

Persidangan Antarabangsa
Pengajian Siswazah



17 – 18 Disember 2014
Dewan Besar
Universiti Teknikal Malaysia Melaka
(UTeM), Melaka

Editor:
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Penerbit Universiti
Universiti Teknikal Malaysia Melaka

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**Message From
Secretary General II
Ministry of Education (MOE)
Y.Bhg. Dato' Seri Ir. Dr. Zaini bin Ujang**

I would like to extend a warm welcome to all speakers and participants to the 6th International Conference on Postgraduate Education. My sincere appreciation to the organizers, for inviting me to pen a few words in conjunction with this event. The Ministry of Education is pleased to recognize this conference as a forum for the management and administration of higher education institutions to discuss and exchange ideas to enhance the university's ability to provide optimal infrastructure for graduate studies.

I am confident that the 6th International Conference on Postgraduate Educations will be a resounding success and shall significantly contribute towards increasing number of highly educated students which is in line with Government targets to produce 60,000 PhD holders among the people of Malaysia by the year 2023.

Thank you.

About MyDEGS

Majlis Dekan Pengajian Siswazah (Council of Deans of Graduate Studies), (MDPS) formerly known as Postgraduate Studies Management Meeting was founded in 1998 by a group of Graduate School / Centre Deans of Public Higher Education Institutions (IPTA). The idea to have this meeting was mooted by UKM. The purpose of MDPS is to serve as a forum for School / Centre of Graduate Studies of IPTA to share best practices, exchange ideas, experiences and networking among its members for mutual benefits. The first meeting was held on 15 April 1998 and attended by six universities namely UKM, UM, UTM, UPM, UUM, and UMS.

During the early years of MDPS, the chairman was elected among the members of MDPS on a rotational basis and normally the Dean who hosted the meeting, while UKM has been appointed as permanent Secretariat. The first chairman was Prof. Dr. Abdul Samad Hadi from UKM. In 2004, University of Malaya has been appointed as MDPS Chairman for two years and by virtue of the chairmanship for two years and by virtue of the chairmanship the Secretariat was also handed to University of Malaya. Currently MDPS is chaired by Assoc. Prof. Dr. Siti Halijah binti Shariff from UiTM.

Since its inception in 1998, MDPS has expanded steadily and at present has 22 members. The members are UPM, UM, UKM, USM, UTM, UUM, UNIMAS, UMS, UiTM, UIAM, UPSI, UTeM, UMP, USIM, UTHM, UNIMAP, UMT, UPNM, UMK, UTP, UNITEN, and UDM. MDPS usually convenes three meetings a year and members will take turn to host the meetings. To date MDPS has convened 19 meetings. One of the uniqueness of MDPS meeting that all members are encouraged to get at least one of their administrative officers who is in charge in graduate studies to accompany them in the meetings. This has allowed better network and follow-up actions. In its 14th meeting, MDPS passed a Term of Reference (TOR) for MDPS which outlined its scopes and activities. Under the said TOR for MDPS's scope and functions have been expanded to include its roles as a referral body to the Ministry of Higher Education (MOHE) with regards to the development and expansion of graduate studies, and proposing policies on graduate studies to the appropriate parties.

MDPS has contributed significantly towards the advancement of graduate studies in the country. It has submitted a strategic plan which has been used as an input for MOHE in formulating its strategic Plan 2010 pertaining to graduate studies. MDPS has also organized a bi-annual international conference in postgraduate education, published a hand book on supervision of postgraduate students, and made recommendation on policy of graduate studies to MOHE and has good rapport with MOHE. For example, MDPS representatives have been invited by MOHE on several occasions to give input and views to upgrade postgraduate education in Malaysia and turn this country into a hub for postgraduate education in this region.



MESSAGE FROM

Chairman Malaysian Deans of Graduate Studies Council

Associate Prof. Dr. Siti Halijah Binti Shariff

Transforming the Frontiers Towards Sustainable Postgraduate Education

Assalamualaikumwarahmatullah and Selamat Sejahtera

In this auspicious opportunity, I would like to extend my sincere greeting and a warmest welcome to all dignitaries and delegates of the 6th International Conference on Postgraduate Education (ICPE-6 2014).

Transforming the Frontiers Towards Sustainable Postgraduate Education, the conference's theme, aptly summarises the direction and vision of the Malaysia Deans of Graduate Studies (MyDEGS) Council. As the strong history of MyDEGS has shown, it is a continuous aspiration of MyDEGS to propel forward the future of postgraduate education in Malaysia towards greater height.

Postgraduate education is one of the backbones for the national critical agenda on Human Capital Development Through the Pelan Strategik Pendidikan Tinggi Negara (PSPTN) 2007-2020. Therefore, MyDEGS is fully committed to be the main precursor for success, especially in realizing the objectives set for the PSPTN Phase 2: Improvement and Empowerment. Both the ambition and vision of these national agenda and strategic plan are already made apparent by MyDEGS, since the inception of ICPE-1 until this year ICPE-6.

It is of great importance to the stakeholders of postgraduate education that ICPE-6 to strategically inaugurate the challenging phase of preparing our postgraduate institutions to be resilient and competitive for the future. Not only in the provision of world-class academic programmes but also in creating a sustainable postgraduate education, which will be beneficial to both students and academic institutions. I am also hoping that upon recognition of the dominant frontiers of education, MyDEGS can play crucial roles in transforming and revolutionise the postgraduate education in Malaysia.

As a closing, I would like to take this opportunity to sincerely thank and congratulate Universiti Tun Hussein Onn Malaysia (UTHM) and Universiti Teknikal Malaysia Melaka (UTeM) for organizing this importance conference; my deepest appreciation to the Ministry of Education for their strong support, especially through SLAB/SLAI and MyBrain15 programmes. Finally, thank you to all participants, delegates and individuals that are involved in making IPCE-6 a success.

Thank you.



Dean
Centre for Graduate Studies
Universiti Teknikal Malaysia Melaka (UTeM)



Dean
Centre for Graduate Studies
Universiti Tun Hussein Onn Malaysia (UTHM)

**Message From
Chairman Committee The 6th International Conference on Postgraduate
Education (ICPE-6)**

As the host and organizer of this year's ICPE, we would like to extend our warmest welcome to all speakers, delegates and participants to the historical city of Melaka, a UNESCO World Heritage Site. This is the 6th installation of ICPE since its inauguration exactly a decade ago at Universiti Malay, followed by ICPE-2 hosted by UniMAS (2006), USM (2008), UKM (2010) and UTM-UTHM (2012). We are most honoured to be entrusted with the organization of ICPE-6 here in UTeM, a joint effort between UTeM and UTHM, once again.

ICPE is no conventional academic conference, as it is wholly funded by the Ministry of Education Malaysia (KPM) and overseen by the Malaysian Deans of Graduate Studies Council (MDPS), as a specific platform of intellectual discourse among postgraduate students, academicians, policy makers and relevant stakeholders from today's ever changing postgraduate education scene. The conference traditionally adopts a poster presentation approach with attractive prizes awarded according to the fields of study. Participation of on-course students (supported by SLAB/SLAI and/or MyBRAIN15) is entirely free of charge, in line with the Ministry's aim of connecting students pursuing postgraduate studies in all disciplines of study, whether at public or private institutions of higher learning.

This year's event is assigned the theme of "Transforming The Frontiers Towards Sustainable Postgraduate Education", drawing attention to the urgent need for parallel growth of the academia and industry in an intertwined symbiotic relationship. Issues and challenges deriving from every aspect of postgraduate education cannot be resolved by any single entity alone without the support and collaboration of other key players. Discourse and exchange of ideas are crucial to enable universities to better equip themselves to fulfill the needs of current and future students. Therefore forums and dialogues are included in this year's ICPE to engage all present in a 2-way

conversation to chart the strategic course, for Malaysia in particular, in maintaining a strong foothold in the regional and international postgraduate education arena.

Finally, we wish you a good time at ICPE-6: with refreshing insights gained, new friends made and old ties rekindled, we also hope that you would extend your stay to enjoy beautiful, quaint Melaka and sample our myriad but unique local cuisines, culture and community. It is after all the holiday season, and all work but no play makes Jack a dull boy!

Thank you.



