

MyINOVASI2016 : Ministry Puts Students' Innovations in Focus



Photo: Majlis Kemuncak Nasional with Datuk Dr. Mary Yap Kain Ching, Deputy Minister of Higher Education

PUTRAJAYA, 2 December 2016 - More than 700 innovative ideas were produced by students from local higher learning institutions for this year's national competition on innovation. MyINOVASI2016 is a flagship competition focusing on creative idea exploration and production organised by the Department of Higher Learning, Ministry of Higher Education (MOHE).

Earlier in the competition, juries from various fields of innovation gathered at the ISI's Autodesk Training Centre in UTM Kuala Lumpur campus to judge entries sent by students from public and private institutions. Participants had to qualify at zone levels before being shortlisted to participate at the national level. Ten of the best ideas were selected to join bootcamps in Putrajaya. With their rough ideas polished and out, the participants compete in the National Culmination Finals.

After a rigorous selection process, the juries voted 'Mesin Memotong Getah Automatik (MeMGA) from Universiti Kuala Lumpur Malaysian Spanish Institute (UniKL-MSI) as the national champions in the competition in which they won RM50,000. The awards were presented by Datuk Dr. Mary Yap Kain Ching, Deputy Minister of Higher Education, in a ceremony at Dewan Za'ba, Ministry of Higher Education, Putrajaya.

This competition of innovation is a programme hosted by MOHE to foster innovative and creative culture, which indirectly would benefit our Malaysian society. This competition is open to full-time higher education students in Malaysia: universities, university colleges, polytechnics and community colleges under the auspices of MOHE or recognised by the Malaysian Qualifications Agency (MQA) in Malaysia.

It is specially created for the new generation of Malaysians who is capable in producing spectacularly creative and innovative ideas for the community. Appropriating innovative ideas may be driven by these sub-themes: healthy lifestyle, agro practices, learning society, wealth creation, habitat and dwelling, and communal relation - that could bring brighter hope to the community is encouraged. Creative ideas are not just limited to on paper discussion, but you are being given the opportunity to contribute your innovation to the community.

The competition was opened to all full-time undergraduate students at Certificate, Diploma, Degree and Advanced Diploma who are registered with any institution of higher learning under the auspices of the Ministry of Higher Education; Public Universities, Private Higher Educational Institutions, Polytechnic and Community College.

ISI and JAKIM to Continue Research Collaboration on the Malaysian Syariah Index 2017



Putrajaya, 29 November 2016 - In an effort to continue with collaborative research on the Malaysian Syariah Index, the Department of Islamic Development Malaysia (JAKIM) signed a Memorandum of Agreement (MoA) with Universiti Teknologi Malaysia (UTM) and five other public universities to undertake research on the Malaysian Syariah Index 2017.

After the success of the first phase of the research, ISI has been appointed to undertake Phase 2 of the research, *Indeks Syariah Malaysia - Prasarana & Persekitaran*. Six public universities were appointed to undertake the study. The five other universities are Universiti Kebangsaan Malaysia, Universiti Utara Malaysia, International Islamic University Malaysia, Universiti Sains Islam Malaysia and Universiti Teknologi MARA.

Questionnaire used in phase 1 is being strengthened and soon data collection will commence in February 2017 to kick start the research.

Prior to the event, the introductory workshop organized by JAKIM was held from 1st to 2nd September 2016 at the Grand Blue Wave Hotel, Shah Alam.



Photo: With the Honourable Dato' Seri Jamil Khir

About ISI

Institut Sultan Iskandar is an independent non-profit making research and development, serving the Government, private sector and the university. Gazetted as an approved institution, ISI operates within the UTM campuses in Johor Bahru and Kuala Lumpur.

Phase 2 for Tanjung Pelepas Eco Park (TPEP)



Pasir Gudang, 29 November 2016 - After the success of the first phase of the project, ISI received an invitation from Johor Port Authority and Port of Tanjung Pelepas to engage in the next phase of the project.

Terms of Reference is currently being prepared that include involvement as consultant in physical development of the park, related research and training.

The International Conference on Science, Engineering, Management & Social Sciences, ICSEMSS 2016



Skudai, 8 October 2016 - The international conference was a collaboration between ISI and International Student Centre, Universiti Teknologi Malaysia (ISC UTM) to facilitate a platform for postgraduate student to networking with ISI.

Focusing on the theme "Multi-disciplinary Research towards Global Challenges", the conference managed to draw together various professionals, industry, educators, academia, and government executives to share and disseminate recent research findings, strategies, experiences, best practices, and sustainable solutions towards addressing global challenges in the 21st century.

The conference received and reviewed a total of 500 abstract, and featured paper presentations, posters, and webinars showcasing dynamic solutions and innovations in Engineering, Technology, Entrepreneurship, Built Environment, Natural Sciences, Social Sciences, Education, and Management Sciences.

