

### **Publications List of Dr Karthikeyan C P in the Last 5 years**

1. Transient numerical analysis of thermophoresis and particle dynamics in a Nano fluid – pool boiling conditions.  
AAS **C P Karthikeyan**, G Kalpana, V Krishnamoorthy  
Journal of Molecular Liquids 301 (112459), 1-14 - **2020**
2. Analysis of diabetic retinopathy using naive bayes classifier technique.  
V Sudha, **C Karthikeyan**  
International Journal of Engineering Technology 7 (2.21), 440-442 - **2018**
3. Investigation of radiative cooling using a photonic composite material for water harvesting.  
STG Krishna Teja, **CP Karthikeyan**, S Kumar  
International Journal of Engineering 30 (10), 1573-1582 - **2017**
4. Shape memory effect and performance of a nitinol engine  
P Vyavahare, **C Karthikeyan**  
Australian Journal of Engineering and Technology Research 2, 109-119 - **2017**
5. Numerical Modeling of Thermophoresis and Diffusiophoresis in Water-Alumina Nano Fluids.  
N Gobinath, **CP Karthikeyan**  
Nano Hybrids and Composites 17, 24-30 - **2017**
6. Heating and Cooling Mechanisms of Nano Fluids: Experimental Investigation  
N Gobinath, **CP Karthikeyan**  
Nano Hybrids and Composites 17, 44-54 - **2017**
7. Diagnosis of Hepatitis using Decision tree algorithm.  
VS Sowmien, V Sugumaran, **CP Karthikeyan**, TR Vijayaram  
International Journal of Engineering and Technology (IJET) 8 (3) - **2016**
8. Finite Element Analysis of Particle Impact on Substrates Using HVOF Thermal Spray Coating.  
V Shelar, D Davidson Jebaseelan, **CP Karthikeyan**, J Stokes  
Applied Mechanics and Materials 852, 446-451 – **2016**
9. Activities of daily life (ADL) recognition using wrist-worn accelerometer.  
KR Kanna, V Sugumaran, T Vijayaram, **C Karthikeyan**  
Int. J. of Eng. and Technology 4 (3), 1406-1413 - **2016**
10. Influence of refrigerant (R134a/R1234yf) properties on cooling performance of an automobile HVAC.  
CS Rajamanickam, **CP Karthikeyan**, AA Samuel  
Int. J. Appl. Eng. Res 11 (5), 3703-3707 - **2016**