



SEPTEMBER &
OCTOBER
2012
VOLUME 1



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



MJIIT
MALAYSIA-JAPAN INTERNATIONAL INSTITUTE OF TECHNOLOGY

Leading in Cutting Edge Technology, Education and Research

Malaysia-Japan International Institute of Technology (MJIIT), UNIVERSITI TEKNOLOGI MALAYSIA KUALA LUMPUR
Jalan Semarak, 54100 Kuala Lumpur, Malaysia Tel: 603 2203 1200 Fax: 603 2203 1266 Email: mjiit@ic.utm.my

CONTENTS:

- Student Affairs
- New Staff
- Main Activities
- iKOHZA
- Upcoming Events

Inside this issue:

Student's Enrollment	1
MJIIT Briefing and Course Registration	1
Award Giving Ceremony & Advisor-Advisee Discussion	1
Commencement of New Lecturers	2
Public Lecture: Building a Strong Malaysian Brand	3
Public Lecture : Low-Carbon City	3
Public Lecture : Bio-Inspired Robotic	3
EIMARACE 2012	4
MJIIT Eidul Fitri Celebration & Farewell for Prof. Kinoshita	4
Official Visit to E-JUST	5
iKOHZA: Tribology and Precision Machining	5
MJS 2012	6

Student Enrollment - BATCH 2, 2012

On 2nd Sept 2012, we welcomed 113 new undergraduate students to MJIIT for the 2nd intake which included 110 local and 3 international students. Student registration was conducted at Dewan Besar, UTM Kuala Lumpur. Also, 10 students have entered the 2nd year from the Diploma course at UTM.

As of 20th September 2012 we had 92 postgraduates comprising of 68 Malaysian and 24 International students from Bangladesh (3), Yemen (1), Iran (11), Iraq (2), Brundi (2), Eritrea (1), Saudi Arabia (1), India (2) and Indonesia (1).

UNDERGRADUATE	1st Year	2nd Year	Total
Bachelor of Electronic Systems Engineering	56	44	100
(International)	(2)	(1)	(3)
Bachelor of Mechanical Precision Engineering	57	36	93
(International)	(1)	-	(1)
Total	113	80	193
(International)	(3)	(1)	(4)

POSTGRADUATE	Total	ref.)No. of students as of Aug 2012
Master of Philosophy	39	21
(International)	(2)	(1)
Doctor of Philosophy	53	33
(International)	(22)	(20)
Total	92	54
(International)	(24)	(21)

MJIIT Briefing and Course Registration for New Undergraduate Students:

Bachelor of Electronic Systems Engineering (ESE) & Bachelor of Mechanical Precision Engineering (MPE)

A briefing session for new undergraduate ESE & MPE students was held on 3rd September 2012 at Jumaah Hall, UTM Kuala Lumpur. Speeches were given by Prof. Megat Johari (Dean of MJIIT), Prof. Kinoshita (DD Liaison & Internationalisation), Dr. Sabariah (DD Academic) and short briefings by the Head of Departments, Dr. Aminuddin (MPE) and Dr. Shahrum (ESE).

Course registration was conducted on the 5th September 2012. A lot of work was done by the secretariat for the course registration to make sure that the student information given was accurate, to avoid difficulties in the future.

Award Giving Ceremony & Advisor-Advisee Discussion

On 4th October 2012, an award giving Ceremony was held at Jumaah Hall, UTM Kuala Lumpur. The audience comprised of 194 MJIIT students from batch 1 and 2. The event was conducted for the purpose of giving awards, which included the **Dean List Award, Head of Department Award and Best Achievement Award** for ESE and MPE students.

Five students from Bachelor of Electronic Systems Engineering and four students from Bachelor of Mechanical Precision Engineering were awarded the Dean List Award. For the Head of Department Award there were 21 students from Bachelor of Electronic Systems Engineering and 8 from Bachelor of Mechanical Precision Engineering. Best Achievement awards were presented to **Ms. NOOR SHAZWANI BINTI OSMAN** from Bachelor of Electronic Systems Engineering and **Mr. AHMAD ZAKI BIN JAAFAR** from Bachelor of Mechanical Precision Engineering. After the ceremony, there was a meeting between the Academic Advisors and students.