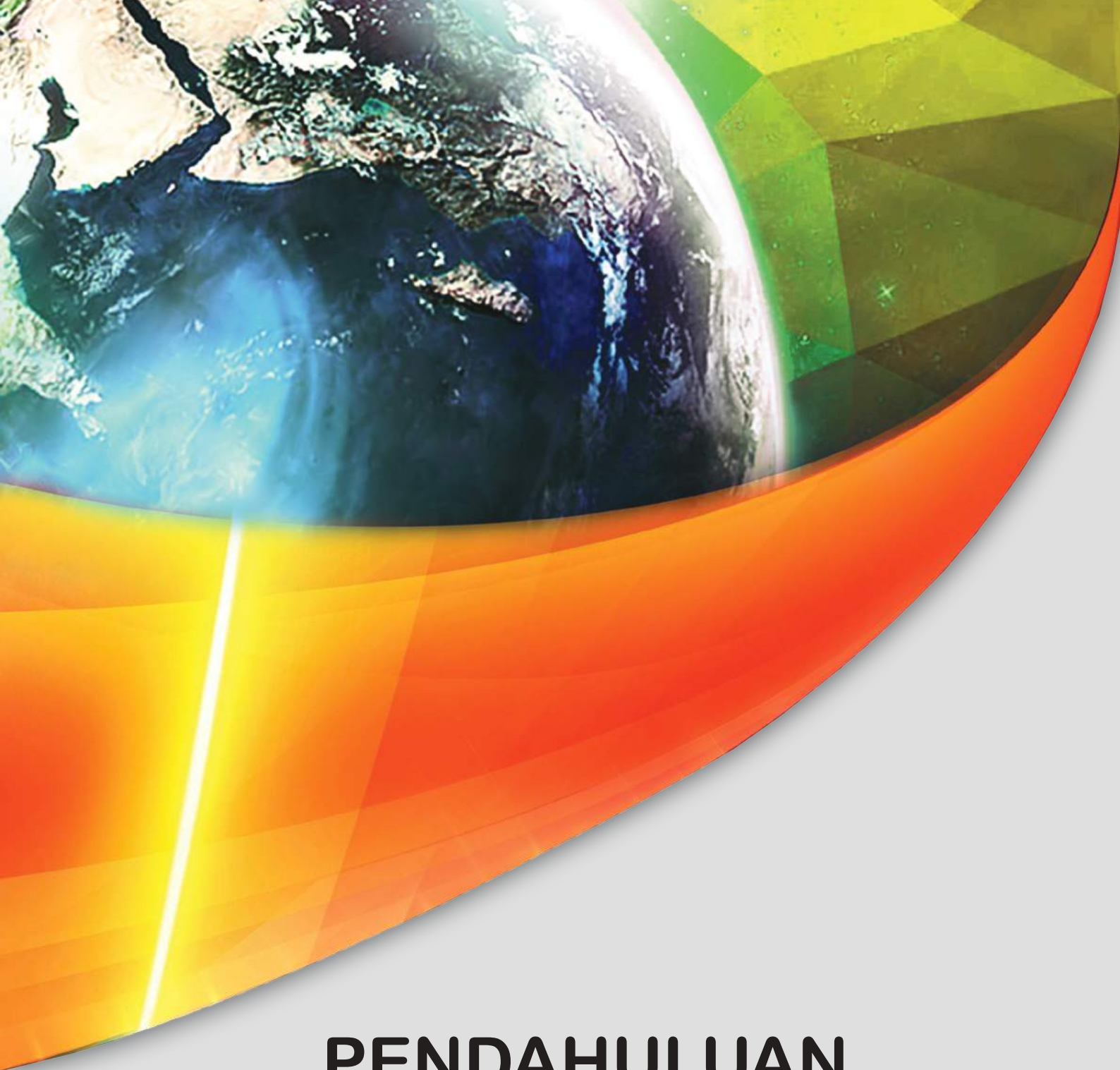
Prof. Dr. Mohd Razali Bin Muhamad
Dean
Centre for Postgraduate Studies
Universiti Teknikal Malaysia Melaka (UTeM)



Prof. Dr. Ahmad Shakri Bin Mat Seman
Dean
Centre for Postgraduate Studies
Universiti Tun Hussein Onn Malaysia (UTHM)

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PENDAHULUAN

1.0 Pendahuluan

Siri persidangan antarabangsa ini dianjurkan oleh Majlis Dekan Pengajian Siswazah Institut Pengajian Tinggi Awam (IPTA) Malaysia dengan dianjurkan oleh IPTA yang dipilih serta dengan kerjasama Kementerian Pendidikan Malaysia (KPM).

Persidangan pertama dijayakan oleh Universiti Malaya pada tahun 2004 dengan tema '*Governance of Postgraduate Education in the 21st Century*'. Persidangan kedua telah dihoskan oleh Universiti Malaysia Sarawak pada 2006 dengan tema '*Effective Management for Quality Postgraduate*'.

Manakala pada tahun 2008 Persidangan *The 3rd International Conference on Postgraduate Education* (ICPE-3) pula bertemakan '*Postgraduate Research: Multidisciplinary Perspective*' yang dianjurkan oleh Institut Pengajian Siswazah, Universiti Sains Malaysia (USM) pada 16-17 Disember 2008.

Persidangan *The 4th International Conference on Postgraduate Education* (ICPE-4) pula telah dijayakan oleh UKM-Graduate School of Business (UKM-GSM), Universiti Kebangsaan Malaysia dengan temanya bertajuk "*Globalisation and Liberalisation of Postgraduate Education*" pada 26-28 November 2010 bertempat di Cititel Mid Valley, Mid Valley City, Kuala Lumpur.

Manakala pada tahun 2012 persidangan *The 5th International Conference on Postgraduate Education* (ICPE-5) pula bertemakan "*Current Trends in Postgraduate Education*" yang dianjurkan oleh Universiti Teknologi Malaysia (UTM) dan Pusat Pengajian Siswazah (PPS), Universiti Tun Hussein Onn Malaysia (UTHM) pada 18-19 Disember 2012.

1.1 Tajuk dan Tema Persidangan

Tajuk persidangan: *The 6th International Conference on Postgraduate Education*.

Tema persidangan: "***Transforming the Frontiers towards Sustainable Postgraduate Education***"

Singkatan dan sebutan ringkas nama persidangan ialah **ICPE – 6**

1.2 Objektif Persidangan

Antara objektif persidangan ini ialah:-

- i. Untuk memberi ruang kepada semua yang terlibat dalam pengajian tinggi/siswazah berhimpun dan bertukar-tukar pengalaman dan kepakaran.
- ii. Untuk mengadakan suasana ilmunan yang dapat memberikan peluang yang baik untuk pentadbir IPTA/IPTS, para akademik dan pelajar menilai isu-isu dan cabaran-cabaran yang dihadapi bersama.
- iii. Sebagai forum bagi pengurusan/pentadbir IPTA/IPTS berbincang dan bertukar fikiran untuk meningkatkan keupayaan universiti dalam menyediakan prasarana yang optima untuk pengajian siswazah.
- iv. Sebagai pelantar untuk para pelajar siswazah berhimpun membina rangkaian ilmunan melalui perbincangan dan sumbang saran.
- v. Menyediakan platform perhimpunan bagi pelajar siswazah dari IPTA/IPTS meliputi pelajar tempatan dan pelajar luar Negara yang menuntut di IPTA tempatan.
- vi. Persidangan ini berfungsi sebagai pentas bagi penyelidik dari IPTA/IPTS Malaysia, sama ada pelajar atau pensyarah berkongsi hasil dapatan penyelidikan mereka pada peringkat antarabangsa;
- vii. Hasil dapatan dan maklumbalas daripada persidangan ini boleh membantu IPTA/IPTS dan Kementerian Pendidikan Malaysia dalam menambahbaik dasar sedia ada dan juga sebagai input dalam menyediakan perancangan dan pembangunan lestari pengajian siswazah ke arah menjadikan Malaysia sebagai hub kecemerlangan pendidikan tinggi.

1.3 Jawatankuasa

Penaung: Tan Sri Dato' Haji Muhyiddin Bin Yassin
Y.B. Menteri Pendidikan Malaysia

Penasihat: Profesor Datuk Dr. Shahrin Bin Sahib
Naib Canselor
Universiti Teknikal Malaysia Melaka (UTeM) &
Universiti Tun Hussein Onn Malaysia (UTHM)

Jawatankuasa Induk UTeM Bersama UTHM

- i. Bidang Tanggungjawab (tidak berhad kepada senarai di bawah):-
- (a) Menetapkan perkara dasar berkaitan persidangan;
 - (b) Menentukan halatuju persidangan;
 - (c) Menentukan hal-hal berkaitan kewangan meliputi pendapatan dan perbelanjaan;
 - (d) Promosi persidangan;
 - (e) Menetapkan tempat, tarikh dan program persidangan

ii. Keahlian

Pengerusi 1 : Prof. Dr. Mohd Razali Bin Muhamad (UTeM)
Pengerusi 2 : Prof. Dr. Ahmad Shakri Mat Seman (UTHM)
Timb. Pengerusi 1 : Dr. Shajahan Bin Maidin (TD PPS UTeM)
Timb. Pengerusi 2 : Prof. Madya Dr. Chan Chee Ming (TD A&P UTHM)
Setiausaha 1 : En. Mohd Adznan Bin Mohd Nayan – PP, PPS, UTeM
Setiausaha 2 : En. Mohd Sani Bin Mohd Sha'ari – PPK, PPS, UTHM
Bendahari 1 : En. Khairul Bin Taib - Bendahari UTeM
Bendahari 2 : En. Misro Bin Jerut - Bendahari UTHM

Ahli :

- Prof. Madya Dr Mohd Rizal Bin Salleh, Dekan Fakulti Kejuruteraan Pembuatan, UTeM
- Engr. Profesor Dr. Marizan Bin Sulaiman, Dekan Fakulti Kejuruteraan Elektrik, UTeM
- Engr. Dr. Noreffendy Bin Tamaldin, Dekan Fakulti Kejuruteraan Mekanikal, UTeM

