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*“Science is about
knowing;
engineering is
about doing.”*

Henry Petroski

MJIIT Newsletter



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

MJIIT

MALAYSIA - JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY

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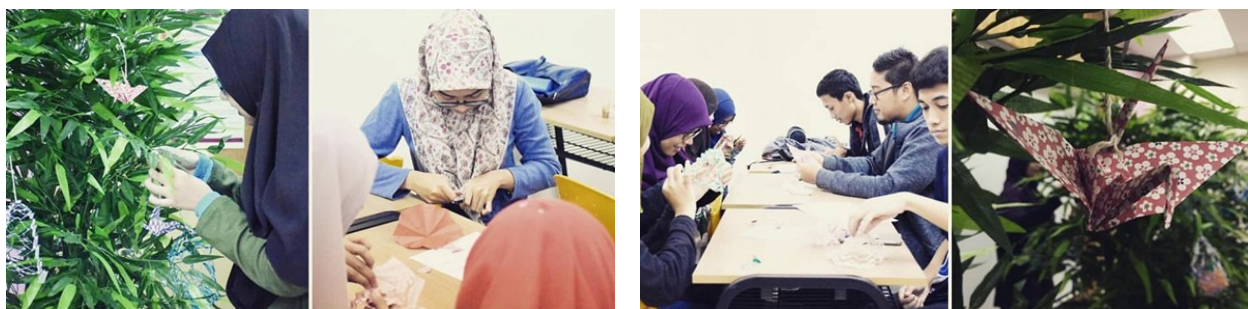
July ~ September

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JAPANESE CULTURE: TANABATA

On 21 Jun 2016, Japanese Language Unit organized an event known as *Tanabata* Festival. In Japan, people celebrate *Tanabata* Festival which also known as Star Festival on 7th July by writing their wishes on *tanzaku*, strips of paper and hanging them on a bamboo. The activities hosted as an opportunity for students and staff to experience this festival.



ACADEMIC VISIT: RITSUMEIKAN UNIVERSITY



A group of students, 6 undergraduates and 5 postgraduates from Ritsumeikan University accompanied by Prof. Takashi Higuchi and Assoc. Prof. Keisuke Sato visited MJIIT on 22 August 2016. They were given introduction to MJIIT by Prof. Dr. Masafumi Goto and Prof. Dr. Norio Sugiura. Other activities conducted were visiting laboratory and research presentations by students of Ritsumeikan University and MJIIT.



ACADEMIC VISIT: AWARDEES OF JICA ESSAY CONTEST



10 students from different Japanese Junior High School students visited MJIIT on 29 July 2016. They are Awardees of JICA Essay Contest. They were welcome by Prof. Dr. Fuminori Kobayashi, Deputy Dean (Liaison and Internationalization) followed by interactive session with JICA team and volunteers. After that they had a campus tour including visiting a few laboratory.



EXCHANGE STUDENTS PROGRAMME

As a new academic session began in September 2016, MJIIT received 8 students from Japan under Non-Graduating Students Programme. Three undergraduate students from Tokyo University of Agriculture and Technology (TUAT), 3 undergraduate students from Shibaura Institute of Technology (SIT), 1 postgraduate student from University of Tsukuba and 1 postgraduate student from Meiji University.

Ms. Ayaka Kamiyama, Mr. Yusuke Kume, Ms. Ayumi Matsuda and Mr. Kakeru Honjo joined Department of Mechanical Precision Engineering while Mr. Kazuma Asano, Mr. Atomu Otsuke, Mr. Taisei Suzuki and Mr. Ryo Asada joined Department of Electrical System Engineering. Seven of them will be leaving MJIIT at the end of the semester and Mr. Kakeru Honjo will stay for another semester.

ACADEMIC VISIT: TOKYO CITY UNIVERSITY



A group of 10 students from Tokyo City University (TCU) visited MJIIT from 25 September to 1 October 2016 under a joint project-based learning (PBL) program between the two institutions. The purpose of this program is to strengthen the relation of students between TCU and MJIIT as well as staff via the experience of collaboration on the PBL program. The activities included attending lectures, experiments and group work with MJIIT students.

TCU students attended some lectures based on their background with MJIIT students to assimilate to the environment and to make friends. Some TCU students act as teaching staff for basic electric experiments that are part of the course held at mechanical systems engineering in TCU. This experiment was provided for some MJIIT students. As a group work, TCU and MJIIT students make some team and each team deals with a problem provided by MJIIT staffs.

SHORT TERM PROGRAMME: TOKYO UNIVERSITY OF AGRICULTURE AND TECHNOLOGY



MJIIT received 10 students from Tokyo University of Agriculture and Technology (TUAT) for short term programme from 18 to 25 September 2016. The objectives of this programme were to enhance English language proficiency and exposure as teaching assistants in Japanese Language class, other than to learn culture of Malaysia. Their activities were joined Japanese Language class as teaching assistant, campus tour, visits to a few places in Kuala Lumpur and interactive session with MJIIT students.



