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PUBLICATIONS

National Conference

1. Binu P.P., K.E. George, M.N. Vinodkumar, "*Mechanical characterization of polyester resin modified using nanoclays*", Proc. of National Conference on Modern Trends in Mechanical Engineering, 2012, Pg. 40-43
2. Binu P P, K.E. George, M.N. Vinodkumar, "*High Temperature behavior of polyester/Cloisite15A Nano composite*", Proc. Of 3rd National conference on Modern Trends in Mechanical Engg. 2014, Pg. 42-45.
3. Cheriyan Johny and Binu P P, "*Comparitive Study of Glass Epoxy, Graphite/Epoxy Composite Material with C-15 for Pressure Vessel* " Proc. Of 3rd National Conference on Modern Trends in Mechanical Engg. 2014, Pg. 5-11.

International National Conference

1. Binu P P, K.E. George, M.N. Vinodkumar, “ *Preparation, Mechanical and Thermal Characterization of Isophthalic Polyester- Cloisite15A Nanocomposite*”, *proce. Int. cof. Emerging trends in engg. And mgnt. ICETEM-2014*,
2. Binu P P, K.E. George, M.N. Vinodkumar, “*Effect of Nanoclay on Dynamic Mechanical and Tensile creep behavior of Glass Fiber Reinforced Polyester*”, *proce. Int. cof. Emerging trends in engg. And mgnt. ICETEM-2016*,
3. Vishal K R, P P Binu, “ *FMEA Analysis of Grinding Defects*”, *proce. Int. cof. Emerging trends in engg. And mgnt. ICETEM-2016*,
4. Jobin Joy, Binu P P, Rony Thomas, Recycling of cigarette butts for a sustainable future - A review, ICMIRD, (2021)
5. Binu P P, “Tensile Creep Behavior and its Variation of Nanoclay Modified Gfrp” *int. con. Multi Dsciplinary Approaches in Engineering Science and Humanities ICMAESH’23, 28 & 29 April(2023)*
6. Sreejith M V, Salman Sha, P P Binu, “Air Independent Propulsion System”, ICARE’23, April(2023), pp24-29
7. Viwajith V, P P Binu, “Solar Powered Multipurpose Agricultural Robotic Vehicle”, ICARE’23, April(2023), pp 77-83

Journal Papers

1. Binu P P, K.E. George, M.N. Vinodkumar, “ *Preparation, Mechanical and Thermal Characterization of Isophthalic Polyester- Cloisite15A Nanocomposite*”, *Int. J. Design and Mfg. Tech. Vol.5(3), Dec2014, pp.148-154*
2. Binu P P, K.E. George, M.N. Vinodkumar, “*Effect of Nanoclay on Dynamic Mechanical and Tensile creep behavior of Glass Fiber Reinforced Polyester*”, *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE),(2016) PP 25-34*
3. Vishal K R, P P Binu, “ *FMEA Analysis of Grinding Defects*”, *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE) , (2016) pp. 21-26*

4. Binu P P, K.E. George, M.N. Vinodkumar, *“Effect of nanoclay, Cloisite15A on the Mechanical and Thermal behavior of Glass Fiber Reinforced Polyester”*, J. Procedia Technology, Elsevier 25 (2016) pp. 846 – 853
5. Binu P P, “Property enhancement by Nanoclay Loading on Fiber Reinforced Polyester Analysis of Impact under Thermal Loading and Nature of Fracture Surface”, J. emerging technologies and innovative research, vol.6(4), April2019,p107-122, DOI: 10.1729/journal.34300
6. Binu P P, “Dynamic Mechanical Analysis, Time Dependent Behavior Of Polyester Based Polymer Nanocomposite Under Constant Stress”, J. emerging technologies and innovative research, vol.6(4), April2019,p107-122, DOI: 10.1729/journal.34869.