- Prof. Madya Dr Mohd Khanapi Bin Abd Ghani, Dekan Fakulti Teknologi Maklumat dan Komunikasi, UTeM
- Prof. Madya Dr Abdul Rani Bin Othman, Dekan Fakulti Kejuruteraan Elektrik dan Kejuruteraan Komputer, UTeM
- Prof. Madya Dr Md.Nor Hayati Bin Tahir, Dekan Fakulti Pengurusan Teknologi dan Keusahawanan, UTeM
- Dr. Mariana Binti Yusoff, Dekan Pusat Bahasa Dan Pembangunan Insan, UTeM
- Prof. Madya Dr. Abd Halid Bin Abdullah, Dekan Fakulti Kejuruteraan Awam & Alam Sekitar, UTHM
- Profesor Ir. Dr. Zainal Abidin Bin Ahmad, Dekan Fakulti Kejuruteraan Elektrik & Elektronik, UTHM
- Prof. Madya Dr Yusri Bin Yusof, Dekan Fakulti Kejuruteraan Mekanikal & Pembuatan, UTHM
- Prof. Madya Dr. Sr. David Martin @ Daud Juanil, Dekan Fakulti Pengurusan Teknologi dan Perniagaan, UTHM
- Prof. Madya Dr. Razali Bin Hassan, Dekan Fakulti Pendidikan Teknikal dan Vokasional, UTHM
- Prof. Madya Dr. Nazri Bin Mohd Nawawi, Dekan Fakulti Sains Komputer Dan Teknologi Maklumat, UTHM
- Dr. Mohamad Zaky Bin Noh, Menjalankan Tugas Dekan Fakulti Sains, Teknologi dan Pembangunan Insan, UTHM
- Prof. Madya Dr. Sh. Salleh Bin Sh. Ahmad, Dekan Pusat Pembangunan Akademik, UTHM
- En. Affindi Bin Abu Bakar, Pengarah Keselamatan – UTeM
- En. Yusoff Bin Romli, Ketua Keselamatan – UTHM
- LAr. Abdul Wahab Bin Harun, Pengarah Pembangunan – UTeM
- Pn. Suprihartati Murni Lestari Binti Sutekno (Bahagian Pembangunan) – UTHM
- En. Mohd Rosli Bin Harun (Bahagian Pengurusan Fasiliti) – UTHM
- Fazidah Binti Ithnin, Pejabat Perancangan Dan Komunikasi Korporat– UTeM
- En. Shafry Bin Salim, Pegawai Perhubungan Awam – UTHM
- En. Zainal Bin Bidin, Pengarah Khidmat Pengurusan – UTeM
- Pn. Ruziah Binti Ali , Penerbit UTeM
- Prof. Madya Dr. Rozilah Binti Kasim, Penerbit UTHM

Jawatankuasa Kerja dan Teknikal

i) Keahlian

Memandangkan UTeM dan UTHM sebagai tuan rumah persidangan, Jawatankuasa Teknikal terdiri daripada kalangan staf Pusat Pengajian Siswazah (PPS), UTeM dan juga Pusat Pengajian Siswazah (PPS), UTHM.

Pengerusi 1 : Dr. Shajahan Bin Maidin (TD PPS UTeM)

Pengerusi 2 : Prof. Madya Dr. Chan Chee Ming (TD A&P PPS UTHM)

Timbalan Pengerusi: Prof. Madya Dr. Ahmad Jais Alimin (TD HEP PPS UTHM)

Setiausaha 1 : En. Mohd Adznan Bin Mohd Nayan (PP PPS, UTeM)

Setiausaha 2 : En. Mohd Sani Bin Mohd Sha'ari (PPK PPS, UTHM)

Bendahari 1 : En. Mohd Azrin Bin Ismail, PPS, UTeM

Bendahari 2 : En. Lutfi Bin Jaes, PPS, UTHM

ii) Jawatankuasa Kecil

Jawatankuasa kecil terdiri daripada beberapa unit dari kalangan staf UTeM dan juga UTHM adalah seperti jadual di bawah.

Unit Portal & Program

Ketua : Prof. Madya Dr. Mustaffa Bin Hj. Ibrahim (UTHM)

Ahli : Dr. Mohd Farhan Bin Mohd. Fudzee
Prof. Madya Dr. Rozilah Binti Kassim
Dr. Badaruddin Bin Ibrahim
Mohd Arshad Bin Seeron
Rohana Binti Dollah
Zuraidah Binti Bachok
Nurhafiza Binti Hamzah
Nor Nadhia Binti Nor Azman

Unit Program dan Protokol

Ketua : Prof. Madya Dr Burhanuddin Bin Mohd Aboobaider (UTeM)

Ahli : Dr. Abdul Rahman Bin Dullah
Tarisa Makina Kintakaningrum
Fahmi Bin Arif
Noorayisahbe Binti Mohd Yaacob
Rose Lew Ai Fen
Suharni Binti Rahmat
Mustafa Bin Musa

Unit Poster

Ketua : Prof. Madya Dr. Adnan Bin Zainorabidin (UTHM)

Ahli : Dr. Mohd. Lizam Bin Mohd. Diah
Prof. Madya Dr. Mohammad Faiz Liew Bin Abdullah
Prof. Madya Dr. Mohd Kamarulzaki Bin Mustafa
Haslina Binti Abd. Rashid
Mohd Nazri Bin Ibrahim
Fathullah Bin Bachok
Susila Binti Suhadak
Noraishah Binti Ali
Mohd. jazlan Bin Mad Said
Siti Hajar Binti Mansor
Norshazwani Afiqah Binti Rosmera

Unit Sesi Forum

Ketua : Prof. Madya Dr. Ahmad Jais Bin Alimin (UTHM)

Ahli : Prof. Dr. Khalid Bin Hasnan
Dr. Saifulnizam Bin Jamian
Norlaili Binti Ismail
Shafei Bin Samsir
Lutfi Bin Jaes

Unit Sessi Dialog

Ketua : Prof. Madya Hj. Amran Bin Mohd. Zaid (UTHM)

Ahli : Prof. Madya Dr. Maizlinda Izwana Binti Idris
Dr. Tan Lai Wai
Aizan Halmie Binti Mohamed
Haidir bin Maidin
Rahimi Bin Ad Rahim

Unit Teknikal, logistik dan keselamatan

Ketua : Dr. Azmi Bin Awang Md Isa (UTeM)

Ahli : Prof. Madya Ir. Dr. Rosli Bin Omar
Dr. Mohd Sa'ari Bin Mohamad Isa
Adib Bin Othman
Sani Irwan Bin Md Salim
Mohd khairy Bin Ismail
Aini Noor Liana Binti Azmi

Unit Jamuan

Ketua : Prof. Madya Eng. Dr. Hambali Bin Arep@Ariff (UTeM)

Ahli : Norazah Binti Mohamed Yazid
Jamalindah Binti Wahid
Mohd Safuan Bin Bidin
Siti Fairus Binti Abu Bakar

Unit Promosi

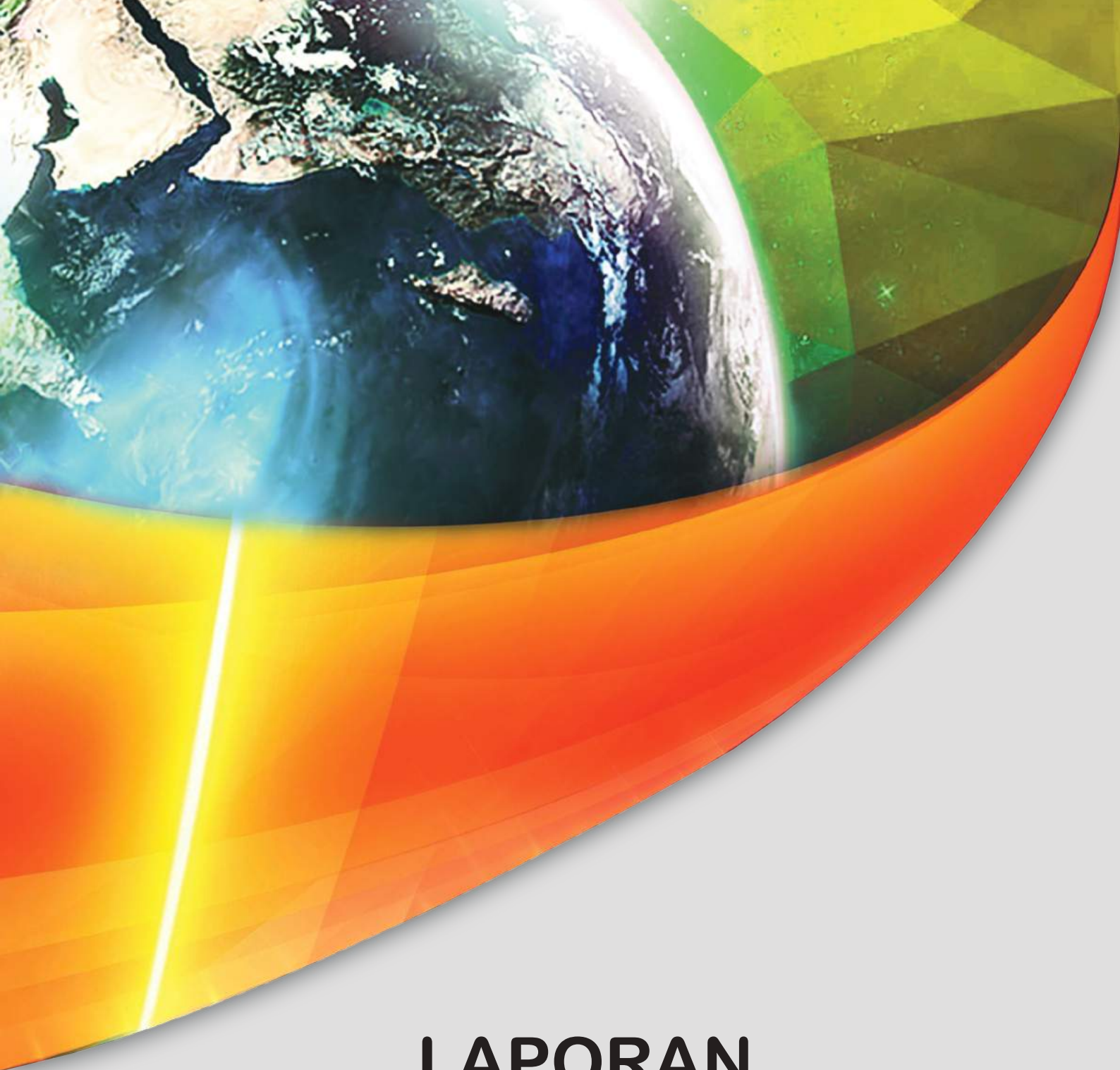
Ketua : Shamsuri Bin Mohd Saad (UTeM)

