

Last 5 years Publication List

1. **Govindha Rasu, N.**, Velusamy, K., Sundararajan, T. Chellapandi, P., Flow and thermal development in wire-wrapped fuel pin bundle of sodium cooled Fast Reactor during low flow conditions. Progress in Nuclear Energy, 81, 141-149, (2015).
2. Vidyasagar Reddy, G, **Govindha Rasu, N.**, Mohan Jagadeesh Kumar, M., Hari Prasad,T., Review on Advanced Alternative Thermal Barrier Coatings (TBC's) Materials in Low Heat Rejection Engines. International Journal of Research in Mechanical Engineering and Technology (IJRMET), 6 (2), 27-35 (2016).
3. Sai Nikhil,Y., Dinesh, G. P., Girish Hemanth, B.B., **Govindha Rasu, N.**, Experimental investigation of radiator performance using TIO₂ nanfluid. International Journal of Mechanical Engineering and Technology, 8(6), 607-614 (2017).
4. Manoviraj Singh S, Arjun Singh, **Govindha Rasu, N.**, Performance improvement study of cessna-172 aircraft using CFD. International Journal of Mechanical Engineering and Technology, 8(9), 414-424 (2017).
5. Praveen Kumar, **N. Govindha Rasu**, Bikash Routh., Flow and fracture behavior of copper with different strain rate at room temperature. International Journal of Mechanical Engineering and Technology, 8 (10), 140-146 (2017).
6. Prashant K. Singh, Dhruv Khandelwal, C. Sidhant, A. Shubham, Priyanshu and **N. Govindha Rasu**, Nanofluid Heat Transfer Mechanism and Thermo-Physical Properties: A Review. International Journal of Mechanical Engineering and Technology 8(11), pp. 56–164 (2017).
7. Senthilkumar P, Sharan Chandran M, Sreeja Sadasivan, **Govindha rasu N** and K Senthil kumar, Effect of Cowl Angle in the Performance of Scramjet Air Intakes. International Journal of Mechanical Engineering and Technology 8(11), pp. 899–909, (2017).
8. Sai Sarath , **N. Govindha Rasu** and Y. V. Hanumantha Rao, An Identification of the Best Mixture Composition for the Joule-Thomson Refrigerator Operating at 90 K, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), 8 (5), 467-476 (2018).
9. Aman Kumar, Avinash Kumar, Salil Kumar and **N. Govindha Rasu**, Investigation of Steady State Forced Convection Heat Transfer in a Nanofluid Cooled Circular Pipe, International Journal of Mechanical Engineering and Technology, 9(4), pp. 91–101, (2018).
10. Sai Sarath K, and **Govindha Rasu, N.**, Coiled tube heat exchangers -a review, International Journal of Mechanical Engineering and Technology, 9(1), pp. 895–904, (2018).

11. Vidyasagar reddy, G, **Govindha Rasu, N** and Hari prasad, T., Analysis of performance and emission characteristics of tbc coated low heat rejection engine, International journal of ambient energy, (2019).
12. Vidyasagar Reddy, G., **Govindha Rasu, N.** and Hari Prasad, T. 'Investigation on yttria stabilized zirconia coated Piston crown using different biodiesels', Proceedings of the Indian National Science Academy, 85(4), 843-851 (2019).
13. Vidyasagar Reddy, G., **Govindha Rasu, N.** and Hari Prasad, T. 'Investigation on yttria stabilized zirconia coated Piston crown using different biodiesels', Proceedings of the Indian National Science Academy, 85(4), 843-851 (2019).
14. Vidyasagar Reddy. G., **Govindha Rasu N.**, and Hariprasad T., "Experimental Analysis and Energy Balance on Thermal Barrier-Coated Piston Diesel Engine Using Biodiesel." *Journal of The Institution of Engineers (India): Series C* 101.6 (2020): 1015-1026.
15. Veera Raghavulu, K, Sudhakar U, Nishanth kumara, A, Jani, S.P., Rajalingam, A., **Govindha Rasu, N.** Effect on performance and emission of canola oil and snake gourd oil biodiesel blended in fossil Diesel-Biodiesel blend, Materials Today: Proceedings (2020).