

Faculty Publications 2019-20

1. Shriniwas S. Metan, Rohit. N. Patil, Abhishek R. Kshirsagar, "Six Sigma: Literature Review and Methodologies to Improve Implementation", Test Engineering & Management, Volume 83 Issue 01, March 2020, pp 71-79 (Scopus Indexed)
2. Shriniwas S. Metan, Mr.Saleek Bijapure, Mr.Mayur Mukkavar, "Design and Simulation of Suspension System", Test Engineering & Management, Volume 83 Issue 02, April 2020, pp 7621-7632 (Scopus Indexed)
3. Shriniwas S. Metan, Abhishek R. Kshirsagar, Govind N. Samleti, Vinayak K Patki, "Anti-Glare Headlamp a Safe Option for Better Vision to the Rider", International Journal of Innovative Technology and Exploring Engineering, Volume-8, Issue 9S2, July 2019, pp 672- 678 (Scopus Indexed).
4. Shriniwas Metan, Shrikant Jahagirdar, Vinayak Patki, "Urban Water Distribution Network Failure Prediction Using Artificial Intelligence", International Journal of Recent Technology and Engineering. (Under Review) (Scopus Indexed)
5. Shriniwas Metan, Shrikant Jahagirdar, Vinayak Patki, "Evaluation of Physical and Chemical Properties of OPC and PPC Cement", International Journal of Recent Technology and Engineering, Volume 8, Issue 2, 11, September 2019 (Scopus Indexed)
6. Shriniwas S Metan, Rajat Ganechari, Prashant Bhandarkavthekar, Aditya Dudka, Ajay Rathod, "Two Drive Modes for the Vehicle" International Journal of Scientific & Engineering Research, Volume 10, Issue 1, July- 2019, ISSN 2229-5518. (Thomson Router Indexing, UGC Approved Indexing)
7. B K Sonage, SV Kumbhar, "Adaptation and implementation of solar distillation plants for pure water: a review", Journal of Water Pollution & Purification Research, 4 (1), 2019, 1-3
8. B K Sonage, SV Kumbhar, "Experimental Investigations of Developed Solar Still for Increment in Efficiency and Rate of Distillate Experimental Investigations of Developed Solar Still for Increment in ...", International Journal of Heat and Technology, 3 (2), 2019, 471-480.
9. BK Sonage, AB Bhosale, "Assessment of Thermal Conductivity of Liquids by Modified Parallel Plate Method", Journal of Emerging Technologies and Innovative Research 6 (6), 2019, 574-579
10. Sonage B K, Pawar K.P, Bijja Shanti Ramchandra "synthesis and characterization of zinc oxide green nanoparticles", International Journal of Emerging Technologies and Innovative Research (www.jetir.org | UGC and issn Approved), ISSN:2349-5162, Vol.6, Issue 6, page no. pp459-462, June-2019, Available at : <http://www.jetir.org/papers/JETIR1906B73.pdf>
11. BK Sonage, AB Bhosale, "Development and calibration of modified Parallel plate method for measurement of thermal conductivity of liquids: A review", International Research Journal of Engineering, Management & Technology (IRJET), 6 (6), 2019, 1141-1145
12. Mohammed Samee A. D, "Optimum spacing between grooved tubes: An experimental study", Journal of Mechanical Science and Technology (Springer), Vol 34, 2020, pp 469-475.

13. A. D. Mohammed Samee, "Thermal management of modern electric vehicle battery systems (MEVBS), Journal of Thermal Analysis and Calorimetry (Springer)", <https://doi.org/10.1007/s10973-020-09606-x>, April 2020.
14. M. B. Mali, S. S. Kale, "Performance Evaluation of IC Engine with Preheated Fuels – A Review", International Research Journal of Engineering and Technology (IRJET), Volume: 06, Issue: 04, Apr 2019.
15. M. B. Mali, S. S. Kale, "Performance Evaluation of IC Engine with Preheated Diesel", International Journal of Innovative Science and Research Technology (IJISRT), Volume: 4, Issue: 4, April – 2019.
16. Mr. Ranavare V. R. & Prof. Kale S. S. 'Performance analysis of C.I. Engine by using two oils (Jatropha oil & Methanol) blended with Diesel as alternative fuel: a review' International Research Journal of Engineering & Technology (IRJET), Volume: 06; 06/June 2019.
17. Mr. Ranavare V. R. & Prof. Kale S. S. 'Performance analysis of C.I. Engine by using two oils (Jatropha oil & Methanol) blended with Diesel as alternative fuel' Journal of Emerging Technologies & Innovative Research (JETIR), Volume: 06, Issue 5; May 2019.
18. C.V. Papade, "Experimental Investigation of Solar Powerd Cooking Stove", IPASJ International Journal of Mechanical Engineering (IJME) Volume 8, Issue 1, January 2020 (Thomson Reuters Indexed).
19. C.V. Papade "Day & Night Parabolic Concentrating Solar Cooker using Nano-mixed PCM", International Conference paper at ETNM-2019, 16 th & 17 th December 2019.