Ahli : Norulsyazne Binti Abdul Ghanie

Unit Pendaftaran dan Hadiah

Ketua : Mohd Adznan Bin Mohd Nayan (UTeM)

Ahli : Mohd Nizam Bin Bidin
Mohd Suhairi Bin Mohd Saad
Osfa Irda Binti Othman
Mohd Azrin Bin Ismail



LAPORAN PERSIDANGAN

2.0 Laporan Persidangan

Persidangan ICPE-6 telah berlangsung selama dua hari dengan pengisian dan perkongsian ilmu antaranya ialah sesi ucap utama, forum dan dialog dan persembahan poster yang merangkumi bidang utama penyelidikan pasca siswazah iaitu kejuruteraan, Sains Teknologi dan Maklumat, Sains Sosial dan Perniagaan & Ekonomi. Ianya telah berjaya menarik 242 peserta dari pelbagai Universiti dalam negara.

2.1 Aturcara Persidangan

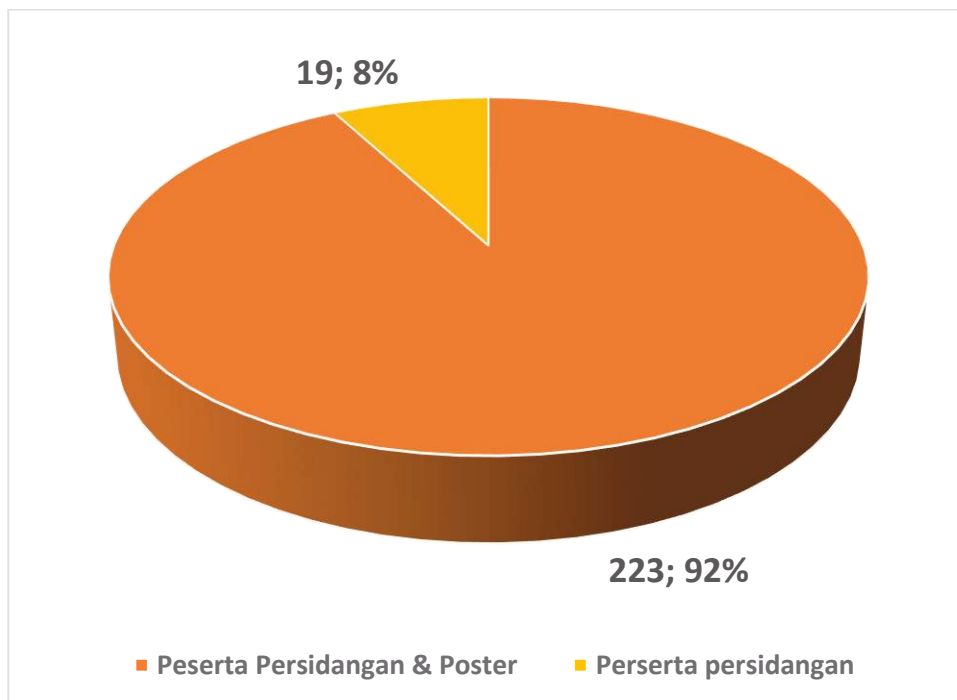
Hari Pertama 17 Disember 2014 (Rabu)	
08:15 – 08:45 pagi	Ketibaan dan Pendaftaran Peserta
08:45 – 09:00 pagi	Nyanyian Lagu Negara Ku & Bacaan Doa
09:00 – 09:10 pagi	Ucapan Alu-Aluan Profesor Datuk Dr. Shahrin Bin Sahib Naib Canselor, Universiti Teknikal Malaysia Melaka
09:10 – 09:15 pagi	Majlis Perasmian Datin Paduka Ir. Dr. Siti Hamisah Binti Tapsir Timbalan Ketua Pengarah, Jabatan Pendidikan Tinggi, Kementerian Pendidikan Malaysia
09:15 – 10:00 pagi	Ucap Tama Persidangan 1 Transforming Human Capital Towards Sustainable Postgraduate Education in Malaysia Datin Paduka Ir. Dr. Siti Hamisah Binti Tapsir Timbalan Ketua Pengarah, Jabatan Pendidikan Tinggi, Kementerian Pendidikan Malaysia
10:00 – 10:10 pagi	Lawatan Pameran Poster Pengajian Siswazah
10:10 – 10:30 pagi	Minum Pagi
10:30 – 11:15 pagi	Ucap Tama Persidangan 2 Internationalisation of Postgraduate Education in Malaysia: Aspirations, Challenges and Way Forward Profesor Dr. Imran Ho Bin Abdullah Timbalan Naib Canselor, Jaringan Industri dan Komuniti, Universiti Kebangsaan Malaysia.
11:15 – 12:00 petang	Ucap Tama Persidangan 3 Successful Multidisciplinary Research : A Practical Approach Profesor Dr. D. P. Dash Ketua Pusat Pengajian Siswazah dan Penyelidikan, Swinburne University of Technology, Malaysia
12:00 – 02:15 petang	Makan Tengahari

02:15 – 03:00 petang	<p>Ucap Tama Persidangan 4 Roles of Centre of Excellence (CoE) in Strengthening Postgraduate Education in Malaysia Prof. Datin Dr Maryati Binti Mohamed Pemangku Ketua Pusat, Fakulti Sains, Teknologi Dan Pembangunan Insan, Universiti Tun Hussein Onn Malaysia</p>
03:00 – 05:00 petang	<p>Dialogue on Malaysia Postgraduate Education Road Map Group 1: Current Status of Postgraduate Education in Malaysia Group 2: Future Challenges and Expectation of Postgraduate Education</p>
05:00 petang	Minum Petang

Hari Kedua 18 Disember 2014 (Khamis)	
09:00 – 10:00 pagi	<p>Ucap Tama Persidangan 5 Stay Alert and Active in Publication Professor Dr. Abdul Latif Bin Ahmad Pusat Pengajian Kejuruteraan Kimia, Universiti Sains Malaysia</p>
10:00 – 10:30 pagi	Minum Pagi
10:30 – 11:15 pagi	<p>Ucap Tama Persidangan 6 Preparing Graduate Students for the Global Workforce Professor Iain Densten Pengarah Program Sarjana Pentadbiran Perniagaan Monash University Malaysia</p>
11:15 – 12:15 petang	<p>Forum: Innovation in Research Supervision Towards the Empowerment of University And Industry Colloboration Panel: 1. Profesor Dato’ Dr. Abu Bakar Bin Abdul Majeed Penolong Naib Canselor, Universiti Teknologi MARA 2. Profesor Dr. Elsayed A. Orady Professor of Manufacturing University of Michigan - Dearbon 3. Datin Dr. Norrizan Binti Razali Education Director, Microsoft Malaysia</p>
12:15 – 01:00 petang	<p>Penyampaian Hadiah dan Majlis Penutup YB. Datuk Wira Hj. Md. Yunos Bin Husin Exco Pelajaran, Pengajian Tinggi, Sains Dan Teknologi, Teknologi Hijau Dan Inovasi</p>
01:00 petang	Makan Tengahari

2.2 Peserta Persidangan

Persidangan ICPE-6 telah dihadiri oleh 242 orang peserta iaitu 223 orang daripadanya merupakan peserta pertandingan Poster. Manakala 19 orang hadir sebagai peserta persidangan sahaja seperti yang ditunjukkan dalam Rajah 2.1. Statistik dan peratus kehadiran peserta mengikut kategori peserta, IPT dan bidang adalah ditunjukkan dalam Jadual 2.1 dan Rajah 2.1, 2.2. Sebanyak 24 universiti telah mengambil bahagian iaitu termasuk empat universiti swasta. Antara penyertaan tertinggi adalah dari UM(32), UKM(25), UTeM(21), UiTM (18) dan UTHM(18).

