

Dr. L.S.JAYAKUMARI

Publications

1. L.S. Jayakumari, S Inbasekaran, " Enhanced amperometric detection of metronidazole in drug formulations and urine samples based on chitosan protected tetrasulfonated copper phthalocyanine thin-film modified glassy carbon electrode", Materials Science and Engineering: C, published by Elsevier. Vol. 59, pp. 136-144 (2016)
2. Evaluating the mechanical properties of E-Glass fiber/carbon fiber reinforced interpenetrating polymer networks", Polímeros , published by ABPol. Vol. 25, Issue 1, pp. 49-57 (2015).
3. Development of in situ generated graphene/benzoxazine‐epoxy nanocomposite for capacitor applications", Polymer Composites, published by Wiley Interscience. Vol. 36, Issue 1, pp. 1 - 7 (2015).
4. Analyzing the mechanical behavior of E-glass fibre-reinforced interpenetrating polymer network composite pipe", Journal of Composite Materials, (2015).
5. S.Sahila, "graphene oxide - cardanol based polymer benzoxazine nanocomposite as high dielectric strength material for electrical applications", Advanced Composites Letters, published by Adcotec, London. Vol. 24, Issue 2, (2015).
6. Effect of the properties of natural resin binder in a high friction composite material", Polímeros 24 , published by ABPol. Vol. 24, Issue 2, pp. 149 - 152 (2014).
7. NMS Raju, LS Jayakumari, "EFFECTS OF NANOMATERIALS ON POLYMER COMPOSITES-AN EXPATIATE VIEW", Reviews on Advanced Materials Science, published by RMIT. Vol. 38, Issue 1, pp. 40-54 (2014).
8. Sampath P.S, " Synthesis and Characterization of Bis(4-Cyanato 3,5-dimethyl Phenyl) Anisyl methane/Epoxy/Glass fibre Composites", Journal Applied Polymer Science , published by Wiley. Vol. 112, Issue 4, pp. 2579 -2587 (2009).

9. Thulasiraman V, " Synthesis and Characterization of Bis(4-Cyanato 3,5-dimethyl Phenyl) Naphthyl methane / Epoxy/Glass fibre Composites", Polymer composites, published by Wiley. Vol. 29, Issue 7, pp. 709 - 716 (2008).
10. AA Raj, L Dinakaran, V Swaminath, " Mechanical Behaviour of Unmodified Epoxy/Flyash And Silicone Modified Epoxy/Flyash System", INTERNATIONAL JOURNAL OF PLASTICS TECHNOLOGY, Vol. 12, Issue 2, pp. 1073 - 1080 (2008).
11. V Thulasiraman, " Synthesis and characterization of cyanate epoxy composites", High Performance Polymers , published by Sage Publications. Vol. 19, Issue 1, pp. 33 - 47 (2007).
12. "Development of Graphene – Cyanate Ester Hybrid Nanocomposite ", funded by UGC – MRP (July-2012 - December-2015). Project Cost: 7.73.