

Dr.G.SureshKannan

Associate Professor (CAS)

Department of mechanical engineering

Coimbatore Institute of technology

Coimbatore 641014

LIST OF RECENT PUBLICATION

1. H Sivarathinamoorthy, **G Sureshkannan** The influence of internal heat storage material and longitudinal fins on a double-pass solar air heater performance (2021) Journal of Solar Energy Engineering volume:143 issue: 1
2. **G Sureshkannan**, K Karthik Selection of one Suitable Piston Bowl Chamber among Three Different Swirl Ratio Piston Bowls for Ethanol direct injection on CI Engine (2020) Solid State Technology volume:63 issue: 6 pages: 7979-7997
3. Shenbagaraj Rajendran, **SureshKannan Gurusamy**, Vellingiri Sakthivel, Hariharan Natarajan Enhancing Liquefied Petroleum Gas utilization in Compression-Ignition engine powered with Renewable Fuel under Dual Fuel concept-An Experimental Study(2020) Energy Sources, Part A: Recovery, Utilization, and Environmental Effects pages:1-18
4. D Balaji L Rajeshkumar S sivalingam, **G Sureshkannan** Influence Of Filler Wire On Mechanical And Metallurgical Behaviour Of Inconel 690 Alloy Welded By Pulsed Current Gas Tungsten Arc Welding(2020) Tierärztliche Praxis volume:40 issue:1 pages:69-82
5. Prabu N Manikanda, **G Sureshkannan**, S Suresh, Kumar AP Senthil Heat transfer analysis of looped micro heat pipes with graphene oxide Nanofluid for Li-ion battery (2020) Thermal Science issue:00 pages:218-218
6. **G. Sureshkannan** N. Manikanda Prabu, S. Nallusamy Investigation of Heat Transfer Enhancement Effect on Normal and Nano Coated Wick Structure Heat Pipes-A Comparative Assessment(2020) International Journal of Engineering Research in Africa volume:51 pages:191-198
7. K. Karthik Velliangiri Murugasen, **Sureshkannan Gurusamy**, M. Karthikeyan Design and Experimental Investigations of Single and Multi-Stage SPC- Cascade High Temperature Heat Pipe(2020) Tierärztliche Praxis volume:40 pages:1986-2001

8. **Sureshkannan Gurusamy** Velliangiri Murugasen, M. Karthikeyan, K, Karthik Design and Experimental Investigation of Single and Three-Stage Cascade Heat Pipe Using Three Fluids (2020) Solid State Technology volume:63 issue:6
9. N Manikanda Prabu, **G Sureshkannan**, P Maniiarasan, VS Thangarasu Experimental Study on Heat Treatment of SS 420 and EN 24 Using Nanoparticulate Quenching Process (2019) International Journal of Nanoscience volume:18 issue:06 pages:1850040
10. Sivarathinamoorthy Haldorai, **Sureshkannan Gurusamy**, Maruthaiyan Pradhapraj A review on thermal energy storage systems in solar air heaters(2019) International Journal of Energy Research volume:43 issue:12 pages:6061-6077
11. **G Sureshkannan**, M Kalaivanan, T Ragul Diesel-Rk Analysis and Experimental Investigation of Single Cylinder Variable Compression Ratio Diesel Engine (2019) International Research Journal of Automotive Technology volume:2 issue:3 pages:1-6
12. Sengottaiyan Sivalingam, **Gurusamy Sureshkannan** Effect of pcgtaw on the inconel 690 alloy with respect to microsegregation attainment in comparison with the base metal processed with autogenous welding (2019) Materials and technology volume: 53 issue:1 pages:9-15
13. Dhandapani N V Gokulakrishnan S A, **Sureshkannan G** A Survey on Literature Review of Dynamic Characteristics and Vibration Analysis of on - Road Vehicle Chassis by Finite Element Approach (2019) International Journal of Innovative Research in Science, Engineering and Technology volume:8 issue:12 pages:12516-12519
14. D Anburose, N Manikanda Prabu, VS Thangarasu, **G Sureshkannan** Review on extrusion of magnesium matrix nano composites (2019) International Journal of Nanomanufacturing volume:15 issue:3 pages:334-342
15. Thangarasu Subramaniam, Dhandapani Velliangiri, **Sureshkannan Gurusamy** A Study Of Modeling And Finite Element Analysis Of Automotive Vehicle Wheel Rim Assembly For The Deformation And Various Stress Distribution(2016) Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March Volume:29 Pages:33
16. Nv Dhandapani, Vs Thangarasu, **G Sureshkannan**, R Sivasubramanian Optimization of Cutting Parameters on High-Speed CNC Milling of Alloy Steel EN24, Using Box–Behnken Based Response Surface Methodology(2016) Journal of the Balkan Tribological Association Vol Volume:22 Issue:4 Pages:3240-3256
17. VS Thangarasu, NV Dhandapani, **G Sureshkannan** Design, Coupled Field Simulation And Implementation Of Micro-Electro Mechanical Gripper By Finite Element Method Approach(2016)Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March Volume:34 Pages:37

18. **G. Sureshkannan** N.V. Dhandapani V.S. Thangarasu Design and Experimental Investigation of Forward Curved, Backward Curved and Radial Blade Impellers of Centrifugal Blower(2015)
19. NV Dhandapani, VS Thangarasu, **G Sureshkannan** Investigation on effect of material hardness in high speed CNC end milling process(2015) The scientific world journal Volume:2015