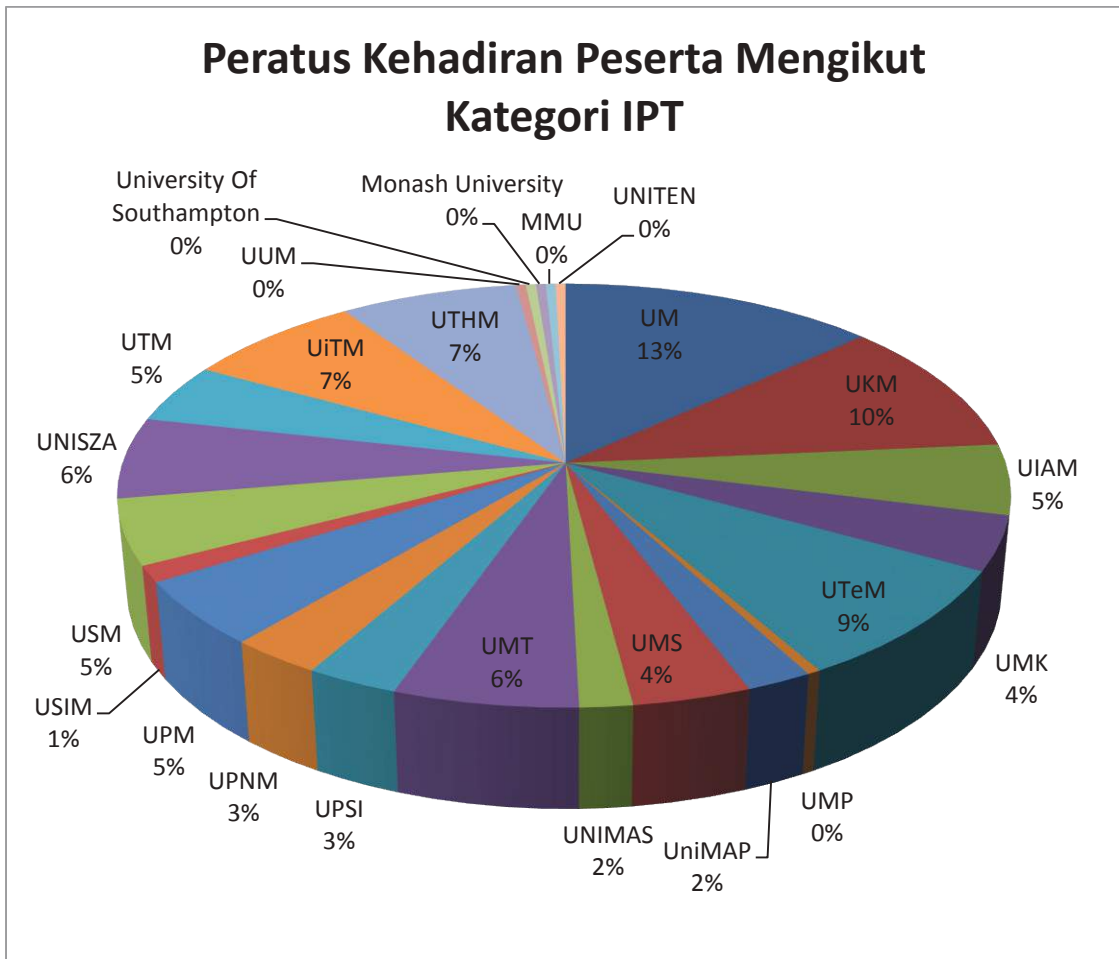


Rajah 2.1: Carta Pecahan Mengikut Jenis Kategori Peserta

Jadual 2.1: Statistik Peserta Persidangan ICPE-6 Mengikut IPT

BIL.	INSTITUSI	Peserta Persidangan dan Poster	Peserta Persidangan	Jumlah
1	Universiti Malaya (UM)	30	2	32
2	Universiti Kebangsaan Malaysia (UKM)	24	1	25
3	Universiti Islam Antarabangsa Malaysia (UIAM)	7	6	13
4	Universiti Malaysia Kelantan (UMK)	10	0	10
5	Universiti Teknikal Malaysia Melaka (UTeM)	21	0	21
6	Universiti Malaysia Pahang (UMP)	1	0	1
7	Universiti Malaysia Perlis (UniMAP)	5	0	5
8	Univerisiti Malaysia Sabah (UMS)	9	0	9
9	Universiti Malaysia Sarawak (UNIMAS)	4	0	4
10	Universiti Malaysia Terengganu (UMT)	14	0	14
11	Universiti Pendidikan Sultan Idris (UPSI)	5	2	7
12	Universiti Pertahanan Nasional Malaysia (UPNM)	7	0	7
13	Universiti Putra Malaysia (UPM)	12	0	12
14	Universiti Sains Islam Malaysia (USIM)	3	0	3
15	Universiti Sains Malaysia (USM)	11	1	12
16	Universti Sultan Zainal Abidin (UNISZA)	10	5	15
17	Universiti Teknologi Malaysia (UTM)	10	1	11
18	Universiti Teknologi MARA (UiTM)	17	1	18
19	Universiti Tun Hussein Onn Malaysia (UTHM)	18	0	18
20	Universiti Utara Malaysia (UUM)	1	0	1
21	University Of Southampton	1	0	1
22	Monash University	1	0	1
23	Multimedia University (MMU)	1	0	1
24	Universiti Tenaga Nasional (UNITEN)	1	0	1
JUMLAH		223	19	242

Rajah 2.2: Peratus Kehadiran Peserta Mengikut Kategori IPT



2.3 Ucap Tama (*Keynote Speaker*)

Sebanyak enam sesi ucap tama telah diadakan semasa persidangan ICPE–6 ini yang disampaikan oleh para penceramah dari dalam negara. Sesi ucap tama adalah seperti berikut:

- Ucap Tama 1: ***Transforming Human Capital Towards Sustainable Postgraduate Education in Malaysia***
Datin Paduka Ir. Dr. Siti Hamisah Binti Tapsir
Timbalan Ketua Pengarah, Jabatan Pendidikan Tinggi,
Kementerian Pendidikan Malaysia
- Ucap Tama 2: ***Internationalisation of Postgraduate Education in Malaysia: Aspirations, Challenges and Way Forward***
Professor Dr. Imran Ho Abdullah
Timbalan Naib Canselor, Jaringan Industri dan Komuniti,
Universiti Kebangsaan Malaysia.
- Ucap Tama 3: ***Successful Multidisciplinary Research : A Practical Approach***
Professor Dr. D. P. Dash
Ketua Pusat Pengajian Siswazah dan Penyelidikan,
Swinburne University of Technology, Malaysia
- Ucap Tama 4: ***Roles of Centre of Excellence (CoE) in Strengthening Postgraduate Education in Malaysia***
Prof. Datin Dr Maryati Mohamed
Pemangku Ketua Pusat, Fakulti Sains, Teknologi Dan Pembangunan Insan,
Universiti Tun Hussein Onn Malaysia
- Ucap Tama 5: ***Stay Alert and Active in Publication***
Professor Dr. Abdul Latif Bin Ahmad
Pusat Pengajian Kejuruteraan Kimia,
Universiti Sains Malaysia
- Ucap Tama 6: ***Preparing Graduate Students for the Global Workforce***
Professor Iain Densten
Pengarah Program Sarjana Pentadbiran Perniagaan
Monash University Malaysia

2.3.1 Ucapan Tama 1:

Transforming Human Capital Towards Sustainable Postgraduate Education in Malaysia

Ucapan tama sesi pertama disampaikan oleh Datin Paduka Ir. Dr. Siti Hamisah Binti Tapsir (Timbalan Ketua Pengarah, Jabatan Pendidikan Tinggi, Kementerian Pendidikan Malaysia) telah membincangkan perkembangan pengajian tinggi secara keseluruhan dan seterusnya telah fokus perbincangan kepada perkembangan pengajian siswazah di Malaysia. Penceramah juga telah membincangkan strategi - strategi yang perlu dilakukan oleh IPTA dan IPTS untuk menjadikan Malaysia sebagai hub pendidikan tinggi yang utama di rantau Asia. Penceramah juga telah membincangkan kriteria kualiti – kualiti yang perlu diterapkan kepada graduan siswazah di Malaysia supaya mereka mempunyai kemahiran dan nilai-nilai untuk berkembang maju dalam ekonomi global yang kompleks hari ini. Penceramah juga telah membincangkan secara ringkas sepuluh lonjakan yang akan dilaksanakan oleh Kementerian Pendidikan Malaysia dalam merealisasikan pelan perancangan pendidikan tinggi negara. Akhir sekali, penceramah telah membincangkan keperluan negara dalam mewujudkan universiti penyelidikan bertaraf antarabangsa dan beliau telah menerangkan beberapa strategi yang akan diambil dan dilaksanakan oleh Kementerian Pendidikan Malaysia.

