

Dr Ravichandar Babarao wins the World Future Foundation Prize in Environmental and Sustainability Research 2011

Dr Ravichandar Babarao, our ChBE PhD graduate in 2010 under the supervision of Asst Professor Jiang Jianwen, has won World Future Foundation Prize in Environmental and Sustainability Research Development 2011. This prize given by the World Future Foundation, is the highest award (US\$10,000) among student prizes given out at Singapore universities. Dr Ravichandar Babarao is awarded for his PhD thesis entitled “Computational Study on Adsorption and Diffusion in Metal-Organic Frameworks”. In his PhD research, the underlying mechanisms on adsorption and diffusion in a novel class of nanoporous crystalline materials were investigated using advanced molecular simulation techniques for storage, separation and emerging applications. The World Future Foundation has a vision and passion on sustainable development and attempts to understand the urgent need of addressing multi-scale issues confronting mankind and environment.



World Future Foundation Prize winners. Leftmost: Dr Ravichandar Babarao.