Individual Bio data



Name : VELUKUMAR V

Designation : ASSISTANT PROFESSOR

Address : No. 1/10, Perumal Kovil Street
Nemallure Village, Madarpakkam
Gummidipoondi (Taluk)
Thiruvallur (Dist), PIN: 601202

Contact

Telephone (O) :-
Telephone (R) :-
Mobile : 9626971397
Email : velukumar@tnfu.ac.in

Qualification : Master of Engineering

Field of Specialization : Thermal Engineering

Major : Mechanical Engineering

Specializing field : Engineering Thermodynamics, Thermal Engineering, Heat and Mass transfer

Experience (in years) : 4 years

Current projects : Nil

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs)	Funding Agency
	Nil				

Completed projects : (Please provide max 10)

Sl.No.	Title of the Project	Year	PI & Co- PI of the Project	Funds (in Rs)	Funding Agency
	Nil				

Research publications (max – 10) :
(You may provide your recent 10 best publications in bibliography format)

1. S. Mathavana, T. Mothilal, V. Andal and **V. Velukumar (2021),** "Experimental Investigation on Emission Characteristics of Diesel N-Pentanol Blend in Homogeneous Charged Compression Ignition Engine", International Journal of Vehicle Structures & Systems.

2. **V.Velukumar** (2020), "Pyrolysis of Polyethylene Waste Material – Analysis and Comparison of Pyrolysis Oil with Diesel", International Research Journal of Engineering and Technology, Vol.7, issue:01.

3. **V.Velukumar** (2019), "Improving the Performance of Boiler by Reducing Heat Loss Using Soot Blower", Eleyon Engineering Reports.

4. T.Mothilal, K.Pitchandi**, V.Velukumar** and K.Parthiban (2018), "CFD and Statistical Approach for optimization of operating parameters in a Tangential Cyclone Heat Exchanger", Journal of Applied Fluidmechanics, Vol.11, No.2, pp. 459-466.

5. T.Mothilal, K.Pitchandi, **V.Velukumar** (2016), "Effect of Cyclone Height on Holdup Mass and Heat Transfer Rate In Solid Cyclone Heat Exchanger CFD Approach", ARPN Journal of Engineering and Applied sciences.

6. T.Mothilal, K.Pitchandi, **V.Velukumar** (2015), "Influence of Vortex Finder Diameter and cone tip diameter on Holdup Mass and Heat Transfer rate in Cyclone- CFD Approach", International Journal of Applied Engineering Research.

7. T.Mothilal, K.Pitchandi, **V.Velukumar** (2015), "The effect of Vortex finder diameter and Inlet height on holdup mass and heat transfer characteristics in a cyclone heat exchanger – CFD Approach",International Journal of Applied Engineering Research.

Honours and Awards
(Including patents)

1. Awarded "Best Paper presenter" in International Conference on Advances in Biotechnology, Civil & Mechanical Science (ICABCMS-2017) – Selvam College of Technology, Namakkal on 17 &18 March 2017.