

RESEARCHER'S BACKGROUND

Name	Associate Professor Dr. Srithar Rajoo
Faculty	Faculty of Mechanical Engineering
Research Interests	Low Carbon Technologies for Transport
Research Entity	Institute for Vehicle System & Engineering (IVeSE)
UTM Administrative Post(if any)	<ol style="list-style-type: none">1. Head of Automotive Lab, Dec 2009 – Dec 2011& Sept 2012 – Aug 20142. Director UTM Centre for Low Carbon Transport in cooperation with Imperial College London, April 2014 – recent.
Post or membership in Professional Bodies/Association (if any)	<ol style="list-style-type: none">1. Member of The American Society of Mechanical Engineers (ASME)2. Member of Society of Automotive Engineers (SAE)

RESEARCH PROFILE

Indexed Publication	<ul style="list-style-type: none">• Book Chapter: 1• Article: 32• Review: 5• Conference Paper: 30
Citation	225
H-index	11
Intellectual property rights (IPR)	<p>3 IPRs (including copyrights)</p> <ol style="list-style-type: none">1. Flow Control Device for A Turbocharger2. Variable Flow-Restricting Turbine Assembly for A Turbocharger, Corresponding Turbocharger Engine and Vehicle and Operating Method3. Passively Controlled Turbocharger

RESEARCH SUPERVISION

Completed	<ul style="list-style-type: none">• PhD: 2 (as main supervisor), 1 (as co-supervisor)• MSc: 1 (as main supervisor)
Current	<ul style="list-style-type: none">• PhD: 4 (as main supervisor), 1 (as co-supervisor)• MSc: 2 (as main supervisor), 1 (as co-supervisor)

AWARDS & RECOGNITIONS

<ol style="list-style-type: none">1. Dugald Clerk Prize 2011, for contribution on Internal Combustion Engine Research, Institution of Mechanical Engineers, IMechE UK2. 2008 UNWIN Prize, Best Mechanical Engineering Ph.D thesis, Imperial College London, UK3. Invited Speaker, Asian Smart Grid/Electromobility Conference, ASGE 2013, Singapore, October 2013.4. Invited Speaker, Future Powertrain Conference, FPC 2014, Solihull UK, February 2014.5. Academic Advisor, Nilai International University College, 2011-20156. Academic Visitor, Imperial College London, 2008 – recent7. Visiting Senior Scientist, Energy Research Institute @ NTU (ERI@N), 2014 - recent
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CONTRIBUTIONS

1. Established the MoA with Imperial College London, leading to investment of more than RM40million from MOHE to UTM, 2014
2. Established MoA with Energy Research Institute @ NTU (ERI@N), to collaborate on a JICA funded project – an international grant for UTM, 2014
3. Established MoA with Caterpillar Inc. USA, to support in the turbocharger R&D, direct foreign fund to UTM, 2015
4. Strong research network with Imperial College London, leading to involvement in industry funded projects and publications for UTM

CONTACT

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