## Dr.P.GANESHAN M.E., Ph.D.,

Associate Professor,

Department of Mechanical Engineering,

Sethu Institute of Technology,

Virudhunagar - 626115

Ph - +91 8124929100

Email – ganeshram84@gmail.com

## LIST OF PUBLICATION

- Raja, K., Chandra Sekar, V.S., Vignesh Kumar, V., T. Ramkumar & P. Ganeshan (2020), Microstructure Characterization and Performance Evaluation on AA7075 Metal Matrix Composites Using RSM Technique. Arab J Sci Eng, DOI: 10.1007/s13369-020-04752-8
- K. Yoganandam, P. Ramshankar, P. Ganeshan & K. Raja, (2020) Mechanical Properties of Alkali Treated Madar And Gongura Fiber Reinforced Polymer Composites, International Journal of Ambient Energy, 41 (8), 849-850
- V.Yamunadevi, G.Vijayanand, P.Ganeshan, S.Sowmiya, K.Raja, (2020) Effect on the behaviour of dynamic mechanical analysis for hybrid epoxy nanocomposite, Materials Today: Proceedings, Doi.org/10.1016/j.matpr.2020.05.055
- K. Raja, B. Prabu, P. Ganeshan, V. S. Chandra Sekar & B. NagarajaGanesh (2020), Characterization Studies of Natural Cellulosic Fibers Extracted from Shwetark Stem, Journal of Natural Fibers, DOI: 10.1080/15440478.2019.1710650
- I.J.Isaac Premkumar, P.Ganeshan, S.Sudhagar, K.Raja, S.Senthil Kumaran, V.S.Chandra Sekar,(2020) An investigation on Piston structural analysis related with experimental cylinder pressures using different biodiesel blend ratios, Materials Today: Proceedings, Volume 22(4), Pages 2255-2265
- B.NagarajaGanesh, P.Ganeshan, P.Ramshankar, K.Raja, Assessment of natural cellulosic fibers derived from Senna auriculata for making light weight industrial biocomposites, Industrial Crops & Products 139 (2019) 111546.
- 7. Radhaboy G, Pugazhvadivu M, Ganeshan P, Raja K, (2019), Influence of Kinetic Parameters on Calotropis Procera by TGA under Pyrolytic Conditions, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, DOI: 10.1080/15567036.2019.1677812.

- 8. K.Yoganandam, B.NagarajaGanesh, P.Ganeshan, K. Raja, Thermogravimetric analysis of Calotropis procera fibers and their influence on the thermal conductivity and flammability studies of polymer composites, Mater. Res. Express 6 (2019) 105341
- 9. V.Yamunadevi, K. Palaniradja, A. Thiagarajan, P.Ganeshan, K.Raja, (2019) Characterization and dynamic mechanical analysis of woven roven glass fiber/ cerium- zirconium oxide epoxy nanocomposite materials, Mater. Res. Express 6 (2019) 095057
- G. Radhaboy, M. Pugazhvadivu, P. Ganeshan and P. Ramshankar, (2019) Analysis of Thermo chemical behavior of Calotropis procera parts for their Potentiality, International Journal of Ambient Energy, DOI: 10.1080/01430750.2019.1630309,
- 11. K. Yoganandam, P. Ganeshan, B.NagarajaGanesh, & K. Raja, (2019) Characterization studies on Calotropis procera fibers and their performance as reinforcements in epoxy matrix, Journal of Natural Fibers, DOI: 10.1080/15440478.2019.1588831.
- 12. P.Ganeshan, S.Senthil Kumuran, K.Raja, D. Venkateswarlu, An investigation of mechanical properties of madar fiber reinforced polyester composites for various fiber length and fiber content, Mater. Res. Express 6 (2019) 015303
- 13. P.Ganeshan, B.NagarajaGanesh, P.Ramshankar, K.Raja, (2018) "Calotrpis Gigantea Fibers A Potential Reinforcement for Polymer Matrices, International Journal of Polymer Analysis and Characterization, 23(3),271-277.
- 14. V. Mohanavel, S. Suresh Kumar, P. Ganeshan, T. Adithiyaa, (2018) Mechanical behavior of Al-matrix nano-composites produced by stir casting technique, Materials Today: Proceedings, 5 (13), 26873-26877
- 15. M.Rajeshwaran, P.Ganeshan, K.Raja, (2018) "Optimization and Biodiesel production from Prosopis julifera oil with High Free Fatty Acids", Journal of Applied Fluid Mechanics 11(1), 257-270
- 16. P. Ganeshan, G. Vijayanand, D. Sivakumar & A. Senthilrajan, Effect of Abrasive Wear on the Madar Fiber Reinforced Composites, International Journal of Mechanical and Production Engineering Research and Development, 2249-6890, Trans Stellar, 515-520, Special Issue, Jun 2018

