

# MONTHLY NEWSLETTER

## PROFESOR DR. HANAFI ISMAIL MENDAPAT PENGIKTIRAFAN BERPRESTIJ DI KOREA SELATAN

4 Disember 2016 - Profesor Dr. Hanafi Ismail dari Pusat Pengajian Kejuruteraan Bahan dan Sumber Mineral (PPKBSM) telah memenangi anugerah World Golden Scientist Grand Award anjuran Korean Inventions News (KINEWS) di Seoul, Korea Selatan melalui inovasi beliau 'Recycling of Rubber Wastes and Biodegradable Plastics'. Selain daripada itu, Profesor Dr. Hanafi Ismail turut dinobatkan sebagai salah seorang penerima anugerah utama iaitu Outstanding Leaders of Global Inventors dan telah dilantik sebagai Profesor Kunjungan oleh Korea Invention Academy.

## PROGRAM INDUSTRIAL INSIGHT: CASE STUDY BERSAMA NACE INTERNATIONAL USM STUDENT SECTION

7 Disember 2016 - NACE International: USM Student Section telah mengadakan program "Industrial Insight: Case Study". Seramai kira-kira 25 orang peserta majoritinya dari Program Kejuruteraan Bahan, Universiti Sains Malaysia telah menyertai program ini dengan objektif utama untuk mendedahkan pelajar kepada bidang kakisan di dalam industri petroleum. Aktiviti ini telah dijalankan di BSK1 PPKBSM. Selepas sesi ceramah para peserta telah dibahagi kepada kumpulan kecil dan diberikan kajian kes berdasarkan situasi sebenar di pelantar minyak. Majlis Program diakhiri dengan sesi pembentangan dan penyampaian hadiah oleh wakil NACE Malaysia.

## JAPANESE PROFESSOR DISPATCH PROGRAM

19-20 December 2016 - Professor M. Kawashita from the Graduate School of Biomedical Engineering, Tohoku University, Japan has visited SMMRE under Japanese Professor Dispatch Program. The visit was supported by AUNSEED net-JICA. Professor Kawashita also has presented a seminar-talk to staffs and postgraduates of SMMRE in the morning in Seminar Room on 'Protein Adsorption on Hydroxyapatite and Al<sub>2</sub>O<sub>3</sub> and the Effects on Osteoblast-like Cell Response' as well as 'Ceramic Microspheres for Intra-arterial Therapy'. After the talk in the afternoon, he visited Advanced Medical and Dental Institute (AMDI) of Universiti Sains Malaysia in the afternoon, had together with some research discussion as well as making a visit to the Animal Laboratory.

## LAWATAN PRESIDEN TOYOHASHI UNIVERSITY OF TECHNOLOGY (TUT) KE PPKBSM

20 Disember 2016 - Presiden Toyohashi University of Technology (TUT), Prof Takashi Onishi serta delegasinya telah melakukan lawatan ke Pusat Pengajian Kejuruteraan Bahan dan Sumber Mineral (PPKBSM). Tujuan lawatan adalah untuk membincangkan kolaborasi di antara USM dan TUT terutama sekali dalam bidang penyelidikan. Timbalan Naib Canselor (Penyelidikan dan Inovasi) USM, Prof. Dato' Dr. Muhamad Jantan turut hadir semasa lawatan ini. Delegasi turut dibawa melawat ke fasiliti dan makmal yang terdapat di PPKBSM.


## EXTERNAL EXAMINER OF MINERAL RESOURCES ENGINEERING VISITED SMMRE

21 December 2016 – Honourable Prof. Tsutomu Sato from Department of Environmental Geology, Faculty of Engineering, Hokkaido University visited School of Materials and Mineral Resources Engineering (SMMRE) as an external examiner of for Mineral Resources Engineering Program. The visit is mainly to look into the sustainability of the program in the perspective of curriculum and requirement for planning and development in the future, especially on the teaching staff and academic facilities. Prof. Tsutomu Sato also presented a talk on "Geochemical Reaction Modelling: Powerful tool for Management of Mining and Mineral processing".

## SYARAHAN OLEH PROFESOR KIM L PICKERING

28 Disember 2016 – Bertempat di Bilik Seminar, SERC, Kampus Kejuruteraan, satu syarahan bertajuk 'Developing High Performance Natural Fibre Composite' telah disampaikan oleh Pofesor Kim L Pickering dari Faculty of Science and Engineering, University of Waikato, New Zealand. Syarahan ini merupakan anjuran bidang tujuan (niche area) polimer komposit USM. Seramai hampir 40 orang peserta telah menghadiri dan mendapat manfaat dari majlis syarahan ini.

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