

JOURNALS			Citations
23	2022	Ramu Srikakulapu, Vivekanandan Subburaj, S. Sujith, Mohammad Shahid, Javed Khan Bhutto, G. Charan kumar, Abhishek Dasore , Abdul Razak, C. Ahamed Saleel. Modelling farm-based electric vehicles on charging systems for power distribution networks with dynamic grid interactions, <i>Ain Shams Engineering Journal</i> , https://doi.org/10.1016/j.jasej.2022.102046	
22	2022	Mohammed Anees Sheik, MK Aravindan, Erdem Cuce, Abhishek Dasore , Upendra Rajak, Saboor Shaik, A Muthu Manokar, Saffa Riffat. A comprehensive review on recent advancements in cooling of solar photovoltaic (PV) systems using phase change materials (PCMs), <i>International Journal of Low-Carbon Technologies</i> , 2022; ctac053, https://doi.org/10.1093/ijlct/ctac053	
21	2022	Upendra Rajak, Prerana Nashine, Prem Kumar Chaurasiya, Tikendra Nath Verma, Abhishek Dasore , Kamal Kishore Pathak, Gauav Dwivedi, Anoop Kumar Shukla, Gaurav Saini. The effects on performance and emission characteristics of DI engine fuelled with CeO ₂ nanoparticles addition in diesel/tyre pyrolysis oil blends, <i>Environment, Development and Sustainability</i> . https://doi.org/10.1007/s10668-022-02358-8	
20	2022	Abhishek Dasore , U Rajak, M Panchal, VN Reddy, TN Verma, PK Chaurasiya. Prediction of overall characteristics of a dual fuel CI engine working on low-density ethanol and diesel blends at varying compression ratios, <i>Arabian Journal for Science and Engineering</i> . https://doi.org/10.1007/s13369-022-06625-8	1
19	2022	NJ Rathod, MK Chopra, PK Chaurasiya, US Vidhate, Abhishek Dasore . Optimization on the Turning Process Parameters of SS 304 Using Taguchi and TOPSIS, <i>Annals of Data Science</i> , https://doi.org/10.1007/s40745-021-00369-2	
18	2022	SM Karishma, U Rajak, BK Naik, Abhishek Dasore , R Konijeti. Performance and emission characteristics assessment of compression ignition engine fuelled with the blends of novel antioxidant catechol-daok biodiesel, <i>Energy</i> , Vol. 245, pp. 123304	8
17	2022	Upendra Rajak, Abhishek Dasore , Prem Kumar Chaurasiya, Tikendra Nath Verma, Prerana Nashine, Anil Kumar. Effects of microalgae -ethanol-methanol-diesel blends on the spray characteristics and emissions of a diesel engine, <i>Environment, Development and Sustainability</i> , https://doi.org/10.1007/s10668-021-01998-6	
16	2022	U Rajak, P Nashine, Abhishek Dasore , TN Verma. Utilization of renewable and sustainable microalgae biodiesel for reducing the engine emissions in a diesel engine, <i>Fuel</i> , Vol. 311, pp. 122498.	3
15	2022	U Rajak, Ü Ağbulut, I Veza, Abhishek Dasore , S Sarıdemir, TN Verma. Numerical and experimental investigation of a CI engine behaviours supported by zinc oxide nanomaterial along with diesel fuel, <i>Energy</i> , Vol. 239, Part E, pp. 122424.	18
14	2021	TN Verma, U Rajak, Abhishek Dasore , A Afzal, AM Manokar, A Aabid, M Baig. Experimental and empirical investigation of a CI engine fuelled with blends of diesel and roselle biodiesel, <i>Scientific Reports (Nature Portfolio)</i> , Vol. 11, 18865, pp. 1-23.	5
13	2021	TS Singh, U Rajak, Abhishek Dasore , M Muthukumar, TN Verma. Performance and ecological parameters of a diesel engine fueled with diesel and plastic pyrolyzed oil (PPO) at variable working parameters, <i>Environmental Technology & Innovation</i> , Vol. 22, 101491: pp. 1-16.	24

- 12 2020 **Abhishek Dasore**, R Konijeti, T Polavarapu, N Puppala. Convective hot air-drying kinetics of red beetroot in thin layers, *Frontiers in Heat and Mass Transfer* Vol. 14, pp. 1-8. 10
- 11 2020 **Abhishek Dasore**, K Ramakrishna, BK Naik. Evaluation of heat and mass transfer coefficients at beetroot-air interface during convective drying, *Interfacial Phenomena and Heat Transfer*, Vol. 8, No. 4, pp. 303-319 19
- 10 2020 **Abhishek Dasore**, K Ramakrishna, TNV P, P Naveen. A novel empirical model for drying of root vegetables in thin-layers, *International Journal of Scientific and Technology Research*, Vol. 9, No. 1, pp. 2639-2642. 7
- 9 2019 **Abhishek Dasore**, R Konijeti, N Puppala. Experimental investigation and mathematical modeling of convective drying kinetics of white radish, *Frontiers in Heat and Mass Transfer* Vol. 13, pp. 1-8. 11
- 8 2019 MC Returi, R Konijeti, **Abhishek Dasore**. Heat transfer enhancement using hybrid nanofluids in spiral plate heat exchangers, *Heat Transfer – Asian Research*, Vol. 48, No. 7, pp. 3128-3143. 26
- 7 2019 JR Konda, MR NP, R Konijeti, **Abhishek Dasore**. Effect of non-uniform heat source/sink on MHD boundary layer flow and melting heat transfer of Williamson nanofluid in porous medium, *Multidiscipline Modeling in Materials and Structures*, Vol. 15, No. 2, pp. 452-472. 15
- 6 2019 **Dasore A**, K Ramakrishna. Numerical simulation of air temperature and air flow distribution in a cabinet Tray Dryer, *International Journal of Innovative Technology and Exploring Engineering*, Vol. 8, No. 11, pp. 1836-1840.
- 5 2019 **Dasore A**, K Ramakrishna, P Naveen. Method for determining the appropriate thin layer drying model for a feedstock, *International Journal of Recent Technology and Engineering*, Vol. 8, No. 3, pp. 3627-3632. 6
- 4 2018 **Dasore A**, K Ramakrishna, P Naveen. A panorama of ideas in the adoption of an effective and efficient drying technique for an agricultural produce, *International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)*, Vol 8, No. 9, pp. 955-962. 6
- 3 2018 KJ Reddy, NP Madhusudhana Reddy, RK Konijeti, **Abhishek Dasore**. Numerical Investigation of chemical Reaction and Heat Source on radiating MHD stagnation point flow of Carreau Nanofluid with suction/injection, *Defect and Diffusion Forum*, Vol 388, pp. 171-189, Trans Tech Publications, Switzerland. 10
- 2 2018 RM Venkateswara, K Ramakrishna, **Abhishek Dasore**. Thermal design of spiral plate heat exchanger through numerical modelling, *Int. J. Mechanical Engineering and Technology*, Vol 9, No 7, July 2018, pp 736-745. 24
- 1 2018 S Gupta, NK Karanam, R Konijeti, **Abhishek Dasore**. Thermodynamic analysis and effects of replacing HFC by fourth generation refrigerants in VCR systems, *Int. J. of Air-conditioning and Refrigeration*, Vol 26, No 1, 2018, pp 1850013-1 to 1850013-12 26