MJIIT TEMPORARY LIBRARY

The MJIIT Library has a collection of more than 100 volumes of books and audio/visual materials related to Japanese technology, management, language and culture. The majority of the library collection is donated to MJIIT by the Japanese Chamber of Trade & Industry, Malaysia (JACTIM).

From 8 January 2013, MJIIT started the circulation service of books utilizing the Discussion Room 1 on the 2nd floor. This was a temporary service until the resource room at the 1st Floor of MJIIT became available. This service is meant for MJIIT staff and students, and the maximum number of books for the loan is 2 for a period of 2 weeks.

On 26 February, all of the books were moved to the Level 1 Resource Room. Perpustakaan Sultanah Zanariah (PSZ) has taken over the management of the library. For the time being, the library is closed until further notice for renovation and improvement.

1 MALAYSIA BOOK VOUCHER (BB1M)

The 1 Malaysia Book Voucher or Baucar Buku 1 Malaysia (BB1M) is an initiative by the Ministry of Higher Education (MOHE) in 2012 to ease the financial burden for tertiary students in Malaysia, as well as enabling better access to books and stationery to help them with their studies.

Eligible students for the 1 Malaysia Book Voucher must meet the following criteria:
1) Malaysian Citizen,
2) Be SPM leavers currently pursuing a higher education program in Matriculation / Form 6 / Polytechnic / Diploma / Postgraduate Diploma / Degree / Master / PhD.
3) Vouchers are eligible for all full time and part time students.
4) Be currently enrolled in institutions under the supervision of the Ministry of Higher Education or recognized by the Malaysian Qualifications Agency.

On the 26th and 27th February 2013, MJIIT administrative staff distributed the vouchers to 78 postgraduate and 200 undergraduate students. The vouchers can be used to buy academic books, journals and educational magazines at any bookstore participating in the 1Malaysia book voucher scheme. The vouchers can not be transferred to others, exchanged for cash or sold to a third party. The validity of the vouchers is from 1st January until 31st May 2013.
NEW STAFF

For the months of January and February 2013, there are 2 academic staff who commenced duty at MJIIT. There are:

1) Prof. Dr. Ezzat Chan bin Abdullah (EGT)
2) Dr. Aung Lwin Moe (MPE)

A message from
Prof. Dr. Ezzat Chan bin Abdullah
Professor (EGT)

I am very happy to return to my alma mater after a period of 25 years. It was indeed very nostalgic to step into UTM again after such a long time. By joining MJIIT, I hope I could work together with everyone here to build up the research work and also contributing in teaching and learning for undergraduate and postgraduate programs.

A message from
Dr. Aung Lwin Moe
Senior Lecturer (MPE)

I arrived at the Kuala Lumpur in the afternoon of 13 February from Myanmar. This is not my first time to Malaysia. This time MJIIT becomes more colorful and vibrant than last year. All of the members welcome me with smile, respect and also with warm heart. I am feeling about that this environment is almost the same with the Nagaoka University of Technology where I studied doctoral course. I have learnt from the various facts that Malaysia is truly Asia. Hence, MJIIT will be the new rising sun between Asian communities for the wealth of technology and economy in near future.
A public lecture on the Managing Tropical and Temperate Peatlands for Carbon was held on 14 February 2013 at Jumaah Hall, UTM Kuala Lumpur. The speaker was Dr. Simon Drew, an environmental scientist from Glasgow University (Scotland) with an interest in the carbon cycle. More recently he has been working on the Carbon Landscapes and Drainage program (CLAD) at Glasgow University. This project created a knowledge exchange hub for stakeholders with an interest in peat research and management. As part of this work he began validating sensor instrumentation which can be used to measure dissolved organic carbon in streams and rivers. This is a major advance in the field which will offer new insights into the way peatlands function.

The content of the lecture explained that land-use change is occurring at an increasingly rapid pace all over the world as human populations expand, creating new demands and pressures. Peatlands are not immune from these changes. Aside from the ecological impacts of peatland exploitation there is increasing awareness of their importance as carbon sequestration centers and stores. This talk outlined the reasons peatland management needs to be considered more seriously on national and international stages. It also outlined some of the interactions between policy and management of peatlands, and our scientific understanding of them before offering some ideas about how this could be improved.
Educational Innovation of Motorsports & Automotive (EIMA) is an inter-institutional program that is open to International and Public Higher Education Institute, Private Higher Education Institute, Colleges, Polytechnics and Technical Institutions to highlight education through motorsports. It is a platform for students to apply the theory they learn and improve their skills, in the automotive sector in particular. The concept of the EIMA race is similar to the Formula SAE which is a student design competition organized by SAE International (SAE, previously known as the Society of Automotive Engineers).

