Faculty Publication 2020-21

1. Shrinivas S. Metan, Mr.Saleek Bijapure, Mr.Mayur Mukkawar, “Design and Analysis of Steering Knuckle of the Automobile Steering System”, Solid State Technology, Volume 63, Issue 05, October 2020, pp 3166-3178 (Scopus Indexed)
2. Sonage B.K, Kashid A.S, “Mechanized cloth duster”, Official journal of the patent office of India, Controller general of patents, designs and trademarks, 45/2020, pp.56296.
3. Nitinchand Patil and Krishna Prasad (2020) “Study of elastic and frictional behavior of fiber reinforced polymer (epoxy) matrix composite” (AIP Conference Proceedings 2247, 040003 (2020); https://doi.org/10.1063/5.0004068) .(SCOPUS)
4. A.D.Mohammed Samee, H.Fayaz, Asif Afzal,R.D. Jilte, “ Optimization of Thermal and Structural Design in Lithium-ion Batteries to Obtain Energy Efficient Battery Thermal Management System (BTMS): A Critical Review”, Archives of Computational Methods in Engineering (Springer Journals),
5. A.D. Mohammed Samee, Asif Afzal, R.D. Jilte, Md. Tariqul Islam, A. Muthu Manokar, Kaladgi Abdul Razak, “Battery thermal management: An optimization study of parallelized conjugate numerical analysis using Cuckoo search and Artificial bee colony algorithm”, International Journal of Heat and Mass Transfer (Elsevier), Volume 166, February 2021, PP 1-21 , (Science Citation Index Expanded, Scopus Index, Applied Science and Technology Index).
6. Prof. S S Kale, Mr. G S Bhosale, “A Review on Convective Heat Transfer Augmentation Using Non Metallic Insert”, International Research Journal of Engineering and Technology(IRJET) e-ISSN: 2395-0056 Volume: 08 Issue: 03| Mar2021, p-ISSN: 2395-0072.
7. C.V. Papade & A.B, Kanase-Patil “Day & Night Parabolic Concentrating Solar Cooker using Nano-mixed PCM”, AIP Conference Proceedings, Volume 2335 Issue 01, 10 March 2021, (Scopus Indexed)
8. C.V. Papade & A.R.Vhanmane “IOT based Solar Application”, RDMPMC Conference Proceedings at NIT Jamshedpur, Volume 5 Issue 01, 26 August 2020.
9. C.V. Papade, “CFD Analysis of Cooling Fan for Lathe Machine Operator”, IPASJ International Journal of Mechanical Engineering (IIJME) Volume 9, Issue 1,pp.01-05, January 2021 (Thomson Reuters Indexed)

10. V.V. Birangane, “Earth-Air Tunnel Heat Exchanger: A Review”, International Journal of Engineering Research & Technology, Volume 10, Issue 2, February 2021 , ISSN: 2278-0181
11. Prof. M. B. Awate “Design & Manufacturing of Pneumatic Circular Saw Machine Using Feeder” 3rd International Conference (Techno-Societal_2020) on Advanced Technologies for Societal Applications.
12. Prof. B. R. Birajdar, “Design & Manufacturing of Pneumatic Circular Saw Machine Using Feeder” 3rd International Conference (Techno-Societal_2020) on Advanced Technologies for Societal Applications.
13. Prof. B. R. Birajdar ,“Design and Fabrication of Footstep Power Generation “in International Journal for Research in Applied Science & Engineering Technology Volume 9, Issue V, May 2021
14. Prof A.B. Magar, “Stress analysis of infinite laminated composite plate with elliptical cutout under different in plane loadings in hygrothermal environment, Curved and Layer.” Struct. 2021; 8:1–12, Scopus
15. Prof A.B. Magar, “Moments around elliptical hole in a symmetric laminated composite plate under hygrothermal environment”, Materials Today: Proceedings, Volume 44, Part 6, 2021, Pages 4092-4096 (Scopus.)
16. Prof A.B. Magar, “Progressive failure analysis of laminated plate containing elliptical cutout, International journal of structural integrity” , Emrald, 2021, (Scopus.)
17. Prof. Prasad N. Kulkarni etal., “Design and Development of Footstep Power Generation”, International Journal for Research in Applied Science & Engineering Technology (IJRASET) ISSN: 2321-9653 Volume 9 Issue V May 2021 pg 955-959.