- 17. V. Mohanavel, S. Suresh Kumar, R. V. Srinivasan, P. Ganeshan, K. T. Anand, (2017) Mechanical and metallurgical characterization of AA7075-fly ash composites produced by liquid state method, Journal of Chemical and Pharmaceutical Sciences, Special Issue (2), 217-220
- P.Ganeshan, P.Ramshankar, K.Raja, G.Vijayanand, S.Sangeeth Kumar, Mechanical Properties of Madar/Bauhinia Racemosa Hybrid Composites, Taga Journal of Graphic Technology, Vol 14, 1369-1375, 2018
- 19. P.Ramshankar, K.Raja P.Ganeshan, (2018) Study on the Mechanical Properties of the Natural Fibre Reinforced Polymer Composite Materials, Pakistan Journal of Biotechnology, University of Sindh, Vol 15, 89-91.
- 20. R.Thamilarasan, K.Purushothaman, B.Murugesh, P.Ganeshan, (2018) Mechanical Characterization Of SPJ (Sisal-Palm-Jute)-KPC (Kenaf-Palm-Coir) Fiber Hybrid Composites., Pakistan Journal of Biotechnology, University of Sindh, Vol 15, 95-97.
- 21. P.Ganeshan, V. Ragavan, P.Raju, Performance Analysis of 2- Methyltetrahydrofuran Blended on Bio-Diesel Engine, Pakistan Journal of Biotechnology, University of Sindh, Vol 15, 50-52, 2018.
- 22. N.Yogaraj, P.Ganeshan, P.Raju, P.A.Nigal Ashik, Design and Fabrication of Alternative Cooling System for Conventional Purpose, Pakistan Journal of Biotechnology, University of Sindh, Vol 15, 47-49, 2018.
- 23. P.Ganeshan, P.Raju, Design and Fabrication of Up De-Salinator Kit, Pakistan Journal of Biotechnology, University of Sindh, Vol 15, 53-55, 2018.
- 24. K.Ranjithkumar, P.Ganeshan, Design and Development of an Automatic Head Lamp Leveling Systems for Automobiles, Pakistan Journal of Biotechnology, University of Sindh, Vol 15, 120-122, 2018.
- 25. B.Ashok Kumar, K.Lingadurai, K.Raja, P.Ganeshan, S.Vairam "Prediction Effect of Fiber Content on Mechanical Properties of Banana and Madar Fiber Hybrid Polyester Composites", Advances in Natural and Applied Sciences 10(7), 180-183, 2016
- 26. D.Vinoth, K.Raja,B.Ashok Kumar, P.Ganeshan, "Tensile Properties of Madar Fiber Reinforced Polyester Composites", Advances in Natural and Applied Sciences 10(7), 257-261, 2016

