Happy Chinese New Year 2019

Office of the Deputy Vice-Chancellor (Academic & International)
On 27th November 2018, UMT received a 2-day visit from Chemical Company of Malaysia Berhad (CCM). The delegation was jointly hosted by the Centre of Knowledge Transfer and Industrial Networks (PIJI) and School of Ocean Engineering. The purpose of the visit was to strengthen the collaboration between UMT and CCM in knowledge transfer and joint research following the signing of Memorandum of Understanding (MoU) on 25 May 2018. The delegation was led by Pn. Nik Fazila binti Nik Mohamed Shihabuddin, Group Managing director of CCM Berhad, Dr Khew Mei Ching, Chief Executive Officer of CCM Polymers Sdn Bhd along with two R&D managers.

CCM is a public listed company providing sustainable solutions based on innovative sciences to the manufacturing and glove sectors. Its core business activities include chemical products, polymer coating, and applications. CCM Polymers Sdn Bhd is a main subsidiary of CCM that is principally involved in manufacturing and providing a wide range of polymer coating solutions for the rubber glove industries, industrial cleaners, and hydrogel coating products.

During the visit, Pn. Nik Fazila delivered an industrial talk on “Qualities and Skills Required in an Organisation”. She shared the importance of soft skills, time management and integrity in industry to about 200 students from the School of Fundamental Sciences, School of Ocean Engineering, School of Marine and Environmental Sciences, and School of Food Science and Technology. This was followed by a pitching session by research teams led by Prof Dr. Wan Mohd Norsani bin Wan Nik, Assoc. Prof. Ts. Dr Lam Su Shiung, and Assoc. Prof. Dr. Kesaven Bhubalan to discuss on joint research with CCM via matching grant to produce polymer coatings with improved features using green and innovative technology. The delegation from CCM also visited the hatchery of Institute of Tropical Aquaculture (AKUATROP), Institute of Oceanography and Environment (INOS), Central Laboratory UMT and Research Vessel Discovery (RV-Discovery).

Source – Foong Shin Ying (foongshinying@gmail.com), Lam Su Shiung (lam@umt.edu.my)
Associate Professor Ts. Dr. Lam Su Shiung from the School of Ocean Engineering of UMT was invited as keynote speaker for the International Conference on Biomass Resources Reuse (ICBRR 2018) held from 24-26 October 2018 in Zhengzhou, China. The conference was jointly organized by International Water, Air & Soil Conservation Society, College of Forestry and Henan Province Engineering Research Center for Forest Biomass Value-added Products, Henan Agricultural University, Huanghe Jiaotong University, Hunan Green House Engineering Research Center, and Central South University of Forestry and Technology.

Dr. Lam gave a keynote presentation on "Microwave pyrolysis – A promising technique for conversion of biomass resources into energy, green chemicals, and value-added products", highlighting the findings from research work conducted by his research group in UMT, particularly the advantages and potential of microwave pyrolysis process to produce environmental friendly biochar and bio-oil from biomass. The biochar can potentially be used as filter material to adsorb pollutant in wastewater treatment and also as bio-fertilizer for use in agriculture, while the bio-oil shows potential for use as biodiesel.

Following the conference, Henan Agricultural University (HAC) in China approached and discussed with Dr. Lam on research collaboration between HAC and UMT. A Memorandum of Agreement (MoA) was proposed in the form of matching grant, leading to signing of a research collaboration agreement between UMT and HAU to work on a joint research project on application of green technology and catalyst for production of value-added product from forestry waste and biomass. The project will involve exchange or attachment of researcher and postgraduate student between UMT and HAUC, and sharing of research facilities between the two institutes.

This collaboration was initiated via appointment of Dr Lam as Visiting Professor by the College of Forestry of HAC from 1st January 2019 to 31st December 2023. The appointment was made based on recognition of Dr Lam’s expertise in process and product development for biomass recovery. Dr. Lam will be invited for short-term research attachment in HAC via this appointment under full sponsorship by HAC, offering his expertise in joint research with UMT on recovery of forestry waste.

Source – Foong Shin Ying (foongshinying@gmail.com), Lam Su Shiung (lam@umt.edu.my)
Prof. Ir. Dr Noor Azuan Abu Osman, the Deputy Vice Chancellor (DVC) Academic and International have hosted a coffee session with twenty-seven UMT international academia on the 30th January 2019.

This is the first get-together between the DVC and staff as most of them are new in UMT. The session includes experience sharing, exchanging point of views, visions on UMT internationalisation, visibility, and increase academic reputation while enjoying an afternoon coffee.

Currently, the international academia made up the 5% of UMT total academic staff and more to be hire to fulfill the university internationalisation initiative.
UMT are glad and honoured to invite you and your postgraduate students under your supervision to submit research paper and also to participate in our upcoming conference, The International Conference on Ocean, Engineering Technology and Environmental Sustainability 2019 (I-OCEANS 2019), which will be held in Universiti Malaysia Terengganu, Kuala Nerus, Terengganu, Malaysia (5-7 August 2019). All accepted full papers will be reviewed and considered for publication in The International Journal of Engineering & Technology (Scopus Indexed).

For more detail please visit: oceans2019.umt.edu.my or email to: oceans@umt.edu.my

Conference topics including but not limited to:

**OCEAN ENGINEERING AND OCEANOGRAPHY**
- Naval Architecture
- Marine Engineering
- Coastal and Offshore Engineering
- Computational Fluid Dynamic
- Engineering Material
- Thermo Fluid
- Hydro Dynamic
- Ship Structure
- Marine Renewable Energy
- Remote Sensing

**ENERGY, ENVIRONMENT AND SUSTAINABILITY**
- Water and Wastewater Technology
- Solid and Schedule Waste
- Air Pollution
- Safety and Health
- Environmental Law and Management
- Environmental Impact Assessment
- Green Technology
- Energy Efficiency
- Energy Policy
- Sustainable Material
- Hydrology and Water Resource
- Renewable Energy

**NAUTICAL SCIENCE AND MARITIME TRANSPORTATION**
- Marine Navigation System
- Hydrography
- Maritime Communication
- Marine Cargo Operation
- Marine Transportation
- Maritime Safety
- Maritime Security
- Ship Handling
- Shipboard Operation
- Maritime Education and Training
- Port Operation
- Maritime Policy
- Shipping Management

**ELECTRONICS AND INSTRUMENTATION**
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