On the 23rd January 2013, Mr. Kazuki Inoue, a member of the Technical staff at Kyushu Institute of Technology, who also serves as a formula advisor for EIMA, visited MJIIT to exchange ideas and opinions in this Japanese student formula collaboration.

MJIIT received the donation of RM10,000 from Honda-Malaysia and 8 motor cycles from Boon Siew Honda for EIMA Race. This donation was conducted by negotiation between Mr. Yoichiro Ueno, Managing Director & Chief Executive Officer, Honda Malaysia Sdn. Bhd and Professor Dr. Masataka Shirakashi, MJIIT.

**MEETING WITH OSAKA UNIVERSITY, ACCENTURE AND KANSAI CONSTRUCTION SURVEY**

A series of meetings between a team from Osaka University, Accenture and Kansai Construction Survey and MJIIT were held in the month of December 2012 until February 2013 under the feasibility study entrusted from Ministry of Foreign Affairs, Japan, in the area of asset management by utilizing crack inspection system called KUMONOS.

During the meetings held on 20 December 2012, 14 January 2013 and on 20 February 2013, topics discussed included the possible opportunities for research and education collaboration between Graduate School of Engineering, Osaka University and MJIIT as well as the details of the project design such as implementing structure, method and resource necessary for collaboration between MJIIT and Osaka University, Accenture and Kansai Construction Survey.

Participants to the meetings included representatives from Faculty of Civil Engineering, UTM, UTM Razak School and UPM besides MJIIT.

**GREEN ASIA PROGRAM BY KYUSHU UNIVERSITY**

On 25 and 26 February 2013, delegates from Kyushu University headed by Prof. Dr. Jun Tanimoto, Program-Vice Coordinator, visited MJIIT to discuss collaboration with between MJIIT and Kyushu University through Advanced Graduate Program in Global Strategy for Green Asia.

“Green Asia” is a phenomenal idea to ensure the coexistence of economic expansion and “greenification” (saving resources and environmental conservation). It is also an icon of understanding and cooperation among individuals who care about our environment and willing to contribute with extended knowledge in science. With the mission of “Green Asia”, Kyushu University has built this unique program. The purpose of the Green Asia program is to incubate leaders who can take on the challenges of balancing greening and economic development in the Asia region.

Kyushu University and the Dean and Deputy Deans of MJIIT exchanged opinions on future collaboration through Green Asia program including mobility of staff and students as well as on the entrance exam for the program. Also, presentation session was held by the representatives of Kyushu University towards all MJIIT students and staff to share information about the program.
VISIT BY UNIVERSITY OF TSUKUBA

University of Tsukuba is the core institution of Tsukuba Science City and an excellent environment for study and research which is one of Japan's leading comprehensive universities.

With University of Tsukuba as the 25th University joining Japanese University Consortium (JUC) for MJIIT, UTM, represented by Prof. Dato' Seri Ir. Dr. Zaini Ujang, Vice-Chancellor, and University of Tsukuba, represented by Prof. Dr. Yoshihiro Shiraiwa, Chancellor of the Faculty of Life and Environmental Sciences, exchanged a Memorandum of Understanding to foster and strengthen relationship to enhance cooperation on education and research.

Besides that, there was a meeting with the Department of Environmental and Green Technology, MJIIT, to discuss research collaboration between MJIIT and University of Tsukuba.

COURTESY VISIT BY JAPAN STUDENT SERVICES ORGANIZATION (JASSO)

On 27 February 2013, Mr. Hideki Yonekawa, Vice President and Mr. Yamamoto Go from the Japanese Student Services Organization (JASSO) visited MJIIT. The purpose of the visit was to understand how MJIIT is contributing to the academic world, exchange ideas and to promote international student exchange.

