

IEICE MALAYSIA SECTION



REPRESENTATIVE

PROF. DR. HENG SWEE HUAY

Vice President (R&D), Multimedia University, Malaysia

DEPUTY REPRESENTATIVE

DR. A.S.M. MUKTER-UZ-ZAMAN

Senior Lecturer, Fac. of Eng., Multimedia University, Malaysia

Summary: This is a brief report regarding the activities that IEICE MALAYSIA Section conducted in 2015. It contains a highlight on the IEICE Sponsored Lecture 2015 which was held on 14th December 2015 at Multimedia University (Cyberjaya Campus), Malaysia. It also summarizes the general research interest of IEICE Malaysian members. It is worthy to mention that there are significant number of IEICE members in several academic and non-academic organization in Malaysia. 2015 can be considered as the first time when Malaysia IEICE members got an opportunity to gather in a single platform.

Current Research Focus

Optical Wireless Technology
Information Security
Intelligent Autonomous Control
Artificial Transportation Systems
Biology Information Systems
Renewable Energy Research

Specific Interest on the Societies

Nonlinear Theory, Applications
Information and Systems Society
Human Communication Group
Engineering Sciences Society
Electronics Society

Visit to the Fuel Cell Institute UKM

Accompanied by Prof. Heng, Dr. Mukter,, and Assoc. Prof. Lee, Prof. Iwasawa visited the Fuel Cell Institute UKM after the lecture session. The visit was welcomed by Prof. Dr. Abu Bakar Mohamed, the Director of Fuel Cell Institute UKM, and Prof. Ir. Dr. Hj. Wan Ramli Wan Daud, the Founder and Ex-Director of Fuel Cell Institute UKM.



Prof. Iwasawa had the opportunity to visit several laboratories and he was impressed with the research works carried out there.

IEICE Malaysia Sponsored Lecture 2015

▪ Held on 14th December 2015, at the CCU Seminar Room, Chancellery building, Multimedia University (MMU), Cyberjaya Campus)

▪ Lecture Title:

Development of Advanced Fuel Cells Toward the Future Green Society Studied by X-Ray Absorption Fine Structure (XAFS) and Related Techniques

▪ Lecturer: Prof. Yasuhiro Iwasawa, Director of Innovation Research Center for Fuel Cells, University of Electro-Communications (UEC)

▪ About 40 participants including IEICE Malaysia members, researchers from Fuel Cell Institute of National Univ. Malaysia (UKM), researchers from MIMOS Berhad, professors, lecturers and students from MMU.



▪ Prof. Swee-Huay Heng, the Representative of IEICE Malaysia Section and Vice President (R&D) of MMU, delivered the opening speech and presented a token of appreciation to Prof. Yasuhiro Iwasawa

Plan for 2016 and Key Milestones

- Organize annual general meeting of IEICE Malaysia Section, meeting, team building, membership recruitment and renewal drive.
- Organize academic talk on *Information Security* in conjunction with other societies in Malaysia.
- Conduct Workshop and Conference in conjunction with MESCORP.
- Development and launching of IEICE Malaysia Section website.



Organization and Role Assignment

Representative: Swee-Huay Heng shheng@mmu.edu.my

Deputy Rep: A.s.m Mukter-uz-zaman, mukter@mmu.edu.my

Strategy to Expand IEICE Membership

- Circulation of IEICE Malaysian Section formation to researchers.
- Collaboration with MESCORP and other Engineering societies.
- Promoting the benefits of IEICE membership.
- Formation of a researcher database for IEICE Malaysian members.

IEICE Malaysia Section Office's address:

Faculty of Engineering, Multimedia University, 63100 Cyberjaya, Selangor, Malaysia (Attention: Dr. Mukter)

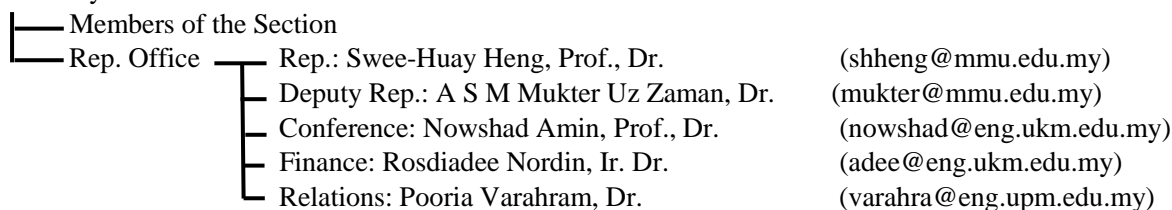
Annual Activity Report of IEICE Malaysia Section

Date of Report : 17 March 2016

Reporter : Swee-Huay Heng, Professor, Dr., Vice President (R&D),
Multimedia University (MMU), Malaysia

1. Organization

Assembly of the Section



2. Strategy of the Section

- Circulation of IEICE Malaysian Section formation information to researchers
- Collaboration with MESCORP (MMU Eng. Society Overseas Research Program) and other Eng. societies
- Advertisement of the benefits of IEICE membership
- Conducting membership recruitment drive periodically
- Designing an official website and researcher database for information sharing and exchange

3. Action Plan of the Section Stated in 2015 All Sections Meeting

- Launching of IEICE Malaysia Section, initial meetings, general meeting, team building, networking session
- Organizing academic talk in conjunction with other societies in Malaysia by inviting distinguished Professors from Japan, Prof. Dr. Yasuhiro Iwasawa from University of Electro-Communications (UEC)
- Conducting IEICE Workshop/Conference in Malaysia

4. Results of Activities during the 2015 Fiscal Year (April 2015 ~ March 2016)

4.1 Conference/Symposium/Workshop

- An initial plan is setup to organize the first IEICE conference/workshop in 2017

4.2 IEICE Sponsored Lecture

- Delivered by Prof. Yasuhiro Iwasawa on 14 December 2015 in MMU, entitled “*Development of Advanced Fuel Cells Toward the Future Green Society Studied by X-Ray Absorption Fine Structure (XAFS) and Related Techniques*”
- About 40 participants including IEICE Malaysia members, researchers from Fuel Cell Institute of National Univ. Malaysia (UKM), researchers from MIMOS Berhad, professors, lecturers and students from MMU

4.3 The other events in collaboration with IEICE Hqs or Domestic Sections

- Visit to Fuel Cell Institute (UKM) and exploring possible collaboration
- Preliminary discussion with the Electrical Engineering Technical Division, the Institution of Engineers Malaysia (IEM) for potential sealing of MoU and joint activities/events

4.4 Improvement of the Section

- IEICE Malaysia Section website is created, to be uploaded in dedicated domain
- A few committee meetings were held in MMU

5. Review and Future Plan

(1) Items in 2015 Fiscal Year Plan which could not be achieved, and expected solution

- Plan: Organising annual general meeting and networking session involves all IEICE Malaysia members
- Expected solution: The meeting and networking session will be called by June 2016

(2) Activity Plan in 2016 Fiscal Year

- Organizing annual general meeting, meeting, membership recruitment and renewal drive
- Organizing academic talk on *Information Security* in conjunction with other event in Malaysia
- Conducting joint Workshop/Conference with MESCORP and IEM in Malaysia
- Development and launching of IEICE Malaysia Section website

6. Constructive Opinion / Requests / Proposal

- Provide guidelines or standard operating procedures (SOP) on organising IEICE workshop/conference with indexed conference proceedings
- Enhance collaboration opportunity between local sections and international sections such as joint events, researcher exchange/attachment, student exchange, etc.