

# MJIIT NEWS LETTER



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## ASIAN MINISTERIAL CONFERENCE ON DISASTER RISK REDUCTION

**Participation in the Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) in Ulaanbaatar, Mongolia with Deputy Prime Minister Datuk Seri Dr. Wan Azizah Wan Ismail.**

Two UTM faculty members of the Disaster Preparedness and Prevention Centre (DPPC) of the Malaysia-Japan International Institute of Technology (MJIT), Professor Dr. Aminaton Binti Marto and Dr. Faizah Che Ros, accompanied by JICA Expert and Associate Professor Dr. Shohei Matsuura, participated in the Asian Ministerial Conference on Disaster Risk Reduction (AMCDRR) in Ulaanbaatar, Mongolia as members of the Malaysian government delegation.



AMCDRR, organized by the United Nations Office for Disaster Risk Reduction (UNISDR) from 3rd to 6th July 2018, has brought together over 3,000 high-level officials, researchers and practitioners in the field of disaster risk reduction (DRR) from the Asia-Pacific region to discuss the implementation of the Sendai Framework for Disaster Risk Reduction (SFDRR: 2015-2030), the global agenda for DRR.

During the conference, Dr. Faizah Che Ros presented on MJIT's disaster program and how its education/professional training, research and field activity programs have been contributing in building disaster resilience in the Malaysian societies in close cooperation with government agencies including the National Disaster Management Agency (NaDMA), Malaysia Civil Defense Force (APM) and Department of Irrigation and Drainage (DID).

Professor Aminaton and Dr. Faizah also made a courtesy call to Datuk Seri Dr. Wan Azizah Wan Ismail, Deputy Prime Minister of Malaysia during the conference in Ulaanbaatar. The Deputy Prime Minister expressed strong interest in the Master of Disaster Risk Management (MDRM) and Certified Professional Training (CPT) programs and acknowledging the benefits of strong partnership with Japanese universities for human capacity building for DRR in Malaysia. - [DPPC Website](#)

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*"Science can amuse and fascinate us all, but it is engineering that changes the world."*

*Isaac Asimov*

## VISIT FROM JAPANESE FOREIGN AFFAIRS MINISTRY

KUALA LUMPUR, 11 July 2018 – The Malaysia-Japan International Institute of Technology (MJIIT) of Universiti Teknologi Malaysia (UTM) has received a courtesy visit from the Ministry of Foreign Affairs of Japan. The visiting team was led by the Minister of Foreign Affairs of Japan, His Excellency (H.E.) Mr.

Taro Kono and accompanied by Ambassador of Japan to Malaysia, H.E. Dr. Makio Miyagawa.

The International Liaison Coordinator of MJIIT, Assoc. Prof. Dr. Norhayati Abdullah said that Mr. Kono met with the Dean of MJIIT, Prof. Dr. Ali Selamat to have some discussion about close cooperation between the two parties.

“Both of them have met and discussed close cooperation in Japanese-oriented education following the meeting between the Malaysian and Japanese Prime Ministers on 12 June 2018 in the capital of Japan, Tokyo.

“They briefly discussed the distinctive working culture and holistic Japanese-oriented engineering education approach in programme offerings at MJIIT which Prof. Ali has expressed heartiest gratitude to Japan International Cooperation Agency (JICA) for the assistance rendered in ensuring successful and sustainable growth of MJIIT since its establishment in 2010,” she said.

H.E. Kono was pleased to be informed



that MJIIT receives collegial support from 29 well-established Japanese Universities Consortium (JUC) as well as other international universities fostering greater cooperation in high-impact research and academic endeavors.

“It is the desire of MJIIT to produce knowledgeable human capital towards the advancement and development of state-of-the-art technology and processes while safeguarding the environment which was reflected in the Second Phase of the G-to-G project between both governments respectively,” she said.

In his presentation, Prof. Ali elaborated on the First Phase of the G-to-G project between the Governments of Malaysia and Japan, which was initiated for the period of 2010 until 2017 whilst the Second Phase of the Project will continue from 2018 until 2023.

The Second Phase Project aims to strengthen the Japanese-oriented Engineering Education and research at MJIIT through cooperation with Japanese Universities and industrial

partners.

In this regards, MJIIT hopes to develop human resources and capacity building that will in the future contribute to the industrial sector of neighboring ASEAN countries.