- 27. K. Yoganandam, K. Raja, P. Ganeshan and V. Mohanavel, Mechanical Properties of Calotropis Procera/Agave Fiber Hybrid Reinforced Polyester Composites, International Journal of Printing, Packaging & Allied Sciences, 4(5), 3669-3673, 2017
- 28. I. J. Isaac Prem Kumar, K. Lingadurai, K. Raja and P. Ganeshan, Performance and Emission Characteristics of Diesel-Soybean Methyl Ester Blends using Variable Piston Geometry in Direct Injection Compression Ignition Engine, Asian Journal of Research in Social Sciences and Humanities, 7(2), 208-227, 2017
- 29. P.Ganeshan and K.Raja, "Improvement on the Mechanical Properties of Madar Fiber Reinforced Polyester Composites", International Journal of Advanced Engineering Technology, Vol. VII, No. II, Pp. 261-264, 2016
- 30. C.Kandeepan , K.Raja , P.Ganeshan , "Investigation On The Mechanical Properties Of Madar Fiber Reinforced In Polymer Matrix Composites" International Conference on Current Research in Engineering Science and Technology (ICCREST-2016), E-ISSN :2348 8360, pp 110 -116.
- 31. P.Ganeshan, K.Raja, K.Lingadurai, M.Kaliappan (2015). Design and Development of Alternate Composite Material for an Automobile Drive Shaft, International Journal of Applied Engineering Research 10 (15), 12051-12057.
- 32. P.Ganeshan, K.Raja, K.Lingadurai, M.Kaliappan (2015) Finite Element Analysis of Alternate Composite Material for an Automobile Drive Shaft, International Journal of Applied Engineering Research 10 (49), 447-452.
- 33. P.Ganeshan, K.Raja, K.Lingadurai, M.Kaliappan (2015) Analysis of an Automobile Drive Shaft With Various Composite Materials, International Journal of Applied Engineering Research 10 (50), 558 594.
- 34. P.Ramshankar, K.Raja P.Ganeshan, Study on the Mechanical Properties of the Natural Fibre Reinforced Polymer Composite Materials, Recent Advances In Mechanical Engineering, Kingston Engineering College, Vellore, TN, 2017
- 35. R.Thamilarasan, P.Ganeshan, B.Murugesh, Mechanical Characterization of Sisal-Palm-Jute and Kenaf-Palm-Coir Hybrid Fiber Reinforced Composites, Recent Advances In Mechanical Engineering, Kingston Engineering College, Vellore, TN, 2017

- 36. P.Ramshankar, K.Raja P.Ganeshan, Effect of Alkali Treatment on Mechanical Properties of Madar And Goungra Reinforced Polymer Matrix Hybrid Composites, Recent Advances In Mechanical Engineering, Kingston Engineering College, Vellore, TN, 2017
- 37. P.Ganeshan and K.Raja (2015). Finite Element Analysis of Alternate Composite Material for an Automobile Drive Shaft, "Emerging Trends in Engineering, Technology & Management", RVS Engineering College, Dindigul, 16<sup>th</sup>-18<sup>th</sup> April, 2015.
- 38. P.Ganeshan, A. K.Raja (2013). Design Analysis of An Automotive Drive Shaft With Composite Materials, "Advanced Manufacturing & Automation", Kalasalingam University, Krishnankovil, 28<sup>th</sup> 29<sup>th</sup> March, 2013.
- 39. P.Ganeshan, A. K.Raja (2013). Design of Drive Shaft With Composite Materials By Using FEA, "Innovations And Advances In Mechanical Engineering", Dr. M.G.R University, Chennai. 4<sup>th</sup> 5<sup>th</sup> April, 2013.
- 40. P.Ganeshan and K.Raja (2015). Design and Development of Alternate Composite Material for an Automobile Drive Shaft."Innovations and Advances in Mechanical Engineering". Nadar Saraswathi Engineering College, Theni, 13<sup>th</sup> March, 2015.
- 41. P.Ganeshan and K.Raja (2015). Analysis of an Automobile Drive Shaft With Various Composite Materials. "National Conference on Advancements in Mechanical, Environment, Safety and Health Engineering". Knowledge Institute of Technology, Salem, 9<sup>th</sup> May 2015
- 42. P.Ganeshan and A.Pandiarajan (2014). Analysis of a Drive Shaft with Composite Materials for an Automobile, "Research & Advances in Mechanical Engineering", PSR Engineering College, Sivakasi, 28<sup>th</sup> 29<sup>th</sup> March, 2014.

\*\*\*\*