger, **Ravishankar Sathyamurthy**: *Influence of crescent shaped absorber in water desalting system*. Desalination 11/2016; 398:208-213., DOI:10.1016/j.desal.2016.07.039
  38. Ashis K Bala, Quazi H Bari, Amimul Ahsan, Moetaz M ElSergany, **Ravishankar Sathyamurthy**, Mohamed A Bek, Md K Rowshon, Jayanta Mallick, Nik Norsyahariati Nik Daud: *Chemical Characteristics of Native Soil in Shrimp Gher and Agricultural Land*. Engineering Journal 05/2016; 20(2):1-15., DOI:10.4186/ej.2016.20.2.1
  39. P. Naveen Kumar, D.G. Harris Samuel, P.K. Nagarajan, **Ravishankar Sathyamurthy**: *Theoretical analysis of triangular pyramid solar still integrated to a inclined solar still with baffles*. International Journal of Ambient Energy 04/2016;, DOI:10.1080/01430750.2016.1181569
  40. T. Arunkumar, R. Velraj, David Denkenberger, **Ravishankar Sathyamurthy**, K. Vinoth Kumar, Amimul Ahsan: *Productivity enhancements of compound parabolic concentrator tubular solar stills*. Renewable Energy 04/2016; 88:391-400., DOI:10.1016/j.renene.2015.11.051
  41. D.G. Harris Samuel, P.K. Nagarajan, **Ravishankar Sathyamurthy**, S.A. El-Agouz, Kannan. E.: *Improving the yield of fresh water in conventional solar still using low cost energy storage material*. Energy Conversion and Management 03/2016; 112:125-134., DOI:10.1016/j.enconman.2015.12.074
  42. P.K. Nagarajan, S.A. El-Agouz, T. Arunkumar, **Ravishankar Sathyamurthy**: *Theoretical approach on the effect of cover cooling in triangular pyramid solar still*. International Journal of Ambient Energy 02/2016;, DOI:10.1080/01430750.2016.1159609
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44. **R. Sathyamurthy**, P. K. Nagarajan, H. J. Kennady, Ravikumar, V. Paulson, A. Ahsan: *Enhancing the heat transfer of triangular pyramid solar still using phase change material as storage material.*
45. D.G. Harris Samuel, P.K. Nagarajan, Arunkumar. T, E. Kannan, **Ravishankar Sathyamurthy**: *Enhancing the solar still yield by increasing the surface area of water –A Review.* Environmental Progress & Sustainable Energy 12/2015;, DOI:10.1002/ep.12280
46. T. Arunkumar, R. Velraj, Amimul Ahsan, A.J.N. Khalifa, S. Shams, D.Denkenberger, **Ravishankar Sathyamurthy**: *Effect of parabolic solar energy collectors for water distillation.* Desalination and water treatment 11/2015;, DOI:10.1080/19443994.2015.1119746
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48. Arunkumar. T., David Denkenberger, Velraj, **Ravishankar Sathyamurthy**, Hiroshi Tanaka, K. Vinoth Kumar: *Experimental study on a parabolic concentrator assisted solar desalting system.* Energy Conversion and Management 11/2015; 105:665-674., DOI:10.1016/j.enconman.2015.08.021
49. **Ravishankar Sathyamurthy**, P.K. Nagarajan, D. Vijayakumar: *Experimental Validation of Fresh Water Production Using Triangular Pyramid Solar Still with PCM Storage.* 10/2015; 20:51-58., DOI:10.4028/www.scientific.net/JERA.20.51
50. **Ravishankar Sathyamurthy**, Harris Samuel. D.G., Nagarajan.P.K., S.A.Elouguz: *A Review of Different Solar Still for Augmenting Fresh Water Yield.* Journal of Environmental Science and Technology 09/2015; 8(6), DOI:10.3923/jest.2015.244.265
51. **Ravishankar Sathyamurthy**, Harris Samuel.D.G., Nagarajan.P.K.: *Theoretical analysis of inclined solar still with baffle plates for improving the fresh water yield.* Process Safety and Environmental Protection 08/2015;, DOI:10.1016/j.psep.2015.08.010
52. **Ravishankar Sathyamurthy**, S.A. El-Agouz, Vijayakumar Dharmaraj: *Experimental analysis of a portable solar still with evaporation and condensation chambers.* Desalination 07/2015; 367:180-185., DOI:10.1016/j.desal.2015.04.012
53. **Ravishankar Sathyamurthy**, P. K. Nagarajan, S. A. El-Agouz, Venu Jaiganesh, P. Sathish Khanna: *Experimental investigation on a semi-circular trough-absorber solar still with baffles for fresh water production.* Energy Conversion and Management 06/2015; 97:235-242., DOI:10.1016/j.enconman.2015.03.052
54. **Ravishankar Sathyamurthy**, Harris Samuel. D. G., Nagarajan P. K., Venu Jaiganesh: *Experimental investigation on a semi circular trough solar water heater.* Applied Solar Energy 04/2015; 51(2):94-98., DOI:10.3103/S0003701X15020152
55. **Ravishankar Sathyamurthy**, S.A.Hari Krishnan: *Investigation on LPG-Bio gas Blends in Spark Ignition Engine.* International Journal of Engineering Research in Africa 03/2015; 14:58-62., DOI:10.4028/www.scientific.net/JERA.14.58
56. P.K.Nagarajan, J.Subramani, S.Suyambazhahan, **Ravishankar Sathyamurthy**: *Nanofluids for Solar Collector Applications: A Review.* Energy Procedia 01/2015; 61(C):2416-2434., DOI:10.1016/j.egypro.2014.12.017
57. Murugesan.V, Seralathan.S, **Ravishankar Sathyamurthy**: *Theoretical Studies of an Improved Inclined Solar Still with Baffle Plates.* International Journal of Applied Engineering Research 01/2015; 10(13):11439-11444.
58. **Ravishankar Sathyamurthy**, Hyacinth J kennady, P.K.Nagarajan, Amimul Ahsan: *Erratum to ‘Factors affecting the performance of triangular pyramid solar still’ [Desalination 344 (2014) 383–390].* Desalination 08/2014; 347:165., DOI:10.1016/j.desal.2014.05.042
59. **Ravishankar Sathyamurthy**, Hyacinth J Kennady, P.K.Nagarajan, Amimul Ahsan: *Factors affecting the performance of triangular pyramid solar still.* Desalination 07/2014; 344:383-390., DOI:10.1016/j.desal.2014.04.005
60. P.K. Nagarajan, D. Vijayakumar, V. Paulson, R.K. Chitharthan, Y. Narashimulu, Ramanarayanan, **R. Sathyamurthy**: *Theoretical characterization of ethylene glycol nano fluid for automobiles.* Research Journal of Pharmaceutical, Biological and Chemical Sciences 01/2014; 5(2):772-777.
61. P.K. Nagarajan, D. Vijayakumar, V. Paulson, R.K. Chitharthan, Y. Narashimulu, Ramanarayanan, **R. Sathyamurthy**: *Performance evaluation of triangular pyramid solar still for enhancing productivity of fresh water.* Research Journal of