'Female Faces And Malaysia Sustainable Cities' Exhibition



Kuala Lumpur, 11 October 2016 – The 'Female Faces & Malaysia Sustainable Cities Exhibition' held at Creative Space, National Visual Arts Gallery, Kuala Lumpur from 8th October to 13th November 2016 presents the outcome from MIT-UTM Malaysia Sustainable Cities Program (MSCP). It is a high impact joint collaboration effort between Universiti Teknologi Malaysia and Massachusetts Institute of Technology, USA.

The exhibition presents a variety of physical, auditory and immersive 'artifacts' interviews and video documentary on broad aspects of sustainability in Malaysian cities. It compiles huge total of 75 works of field photography, 21 video interviews and 19 video research documentary under one roof, as well as exciting program line up throughout the exhibition.

The exhibition was held in the Wolk Gallery, Massachusetts Institute of Technology USA on April 30 – July 31, 2015. Named as 'Female Faces in Sustainable Places', it was dedicated to Malaysian women in Malaysia who play key roles in defining and implementing sustainable development at the highest levels of government, in the private sector and at the community level. The exhibition in USA was to celebrate the "unsung heroines" from many backgrounds bringing sustainability to life, often through social entrepreneurship of various kinds.

The exhibition at the National Visual Arts Gallery, Kuala Lumpur, officiated by Prof. Dr. Raha Abdul Rahim, representative of Secretary-General, Ministry of Higher Education, today, is a reciprocal arrangement by UTM that further includes the history of the programs and research agendas from the 27 MSCP international scholars.

Malaysia Sustainable Cities Program (MSCP) under the direction of Professor Dr. Mohd Hamdan Ahmad (ISI-UTM) and Professor Dr. Lawrence Susskind (MIT), with support from the Malaysian Ministry of Higher Education (MOHE), critically assesses sustainable development efforts in five Malaysia major cities: Kuala Lumpur, Johor Bahru, Putrajaya, George Town, and Kuching. Research Agenda that covers areas of climate change, energy and low carbon development; ecosystem conservation, water supply and infrastructure; flooding and disaster preparedness; housing, displacement and community engagement; tourism; traffic and transportation; and urban design, green building and protecting cultural assets, are aimed to making Malaysia as an exemplary approach to sustainable development for nation in sustainable development for other developing countries to emulate.



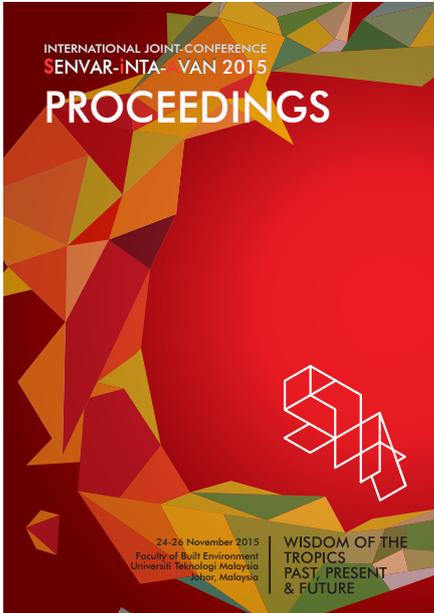
Word of the month

Supererogatory

Definitions:

1. going beyond the requirements of duty.
2. greater than that required or needed; superfluous.

ISI PUBLICATIONS



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Sensor Deployment for Research Project on Hydrodynamic Simulation Within Port Limit of Port of Tanjung Pelepas and Establishment of Johor Port Authority (Tanjung Pelepas) Marine Data Centre



Pasir Gudang, 9 November 2016 - The much anticipated oceanographic sensor has been deployed near Port Tanjung Pelepas (PTP) and mark the 6-months supervisory period.

The research, which aims to develop a simulation model of water hydrodynamic conditions at PTP including its impact on the environment, is financed by Johor Port.

MIT-UTM Malaysia Sustainable Cities Program (MSCP) 2016-2017 Scholars



Johor Bahru, 1 September 2016 - ISI welcomes the third batch of scholars for the program where they will be based in ISI for 5 months. They come from countries around the world to do research at MIT and UTM. During their time at both institutions they are responsible for producing an academic paper for a new eJournal focused on sustainable cities. They will also work with advanced graduate students to produce online materials highlighting and explaining their field work, to increase the global knowledge base on their particular research subject.

From top left: Dr. Anizan Isahak, Associate Professor in the UKM School of Environmental Science and Natural Resource Management; Dr. Kasturi Devi Kanniah, Associate Professor in Geoinformation Science at UTM; Dr. Rasha Sayed, Assistant Professor of Architecture at the October University for Modern Sciences and Arts in Cairo; Dr. Felix Olorunfemi, Senior Research Fellow at the Nigerian Institute of Social and Economic Research in the Dept. of Social and Governance Policy Research; Dr. Gulsan Parvin, Researcher at Kyoto University, in the Environmental Education Lab of the Department of Urban Planning and Engineering; Dr. Minal Pathak, Assistant Professor with the planning faculty of CEPT University in Ahmedabad; Dr. Alpano Priyandes, Lecturer at the Universitas Riau Kepulauan; and Dr. Sok Serey, Senior Lecturer at the Royal University of Phnom Penh.