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Experience:

Industry: 4 Years
Teaching: 20 Years

Research area: Alternate Fuels/ Thermal/ Energy

Recent Publications

1. Manokar, A. Muthu, Yazan Taamneh, Abd Elnaby Kabeel, D. Prince Winston, **P. Vijayabalan**, D. Balaji, Ravishankar Sathyamurthy, S. Padmanaba Sundar, and D. Mageshbabu. "Effect of water depth and insulation on the productivity of an acrylic pyramid solar still – An experimental study." *Groundwater for Sustainable Development* 10(2020): 100319.
2. Karuppan, Devanesan, A. Muthu Manokar, **P. Vijayabalan**, Ravishankar Sathyamurthy, B. Madhu, D. Mageshbabu, R. Bharathwaaj, and S. Jenoris Muthiya. "Experimental investigation on pressure and heat release HCCI engine operated with chicken fat oil/diesel-gasoline blends." *Materials Today: Proceedings* (2020).
3. Prabakaran, B., **P. Vijayabalan**, and M. Balachandar. "An assessment of diesel ethanol blend fueled diesel engine characteristics using butanol as cosolvent for optimum operating parameters." *Energy Sources Part A-Recovery Utilization and Environmental Effects* (2019).
4. Viswanath K. Kaimal, **P. Vijayabalan**, "An investigation on the effects of using DEE additive in a DI diesel engine fuelled with waste plastic oil" *Fuel*, Volume 180, 15 September 2016, Pages 90-96 (Impact Factor 3.52).
5. Viswanath K. Kaimal, **P. Vijayabalan**, "A study on synthesis of energy fuel from waste plastic and assessment of its potential as an alternative fuel for diesel engines" *Waste Management*, Volume 51, May 2016, Pages 91-96 (Impact Factor 3.22).