

## Member of other University

**DC Member 3: Dr. KAMALAKANNAN.K**

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### *Publications*

#### *International Journal:*

1. **K.Kamalakkannan** ,P.Siva Kumar, R.Christu Paul, Preparation and Characterization of Nano Silica Filled Styrene Butadiene Rubber Composite for Automotive Tyre Treads, International Journal of Pure and Applied Mathematics, Volume 118 No. 24 2018
2. **K.Kamalakkannan**,S. Pavankalyan,. Christu Paul, Experimental Investigation of Areca fiber Reinforced Polypropylene polymer composite for Automotive Components, International Journal of Pure and Applied Mathematics, Volume 118 No. 24 2018
3. **K.Kamalakkannan** & Kavın “Optimization of front rail to improve the frontal crash performance RIP Vol 10 ,No 57(2015)

### *Publications*

#### *International Conferences:*

- a. **K.Kamalakkannan and Arvind** “ Experimental Investigation of Ride comfort of Half Car Model Using Various Control Strategies” , National Conference on Current research Outcomes in Mechanical Engineering , NC-CROME -19, SRMIST, Vadapalani 2019.
- b. **K.Kamalakkannan and Harsha** “ Improvement in ride cmfort and Vehicle Holding characteristics of Quarter Car model” , National Conference on Current research Outcomes in Mechanical Engineering , NC-CROME -19, SRMIST, Vadapalani 2019.
- c. **K.Kamalakkannan and Shreyas** “ Aerodynamic induced aerodynamic braking for racing Motor cycle” SRMIST, Kattankulathur. Research day conference Feb 2019.

- d. **K.Kamalakkannan and A.Vishnu** “Advanced handling model of a two axle vehicle with rigid suspension” International Conference on Mechanical Engineering Design, SSN College of Engineering, Chennai, 25<sup>th</sup> April 2016.
- e. **K.Kamalakkannan and Vinod K.J.** “A study on weld distortions of a bus body side frame”, International Conference on Electrical, Electronics, Computer Science & Mechanical Engineering(ICEECSME), at Chennai on 6<sup>th</sup> March 2016
- f. **K.Kamalakkannan** “Analysis of Magneto Rheological Fluid Using MR Damper in DTM” Contemporary Research in Advanced Material Science – CRAMS2016 , CRAMS 022
- g. **Kamalakkannan.K, & Raghavendran.P.** “Dynamic analysis of half car full active suspension system Using Matlab/ Simulink and MSC ADAMS” CRAMS 098
- h. Gautham.S, & **K.Kamalakkannan.** “Increasing Engine Efficiency and Decreasing Engine Emissions Using Varying Composition of Rice Bran Biodiesel in a Single Cylinder DI Diesel Engine”, International Journal of Applied Engineering Research, Vol 10, Issue 13, pp. 11422 – 11427, (2015).