2.3.2 Ucapan Tama 2:

Internationalisation of Postgraduate Education in Malaysia: Aspirations, Challenges and Way Forward

Ucapan tama sesi kedua pula disampaikan oleh Professor Dr. Imran Ho Abdullah (Timbalan Naib Canselor, Jaringan Industri dan Komuniti), Universiti Kebangsaan Malaysia. Beliau telah bermula dengan membincangkan Teras Kelima Pelan Strategik Pengajian Tinggi Negara iaitu meningkatkan usaha pengantarabangsaan pendidikan negara. Di antara objektif Teras Kelima ialah mewujudkan IPT yang bertaraf antarabangsa dan menjadikan Malaysia sebagai hub pengajian tinggi menjelang 2020. Penceramah telah menunjukkan statistik pencapaian enrolmen pelajar antarabangsa seramai 47, 928 pada tahun 2007 dan

meningkat seramai 86,919 pada tahun 2010 yang menunjukkan peningkatan yang baik. Penceramah telah berkongsi strategi yang diaplikasi oleh UKM dalam meningkatkan enrolmen pelajar antarabangsa. Di antaranya ialah seperti meningkatkan kualiti perkhidmatan kaunter di Pusat Pengajian Siswazah UKM, penyediaan khidmat perundingan pelajar, meningkatkan kualiti perkhidmatan bas, meningkatkan kualiti pengurusan aktiviti pelajar dan meningkatkan kualiti pengurusan laman sesawang. Akhir sekali, penceramah juga telah membincangkan transformasi yang perlu dilakukan setiap IPT untuk menjadikan Malaysia sebagai hub pengajian tinggi menjelang 2020. Di antaranya ialah strategi untuk meningkatkan kualiti graduan yang dihasilkan, meningkatkan jumlah bilangan profesor dan pakar rujuk dalam pelbagai bidang akademik serta meningkatkan sumbangan strategik kepada masyarakat dan industri secara menyeluruh.

2.3.3 Ucapan Tama 3:

Successful Multidisciplinary Research : A Practical Approach

Ucapan tama sesi ketiga pula disampaikan oleh Professor Dr. D. P. Dash (Ketua Pusat Pengajian Siswazah dan Penyelidikan), Swinburne University of Technology, Malaysia. Beliau telah bermula dengan menyatakan tentang bidang penyelidikan merupakan zon selesa kebanyakan penyelidik. Walau bagaimanapun, penyelidik yang berfikiran terbuka dan ingin tahu, dan didesak oleh institusi dan badan-badan pembiayaan, penyelidik kadang-kadang terpaksa melangkah keluar dari zon selesa mereka. Penceramah telah menyatakan beberapa perkara yang menarik berlaku apabila penyelidik melangkah keluar dari sempadan bidang penyelidikan mereka. Pertama, matlamat dan kaedah bidang penyelidikan mereka yang mereka pelajari datang ke dalam persoalan. Seterusnya, soalan etika timbul tentang peranan dan tanggungjawab penyelidik semasa beroperasi di luar sempadan bidang penyelidikan mereka. Selain itu, pelbagai jenis sikap dan kemahiran baru seolah-olah diperlukan untuk berfungsi secara berkesan dengan orang lain dengan perspektif yang berbeza. Akhir sekali, penyelidik bekerja dalam mod ini menghadapi keperluan untuk pemikiran metodologi baru dan kerangka falsafah untuk belajar daripada pengalaman mereka dan membangunkan identiti penyelidikan mereka yang baru. Proses

transformasi diri daripada menjadi seorang penyelidik dalam bidang tertentu kepada penyelidik dalam bidang lain mungkin melibatkan pelbagai peringkat pembangunan. Peringkat-peringkat ini boleh dibincangkan dari segi (a) perspektif penyelidikan multidisiplinari (b) perspektif penyelidikan interdisiplinari dan (c) perspektif penyelidikan transdisiplinari. Dalam landskap kontemporari penyelidikan, sama ada dalam industri, kerajaan, atau akademik, ia tidak mencukupi bagi pelajar untuk membangunkan kemahiran saintifik tradisional pemerhatian, pemodelan, ramalan, pengesahan, dan sebagainya. Penceramah telah menyatakan penyelidik memerlukan pelbagai jenis kecekapan kerana cara baru penyelidikan sedang dibiayai dan dikaji pada masa kini. Antaranya ialah projek dan pengurusan pasukan, kemahiran bahasa, kesedaran perniagaan, pemahaman tentang kesan kajian ke atas alam sekitar dan masyarakat, dan keupayaan untuk membangunkan satu rangkaian kerjasama.

2.3.4 Ucapan Tama 4:

Roles of Centre of Excellence (CoE) in Strengthening Postgraduate Education in Malaysia

Ucapan tama sesi keempat disampaikan oleh Prof. Datin Dr Maryati Mohamed (Pemangku Ketua Pusat Fakulti Sains, Teknologi Dan Pembangunan Insan), Universiti Tun Hussein Onn Malaysia. Penceramah telah bermula dengan membincangkan tentang kepentingan dan peranan pusat kecemerlangan dalam memperkukuhkan dan meningkatkan kualiti pengajian siswazah di Malaysia. Di antaranya ialah seperti memudahkan penyelidikan multidisiplinari, pembangunan tenaga pakar, kerjasama dengan industri dan IPT lain serta untuk pembelajaran dan pengajaran pelbagai subjek. Beliau telah berkongsi beberapa jalinan kerjasama dengan industri dan IPT yang telah diadakan melalui pusat kecemerlangan di UTHM. Penceramah juga telah membincangkan beberapa perkara berkaitan pembangunan pusat kecemerlangan dimana ianya memerlukan komitmen dari pihak pengurusan atasan IPT. Di antara perkara yang perlu dikaji ialah seperti dana, ruangan, makmal, staf dan tenaga pakar.

2.3.5 Ucapan Tama 5:

Stay Alert and Active in Publication

Ucapan tama sesi kelima disampaikan oleh Professor Dr. Abdul Latif Bin Ahmad (Pusat Pengajian Kejuruteraan Kimia), Universiti Sains Malaysia. Penceramah telah bermula dengan membincangkan tentang statistik penerbitan di Malaysia sejak tahun 1959 sehingga 2010. Beliau juga telah menunjukkan perbandingan penerbitan di antara beberapa negara Asia. Beliau juga berkongsi maklumat tentang pencapaian Malaysia yang menunjukkan peningkatan penerbitan yang tertinggi secara keseluruhan dari tahun 2005 hingga 2009. Seterusnya penceramah membincangkan kepentingan penerbitan dan kenapa para pelajar siswazah dan akademik perlu aktif di dalam penerbitan. Selain daripada itu beliau juga memberikan beberapa tips kepada pelajar bagaimana mereka boleh menjadi seorang pelajar sarjana yang kompeten, inovatif dan bersahsiah murni. Seterusnya penceramah membincangkan masalah-masalah di dalam penulisan. Beliau juga telah menjelaskan bagaimana untuk menghasilkan penulisan penerbitan jurnal yang berkualiti secara terperinci bermula dari tajuk kertas penerbitan kepada rumusannya. Akhir sekali beliau berkongsi maklumat strategi bagaimana dan di mana kertas penerbitan perlu dihantar untuk impak yang tinggi.

2.3.6 Ucapan Tama 6:

Preparing Graduate Students for the Global Workforce

Ucapan tama sesi keenam disampaikan oleh Profesor Iain Densten (Pengarah Program Sarjana Pentadbiran Perniagaan) Monash University Malaysia. Penceramah membincangkan tujuh persoalan yang berkaitan tajuk yang diberikan. Persoalan pertama ialah adakah pelajar sedia diserapkan terus kedalam alam pekerjaan selepas mereka tamat pengajian? Kedua kumpulan pekerja yang mana pelajar berada sekarang dan kumpulan pekerja mana yang mereka akan menjadi pada masa akan datang? Ketiga bagaimana pelajar akan kekal sebagai seorang pekerja yang berkemahiran tinggi sepanjang kerjaya mereka? Keempat siapa yang akan membantu pelajar membangunkan kemahiran dan pengetahuan di sepanjang kerjaya mereka? Kelima adakah

kemahiran pelajar benar-benar menyediakan mereka sebagai tenaga kerja global sekarang dan pada masa akan datang? Keenam apa yang pelajar akan lakukan untuk membangunkan kemahiran mereka dimasa akan datang? Ketujuh apakah kriteria keberkesanan pencapaian pelajar dimasa akan datang?

2.4 Sesi Dialog

Sesi dialog yang membincangkan *“Malaysia Postgraduate Education Roadmap”* ini telah dilaksanakan pada 17 Disember 2014 jam 3.00 – 5.00 petang di Dewan Utama UTeM. Sesi ini telah dibahagikan kepada 2 subtopik utama iaitu *“Current Status of Postgraduate Education in Malaysia”* dan *“Future Challenges and Expectation of Postgraduate Education”*.

