

RESEARCHER'S BACKGROUND

Name	Dr. Goh Pei Sean
Academic Postion	Senior Lecturer
Faculty	Chemical & Energy Engineering
Research Interests	<ol style="list-style-type: none"> 1. Chemical Engineering 2. Materials Science 3. Environmental Science
Research Entity	Advanced Membrane Technology Research Centre (AMTEC)
UTM Administrative Post(if any)	<ul style="list-style-type: none"> – 2016-2018: Pelantikan sebagai Signatory UNIPEM, Fakulti Kej. Kimia and Kej. Tenaga' – Feb 8th, 2013 – Feb 7th, 2015 : Facilitator for Harvard Business School Case Study, Faculty of Petroleum & Renewable Energy Engineering – Jan 1st, 2013 – Jan 1st, 2015 :Panel of Research Program (Renewable Energy Engineering), Faculty of Petroleum & Renewable Energy Engineering – Jan 1st, 2013 – Dec 31st, 2014:Member of Undergraduate Management Committee, Faculty of Petroleum & Renewable Energy Engineering – Jan 1st, 2013 – Dec 31st, 2014:Head of Service Laboratory, Faculty of Petroleum & Renewable Energy Engineering – Jan 1st, 2013 – Dec 31st, 2014: Member of Information System Committee, Faculty of Petroleum & Renewable Energy Engineering – July 1st, 2007 – Present : Lecturer Faculty of Petroleum & Renewable Energy Engineering – Dec 7th, 2004 – Dec 6th 2006 : Assistant Head of Membrane Research Laboratory, Faculty of Chemical & Natural Resources Engineering – July 1st, 2003 – 30th June 2007 : Tutor (Assistant Lecturer) Faculty of Chemical & Natural Resources Engineering – May 1st, 2002 – June 30th, 2003 : Research Officer (Ecocool Technologies – UTM Colloborative Research Project) – Jan 1st, 2002 – April 30th, 2002 : Research Assistant – Solid waste research project, Faculty of Chemical & Natural Resources Engineering
Professional Post & Membership (if any)	<ol style="list-style-type: none"> 1. 2014-Current: IChemE-Member 2. 2013-Current: Institut Kimia Malaysia (IKM)- Associate Member

RESEARCH PROFILE

Indexed Publication	<ul style="list-style-type: none"> • Article – 50 • Review - 11 • Conference Paper - 5
Citation	894
H-index	15
Intellectual property rights	<ol style="list-style-type: none"> 1. A Membrane Pre-treatment System and Process for Producing Refined Oils and Fats. Priority dates: 08-10-2013 (PI2013701894) 2. Mixed Matrix Membrane for Crude Palm Oil Refining System. Trade Secret 5-12-2014 3. Membrane Pre-treatment System and Process for Producing Refined Oils & Fats 2015 (WO2015053609A1) 4. Thin Film Nanocomposite Membrane Incorporating Multi-walled Carbon Nanotubes for Carbon Dioxide Removal. (2016) PI

RESEARCH SUPERVISION

Completed	Phd: Msc:3 Undergraduate:
Current	Phd:9 Msc:8 Undergraduate:

AWARDS & RECOGNITIONS

1.	INATEX 2016, UTM- Gold Medal for Nano-enabled Membrane for CO ₂ Removal
2.	INATEX 2016, UTM- Chancellor Award for Nano-enabled Membrane for CO ₂ Removal
3.	CITRA KARISMA, UTM- Publication Award, Faculty of Chemical and Energy Engineering
4.	INATEX 2015, UTM - Gold Medal for Novel Photocatalytic reactor for Wastewater Organic Pollutants photooxidation and Separation.
5.	INATEX 2015, UTM – Jury Award for Novel Photocatalytic reactor for Wastewater Organic Pollutants photooxidation and Separation.
6.	BIS 2012 Gold medal for sMreactor: Produced Water Treatment for Oil and Gas
7.	ITEX 2012 Gold medal for CNT-M3: Advanced Membrane Material for CO ₂ Removal
8.	INATEX 2011, UTM – Gold medal for CNT-M3: Advanced Material for CO ₂ Removal.
9.	INATEX 2011, UTM – Silver medal for sMReactor: Produced Water Treatment for Oil and Gas.
10.	Citra Karisma- Excellent Service Award
11.	Ekspo Penyelidikan Dan Ciptaan Institut Pengajian Tinggi Antarabangsa
12.	(PECIPTA 2009) - Gold Award for Carbon Nanotube Metal Composite for Advanced Energy Storage (CNT-MC)
13.	Ekspo Penyelidikan Dan Ciptaan Institut Pengajian Tinggi Antarabangsa
14.	(PECIPTA 2009) – Gold Award for Direct Current Plasma Enhanced Chemical Vapour Deposition system (DC-PECVD) for Production of Carbon Nanotubes
15.	INATEX 2008, UTM – Bronze medal for Carbon Nanotube-Metal Composite For Advanced Energy Storage (CNT-MC)
16.	INATEX 2008, UTM - Best of The Best Award and Gold medal for Direct Current Plasma Chemical Vapour Deposition System, (DC-PECVD) for
17.	Production of Carbon Nanostructures BIS 2008, London – Gold Medal Carbon Nanotube-Metal Composite For Advanced Energy Storage (CNT-MC)
18.	Awarded “Academic Award” (July, 2005) - University Teknologi Malaysia.
19.	Awarded “Dean Certificate” for 8 semesters (2001-2005)-University Teknologi Malaysia

CONTRIBUTIONS

1.	14 Feb 2014	Penceramah FTC 2014, Agensi Nuklear Malaysia, Selangor
2.	24 Feb 2014	Penceramah Mini FTC 2014, UTM, Johor

CONTACT

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