

**TAUFIQ YAP YUN HIN****Ph.D. (University of Manchester)**

PROFESSOR DR.  
Department of Chemistry  
Faculty of Science  
Tel: 03 89466809  
Fax: 03-89466758/03 89435380  
taufiq@upm.upm.edu.my

**EXPERTISE**

Catalysis

Taufiq-Yap, Yun Hin is currently a Professor at the Department of Chemistry and Head of Laboratory for Sustainable Chemicals and Bioenergy, **Catalysis** Science and Technology Research Centre, Faculty of Science, Universiti Putra Malaysia. He earned his BSc (Hons) and MSc in 1992 and 1994, respectively at Universiti Putra Malaysia. He then went on to earn his PhD (1997) in heterogeneous **catalysis** at University of Manchester Institute of Science and Technology (UMIST), United Kingdom. He published various reviews on biodiesel and hydrogen production from biomass, and is author of over 310 scientific publications, several communications in international **conferences** (over 30 Plenary or Keynote/Invited lectures in the last 5 years), he is author/editor of 2 books on biodiesel. He is currently the Regional Managing Editor for Asia-Pacific for Bulletin of Chemical Reaction and Catalysis, Editorial Board member for Catalysis Survey from Asia, Bulletin of Catalysis Society of India, Malaysian Journal of Chemistry, Malaysian Journal of Analytical Chemistry, Vietnam Journal of Catalysis and Adsorption and Malaysian Journal of Catalysis. Throughout his career, Professor Taufiq-Yap has been the recipient of the following Awards and Distinctions: National Young Scientist Award (2002); Top Research Scientist Malaysia (2013); Visiting Researcher at Cardiff Catalysis Institute, Cardiff University, UK (2004, 2005); The Outstanding Young Malaysian Award (2008). Professor Taufiq-Yap was appointed as Fellow of Academy Science of Malaysia (2015), Fellow, Malaysia Institute of Chemistry (2009) and Fellow, Royal Society of Chemistry, UK (2008); He was also appointed as Visiting Professor at Nagoya University, Japan (2011), Universiti Teknologi PETRONAS (2012) and Curtin University Sarawak (2011-2015), and elected as Titular Member of International Union for Pure and Applied Chemistry (IUPAC). He is currently the President of Malaysian Catalysis Society (2016-now) and Executive Council Member of Asia-Pacific Association of Catalysis Society (APACS).

**CURRENT RESEARCH INTERESTS:**

His research interests lie on designing heterogeneous catalysis and nanocatalyst for sustainable energy and chemicals production from biomass and renewable resources and environment protection, including the reduction/utilisation of greenhouse and toxic gas emissions by catalytic technologies.

**LINK TO POSTGRADUATE FIELD OF STUDY:**

Heterogeneous Catalysis, Biomass Conversion, Renewable Energy, Biodiesel Production, Hydrogen Production

**ADDITIONAL INFORMATION:**