

Publications List of Dr C Chiranjeevi in the Last 5 years

1. Energy efficiency assessment in siltation affected hydroelectric dams.
RR Bharadwaj, **C Chiranjeevi**, MS Gupta, B Subbaratnam
AIP Conference Proceedings 2317 (1), 050015 - **(2021)**
2. Performance optimization of a heat pump for high temperature application.
S Malavika, **C Chiranjeevi**, YR Sekhar, T Srinivas, M Natarajan,
Materials Today: Proceedings - **(2020)**
3. Experimental investigations on the performance of solar photovoltaic system for different industrial weather conditions with dust accumulation.
A Joshi, **C Chiranjeevi**, T Srinivas, YR Sekhar, M Natarajan, NA San
Materials Today: Proceedings - **(2020)**
4. Experimental and numerical study of a falling film heat exchanger used in a vapour absorption refrigeration system.
A Ravi, **C Chiranjeevi**, T Srinivas, RTK Raj, YR Sekhar, M Natarajan, ...
Materials Today: Proceedings- **(2020)**
5. Experimental investigation on a hybrid desalination and cooling unit using humidification-dehumidification technique.
C Chiranjeevia, T Srinivasb, R Shankara
Desalination and Water Treatment 156, 148-160 2019
6. Experimental investigation on a coconut coir packed humidifier for a solar desalination plant.
C Chiranjeevi, T Srinivas, A Raj, R Shankar
Progress in Industrial Ecology, an International Journal 13 (3), 280-291 - **(2019)**
7. Success Cases of Rice Farmers under RKVY Scheme at DAATTC, Ranga Reddy District India.
N Praveen, P Ammaji, **CH Chiranjeevi**, JS Sudharani
Int. J. Curr. Microbiol. App. Sci 7 (11), 2455-2460 2018
8. Computational Fluid Dynamics Analysis of Finned Tube Dehumidifier for Solar Humidification Dehumidification Desalination Plant.
B Monarch, V Tejasvi, **C Chiranjeevi**, T Srinivas, R Shankar
Pakistan Journal of Biotechnology 15 (Special Issue ICRAME17), 40 - 46 - **(2018)**
9. Design and development of an air humidifier using finite difference method for a solar desalination plant.
C Chiranjeevi, T Srinivas
IOP Conference Series: Materials Science and Engineering 263 (6), 062041 - **(2017)**
10. Augmented desalination with cooling integration.
C Chiranjeevi, T Srinivas
International Journal of Refrigeration 80, 106-119 - **(2017)**
11. Experimental and computational fluid dynamics studies on dehumidifier in a combined cooling and desalination plant.
S Marale, **C Chiranjeevi**, T Srinivas, R ThundilKaruppa Raj
Journal of Thermal Science and Engineering Applications 9 (1) - **(2017)**

12. Experimental analysis of augmented desalination by cooling integration.
C Chiranjeevi, T Srinivas
Energy Procedia 90, 283-291 – **(2016)**
13. Influence of vapor absorption cooling on humidification-dehumidification (HDH) desalination.
C Chiranjeevi, T Srinivas
Alexandria Engineering Journal 55 (3), 1961-1967 – **(2016)**
14. Parametric study of a two stage humidification dehumidification desalination plant.
C Chiranjeevi, T Srinivas
Journal of Chemical and Pharmaceutical Sciences 2 (Special Issue2), 19 – 24 – **(2016)**
15. Exergy analysis of dehumidifier in a combined two stage desalination and cooling plant
C Chiranjeevi, T Srinivas
Journal of Chemical and Pharmaceutical Sciences ISSN 3 (Special Issue3) – **(2016)**
16. Experimental and simulation studies on two stage humidification–dehumidification desalination and cooling plant.
C Chiranjeevi, T Srinivas
Desalination 376, 9-16 – **(2015)**
17. Effect of Cooling System on the Performance of Dehumidifier in a Desalination Plant.
C Chiranjeevi, T Srinivas, A Singh
Proceedings of RESE2015 – **(2015)**