LIST OF PUBLICATIONS

Research Publications in International Journals by the author.

1. Simplified Combustion Model for High Temperature Oxidation of Iso-octane.


3. Experimental Investigations on a Diesel Engine using Blends of Methyl Esters of Pongamia Oil as the Fuels.
   (European Journal of Scientific research, Volume:72, Issue:2, pp.273-284, March 2012)

4. Reaction Pathways in High Temperature Combustion of Iso-octane.

5. Chemical Mechanism for High Temperature Combustion of Iso-octane with Emphasis on Soot Formation.

6. A Reduced Reaction Mechanism for Iso-octane Combustion.

   (Journal of Emerging Technology in Mechanical Science and Engineering, Volume: 1, No: 2, pp.18-22, August – December 2010)
Paper Presentations in Conference

   (98th Indian Science Congress. The Indian Science Congress Association, Section of Engineering Sciences, Chennai, pp.97-98, January 2011)

2. Experimental Investigations of Castor Oil and Mahua Oil as Bio-Diesel on CI Engine.
   (98th Indian Science Congress. The Indian Science Congress Association, Section of Engineering Sciences, Chennai, pp.97, January 2011)

   (Proceedings of International Conference on Recent Advances in Mechanical Engineering in Collaboration with the University of Sheffield, UK. Organized by Department of Mechanical Engineering, NI University, Tamil Nadu, pp.359-362, April 2010)

4. A Reduced Chemical Kinetic Model for Combustion Simulations for Iso-octane.