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### **List of Publications:**

1. N Gunasekar, M Mohanraj, V Velmurugan “Artificial neural network modeling of a photovoltaic-thermal evaporator of solar assisted heat pumps” Energy 93, 908-922 [2015]
2. M Mohanraj, N Gunasekar, V Velmurugan “Comparison of energy performance of heat pumps using a photovoltaic–thermal evaporator with circular and triangular tube configurations” Building Simulation 9 (1), 27-41 [2016]
3. TSK S. Nishanth, N. Gunasekar, S. Nanthakumar, R. Prakash “Experimental investigation on performance and emission characteristics of VCR engine working with biodiesel and Diethyl Ether” Materials Today: Proceedings [2020]
4. RP M. Gowtham, N. Gunasekar “Experimental Investigations on a Direct Injection Diesel Engine Fuelled With Mixed Biodiesel” Materials Today: Proceedings 5, 14590–14596 [2018]
5. LSK N. Gunasekar, C.G. Mohan, R. Prakash “Utilization of coconut shell pyrolysis oil diesel blends in a direct injection diesel engine” Materials Today: Proceedings [2020]
6. R Prakash, R Siddharth, N Gunasekar “Cracking of Toxic Waste” Energy from Toxic Organic Waste for Heat and Power Generation, 139-149 [2019]
7. RP N. Gunasekar, M. Mohanraj, G. Sathish Sharma “EXERGY ANALYSIS OF SOLAR PHOTO VOLTAIC THERMAL HYBRID HEAT PUMP WORKING WITH CIRCULAR AND TRIANGULAR EVAPORATOR TUBE CONFIGURATIONS” Pakistan Journal of Biotechnology 15, 18-21 [2018]

8. NG B Anirudh, M. Gowtham, C.G. Mohan , R.Prakash “EFFECT OF FUMIGATED BIODIESEL ON THE PERFORMANCE AND EMISSION CHARACTERISTICS OF A SINGLE CYLINDER DIESEL ENGINE” International Journal of Mechanical Engineering and Technology 8 (12), 847-855 [2017]
9. MM N. Gunasekar “PERFORMANCE ANALYSIS OF SOLAR PHOTOVOLTAIC-THERMAL HYBRID HEAT PUMP WORKING WITH CIRCULAR AND TRIANGULAR EVAPORATOR TUBE CONFIGURATION” International Journal of Pharmacy & Technology 8 (4), 21737-21748 [2016]