



## DEPARTMENT OF ENVIRONMENTAL ENGINEERING

The Department of Environmental Engineering is one of the four departments in the Faculty of Civil Engineering. Although the smallest, the Department is developing fast with the advancement of technology moving towards Green Technology. Environmental Issues are the concerned of the society that need to be addressed, and the Department is promoting forward-looking academic research and internationalization by having academic staff and research fellow from overseas, as well as establishing joint-research efforts with foreign institutions. Students that come under the Department's wing are educated and trained to become leaders in civil engineering with environment and sustainability concerns in mind.

The Department is led by the Head of Department whose responsibility is to manage the academic and technical staff under his jurisdiction. The Head of Department is assisted by the Head of Laboratory and two Heads of Panel that are Environmental Engineering and Environmental Management Panels. Directly under the panels are the course coordinators.

Currently the Department has 21 academic staff including two international lecturers and 5 supporting staff. Altogether, there are 15 academic staff with PhD qualifications and two of them are qualified professional engineers. The expansion within the last few years has seen the Department progressively reforming its curriculum to include emerging technologies and their applications to the environmental engineering.

Besides teaching as the core business, the Department is also highly dynamic in research and consultancy especially in the field of water quality management, water and wastewater treatment, membrane technology and waste management. In line with the Research University status, the Department is aggressive in producing students with research acumen, well-versed in the latest technologies and in tandem with the Faculty's motto to be "Always Ahead". During INATEX 2010, members of the academic staff (Dr Khalida Muda, Assoc. Prof. Dr Azmi Aris and Prof. Dr Mohd Razman Salim) received Silver Medal for their research works on Aerobic Granulation. The strength of the Department in research and development has attracted both local and foreign students for postgraduate study.



The Department also managed to conduct colloquiums and seminars presented by prominent speakers in collaboration with IPASA. The technical staff attended training to enhance their skills particularly on the laboratory procedures. Some of the academic staff attended conferences and Global Outreach Programme. Some of the events are listed below:

#### ACTIVITIES OF THE DEPARTMENT

NO.	ACTIVITIES	DATE	VENUE
1	Colloquium – refer to IPASA for the name of presenters	Periodical	IPASA Meeting Room
2	MOU Signing Ceremony between UTM and MWA – representing for Department of Environmental Engineering, FKA	7 April 2010	Kuala Lumpur Convention Centre, Kuala Lumpur
3	Farewell Gathering for Lab. Technical, Mohd Yusoff bin Mohd Napi who retired on 8 July 2010	26 June 2010	Restoran JB Catering, Taman Merdeka, Johor Bahru
4	Environmental Studies Visiting Programme to Universitas Indonesia, Jakarta and Institut Teknologi Bandung, Indonesia	25 –31 July 2010	Universitas Indonesia, Jakarta Institut Teknologi Bandung
5	The 4 <sup>th</sup> World Engineering Congress 2010 Engineering and Tecdhnology for Global Stability and Security	2 – 5 August 2010	Hilton Hotel, Kuching, Sarawak
6	Membrane Water Treatment – System Design by Water Treatment Academy (Assoc. Prof. Dr. Azmi Aris)	12 – 13 October 2010	Impiana KLCC Hotel, Kuala Lumpur