MDRM SEMINAR & OPEN DAY 2016



Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia with the support of Japan International Cooperation Agency (JICA), Japanese University Consortium (JUC) and University of Tsukuba Japan hosted the Disaster Risk Management (DRM) Seminar 2016, together with the Open Day of the Master of Disaster Risk Management (MDRM) at UTM Kuala Lumpur. The Seminar was officiated by Tuan Mohd Ariff bin Baharom, Deputy Director General, Planning & Preparedness Sector, National Disaster Management Agency, Malaysia. Officers from the Malaysian Civil Defense Department were also there for a demonstration on Disaster Management.

MDRM Seminar 2016 aims at bringing together stakeholders, prominent figures, leading academic scientists, professors, and especially prospective post-graduate students who are interested to acquire knowledge and skills in the field of Disaster Risk Management. We are aiming to discuss and advance our understanding on disaster risk reduction towards building a disaster resilient community in Malaysia. This event is accompanied by the Board of Studies (BOS) DRM MJIT members, funding agencies, and Japanese University Consortium (JUC) representatives in such a way that the respective participants will be able to get a glimpse of this Masters Course and the current activities of disaster risk management in Malaysia.

MDRM is an initiative by the Malaysia-Japan International Institute of Technology, Universiti Teknologi Malaysia, Kuala Lumpur with the support of the Japanese University Consortium (JUC) that offers the first Master's degree by coursework in Disaster Risk Management (DRM) in Malaysia.

It aims to foster highly skilled human resources who can be leaders in the field of disaster risk management in the public and private sectors in Malaysia and the ASEAN region in general. The MDRM course is offered to full time (1 year) and part-time (3 years) students. Similarly, certified Professional Training Courses are also offered. MDRM is implemented as a joint collaboration between lecturers of MJIT-UTM and prominent Japanese universities and institutions. Students will have an opportunity to also join a 2-week programme in Japan to obtain hands-on field experience and acquire great knowledge in Disaster Risk Management. MJIT-UTM Kuala Lumpur has taken a great initiative by leading multi-disciplinary disaster research and providing a better platform to advancing disaster risk toward developing a disaster resilient society in a changing climate.



MDRM Seminar & Open Day 2016 media release on Bernama: <http://www.bernama.com/bernama/v8/newsindex.php?id=1268861> (subscription required) - MDRM Website

CONGRATULATIONS: DR. NORHAYATI ABDULLAH



DR. NORHAYATI ABDULLAH
UTM Malaysia-Japan International Institute of Technology (MJIIT)

on achievement of

International Water Association Fellow

STAFF RETIREMENT

Until September 2016, three Japanese academic staffs ended their duty at MJIIT. They are:

- 1) Assoc. Prof. Dr. Tohru Suwa (MPE)
 - 16 September 2016
- 1) Prof. Dr. Akira Kobayashi (MPE)
 - 10 September 2016
- 1) Prof. Dr. Nozomu Hamada (ESE)
 - 30 September 2016

Their commitment and contribution to MJIIT are highly appreciated.

VISIT FROM SANSUI-KAI PENANG & SHAH ALAM



MJIIT received visitors from Sansui-Kai Shah Alam and Penang on 23 September 2016. Sansui-Kai is a social forum for Japanese manufacturing companies. They were welcomed by Prof. Dr. Fuminori Kobayashi, Deputy Dean (Liaison & Internationalization), Prof. Masahiko Horie, UTM Distinguished Ambassador and Japanese Academic Staff. After welcoming speech and brief introduction to MJIIT, they visited several laboratories.

VISIT FROM E-JUST



On 29 September 2016, MJIIT received visitors from Egypt Japan University of Science and Technology (E-JUST). They are Prof. Ahmed El-Gohary, the President of E-JUST, Prof. Masaaki Suzuki, the Vice President and Mr. Atsumu Iwai, JICA Chief Advisor. The main purpose of the visit was to find more about MJIIT and sharing experience in establishment of institutions based on Japanese way of learning.



They were welcomed by Prof. Datin Dr. Rubiyah Yusof, Dean of MJIIT. The event continued with Introduction of E-JUST by Prof. El-Gohary, President E-JUST followed by explanation of MJIIT education programme for Undergraduates by Prof. Kobayashi, Deputy Dean (Liaison & Internationalization). MJIIT also shared information about Japanese language programme presented by Ms. Hasparina Abdul Ghafar, JICA Japanese Language Consultant, Industrial Training Program, Career Fair and Alumni Committee presented by Mr. Sakae Yamada, JICA Expert. The event ended with Q&A session.





1ST INTERNATIONAL CONFERENCE ON ADVANCED TECHNOLOGY AND APPLIED SCIENCES (ICATAS 2016)

The 1st International Conference on Advanced Technology and Applied Sciences (ICaTAS 2016) was held in conjunction with Malaysia-Japan Joint International Conference (MJJIC 2016) and 4th AUN/SEED – Net Regional Conference on Natural Disaster (RCND2016) from 6th September to 7th of September 2016 at Seri Pacific Hotel, Kuala Lumpur, MALAYSIA. The conference was jointly organized by Malaysia-Japan International Institute of Technology (MJIIT), Universiti Teknologi Malaysia (UTM) and Arab Academy for Science, Technology & Maritime Transport (AASTMT).