Setiap subtopik dialog ini telah dikendalikan oleh seorang pengerusi, 2 orang ahli panel dan 2 orang rapporteur serta dihadiri oleh peserta persidangan ICPE-6. Pengendali dialog adalah terdiri dari tokoh-tokoh akademik pengajian siswazah yang berwibawa dari pelbagai universiti menjadikan ianya begitu menarik dan mendapat sambutan yang begitu menggalakkan dari lebih 100 orang peserta. Maklumat terperinci mengenai pengendali dialog adalah seperti jadual di bawah.

TAJUK DIALOG	NAMA	PERANAN	JAWATAN & INSTITUSI
Current Status of Postgraduate Education in Malaysia	Prof. Dr. Mahzan bin Arshad	Pengerusi	Dekan, Institut Pengajian Siswazah, UPSI
	Prof. Dato' Dr. Ahmad Shukri Mustapa Kamal	Ahli Panel	Timbalan Naib Canselor (Akademik & Antarabangsa), USM
	Prof Dr Ramlee Bin Mustapha	Ahli Panel	Pensyarah, Fakulti Pendidikan Teknik & Vokasional, UPSI
	Prof. Madya Dr. Nor Hasbiah Binti Ubaidullah	Rapporteur	Timbalan Dekan (Akademik), Institut Pengajian Siswazah, UPSI
	Dr. Nor Nafizah Binti Mohd Noor	Rapporteur	Timbalan Dekan (Hal Ehwal Pelajar), Institut Pengajian Siswazah, UPSI

Future Challenges and Expectation of Postgraduate Education	Prof. Dr. Zaidatun Binti Tasir	Pengerusi	Dekan Sekolah Pengajian Siswazah, UTM
	Prof. Datin Dr. Norhanom Binti Abdul Wahab	Ahli Panel	Dekan Institut Pengajian Siswazah, UM
	Prof. Datin Dr. Maryati Binti Mohamed	Ahli Panel	Pensyarah, Fakulti Sains, Teknologi dan Pembangunan Insan, UTHM
	Prof. Madya Dr. Aminah binti Md. Yusof	Rapporteur	Sekolah Pengajian Siswazah, UTM
	Prof. Madya Dr. Ismail Bin Said	Rapporteur	Sekolah Pengajian Siswazah, UTM

Dialog ini telah membuka peluang dan menjadi platform yang begitu baik kepada para akademia berbincangkan dan bertukar-tukar fikiran tentang masa depan dan halatuju pengajian siswazah di Malaysia. Resolusi dari dialog ini akan dibawa ke Majlis Dekan Pengajian Siswazah untuk digunakan bagi merintis dan membangun halatuju pengajian siswazah yang lebih mantap pada masa hadapan.

2.4.1. Sesi Dialog 1 - Current Status of Postgraduate Education in Malaysia

Moderator

Prof. Dr. Mahzan Arshad – Dean, Institute of Graduate Studies, UPSI

Speakers

Y. Bhg. Prof. Dato' Dr. Ahmad Shukri Mustapa Kamal - Deputy Vice Canselor (Academic & International Affairs), USM

Y. Bhg. Prof. Dr. Ramlee Mustapha – Former Dean, Institute of Graduate Studies, UPSI

Abstract

A session was jointly organized by Universiti Teknikal Malaysia Melaka and Universiti Tun Hussein Onn Malaysia to discuss issues pertaining to the current status of postgraduate education in Malaysia. The session comprised invited speakers, lecturers and postgraduate students. The first speaker presented his talk by focusing on issues related to current status of higher education, problems faced by students, and quality of doctoral programs. The second speaker shared his thoughts on the concept of a

world-class university, its attributes, and ways of achieving this esteemed status. The event then continued with a questions and answers session, which centered on many issues, such as current problems of postgraduate studies experienced by international students, the graduate on time (GOT), fast-track study, and supervision. In addition, many other issues were brought to light by some of the audience, such as publication, transdisciplinary research, and internalization. These issues were then deliberated by the invited speakers, moderator, and also some members of the audience to suggest and recommend solutions to address those issues.

1. Presentations by the panellists

(a) Panelist 1: Prof. Dato' Dr. Ahmad Shukri Mustapa Kamal - Deputy Vice Canselor (Academic), USM

Prof. Dato' Dr. Ahmad Shukri presented his talk by first giving an overview of the current status or state of higher education in Malaysia. More poignantly, he lamented the current predicament of not producing quality postgraduate students in view of the many learning facilities available to them vis-à-vis postgraduate students in the 1980s. According to him, given the better condition of today's learning environment, these postgraduate students should be able to complete their studies on time, unfortunately this desired outcome until today has not been fully realized – much to the detriment of the public universities. Furthermore, he stated that public universities are now focussing more on postgraduate studies – which are one of the important Key Performance Indicators (KPIs) of most public universities – that the need to graduate on time becomes imperative. One of the reasons of not graduate on time may be due to the quality of postgraduate students that enrolled in various postgraduate programs. Arguably, most public universities might have overlooked the entry requirements of these students as quantity is overly emphasized than quality. Some universities can be trapped in this conundrum because the number of postgraduate students is one of universities' KPIs, thus putting these universities under extreme situation to recruit students based on stipulated quotas; it is worried that the quality of enrolling

postgraduate students is compromised. To mitigate this prevailing problem, Prof. Dato' Ahmad stressed the need of public universities to follow the MQA standard for higher education along with the aim of taking as many students as required. With equal emphasis on quality and quantity, public universities will be able to conduct postgraduate programs with greater success.

In addition, Prof. Dato' Ahmad also highlighted the issue of the current practices of doctoral studies supervision. Notably, he cautioned that supervision of students at the postgraduate level has to strictly follow appropriate procedures lest serious problems will emerge at the later stage of the doctoral studies. To help assure proper and systematic supervision, he earnestly implored relevant institutes of postgraduate studies (IGSs) of public universities to follow the MQA standard in developing relevant guidelines for their postgraduate students. For example, only academicians holding doctoral degrees for at least two (2) years can be appointed as supervisors to supervise doctoral students.

Another issue discussed by Prof. Dato' Ahmad was the *Graduate on Time* (GOT), which has become a bane to many universities. GOT refers to the minimum or the maximum duration taken by postgraduate students to successfully complete their dissertations. According to Prof. Dato' Ahmad, in normal circumstances, GOT refers to the completion of a doctoral study between three (3) and four (4) academic years. However, realizing GOT may have to be extended beyond the normal range of years as learned from some academicians who have learned (and are learning) abroad. Currently there are two (2) definition of GOT; four (4) years by the KPM and three (3) years by the university. Ideally, GOT should be set at four (4) academic years, not three (3) years as the current GOT measure. Extending GOT to four years can help address prevailing financial problems faced by pursuing students (university academic staff) because sponsoring universities will normally stop financing their staff have to extend their studies beyond the stipulated duration.

Prof. Dato' Ahmad also highlighted new requirements of postgraduate studies that contribute to the quality of higher education in Malaysia as the followings:

- (i) The number of publications, such as peer-reviewed journal papers, that postgraduate students have to meet throughout the course of their studies. These requirements differ among public universities as the research focus of every university is not the same.

- (ii) Transdisciplinary research has become a new focus of research as research is not confined to a particular discipline, but it involves other related disciplines as well. For example, in a medical electronic study, this transdisciplinary research will invariably encompass two main disciplines or fields, namely electronic engineering and neuroscience. Embarking in transdisciplinary research is highly desirable, but many public universities face problems to engage relevant experts in both areas as external examiners. Sadly, prevailing environments of public universities are not conducive enough to support this kind of academic endeavours.

- (iii) Internationalization of the postgraduate programs is becoming prominent of late. Through internationalization initiatives, public universities can engage overseas institutions of higher learning (IHLs) to jointly supervise doctoral candidates. In fact, some of the local universities have started implementing this kind of collaborative approach; for example, USM offers several academic programs through which both the local and overseas IHLs confer (and recognize) degrees on successful students. In other words, students will be awarded 'double' degrees from both institutions. Naturally, this joint-degree programs at the postgraduate level entail the participation of examiners chosen from IHLs for studies.

(b) Panelist 2: Prof. Dr. Ramlee Mustapha – Former Dean, IGS UPSI

Prof. Dr. Ramlee gave a short presentation through his talk entitled “World-class Postgraduate Program Begins with Quality Research”. In short (but in elegant tone), he stated that a world-class university is determined by the quality of its academic

programs and research, not by self-proclamation. More importantly, he shared his thoughts on the relevant attributes of a world-class university. Arguably, the definition a world-class university is open to debate due to the many subjective and contextualized variables involved. Given the diversity of global education systems and different societal needs and priorities, it is extremely difficult to define the common standards. Despite these intricacies, one thing is agreed upon by all universities: world-class standing is built on reputation and perception. Thus, these subjective and abstract concepts are determined (and possibly measured) by universities' outstanding performances in many events or activities. According to Prof. Ramlee, there were several critical factors that characterize world class universities, namely (i) quality of faculty members, (ii) research reputation, (iii) quality of graduates, (iv) international presence, (v) proper resourcing, and (vi) reputable alliances and networks.

