NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE – 52



DEPARTMENT OF MECHANICAL ENGINEERING ACADEMIC YEAR 2019-2020

JOURNAL PUBLICATIONS

- 1. **M. Eswaramoorthi, T. Venkateshan** (2020) "A Review of Heat Transfer Enhancement Techniques in Heat Exchangers", International Journal of Engineering Trends and Technology, Volume 68, Issue 3, ISSN: 2231-5381, March 2020, pp.[42-49]
- 2. **M. K. Murthi, B. Velliyangiri, M. Sengottaiyan, S. Eswaran** (2020) "Effect of additives on the performance characteristics of VCR engine fuelled with Karanja oil and blends by varying injection pressure", International Journal of Engineering Trends and Technology, Volume 68, Issue 2, ISSN: 2231-5381, Feb 2020 pp.[134-141]
- 3. M. Karthikeyan, M. Muthukumar, P. Karthikeyan, C. Mathan (2019) "Optimization of active area of Proton Exchange Membrane fuel cell with better water management", Journal of ceramic processing Research, Volume. 20, No. 5, pp. [490-498]
- M. Karthikeyan, P. Karthikeyan, M. Muthukumar, V. Magesh Kannan, K. Thanarajan, T. Maiyalagan, Chae-Won Hong, Vasanth Rajendiran Jothi, Sung-ChulYi (2019) "Adoption of novel porous inserts in the flow channel of PEM fuel cell for the mitigation of cathodic flooding", International Journal of Hydrogen Energy, 45, pp. [7863-7872]
- M. Muthukumar, N. Rengarajan , B. Velliyangiri , M.A. Omprakas , C.B. Rohit , U. Kartheek Raja (2020) " The development of fuel cell electric vehicles A review", Materials Today: Proceedings, March 2020.
- B. Pitchia Krishnan, V. Vimala, N. Viswanathan, M. Shanmugam (2019) "Mechanical properties and Microstructural analysis of similar welded joint of Ti-6 Al-4V Alloy with filler metal ERTi-2", Journal of adv Research in Dynamical & control systems, Volume 11, No. 12, ISSN: 1943-023X, 2019 pp. [160-166]

- 7. T. Krishnamoorthi, K. Anandhu, P. Manickavasagam, **D. Ravichandran** (2019) "Exploration and improving the Life of Spark Plug by treated using Silicon Gel, Cr-Zn Oxide", Journal of Adv research in Dynamical & Control systems, Volume 11, No.12, ISSN 1943-023X, 2019 pp.[174-181]
- 8. **R. Rajkumar**, K. Gopi Kannan, M. Mohanraj (2020) "A comparative study of performance and emission characteristics of a diesel engine using various non-edible extracts", Progress in Industrial Ecology An International Journal, Vol. 14, No. 2, 2020 pp.[91-103]