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*“Information
theory began as a
bridge from
mathematics to
electrical
engineering and
from there to
computing.”*

James Gleick

MJIIT Newsletter



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

MJIIT

MALAYSIA - JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY

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The MJIIT Library

DISASTER PREPAREDNESS AND PREVENTION CENTER (DPPC): ROADSHOW TO THE NORTH

As one of the series of DPPC outreach activity, DPPC Director, Professor Masafumi Goto and team members, Dr. Khamarrul Azahari Razak, Master of Disaster Risk Management (MDRM) (hyperlink) course coordinator, Dr. Aznah Nor Anuar, Certified Professional Training (CPT) coordinator and Dr. Shohei Matsuura, DPPC JICA Expert, visited the state of Penang and Kedah from 13-15 March 2017. The team had a series of meeting with the strategic partners including Universiti Sains Malaysia (USM) Penang, Department of Irrigation and Drainage (DID) Penang, Civil Defense Department (APM) Penang, APM Kedah and Disaster Management Institute (DMI) of Universiti Utara Malaysia (UUM) Kedah.



The objectives of the roadshow were to provide public talk with various stakeholders on current disaster risk management (DRM) issues, particularly from Japan, share information on DPPC activities, promotion of MDRM and CPT and discussion on possible future collaboration in research and training.

At USM, the team was received by Professor Dr. Habibah Hj. Lateh, Prof. Dr. Ismail Abustan and other USM faculty team members. The discussions ranged from future collaborative research activities that targets disaster-prone communities in State of Penang to strengthening partnership, especially with state level DRM agencies.

At DID Penang, the team had a series of discussions with Director Ir. Sabri Bin Abdul Mulok and his assistant directors about issues and activities of the department that focused on flooding situation in the region. The team was informed that DID is keen to know more on how their technical work are contributing to the DRM efforts of the first responders in the communities. Briefing on the MDRM/CPT program also drew interest for training mid-career staffs in the department.



Various DRM stakeholders, including Penang Meteorological Office and State Office, participated in the meeting with the Civil Defense Department Penang. The region as a whole suffers from constant flooding and landslides and faces risk from tsunamis. Questions ranged from specifics on effective early warning system (EWS) and ways to raise public awareness for communities to take timely and appropriate actions.



The public talk at APM Kedah also attracted many stakeholders from the State Disaster Management and Relief Committee. Presentation on the Japanese case study from 2011 East Japan Earthquake & Tsunami aroused questions on how Malaysia DRM efforts compare with those in Japan and how the Firefighting Volunteer (Shobodan) system is helping communities to enhance their resilience to disasters.

The final program of the roadshow was the visit to Disaster Management Institute (DMI) of Universiti Utara Malaysia (UUM) Kedah. DMI being close to the field and having strength in the social science aspect of DRM could become a strong collaborator for DPPC for implementing on the ground research activities in the future.

DPPC would like to send its heartfelt thanks to all the partners who have warmly received the team and look forward to establishing a long-term relationship. - *DPPC website*



The MJIT Leadership Lecture Series provides a platform for representatives from both the government and industrial sectors to share their knowledge, experiences, and expertise. These lecture series aims to offer MJIT students better understanding of the social, cultural, global and environmental responsibilities of a professional engineer and to offer better insights into the need for a sustainable development and for managerial and entrepreneurial skills.

THE 19TH MJIT LEADERSHIP LECTURE SERIES

CLIMATE CHANGE AND PARIS AGREEMENT – THE TRUMP ADMINISTRATION –

H.E. PROF. MASAHIKO HORIE
UTM Distinguished Ambassador at MJIT

Leadership Lecture Series 19 was held on 2 March 2017 at Dewan Azman Hashim, Menara Razak, UTM Kuala Lumpur. The title was *Climate Change and Paris Agreement – The Trump Administration*. The lecture was delivered by His Excellency Prof. Masahiko HORIE.

Ambassador Horie talked about the challenges of Climate Change and efforts for GHG reduction. He touched on policies by the Trump Administration which started to undermine 'Obama's Legacy'.

Based on the Agreement at COP17 in Durban, the Paris Agreement was adopted at COP 21 in Paris in 2016. The Kyoto Protocol was the previous international agreement legally obliging only

developed countries to reduce their GHG emissions to the level multilaterally agreed starting 2008. The Paris Agreement is a new agreement applicable to all Parties, developed and developing, of UNFCCC. The year 2017 should have been a historic year for all Parties to start reducing GHG towards 2030.



His Excellency Prof. Masahiko HORIE is UTM Distinguished Ambassador at MJIT. He also a Professor at Meiji University and Ambassador for Global Environmental Affairs (Japan).

THE 20TH MJIT LEADERSHIP LECTURE SERIES

GREEN TECHNOLOGY IN MALAYSIA

Y. BHG. TAN SRI PETER CHIN FAH KUI
Group Chairman at Malaysian Green Technology Corporation
Former Minister of Energy, Green Technology and Water

Leadership Lecture Series 20 was held on 9 March 2017 at Dewan Azman Hashim, Menara Razak, UTM Kuala Lumpur. The title was *Green Technology in Malaysia*. The lecture was delivered by Y. Bhg. Tan Sri Peter Chin Fah Kui.



