

Anna University / Affiliated colleges

DC Member 2: Dr. K.RAMESH, Associate Professor

Government College of Technology, Coimbatore.

LIST OF PUBLICATIONS IN INTERNATIONAL JOURNALS

- 1. Investigation and improvement on storage stability of pyrolysis oil
obtained from Aegle marmelos de-oiled seed cake
P Baranitharan, K Ramesh, R Sakthivel
Energy Sources, Part A: Recovery, Utilization, and Environmental
Effects 2019**
- 2. Characterization of pyrolysis bio-oil derived from intermediate
pyrolysis of Aegle marmelos de-oiled cake: study on performance
and emission characteristics of C.I. engine ... 2018
P Baranitharan, K Ramesh, R Sakthivel
Environmental Science and Pollution Research**
- 3. Kinetic and thermodynamic studies on the extraction of bio oil
from Chlorella vulgaris and the subsequent biodiesel production 2018
M Vishnu Priya, K Ramesh, P Sivakumar, R Balasubramanian, S
Anirbid
Chemical Engineering Communications, 1-10**
- 4. Investigation of the stability on boring tool attached with double
impact dampers using Taguchi based Grey analysis and cutting tool
temperature investigation through FLUKE ... 2018
K Ramesh, P Baranitharan, R Sakthivel**

- 5. Optimization in the performance and emission parameters of a DI diesel engine fuelled with pentanol added Calophyllum inophyllum/diesel blends using response surface methodology** **2018**

R Purnachandran, K Ramesh, P Mohamed Shameer

Environmental Science and Pollution Research
- 6. Prediction and optimization of CI engine performance fuelled with Calophyllum inophyllum diesel blend using response surface methodology (RSM)** **2018**

V Paramaguru, K Ramesh, C Suresh

Environmental Science and Pollution Research
- 7. Studies on the effects of storage stability of bio-oil obtained from pyrolysis of Calophyllum inophyllum deoiled seed cake on the performance and emission characteristics of a ...** **2018**

R Sakthivel, K Ramesh

Environmental Science and Pollution Research 25 (18), 17749-17767
- 8. Experimental investigation on improvement of storage stability of bio-oil derived from intermediate pyrolysis of Calophyllum inophyllum seed cake** **2018**

R Sakthivel, K Ramesh, P Mohamed Shameer, R Purnachandran

Journal of the Energy Institute
- 9. Experimental evaluation on performance, combustion behavior and influence of in-cylinder temperature on NO_x emission in a DI diesel engine using thermal imager for various ...** **2017**

PM Shameer, K Ramesh

Energy 118, 1334-1344

- 10.Effects of fuel injection parameters on emission characteristics of diesel engines operating on various biodiesel: a review 2017**
PM Shameer, K Ramesh, R Sakthivel, R Purnachandran
Renewable and Sustainable Energy Reviews 67, 1267-1281
- 11.Prediction of cutting process parameters in boring operations using artificial neural networks 2015**
K Ramesh, T Alwarsamy, S Jayabal
Journal of Vibration and Control 21 (6), 1043-1054
- 12.Experimental Investigation on the Heat Transfer in fluid flow through Porous media in Pebble Bed Heat Exchanger 2015**
BFS Ramesh K
International Journal of Applied Engineering Research 10 (50), 905-916
- 13.Experimental Investigation on Heat Recovery from Diesel Engine Exhaust Using Pebble Bed Heat Exchanger and Thermal Energy Storage system 2015**
RK Benjamin Franklin S
International Journal of Applied Engineering Research 10 (16), 37987-37995

- 14. Investigations on the Performance and Emission Characteristics of a DI-Diesel Engine Fuelled with Mahua Biodiesel** **2015**
MSP Ramesh K
International Journal of Applied Engineering Research 10 (61)
- 15. A Review on Road Traffic Accident and Related Factors** **2015**
MAP Ramesh K
International Journal of Applied Engineering Research 10 (11), 28177-28183
- 16. Biodiesel Production from Oleaginous Microbes - A Review** **2015**
VPM Ramesh K
International Journal of Applied Engineering Research 10 (61)
- 17. KF/CaO Nanocatalyst for the Production of Biodiesel from Animal Fat Through Single-Step Process** **2015**
VKB Ramesh K
International Journal of Applied Engineering Research 10 (61)
- 18. Aerodynamic performance analysis of a non-planar C-wing using CFD** **2015**
C Suresh, K Ramesh, V Paramaguru
Aerospace Science and Technology 40, 56-61