“In view of strengthening the cooperation in education between

both countries, HE Kono enquired on information related to graduates employability, percentage of graduates working in Japanese companies upon graduation and the level of Japanese language proficiency of the students.

“The courtesy call provided not only an avenue for HE Kono to meet MJIIT representatives but also an opportunity for both sides to share and exchange views on issues of common interest,” she said.

The courtesy call to MJIIT was concluded by H.E. Kono visiting the Microscopy Laboratory and Tribology and Precision Machining iKohza laboratory, which were established with the support by JICA and the Professors from Japanese universities.

The courtesy visit was also attended by YBhg. Prof. Dr. Shamsul Sahibuddin, Pro Vice Chancellor, UTM Kuala Lumpur and YBhg. Prof. Dr. Arham Abdullah, Director, Industrial Linkages Division, Department of Higher Education, Ministry of Education Malaysia. - [UTM Newshub](#)



## STRENGTHENING THE DISASTER RISK REDUCTION CAPACITY TO IMPROVE THE SAFETY & SECURITY OF COMMUNITIES BY UNDERSTANDING DISASTER RISKS (SeDAR)

On 28-29 June 2018, a series of events to launch the new project of MJIT's DRM program was conducted with International Research Institute of Disaster Science (IRIDeS) of Tohoku University, Selangor Disaster Management Unit (SDMU) and City of Sendai, Japan. The project, under the JICA Partnership Program (JPP), is funded by JICA and will be implemented over a period of four years.



In the afternoon, a courtesy call was made to MJIT in which the Deputy Deans, Assoc. Professor Dr. Shahrum Shah Abdullah and Professor Akio Makishima, received the delegation and explained about the background of MJIT and the disaster program.



On 28th, the delegates from Japan, headed by Professor Fumihiko Imamura, Director of IRIDeS and world-renowned tsunami scientist, made a courtesy visit to the Smart Selangor Command Centre (SSCC) in Shah Alam where Dr. Fahmi Ngah, Chief Executive Officer, Selangor Economic Advisor Deputy Program Director, Smart Selangor Delivery Unit, made a presentation on the Smart Selangor program.

After the visit, the delegates visited the operation center of the Storm water Management And Road Tunnel (SMART Tunnel).

As agreed by project partners, the SeDAR project office was established at the JASTIP Joint Lab at MJIT.

On 29th, Project Launch and Workshop of the SeDAR project was organized that gathered close to 100 participants consisting of federal and local government officials, community representatives, academicians, NGOs and media.

The event was officiated by Professor Imamura, H.E. Yang Berhormat Hee Loy Sian, Selangor Executive Committee member and Chairman of the Standing Committee for Environment, Green Technology and Public



Affairs and Mr. Kensuke Fukawa, Chief Representative of JICA Malaysia.

In addition to the outline of the project, explained by Assoc. Professor Takako Izumi of IRIDeS, DRR experiences and challenges were shared between disaster managers from Malaysia and Japan.

The workshop ended early evening with technical experts sharing their expectations and inputs to implement the activities of the project.

The project, "Strengthening the Disaster Risk Reduction Capacity to Improve the Safety and Security of Communities by Understanding Disaster Risks" or "SeDAR" for short, is aimed to link disaster-related scientific data and risk analysis with disaster management planning and actions on the field. It also provides local disaster managers and community leaders knowledge and skills to initiate science- and evidence-based measures that will enable first responders to take appropriate actions to prepare and respond in case of disaster events.

- [DPPC Website](#)



## VISIT FROM MINISTRY OF EDUCATION, CULTURE, SPORTS, SCIENCE AND TECHNOLOGY & MINISTRY OF FOREIGN AFFAIRS, JAPAN



MJIIT received delegation from Ministry of Education, Culture, Sports, Science and Technology (MEXT) & Ministry of Foreign Affairs (MoFA) led by Mr. Mitsuyuki Ueda, Director International Science and Technology Affairs Division, Science and Technology Promotion Bureau of

MEXT on 26th July 2018.

The visitors were welcomed by Assoc. Prof. Dr. Shahrum Shah b. Abdullah, Deputy Dean (Research & Innovation) accompanied by Prof. Dr. Akio Makishima, Deputy Dean (Liaison & Internationalization), Prof. Dr.

