

Name : **Dr. K. Kamalakkannan**
Designation : **Associate Professor**
Department : Automobile Engineering
Name of the Organization : **SRM Institute of Science & Technology**
Place : Chennai
E-mail Id : kamalakannan.ka@gmail.com
Mobile Number : 9944226170
Area of Interest : Vehicle Dynamics , Suspension System, Vehicle Design
and Development
Pincode : 603203

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** & Kavin “*Optimization of front rail to improve the frontal crash performance* RIP Vol 10 ,No 57(2015)

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 chracteristics 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, 25th 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 6th 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).