His lecture was about GreenTech Malaysia's role and progress in catalysing the nation's green technology sector and how Malaysians can be a part of the country's green agenda. Malaysian Green Technology Corporation (GreenTech Malaysia), an

agency under the purview of the Ministry of Energy, Green Technology and Water. The company is charged with promoting the development of the green technology sector to meet the country's COP 21 target of reducing 45% greenhouse gas emissions intensity by 2030.

Tan Sri Peter Chin is the Group Chairman of Malaysian Green Technology Corporation. He served as Special Advisor before appointed to current position. Previously, he was the Minister of Energy, Green Technology and Water from April 2009 – May 2013 and the Minister of Plantation Industries and Commodities from April 2004 – April 2009.

GFEST 2017



March 2017 - A group of Japan's talented, upcoming students visited MJIIT, UTM Kuala Lumpur recently to experience in the field of Biology, Chemistry, Physics and Earth Sciences. These students were divided and group into 4 laboratories i.e. Wind Engineering for (Urban, Artificial, Man-Made) Environment (WEE), Metabolic Engineering and Molecular Biology (MEMO-Bio), Embedded System (ES) and SHIZEN for some hands-on research equipments.

Comprising of 12 high school students from Japan's top high schools, plus two postgraduate students as leader from the University of Tsukuba, the visit is part of the Japanese Government's Global Future Expert in Science and Technology (GFEST) project. GFEST is an educational program which every year joined by brightest student which has started since year 2014. This program is part of the 'Global Science Campus' project funded by the Japan Science and Technology Agency (JST), and aimed at fostering the next generation of global leaders in science and technology.

Nevertheless, indirectly the aim of the overseas intensive training is for students to improve their English communication skills and general research skills through the conduct of basic experiment and research under the guidance of graduate students of collaborated laboratories (iKohza) in MJIIT. Secondly is to give exposure as well as experience and to broaden students perspective in learning. Apart from that, also present were GFEST Program Leader Prof. Shinobu Satoh, Prof. Aiyama Yasumichi and Program Coordinator Ms. Yoshimi Ojima .

In between the students also visited local attractions including Muzium Negara in Kuala Lumpur city centre and Kuala Selangor Natural Park in Selangor, Malaysia.

Head of EGT (Environmental Engineering & Green Technology) iKohza, Professor Zuriati Zakaria said, the visit to the outside university was a huge exposure and she hope that the relationship between the University and Japan remained strong and hoping that for them to come again or to come and study in Malaysia.

GFEST program is held two yearly, with alternate year visit from students at the University of Tasmania, Australia. - *Tuan Norazma*



OPEN HOUSE OF MICROSCOPY LABORATORY



Microscopy Laboratory of MJIT, UTM organized Open House of the laboratory on 20th April 2017 in conjunction with visit from Mr. Gonemon Kurihara, President of JEOL Ltd. and Prof. Dr. Syo Matsumura, Director of URC, Kyushu University. They were welcome by Prof. Dr. Akio Makishima, Deputy Dean (Liaison & Internationalization), Madam Nordinah binti Ismail, Laboratory Manager and Prof. Dr. Noriyuki Kuwano, Head of Microscopy Lab. A workshop on *Strategy for Nano Characterization Network* was held in the evening after the opening event. The delegation was brought for lab tour and also experienced the demonstration of the lab.



THE UNIVERSITY OF TECHNOLOGY MALAYSIA OPENS SATELLITE OFFICE AT MEIJI UNIVERSITY

On April 20, Meiji University and the University of Technology Malaysia UTM exchanged the agreement and held the opening ceremony of the opening of a UTM satellite office at the campus of Meiji University.

The signing ceremony was held in Kishimoto Tatsuo Memorial Hall on the 23rd floor of the Surugadai Campus. UTM president Zaini Ujan and Hiromi Naya, the president of Meiji University, exchanged the signatures of the agreement in the presence of Malaysian Prime Minister Najib Razak.



President Zaini and President Naya initiated the opening ceremony of the satellite office at the Academy Common of Surugadai Campus. The two presidents and officials from the two universities inspected the office together.

Meiji University opened the first satellite office at the UTM campus in December of 2007, and now UTM has returned the sentiment by opening a base office in Japan. Now that each university has a satellite office as a foothold, it is expected that academic exchanges between Malaysia and Japan will flourish. - www.meiji.ac.jp



THE JAPANESE AMBASSADOR CUP TENNIS TOURNAMENT 2017 SEASON 1



The MJIIT Japanese Ambassador's Cup Tennis Tournament was started in 2013 with the objective to increase friendship between MJIIT staff and to promote healthy lifestyle among them. This tournament has completed eight seasons with each time different tennis pairs won the crown so far. There will be two tournaments each year and the former Japanese Ambassador to Malaysia His Excellency Prof. Masahiko Horie was kindly sponsored the prizes.

