

Dr. R.Prakash

Associate Professor,
School of Mechanical Engineering,
VIT University (Vellore Campus)

<u>TITLE</u>	<u>CITED BY</u>	YEAR
<u>Control of regulated and unregulated emissions from a CI engine using reformulated nano fuel emulsions</u> M Gowtham, R Prakash Fuel 271, 117596	<u>2</u>	2020
<u>An Experimental Investigation on Regulated and Unregulated Emissions of a Gasohol Fueled SI Engine with a Novel Three Way Catalytic Converter</u> G Sathish Sharma, M Sugavaneswaran, R Prakash Journal Européen des Systèmes Automatisés 53 (2), 219-224		2020
<u>Experimental investigation on performance and emission characteristics of VCR engine working with biodiesel and Diethyl Ether</u> S Nishanth, N Gunasekar, S Nanthakumar, R Prakash, TS Kumar Materials Today: Proceedings	<u>1</u>	2020
<u>Validation of performance and emissions of a CI engine fueled with calophyllum inophyllum methyl esters using soft computing technique</u> L Saravanakumar, R Prakash Fuel 266, 117070	<u>1</u>	2020
<u>Utilization of poultry waste as a source of biogas production</u> A Gohil, S Budholiya, CG Mohan, R Prakash Materials Today: Proceedings	<u>1</u>	2020
<u>Design optimization of intake manifold of dual fuel engine</u> K Adithya, F Ahmed, P Padmanathan, CG Mohan, R Prakash Materials Today: Proceedings	<u>1</u>	2020
<u>Utilization of coconut shell pyrolysis oil diesel blends in a direct injection diesel engine</u> N Gunasekar, CG Mohan, R Prakash, LS Kumar Materials Today: Proceedings		2020
<u>Deep Drawing Simulation Study for Catalytic Converter Housing Sheet</u> M Sugavaneswaran, N Rajesh, V Katta, GS Sharma, R Prakash Materials Today: Proceedings 22, 1326-1332		2020
<u>Computational Fluid Analysis on Catalytic Converter with More Surface Area Monolithic Structure</u> M Sugavaneswaran, S Saha, PP Kumar, GS Sharma, R Prakash International Journal of Automotive and Mechanical Engineering 16 (3), 7093-7107		2019
<u>Influence of fumigated calophyllum inophyllum vapours on the combustion, performance and emission characteristics of a diesel</u>	<u>1</u>	2019

Dr. R.Prakash

Associate Professor,
School of Mechanical Engineering,
VIT University (Vellore Campus)

<u>TITLE</u>	<u>CITED BY</u>	<u>YEAR</u>
<u>engine</u> M Gowtham, R Prakash Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-17		
<u>Cracking of Toxic Waste</u> R Prakash, R Siddharth, N Gunasekar Energy from Toxic Organic Waste for Heat and Power Generation, 139-149		2019
<u>Hazardous Waste and Its Treatment Process</u> R Prakash, M Gowtham Energy from Toxic Organic Waste for Heat and Power Generation, 119-138	<u>1</u>	2019
<u>Consequences of exhaust gas temperature on emissions in CI engine fuelled with Calophyllum inophyllum methyl ester blends with diesel</u> L Saravanakumar, BR Ramesh Bapu, R Prakash Progress in Industrial Ecology – An International Journal 13 (3), 252-263		2019
<u>Influence of γ-alumina coating on surface properties of direct metal laser sintered 316L stainless steel</u> G Sathish Sharma, M Sugavaneswaran, U Vijayalakshmi, R Prakash Ceramics International 45, 13456–13463	<u>7</u>	2019
<u>Effect of n-butanol fumigation on the regulated and unregulated emission characteristics of a diesel engine</u> M Gowtham, CG Mohan, R Prakash Fuel 242, 84-95	<u>15</u>	2019
<u>Experimental Investigations on a Direct Injection Diesel Engine Fuelled With Mixed Biodiesel</u> M Gowtham, N Gunasekar, R Prakash Materials Today: Proceedings 5 (6), 14590-14596	<u>1</u>	2018
<u>Exergy analysis of solar photo voltaic thermal hybrid heat pump working with circular and triangular evaporator tube configurations</u> N Gunasekar, M Mohanraj, G Sathish Sharma, R Prakash Pakistan Journal of Biotechnology 15, 18-21		2018
<u>Effect of fumigated biodiesel on the performance and emission characteristics of a single cylinder diesel engine</u> B Anirudh, M Gowtham, CG Mohan, N Gunasekar, R Prakash International Journal of Mechanical Engineering and Technology 8 (12), 847-855		2017
<u>Short term endurance results on a single cylinder diesel engine fueled with upgraded bio oil biodiesel emulsion</u> R Prakash, S Murugan	<u>2</u>	2017

Dr. R.Prakash

Associate Professor,
School of Mechanical Engineering,
VIT University (Vellore Campus)

<u>TITLE</u>	<u>CITED BY</u>	YEAR
IOP Conference Series: Materials Science and Engineering 263 (6), 062050		
<u>Production and utilization of biofuel emulsions in a diesel engine.</u> R Prakash, S Murugan Journal of Chemical and Pharmaceutical Research 8 (9), 265-271	<u>1</u>	2016
<u>Studies on behaviour of a DI diesel engine fuelled with bio oil biodiesel emulsions</u> R Prakash, RK Singh, S Murugan Int. J. of Oil, Gas and Coal Technology 9 (No.1), pp.89 - 108	<u>7</u>	2015