COURTESY VISIT BY JAPANESE CHAMBER OF TRADE AND INDUSTRY MALAYSIA (JACTIM)

Mr. Masato Nakamura, President of JACTIM, visited MJIIT on 11 January 2013. After an introduction on the objectives and progress of MJIIT by the Dean of MJIIT, Prof. Ir. Megat Johari bin Megat Mohd Noor, JACTIM and MJIIT shared the view on the importance of MJIIT as a base of human resource development for Malaysia and the ASEAN region. Further collaboration between MJIIT and Japanese industries in Malaysia is encouraged based on continuous support by JACTIM.

MJIIT ADVISORY PANEL MEETING

The 2nd MJIIT Advisory Panel Meeting was held on 31st January 2013 at Jumaah Hall, Universiti Teknologi Malaysia, Kuala Lumpur Campus. The Advisory Panel meets twice a year to discuss the progress of MJIIT.

The members of the panel includes the Management Team of MJIIT, Y. Bhg. Datuk Mohamed Nazim bin Tun Abdul Razak, representing the Board of Director of UTM, H.E Mr. Shigeru Nakamura, Ambassador of Japan to Malaysia, representative from universities, industries and the Japan International Cooperation Agency (JICA). The objective of this meeting is to assist MJIIT in determining the program to achieve its desired goals.
Southeast Asian Technical University Consortium (SEATUC) organized its 7th International Symposium from the 4th until 6th March 2013 at Institute Teknologi Bandung, Indonesia. The symposium provided an opportunity for prominent researchers, engineers and practitioners who serve as faculty members of SEATUC member universities to present the latest research in the following 11 fields.

- OS01: Energy, Environment and Earth System Science
- OS02: Information and Communication Technology
- OS03: Architecture, Urban Planning and Design
- OS04: Bioscience, Biological and Engineering Science
- OS05: Robotics and Mechanical Engineering
- OS06: Materials Science and Engineering
- OS07: Basic Science
- OS08: Transportation Engineering
- OS09: Applied Mathematics and Informatics
- OS10: Electrical Engineering
- OS11: Electronics and Communications

Malaysia Japan International Institute of Technology (MJIIT) UTM Kuala Lumpur took part in this symposium as Universiti Teknologi Malaysia is one of the consortium member universities. The paper was written by Dr. Rory Padfield with the title of ‘A New Concept for Engineering Education in the ASEAN: Reflections of A Uniquely Malaysian and Japanese Educational Experiment’. The paper was presented by Dr. Mahyudin bin Abdul Rachman.

**AWARD**

Congratulations to Prof. Dr. Kanao Fukuda for

2012 Paper Award of Tribology Online, Japanese Society of Tribologists


Award ceremony and lecture: 20-22 May, Japanese Society of Tribologists Conference 2013 May, Tokyo

No more than 2 papers are to be selected for this award each year from papers published in last 3 years on 'Tribology Online' which is an electronic online journal issued by Japanese Society of Tribologists.
As well as being an associate professor at MJIIT I am also an honorary research fellow in the Materials Department of Imperial College London and spent the 3 week break between semesters there. The group I work with at Imperial is headed by Professor Neil Alford, who last year led the team that developed a room temperature MASER, which was listed in the 10 most important Physics breakthroughs of 2012 by Physics World (Just below the discovery of the Higgs boson). My collaboration with them is in the area of plasmonics for fluorescent enhancement and solar energy. This work is led by Dr Fang Xie and we spent much of the three weeks writing an invited review paper for the Royal Society of Chemistry, to be published in August, as well as developing ideas for future collaboration.

As some of you will know I worked at Imperial before joining MJIIT. Since my expenses were paid by the UK research council I was able to stay in a hotel very close to Imperial College. It was quite a novelty since, like most people working at Imperial, I could not afford to live in central London and my daily commute used to be 90 minutes each way. Another advantage of staying so close to the college, as you can see from the picture, was that I didn’t have to travel far through the snow!

Fang, Neil and I are planning to apply for a Leverhulme Trust International Networks Research Grant to continue our collaboration, which we hope will also include the National Institute of Materials Science (NIMS) in Tsukuba. If you’re looking to do a PhD the Materials Department at Imperial would welcome research students from Malaysia. If in my area of interest joint supervision is possible and you don’t have to be a materials science graduate, as the research is multidisciplinary. Possible areas of research include terahertz technology, graphene, fluorescent enhancement for biosensors and materials for energy.

A/P Dr Anthony Centeno