

Faculty Vitae

Name of the Faculty:						
Dr.P.Naveenchandran						
Education						
		Degree	Discipline	Institution	Year	
	UG	B.E	Mechanical Engineering	Annamalai University, Chidambaram, Tamilnadu, India	1990	
	PG	M.E	Thermal Power	Annamalai University, Chidambaram, Tamilnadu, India	1998	
	PhD	Ph.D	Mechanical Engineering- IC Engines	Universiti Teknologi,Petronas, Malaysia	2011	
Academic experience						
		Institution	Title	From	To	FT/PT
		Department of Mechanical Engineering, Bharath Institute of Higher Education and Research	Lecturer	Feb 1999	Oct 2003	FT
		Department of Mechanical/Automotive Engineering, Kolej WIT, Port Kiang, Malaysia	Lecturer	Nov 2003	May 2007	FT
		Department of Mechanical Engineering, Loyola Institute of Technology, Tamilnadu,India	Professor and Head	May 2011	June 2013	FT
		Department of Automobile Engineering, Bharath University, Chennai, India	Professor and Head	July 2013	Till Date	FT
Certifications or professional registrations:						
Membership in professional organizations: SAE Membership Attained						

Honors and awards

Service activities (within and outside of the institution)

List of Publications

10/29/2014

Naveen Chandran - Google Scholar Citations



Naveen Chandran
Bharath University
HCCI Combustion, Engines, Fuels

Google Scholar

Citation indices	All	Since 2009
Citations	27	27
h-index	3	3
i10-index	0	0

Title 1–20

Cited by Year

Analysis of engine characteristics and emissions fueled by in-situ mixing of small amount of hydrogen in CNG SEL Mohammed, MB Baharom, ARA Aziz International Journal of Hydrogen Energy 36 (6), 4029-4037	8	2011
The effects of fuel-injection timing at medium injection pressure on the engine characteristics and emissions of a CNG-DI engine fueled by a small amount of hydrogen in CNG SE Mohammed, MB Baharom, ARA Aziz International journal of hydrogen energy 36 (18), 11997-12006	7	2011
Concentration measurement of injected gaseous fuel using quantitative schlieren and optical tomography ED Iffa, ARA Aziz, AS Malik Journal of the European Optical Society-Rapid publications 5	7	2010
Comparison of HCCI and SI Characteristics on Low Load CNG-DI Combustion NN Al-Khairi, P Naveenchandran, ARA Aziz Applied Sci 11, 1827-1832	2	2011
The combustion behavior analysis of dual fuel HCCI using the shell model AR Firmansyah, A Aziz Journal of Applied Sciences 11 (9), 1559-1565	2	2011
Comparison of HCCI and SI Combustion of Direct Injected CNG at Low Load Condition NK Noran, P Naveenchandran, ARA Aziz SAE Technical Paper	1	2011
Syngas (H₂/CO) in a spark-ignition direct-injection engine. Part 1: Combustion, performance and emissions comparison with CNG FY Hagos, ARA Aziz, SA Sulaiman International Journal of Hydrogen Energy		2014
Mechanistic Modelling Approach to HCCI Combustion VB Pattni, P Naveenchandran, N Narayan International Journal		2014
Design Optimization and Analysis of a Parabolic Leaf Spring S Chandrabose, C Thamocharan, P Naveenchandran, R Anbazhagan Middle-East Journal of Scientific Research 20 (11), 1590-1596		2014

[Evaluation of the Performance and Emission Characteristics of a Single Cylinder Four-Stroke SI Engine with Various Cam Profiles for Higher Performances](#)

2013

M Deenak, C Thamocharan, P Naveenchandran

http://scholar.google.co.in/citations?hl=en&user=Gu29AB0AAAAJ&view_op=list_works&gmla=AJsN-F4lupUQjfoPPwMfZmxTfir2ZrGTGT9izXAA... 1/2

10/29/2014

Naveen Chandran - Google Scholar Citations

Middle-East Journal of Scientific Research 17 (12), 1764-1767

[Investigation for the Performance and Emission Test Using Citronella Oil in Twin Cylinder Diesel Engine](#)

2013

K Raj, C Thamocharan, P Naveenchandran

Middle-East Journal of Scientific Research 17 (12), 1768-1771

[Performance and Emission Study of Several Blends of Ethanol on Single Cylinder Four Stroke Internal Combustion Engine](#)

2013

K Mukherjee, C Thamocharan, P Naveenchandran

Middle-East Journal of Scientific Research 17 (12), 1772-1774

[Experimental Investigation on Performance and Emission Characteristics of Diesel Ethanol Blends in Single Cylinder Four Stroke CI Engine by Using Cerium Oxide and ISO Propanol as Additives](#)

2013

R Divagar, C Thamocharan, P Naveenchandran

Middle-East Journal of Scientific Research 16 (12), 1872-1875

[Performance of Methanol Blended Diesel Fuels in Twin Cylinder Diesel Engine](#)

2013

Y Tarun, C Thamocharan, P Naveenchandran

Middle-East Journal of Scientific Research 17 (12), 1775-1778

[Characteristics of Lean and Stoichiometric Combustion of Compressed Natural Gas in a Direct Injection Engine](#)

2012

R Shahzad, P Naveenchandran, A Rashid, A Aziz

Applied Mechanics and Materials 110, 357-369

[Characteristics of lean and stoichiometric combustion of compressed natural gas in a direct injection engine](#)

2012

ARA Aziz

[Experimental Evaluation and Finite Element Analysis of Composite Leaf Spring for Automotive Vehicle](#)

2012

R Pradeep, CJ Vikram, P Naveenchandran

Middle-East Journal of Scientific Research 12 (12), 1750-1753

Advanced Hybrid Technology in Automotive Vehicle

RA Vimalraj, CJ Vikram, P Naveenchandran

Middle-East Journal of Scientific Research 20 (3), 343-346

2012

Performance and Emission Analysis of Pongamia Oil Methyl Ester with Diesel Blend

M Venkatesan, CJ Vikram, P Naveenchandran

Middle-East Journal of Scientific Research 12 (12), 1758-1765

2012

Investigation for the Performance and Emission Test Using Citronella Oil in Single Cylinder Diesel Engine

JR Kumar, CJ Vikram, P Naveenchandran

Middle-East Journal of Scientific Research 12 (12), 1754-1757

2012

Dates and citation counts are estimated and are determined automatically by a computer program.

http://scholar.google.co.in/citations?hl=en&user=Gu29AB0AAAAJ&view_op=list_works&gmla=AJsN-F4lupUQjfnPPwMf2mxTfir2ZrGTGt9izXAA... 2/2

Recent professional development activities