NEW STAFF

Commencement of New Staff

There are 7 new academic staff who begin their new journey with MJIT, 3 Japanese and 4 Malaysian. They are:

1. Prof. Dr. Fuminori Kobayashi(ESE)
2. Prof. Dr. Noriyuki Kuwano (MPE)
3. Prof. Dr. Masataka Shirakashi (MPE)
4. Prof. Dr. Nooh Abu Bakar (MOT)
5. Assoc. Prof. Dr. Ahmad Rahman bin Songip (MOT)
6. Dr. Muhammad Norhisham bin Abdul Rani, Senior Lecturer (MPE)
7. Dr. Fawzi Mohamed A. Elfagaih, Senior Lecturer (EGT)

A message from Prof. Dr. Noriyuki KUWANO, KYUSHU University

I arrived at KL with my wife on Sept. 2, 2012. Now we live near Ampang Park. As I have a trouble of backache (that is not so serious), I commute by taxi which costs about 10 MR a day, which is more serious.

The field of my research is "micro-characterization and structure control of functional materials". I will be charged with having a class of "Materials Science". I am now making an effort to install electron microscopes to MJIT. I need your cooperation!



A message from Prof. Dr. Fuminori KOBAYASHI KYUSHU Institute of Technology

It has been my long dream to work in this area sometime, and I am now very happy to be here. My father worked in Malaysia, in particular in Sabah, in the 60's, and I remember well his souvenir, such as coconut cakes and wood crafts. Such experiences in my childhood may have pushed me this time.

I am from Kyutech, Kyushu Inst. of Tech., which is now planning to open a satellite campus near KL. I will do my best here also by collaborating with Kyutech people there.

A message from Prof. Dr. Masataka SHIRAKASHI, NAGAOKA University of Technology

I came here at the beginning of September this year from Nagaoka, Japan, where we have heavy snow every winter. Now, I have adjusted myself to the life here, getting up at 5:30 every morning awakened by the azan. Since I have nothing to worry about concerning everyday life, I would like to ask you all colleagues to help me in contributing to the development of MJIT.



MAIN ACTIVITIES



MJIIT LEADERSHIP LECTURE SERIES : Building a Strong Malaysian Brand - The Japanese Experience

MJIIT Leadership Lecture Series provides a platform for representatives from government and industry to share their knowledge and experience.

Japan's amazing post war restoration process was supported by the country's historical background of unique culture and human resource development through education. The spirit of craftsmanship was also a strong base for Japan to build her strong country brand.

A public lecture was held on 13th September 2012 at Dewan Besar, UTM Kuala Lumpur with the title of "Building a Strong Malaysian Brand—The Japanese Experience". The lecture was given by *His Excellency Prof. Masahiko HORIE*. The lecture was on the supportive environment of the Japanese Nation Brand as well as the challenges under the current globalised world. Ambassador Horie encouraged all MJIIT students to build a Strong Malaysian Brand in the world.

PUBLIC LECTURE : LOW-CARBON CITY by Prof. Dr. (Eng) Daisuke SUMIYOSHI, KYUSHU University

A public lecture was held on the 20th September 2012 by Prof. Dr. (Eng) Daisuke SUMIYOSHI. The lecture was focused on carbon-intensive lifestyles and the challenges we face as a society and how to create a city with a healthy environment with a series of low carbon visions and target.

Akashi Laboratory, under the supervisions of Prof. Dr. Yasunori Akashi and Assistant Prof. Dr. (Eng) Daisuke SUMIYOSHI, both affiliated with Kyushu University, is actively running five current research groups/topics which are



- 1) Future scenario for reduction of urban CO2 emission ;
- 2) New methods and process in developing cities for reduction of building environmental loads ;
- 3) Base-line estimation of building energy consumption and development of the database ;
- 4) Commissioning of building air-conditioning system and development of the tools ;
- 5) Renewable energy system for houses .



PUBLIC LECTURE: BIO-INSPIRED ROBOTICS by Prof. Dr. Kenji INOUE, YAMAGATA University

A public lecture on Bio-Inspired Robotics was held on 18 September 2012 at Main Meeting Room, Level 3, MJIIT Building by Prof. Dr. Kenji INOUE, Vice Dean of Faculty of Engineering at Yamagata University, Japan.

The lecture was all about making robots or robotic systems inspired by biological systems. Accordingly biological systems can be good models of robots. Many kind of robots that imitate biological systems have been developed such as humanoid robots, four-legged robots, six-legged robots and snake robots.



