

## CENTRE FOR RESEARCH



ANNA UNIVERSITY, CHENNAI – 600 025

### LIST OF PUBLICATION OF DC MEMBER



Name of the Scholar : Vinitha T

Programme : Ph.D. (PT)

Research Topic : Studies on Tribological Behavior of Bio-Based Polymer Composites

Name of the Supervisor: Dr. M. RAMESH / 2620070

### Member from Anna University and Affiliated Colleges

Name of the member: Dr. G. Suresh Kannan

| S.No | Title   | Year of Publication |
|------|---|---------------------|
| 1    | Rajendran, Shenbagaraj, SureshKannan Gurusamy, Vellingiri Sakthivel, and Hariharan Natarajan. "Enhancing Liquefied Petroleum Gas utilization in Compression-Ignition engine powered with Renewable Fuel under Dual Fuel concept-An Experimental Study." <i>Energy Sources, Part A: Recovery, Utilization, and Environmental Effects</i> (2020): 1-18. | 2020                |
| 2    | Sivalingam, S., Sureshkannan, G., Balaji, D., & Rajeshkumar, L. (2020). Influence of filler wire on mechanical and metallurgical behaviour of Inconel 690 alloy welded by pulsed current gas tungsten arc welding. <i>Tierarztilich Praxis</i> , 40(1), 69-82.  | 2020                |
| 3    | Sivarathinamoorthy, H., & Sureshkannan, G. (2020). The influence of internal heat storage material and longitudinal fins on a double-pass solar air heater performance. <i>Journal of Solar Energy Engineering</i> , 1-18.  | 2020                |
| 4    | Murugasen, V., & Karthikeyan, M. (2020). Design and Experimental Investigation of Single and Three-Stage Cascade Heat Pipe Using Three Fluids. <i>Solid State Technology</i> , 63(6), 5678-5695.  | 2020                |
| 5    | Manikanda Prabu, N., Sureshkannan, G., Maniiarasan, P., & Thangarasu, V. S. (2019). Experimental Study on Heat Treatment of SS 420 and EN 24 Using Nanoparticulate Quenching Process. <i>International Journal of Nanoscience</i> , 18(06), 1850040.  | 2019                |
| 6    | Haldorai, Sivarathinamoorthy, Sureshkannan Gurusamy, and Maruthaiyan Pradhapraj. "A review on thermal energy storage systems in solar air heaters." <i>International Journal of Energy Research</i> 43, no. 12 (2019): 6061-6077.   | 2019                |
| 7    | Sureshkannan, G., Kalaivanan, M., & Ragul, T. (2019). Diesel-Rk Analysis and Experimental Investigation of Single Cylinder  | 2019                |

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|----|---|------|
|    | Variable Compression Ratio Diesel Engine. <i>International Research Journal of Automotive Technology</i> , 2(3), 1-6.   |      |
| 8  | Pcgtaw, V. A. V. S. P. (2019). Effect of Pcgtaw On The Inconel 690 Alloy With Respect To Microsegregation Attainment In Comparison With The Base Metal Processed With Autogenous Welding. <i>Materiali in tehnologije</i> , 53(1), 9-15.  | 2019 |
| 9  | Anburose, D., Prabu, N. M., Thangarasu, V. S., & Sureshkannan, G. (2019). Review on extrusion of magnesium matrix nano composites. <i>International Journal of Nanomanufacturing</i> , 15(3), 334-342.  | 2019 |
| 10 | Subramaniam <sup>1</sup> , Thangarasu, Dhandapani Velliangiri, and Sureshkannan Gurusamy. "A Study of Modeling and Finite Element Analysis of Automotive Vehicle Wheel Rim Assembly for the Deformation and Various Stress Distribution." <i>Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March</i> 29 (2016): 33. | 2016 |
| 11 | Dhandapani, N., Thangarasu, V., Sureshkannan, G., & Sivasubramanian, R. (2016). Optimization of Cutting Parameters on High-Speed CNC Milling of Alloy Steel EN24, Using Box–Behnken Based Response Surface Methodology. <i>Journal of the Balkan Tribological Association Vol</i> , 22(4), 3240-3256.           | 2016 |
| 12 | Thangarasu <sup>1</sup> , V. S., Dhandapani, N. V., & Sureshkannan, G. (2016). Design, Coupled Field Simulation and Implementation of Micro-Electro Mechanical Gripper by Finite Element Method Approach. <i>Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March</i> , 34, 37.                                      | 2016 |
| 13 | Thangarasu, V. S., Sureshkannan, G., & Dhandapani, N. V. (2015). Design and experimental investigation of forward curved, backward curved and radial blade impellers of centrifugal blower. <i>Australian Journal of Basic and Applied Sciences</i> , 9(1), 71-75.  | 2015 |
| 14 | Dhandapani, N. V., Thangarasu, V. S., & Sureshkannan, G. (2015). Investigation on effect of material hardness in high speed CNC end milling process. <i>The scientific world journal</i> , 2015.  | 2015 |