

**MOHD IZHAM SAIMAN****Ph.D. (University of Cardiff)**

SENIOR LECTURER (Dr)  
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Faculty of Science  
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**EXPERTISE**

Heterogeneous catalysis, petroleum chemistry, nanochemistry, material chemistry

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Dr Mohd Izham bin Saiman, a senior lecturer received his PhD in heterogeneous catalysis from Cardiff University (United Kingdom) under supervision of Prof. Graham Hutchings. During his PhD, he worked on old nanoparticles catalyst for the selective oxidation of hydrocarbons. His findings on gold-palladium supported catalysts for solvent free oxidation of toluene have been published in high impact factor journals. He is also one of the principal researchers at the Centre of Excellence for Catalysis Science and Technology (PutraCAT), Universiti Putra Malaysia.

**CURRENT RESEARCH INTERESTS :**

- The study of gold nanocrystals as novel active heterogeneous catalysts and their characterisation
  - Heterogeneous catalyst for biodiesel production.
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**LINK TO POSTGRADUATE FIELD OF STUDY:**

Catalysis, material science and nanotechnology

**ADDITIONAL INFORMATION:**

[https://www.researchgate.net/profile/Mohd\\_Saiman](https://www.researchgate.net/profile/Mohd_Saiman)  
<http://profile.upm.edu.my/mohdizham>