Pharmaceutical, Biological and Chemical Sciences 01/2014; 5(2):764-771.

62. **Ravishankar Sathyamurthy**: *Enhancement of fresh water production on triangular pyramid solar still using phase change material as storage material*. *Frontiers in Heat and Mass Transfer* 01/2014; 5(1):7., DOI:10.5098/hmt.5.3
63. Baskar.P, Edison.G, Ravikumar.T.S, **Ravishankar Sathyamurthy**: *Modeling, simulation and performance analysis of porous disc receiver for solar parabolic trough collector*. *International Journal of Scientific and Engineering Research* 12/2013; 4(12):108-111.
64. **Ravishankar Sathyamurthy**, Nagaraja.P.K, Vijayakumar.D, Jawahar.M.K: *Phase Change Material on Augmentation of Fresh Water Production Using Pyramid Solar Still*. 10/2013; 2(3):115-120., DOI:10.14710/ijred.2.3.115-120

## Patents

1. **Ravishankar Sathyamurthy**, Harris Samuel. D.G.: *DESIGN OF EFFECTIVE COVER COOLING IN A SOLAR PV PANEL WITH BAFFLES CUM DISTILLATION SYSTEM*. Ref. No: E-2/2051/2016-CHE, Year: 01/2016
2. **Ravishankar Sathyamurthy**, Harris Samuel D.G.: *DESIGN AND DEVELOPMENT OF DOUBLE BASIN SOLAR STILL WITH THERMO ELECTRIC MODULE WITH CONDENSING CHAMBER*. Ref. No: E-2/2047/2016-CHE, Year: 01/2016

## Conference Proceedings

1. A.E. Kabeel, S.A. El-Agouz, T. Arunkumar, **Ravishankar Sathyamurthy**: *ENHANCING THE PERFORMANCE OF SINGLE SLOPE SOLAR STILL USING JUTE CLOTH KNITED WITH SAND HEAT ENERGY STORAGE*. Twentieth International Water Technology Conference, IWTC2017, Egypt; 05/2017
2. Baskar S, Nagabooshnam N, Bharathwaaj R, **Ravishankar Sathyamurthy**, Muthu Manohar, Prakash N: *Effect of Fly Ash on Mechanical Properties of Compacted Magnesium Reinforced With SiC Particles*. International Conference on Advances in Materials, Manufacturing and Applied Sciences 2017; 03/2017
3. B. Madhu, P.K. Nagarajan, E. Balasubramanian, **Ravishankar Sathyamurthy**, A.E. Kabeel, T. Arunkumar, D. Mageshbabu: *Improving the yield of fresh water from conventional and stepped solar still with different nanofluids*. International Conference on Water, Energy and Environment, Sharjah; 02/2017
4. D. Vijayakumar, Nagarajan.P.K., Madhu. B., D. Magesh babu, **Ravishankar sathyamurthy**, R. Bharathwaaj: *Experimental analysis of inclined solar water heater with baffles and flat absorber*. National Conference on Modernisation, Dynamuzation, Mechanisation and Structurilization towards future-realising vision 2020; 02/2017
5. **Ravishankar Sathyamurthy**, Vijayakumar Dharmaraj, Paul James Thadhani: *Thermal and wear analysis on the effect of different compositions of flyash in Mg/SiC composite*. ICCS18 - 18th International Conference on Composite Structures,, Libson, Portugal; 06/2015
6. **Ravishankar Sathyamurthy**, Vijayakumar Dharmaraj, Paul James Thadhani: *Thermal and wear analysis on the effect of different compositions of flyash in Mg/SiC composite*. ICCS18 - 18th International Conference on Composite Structures,, Libson, Portugal; 06/2015
7. **Ravishankar Sathyamurthy**, Nagarajan.P.K, Subramani.J, Vijayakumar.D, Mohammed ashraf ali: *Effect of water mass on triangular pyramid solar still using phase change material as storage medium*. International conference on applied energy 2014; 06/2014
8. **Ravishankar Sathyamurthy**, Hyacinth J. Kennady, P. K. Nagarajan: *Effect of phase change material on augmentation of fresh water production of a triangular pyramid solar still*. IV th International Conference on Advances in Energy Research Indian Institute of Technology Bombay, Mumbai, Indian Institute of Technology Bombay; 12/2013



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