

Dr. Zainul Akmar Zakaria



Dr. Zainul Akmar Zakaria is an **Associate Professor** under the Department of Bioprocess and Polymer Engineering, Faculty of Chemical and Energy Engineering (**FCEE**), Universiti Teknologi Malaysia (UTM). He is currently holds the position of **Research Manager** in FCEE as well as being a **Full Time Research Fellow** at the Institute of Bioproduct Development (**IBD**), UTM where he **works on** biomass valorization and microbial technology. Dr. Zainul completed his secondary education from Victoria Institution, KL in 1993 and his tertiary education in 2006 with a Ph.D in Environmental Biotechnology from UTM. He is **teaching** both undergraduates and postgraduate subjects in the field of Chemical and Bioprocess Engineering mainly on biotechnology. At present, he has **graduated** 3 Ph.D students (2 as Main Supervisor), 8 full-time research students (3 as Main Supervisor), 8 taught-course research students (all as Main Supervisor) and currently supervising 3 Ph.D and 2 M.Phil students as Main Supervisor. He has **published** 37 ISI-indexed papers (Scopus h-index of 12, CIF of around 70, citations of 485), 2 Research Books, 5 Edited Books and 10 Book Chapters. Dr. Zainul has also **filed** 7 Patent applications to MyIPO either as Main or Joint Applicant. He is **leading/ had lead** various research projects such as HiCOE, PRGS, FRGS, PPRN, MPIB and UTM RU grants with cumulative amounts of around RM1.2 million. He was **also involved as Lead Researcher** in other projects such as Technofund (MOSTI, MOA), Cradle Fund, MTDC and FRGS with cumulative amounts of RM3.5million. He has also acted as **consultant** for LJS Environment, Australia in a project worth RM326,000 in 2014. Some of his **notable achievements** include *UTM Excellent Service Award* for Indexed Journal Publication (2012, 2014, 2015), one of 20 selected participants in UTMShine program (2016), *Guest Editor* for conference Special Issues in journals namely *Bioresource Technology* (2013), *International Biodeterioration & Biodegradation* (2012), *Desalination and Water Treatment* (2014, 2015), *International Research Grant Evaluator* for KSA (2013), ACS (2016) and RSA (2016), *Fellow*, UTM Research Publication Centre (2012-2014) and *Program Head*, UTM Flagship Program (UTM-CONICET, Argentina R&D Program 2015-2017). He has also **represented UTM in various R&D Exhibition/ Exposition** such as IIFME (Kuwait, 2010), BioInno Awards (2009, 2010 & 2012), AusBiotech (Melbourne, 2008), BIS (London, 2006), IENA (Nuremberg, 2005), ITEX & R&D IPTA 2005.

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