Masafumi Goto, Director of Disaster Preparedness & Prevention Centre (DPPC) together with the MJIIT Management Members, DPPC members and JICA Experts. The one hour discussion concluded with visit by delegation to DPPC laboratories. - *MJIIT Facebook*

## SAKURA EXCHANGE PROGRAM IN SCIENCE AT TCU 2018

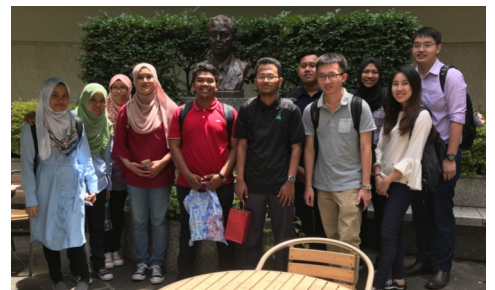
Sakura Exchange Program in Science between Tokyo City University (TCU) and Malaysia - Japan International Institute of Technology (MJIT) was organized from 22nd to 31st July 2018. A group of MJIT students consists 4 students from Chemical Process Engineering (CPE) Department, 3 from Mechanical Precision Engineering (MPE) Department, and 3 from Electronic Systems Engineering Department participated in the program.

Sakura Exchange Program in Science is a program for enhancing exchanges between Asia and Japan of the youths who will play a crucial role in the future field of science and technology through the close collaboration of industry-academia-government by facilitating short-term visits of competent Asian youths to Japan. This program aims at raising the interest of Asian youths toward the leading

Japanese science and technologies at Japanese universities, research institutions and private companies.

For the program between TCU and MJIT, the participants are expected to get the first experience of the research in a Japanese style laboratory which is the family-like organization composed of professors, graduate students and undergraduate students. They will experience a series of research activities from problem discovery to problem resolution by the problem based learning (PBL). This is in accordance with the theme of the program, "Development of the ability for engineering design including ability for the problem discovery".

The participants are required to find three research fields of interest by using TCU web pages limited to fields of Faculty of Engineering or Faculty of Knowledge Engineering. TCU assigned



the laboratory and tutor for each participant based on selecting research fields then. Before they went to Japan, the participants contacted their tutor via given email address.

At TCU, each participants experiences a series of research activities from problem decision to problem resolution under the lead of graduate school students and tutor at the assignment laboratory in homey environment. On final day of the program (30th July), they held the result presentation, the graduation ceremony and the farewell party with all members those who involved in the program.



## MJIIT - YAMAGUCHI UNIVERSITY ROBOTIC COMPETITION FOR SECONDARY SCHOOL



Kuala Lumpur, 18 & 19 August 2018 – Malaysia Japan International Institute of Technology (MJIIT) through Centre for Community and Industry Network (CCIN) in collaboration with Yamaguchi University have successfully organized a robotic competition for secondary school student under 18 years old. The competition was held at Language Laboratory 3 & 4, level 2, MJIIT.

The two days program was headed by Dr. Ahmad Muhsin Ithnin, Senior Lecturer from department of Mechanical Precision Engineering, MJIIT, Dr. Mohd Azizi Abdul Rahman, Senior Lecturer from department of Electronic System Engineering, MJIIT and Associate Professor Dr. Tsuyoshi Koga from Graduate School of Sciences and Technology for Innovation (Engineering), Yamaguchi University. There were 14 Yamaguchi undergraduate students helping and mentoring the school students throughout the event.

The program started with Robotic Workshop supervised by Associate Professor Dr. Tsuyoshi Koga. The contestants were formed groups which every group consist of two school students and two Yamaguchi students. Every groups need to build and program a sumo robot by using Lego Mind Storm. The students were exposed and experienced on programming and controlling the robot with two tires and the robots need to be well balanced before entering the competition ring. The aim of the workshop is not only to enhanced the technical knowledge on robotic, but also to gain new experienced in communicating and working with international students.



The Robotic Competition was started on the second day of the program and the format of the competition is set to be a 'sudden death' type. Group from St. John's Institution school, Ilhammencez Bin Mohd Rasyidi and Ryan Tam Chee Man were announced as the winner of the competition, successfully beaten up group from dari SMK Seri Gombak Haziq Aiman Bin Mohd Faizal and Muhammad Najmie Hakim Bin Tajudin in the final round. - [UTM Newshub](#)

### THE TEAM

#### Advisor:

Prof. Dr. Akio Makishima

#### Editors:

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Ms. Nobue Hayashi

Mr. Ryotaro Takano

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