The MJIIT Japanese Ambassador's Cup Tennis Tournament 2017 Season 1 has just finally ended on 9 th March 2017. The award handover ceremony has been attended by the Deputy Registrar of MJIIT and celebrated by many hardcore fans. The tournament witnesses' second domination of Dr. Wira with his new partner Mr. Hatta wins over many reputable and experience teams. Their strategies and mind blowing skills has booked their ticket to the podium.



The complete results for the MJIIT Japanese Ambassador's Cup Tennis Tournament 2017 Season 1 are as follows:

Champion	Dr. Wira Jazair bin Yahya	Mr. Mohd. Hatta bin Mohammed Ariff
2nd Place	Dr. Mohd Fitri Mohd Yakub	Dr. Shohei Matsuura
3rd Place	Mr. Furizan Adnan	Dr. Rahayu binti Tasnim / Mr. Ahmad Ezainuddin bin Badarudin
4th Place	Mr. Afif Hafiz bin Mohamad	Dr. Shuib Rambat
5th Place	Prof. Masahiko Horie / Zakki	Mr. Megat Farizul Auzan Zuhairi
6th Place	Mr. Miftah Faried / Mr. Amir Hilman	Mr. Norazmein Abdul Raman
7th Place	Mr. Mohd Sallehin bin Abdul Jalil	Mr. Kakeru Honjo
8th Place	Mr. Noraimi Shafie	Prof. Dr. Hiroshi Nakanishi

Congratulations to the winner and well done to all players.

MJIIT CAREER FAIR 2017



On 13th April 2017, MJIIT organized a career fair exclusively for third and fourth year students. The event was held at Jumuah Hall and Dewan Tan Sri Ainuddin Wahid, UTM Kuala Lumpur from 10 am to 5 pm.

The MJIIT Career Fair 2017 was officiated by Dean of MJIIT, Prof. Datin Dr. Rubiyah Yusof. The fair aims for exposure of students in job hunting. The fair was also opened to public. Beside walk-in interview, there were also career talk by a few companies such as Renesas Semiconductor (Malaysia) Sdn. Bhd., Leave A Nest Malaysia Sdn. Bhd., Rohm Wako Electronics



(M) Sdn. Bhd. and Thai Advantec Co., Ltd.

As for recruitment booth, 29 companies participated. 28 of them were Japanese companies whilst the



rest were local companies. They were Denso, JTEKT Automotive, Perodua Manufacturing, Renesas Semiconductor, Rohm-Wako Electronics, Sony EMCS, Sumimoto Electric Sintered Components, Konica Minolta Business Technologies, Nippon Electric Glass, Panasonic Appliances Air



Conditioning R&D (PAPARADMY), Daikin Electronic Devices, Bank of Tokyo-Mitsubishi UFJ, Ohta Precision, UEDA Plating, Nabel Asia, Leave A Nest, Thai Advantec, Iriichi, Asian NDK Crystal, Opusin, Kozato Kizai, JAC Recruitment, UMW Toyota Motor, Yamaha Electronics Manufacturing, NSK Micro Precision, and Dynamic Phuture Services.

MJIIT SPORTS DAY 2017

MJIIT Sports Day was held from 10th to 27th April 2017 at Kolej Siswajaya and UTM Kuala Lumpur campus. The event was organized by UTM and MJIIT in collaboration with Mechanical Precision Engineering Student Association (PREMECH), Electronic System Engineering Society (ELECSYS) and Chemical Process Engineering Association (CHEMPRO). Themed '1 Spirit, 1 Team, 1 Win', the event aimed to produce students who maintain a healthy lifestyle, cultivate the spirit of sportsmanship among students and foster good relations among the students and staff of MJIIT.

During the festival period, seven (7) different sports were contested, namely volleyball, netball, soccer, tennis, table tennis, badminton, basketball, Esports, tug of war and tele-match. On the final day of the sports day, tele-match and tug of war had their contest as well as the finals of football and volleyball followed by the closing ceremony and announcement of winners for each categories. Other than that, they were also having flag, mascot and ultras contests, exhibition and traditional game. –Editorial

MJIIT SPORT'S DAY									
GAMES	FOOTBALL	VOLLEYBALL	NETBALL	TABLE TENNIS	BADMINTON	ESPORTS	TELE-MATCH	TUG OF WAR	2017
COURSES									
SMJC	13	24	33	60	69	12	18	0	229
SMJM	48	24	33	48	63	21	19	24	280
SMJE	22	45	45	144	69	27	13	33	398
SRSI	0	6	-	12	3	-	0	-	21
STAFFS	4	9	24	51	15	-	9	-	112
1 SPIRIT, 1 TEAM, 1 WIN!									

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MAIN ACTIVITIES

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Overall winner: ELECSYS



CHEMPRO team



PREMECH team

AWARDS & RECOGNITION

CONGRATULATIONS

MUHAMMAD SYUKRI BIN NORHAMSHAH

Bachelor of
Mechanical Precision Engineering

AWARDED THE IEM GOLD MEDAL AWARDS

From the Malaysia- Japan Institute of Technology (MJIIT) Management Team, Staffs and Students

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