Educational Innovation of Motorsports & Automotive Race



Educational Innovation of Motorsports & Automotive Race (EIMARace) is an inter-institutional program that is open to International and Public Higher Education Institutes, Private Higher Education Institutes, Colleges, Polytechnics and Technical Institutions that 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 program for 2012 was held between the 12th and 16th September. More than 50 groups participated in this event which started with a presentation session at the Dewan Besar, UTM Kuala Lumpur. The race included Acceleration Race and Maneuver Race on the 15th September. The final race took place on 16th September 2012 at Litar Pulau Dato' Sagor, Kampung Gajah, Pasir Salak, Perak.

Participating in this challenge the students created a prototype race car. The challenge inspired the students to learn about the physics, aerodynamics, design, manufacturing, branding, graphics, sponsorship, marketing, leadership, team work, media skills and the financial strategy associated with building and competing in a competitive and exciting motorsport event.

MJIIT EIDUL FITRI Celebration & FAREWELL for Prof. Kinoshita

A celebration of MJIIT Eidul Fitri 2012 was pleasantly held on Monday 10th September 2012 at 5th Floor, MJIIT Building. All academic and non academic staff participated in this event. All Malaysian, as well as some international staff, were wearing their traditional attire such as baju kurung and baju melayu. There were variety of food served such as nasi himpit, rendang, kuah kacang, spaghetti and so on.

Besides that, a farewell for Prof Kinoshita was held on the same day. Prof Kinoshita as a Deputy Dean (L & I) completed his assignment as JICA Expert and professor at MJIIT on 29th September 2012. Prof Kinoshita was given an opportunity to say a few words and he was very glad to be going back to his home country, but at the same time he felt very sad to leave Malaysia, especially MJIIT. He wished MJIIT the best of success in the future.





OFFICIAL VISIT to EGYPT-JAPAN UNIVERSITY OF SCIENCE AND TECHNOLOGY, EGYPT

A delegation from MJIT visited E-JUST (Egypt-Japan University of Science and Technology) on 14th October 2012 to share the common understanding and experience of both institutes with the setting of Japanese style engineering education and research.

Following welcoming remarks by the President of E-JUST and an explanation on the progress of E-JUST, Professor Ahmed B. Khairy and Prof. Ir. Megat Johari Megat Mohd Noor, Dean of MJIT, delivered presentations on behalf of MJIT. Both parties discussed the future collaboration between the 2 institutions including staff and students mobility. It is expected that collaboration of both institutions will contribute to expansion of networks among researchers as gateways to Asia, Middle East and Africa through hub of Japanese excellence located in Kuala Lumpur and Alexandria.

Introduction of iKOHZA—Tribology and Precision Machining



Prof. Dr. Kanao FUKUDA,
Head of iKOHZA,
Tribology and Precision Machining
Malaysia-Japan International Institute of Technology (MJIT)

"Malaysia-Japan Tribology Meeting" which was authorized as a part of Look East 30th Anniversary Project was held on 27th and 28th Aug. 2012 at MJIT UTM Kuala Lumpur. The meeting was hosted by "Tribology and Precision Machining" i-Kohza in MJIT headed by Prof. Fukuda with the co-operation of Prof. Sasaki from Tokyo University of Science, Prof. Sawae from Kyushu University and Dr. Iwai from Kanazawa University and the support of Japanese Society of Tribologists (JAST) and Malaysia Tribology Society (MYTRIBOS).

The meeting was opened with a welcome speech by Prof. Ir. Megat Johari and opening remarks by His Excellency Masahiko Horie and successfully completed with 2 keynote speeches and 24 technical presentations.

The number of attendees was 62 from Malaysia (41), Japan (19), Thailand (1) and India (1) and 9 industrial organizations supported the meeting. The meeting contributed to enhancing communication between researchers from Japan and Malaysia and future collaboration work in tribology field triggered by the meeting is expected.



Malaysia-Japan Tribology Meeting, 27-28 Aug. 2012, MJIT UTM, Kuala Lumpur

UPCOMING EVENT



MJIIT- JUC JOINT SYMPOSIUM (MJJS 2012)

Date : 21-23 November 2012

Venue: JUMAAH HALL (Opening Ceremony, Keynote Sessions), MJIT (Parallel Sessions), UTM KUALA LUMPUR

MJIIT-JUC JOINT SYMPOSIUM 2012, or MJJS2012, is organized jointly by Malaysia-Japan International Institute of Technology (MJIT) and Japanese University Consortium (JUC). This is a 3-day symposium and Opening ceremony will be held in the morning of 21 Nov 2012, followed by keynote speeches and presentations by speakers. The Opening Ceremony of MJJS 2012 will be held in conjunction with Presentation of JACTIM Foundation Fellowship.