ICaTAS 2016 was divided into several sections related but not limited to the following scientific tracks:

- Section 1: Engineering and Technology which covered topics on Electrical and Electronic Engineering; Mechanical Precision and Industrial; Mechanical and power engineering, Fluid and solid mechanics, Marine and naval engineering, Geophysics; Aeronautics; Mining and Materials; Chemical and Environmental; Civil and Architecture; Computer & Information Technology; Biomedical Engineering
- Section 2: Life and Applied Science which covered on Mathematics; Physics and Biophysics; Nano- and Quantum Sciences; Biosciences and Bioinformatics; Biology, Pure and Applied Chemistry; Marine Sciences.

All accepted papers will be included in the Journal of Advanced Research in Applied Sciences and Engineering Technology. Selected papers will be published in Jurnal Teknologi (Scopus indexed). In year 2017, Arab Academy for Science, Technology & Maritime Transport (AASTMT) will host ICaTAS 2017 in Egypt.

MALAYSIA-JAPAN JOINT INTERNATIONAL CONFERENCE (MJJIC 2016)

MJJIC 2016 is the fifth academic event jointly arranged by Malaysia-Japan International Institute of Technology (MJIIT) and Japan University Consortium (JUC). It is a platform for academics, researchers and postgraduate students from MJIIT, JUC members and ASEAN countries to exchange research ideas. With participation by a large number of young researchers, it is also a platform for new collaborative ventures and strategic alliances to gain better insights into engineering research and technology innovation to harness the strength and synergies to bring further prosperity to the nations.

MJJIC 2016 divided into several sections related but not limited to the following scientific tracks:

- | | |
|---|------------------------------------|
| a. Electronic System Engineering | d. Management of Technology |
| b. Mechanical and Precision Engineering | e. Robotics and Design Engineering |
| c. Environmental and Green Technology | |
-

4TH AUN/SEED-NET REGIONAL CONFERENCE ON NATURAL DISASTER 2016



On 6-7 September 2016, AUN/SEED-Net together with Universiti Teknologi Malaysia (UTM-MJIIT) and JASTIP organized the 4th AUN/SEED-Net Regional Conference on Natural Disaster with the theme of "Towards Durable Disaster Preparedness and Sustainable Recovery". The RCND 2016 conference was organized in conjunction with the 1st International Conference on Advanced Technology and Applied Sciences (ICATAS2016) and MALAYSIA - JAPAN Joint International Conference (MJIIC2016) at Seri Pacific Hotel, Kuala Lumpur, Malaysia.

The conference provided an opportunity for faculty staffs of AUN/SEED-Net Member Institutions

(MIs), Japanese Supporting Universities (JSUs), as well as AUN/SEED-Net students and alumnus in the field of Natural Disaster (ND) to exchange research trends and findings as well as to discuss the collaborative activities. There were invited keynote speakers from several sectors including Japanese Universities, ASEAN Universities and health sectors joining the conference. It was estimated that about 300 participants from different divisions attended the conference.



The 5th AUN/SEED-Net Conference on Natural Disaster will be held in September 2017, hosted by Chulalongkorn University (CU), Bangkok, Thailand. - www.seed-net.org

MANAGEMENT OF TECHNOLOGY INTENSIVE COURSE



The intensive Management of Technology (MOT) training for Japanese Fiscal Year (JFY) 2016 was successfully organized between 1-12 August 2016 at Malaysia-Japan International Institute of Technology (MJIIT) with joint collaboration from Universiti Teknologi Malaysia (UTM), Kuala Lumpur, Malaysia. The total 19 selected faculty staff of JICA Project for AUN/SEED-Net Member Institutions (MI), whose age was under 35 years old with mix of highest degrees ranging from master degree to doctoral degree and diverse countries; Cambodia, Indonesia, Myanmar, Thailand, the Philippines, and Vietnam, attended the training.

The course mainly comprised Intellectual Property, Innovation, Marketing, Industrial Visit, and Industrial Forum. The objective of the training was to enhance knowledge and capacity in making a collaboration with the industrial sector through research activities and to initiate awareness of the importance of MOT and how it could enhance academic curricular among members of the network. MOT was also further considered as a platform to strengthen the academic network within ASEAN and beyond.



MJIIT - JICA team have an opportunity to brief about Japan - ASEAN Integration Fund (JAIF) scholarship during the event. The scholarship offered to potential students from ASEAN country to pursue their study in Master and PhD at MJIIT. - www.seed-net.org

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MAIN ACTIVITIES

MJIIT DINNER 2016



Annual Dinner 2016 at Seri Pacific Hotel on 5 September 2016 in conjunction with
4th AUN/SEED-Net Regional Conference on Natural Disaster 2016, 1st International
Conference on Advanced Technology and Applied Sciences (ICATAS 2016),
Malaysia-Japan Joint International Conference (MJIC 2016).