Prof. Ramlee cautioned the lack of a clear set of performance criteria and measures that can be applied to determine the world class status of public universities. The lack of such measures can lead to misplaced ratings of universities – being either world-class or not – as these ratings will be purely based on local academic criteria, not the actual world-class standards. Thus, he proposed a relevant strategy toward benchmarking the world-class university status. More importantly, he stressed that local institutions need to benchmark themselves with the best in the world and strive to work toward quality improvement, despite of the subjectivity involved in defining world-class standards. Furthermore, he suggested some useful elements to help determine the status of universities from the world-class university perspective as follows:

- (a) High concentration of talents consisting of faculty members and students. To acquire talented pool of academic staff can be achieved in several ways, such as in-house grooming, recruitment of overseas talents, or secondment of experts to local universities,
- (b) Availability of abundant resources to create and sustain conducive learning environments, which are equipped with cutting edge technology for conducting advanced research,

- (c) Favorable governance that helps create leaders who are strategically visionary, innovative, and flexible, thus enabling institutions to make fast, well-informed decisions and to manage resources without bureaucratic hassles.

Interestingly, all the three elements are being practiced by many developed countries, such as South Korea that has adopted this approach since 1980s. As anticipated, South Korea has become an advanced nation as evidence from the long list of its leading electronic and manufacturing companies that employ highly qualified workforce. For example, Samsung, a company that has invested billions of dollars in research and development (RND), has hired 5500 PhD holders, who ultimately became the company's scientists.

For local universities that aspire to achieve the world-class university status, Prof. Ramlee laid down several important attributes that need to be considered as follows:

- (i) being the best, such as Toyota that is currently the leader of the world automakers,
- (ii) providing values to the degrees offered,
- (iii) enjoying good reputation
- (iv) being top in the publication league (e.g., number of ISI-indexed journal articles),
- (v) having superior quality standard,
- (vi) practicing excellent working ethics,
- (vii) having international recognitions,
- (viii) applying learner-centric teaching approach,
- (ix) employing talented professionals.

In addition, he emphasized excellent doctoral theses as one of the important measures of a world class university. To put it squarely, a good thesis will have the following attributes as follows:

- (i) Critical and futuristic implications, which will be referred by other academics, scholars, or postgraduate students,
- (ii) Currency of research, which is relevant and valid for today's contexts.
- (iii) Novelty of research, which is better than previous ones.

Questions, Answers, Comments, and Discussion

Several questions regarding higher education, especially pertaining to issues faced by the international students studying in Malaysia, were raised by the moderator. These issues are as follows:

- (i) The motivational factor that encouraged these students to pursue doctoral studies in Malaysia,
- (ii) The opinions of these students on the overall satisfaction of their studies,
- (iii) The opinions of these students on the quality of services, facilities, and supervisions rendered so far.

Two participants shared their experiences by voicing the challenges they had encountered in carrying out multidisciplinary research. In particular, they claimed that they did not receive full support from their supervisors because there seemed to be some conflicting ideas between two different supervisors from two different backgrounds. This predicament had an adverse impact on their study progress as getting a consensual agreement between their supervisors was not an easy feat, rendering students frustrated and lost. In view of the potential challenges of multidisciplinary research, several issues were raised by some participants as follows:

- (i) Non-conferment of doctoral degrees as candidates have not met the required standards of the two disciplines.
- (ii) Mastery issue as candidates undertaking multidisciplinary research need to reach the mastery level of both disciplines.
- (iii) Supervision issue as engaging two supervisors from two different fields has always been extremely difficult.
- (iv) Refusal of some schools of a particular discipline to accept candidates from other disciplines. For example, an engineering school will only accept engineering students, not arts students.

(v) Depth of knowledge that students need to possess lest failure will be inevitable.

A participant, who is a professor, commended young lecturers for their enthusiasm and willingness to conduct multidisciplinary research as opposed to senior lecturers who seemed reluctant to do so due to the latter's obsession with their particular discipline. In embarking doctoral research, invariably students will have to face a host of problems, particularly those related to supervision. Getting advice and help from supervisors will not always be forthcoming because, according to Prof. Ramlee, the supervisors will be busy, unavailable, or sick. If such a situation arises, students should be creative and imaginative to seek help from others, the likes of senior students or senior academic staff.

One participant highlighted the Graduate on Time (GOT) issue. Justifiably, he expressed deep concern about students' plights in completing their doctoral studies within GOT duration. Undisputedly, one of the problems of completing doctoral research on time is due to students' lack of readiness. The problem will result in students making inferior progress at best or moderate progress at worst. In fact, there are cases where some students had to attend training to improve their knowledge and skills. To mitigate some of these problems, some of the participant suggested graduate studies centres to conduct compulsory courses or training for prospective candidates prior to doctoral enrolment.

One participant shared his experience of studying in Malaysia by noting that local and international students did not mix around. Further compounding this problem, he stated that interaction between students and supervisors was poor. In some extreme cases, supervisors failed to give prompt feedback of the students' work. For transdisciplinary research, some supervisors even failed to provide adequate feedback due to their lack of expertise in a certain discipline. Furthermore, the participant claimed that existing program structures lacked clarity and there was little support for students, such as taking relevant courses prior to commencing doctoral studies.

In response to the above problems, Prof. Dato' Ahmad recommended students to voice out their grievances without delay as procrastination will make matters more problematic. As a first step, students can discuss important matters with their supervisors diplomatically, or they can seek out help from students' associations. For the former case, if their supervisors — without good reasons — fail to address their plights, students can lodge complaints by reporting directly to relevant deans so that their problems will not be neglected. The seriousness of deans to deal with such a problem will send a message to all concerned with doctoral studies that students' welfare will not be compromised because of poor supervisions. On the other hand, Prof Dr. Ramlee advised students, especially doctoral students, to learn to be more independent in their studies as too much dependency on supervisors can sometime be counterproductive. In this regard, students were encouraged to search relevant information and to take appropriate training organized by the respective IGSs to further enhance their knowledge and skills. For example, in the case where their supervisors were slow or reluctant to provide feedback for their papers, students were advised to find other alternatives, such as contacting available editing services. Regarding GOT issue, Prof. Dato' Ahmad explained that this criterion was introduced by MOHE committee as a standard to measure one of the universities' KPIs. Apparently, the impact of this measure was a conflict between the universities (that provide scholarship) and pursuing students (whose studies were financed by these universities).

To elicit information from the international students, the moderator posed some pertinent questions to the audience. Specifically, these questions touch on issues regarding (i) universities' facilities or support systems to assist these students, and (ii) opinions of the international students with respect to local postgraduate students and lecturers.

One of the international participants highlighted some issues between local and international students, citing (among other things) the lack of communication between the two groups of students. Apparently, existing social settings of campuses are not conducive; for example, in some universities, students were divided into different study

groups such that each group will be in a different lecture class, thus prohibiting close interactions between local and international students. The impact of this loose association is that international students will not be able to learn our local culture and language. Not surprisingly, one of the international students, in unequivocal terms, made his 'bad' experience known when he stated that he had high expectations when studying here, but the university has thus far failed to meet his expectations.

Another important question was raised by one of the audience regarding the role of Malaysian government in attracting students from overseas. To respond to this question, Prof. Dato' Ahmad urged strongly universities should allocate enough funds (i.e., post graduate schemes) to conduct postgraduate programs effectively (and profitably). Currently, most universities rely on postgraduate students fees as the main source of income to run and manage postgraduate programs, but the actual budget is usually higher than the collected fees, which is due to several unforeseen circumstances such as cutbacks of funding. In addressing international students' plights, one of the audience, who is a professor, emphasized International Offices (IOs) of public universities to be more proactive in conducting meetings, training, or events that help make these students' wellbeing more secure. Likewise, she implored international students to refer to respective IOs to seek help in dealing with their problems. In addition, as suggested by Prof Dr. Ramlee, these students could also seek assistance from postgraduate associations, which have capable manpower to help them solve their problems. Lastly, he stressed the importance of doing some research or homework that needs to be carried out by international students prior to deciding their place of study.

The session ended with the panellists elaborating on the fast track issues. Prof. Dato' Ahmad started by reminding that the current MQA requirements do not allow students to enrol in any doctoral studies right after they have graduated from their first degree studies, irrespective of their excellent achievements. One of the reasons for these requirements is that, in general, many newly graduated students lack communication skills, which is vital for higher degree studies. Before ending the session, some of the publication issues were brought into the limelight again. In this regard, Prof. Dr. Ramlee

emphasized students to work hard to get their papers published in leading journals. In fact, publications of their doctoral work will help improve their chances of completing their doctoral studies. For this to happen, Prof Dr. Ramlee urged students and supervisors to establish better, relationship that strives on good working ethics in a 'win-win' situation. For example, in terms of authorship, students and supervisors should reach an agreement in deciding who should be the first author (i.e., the leading author) of a paper. Naturally, students who contribute the most will have more rights to have their names appeared as the first author. Breaching this agreement is unethical, and students can request for a new supervisor if the agreement is violated by their supervisor.

Conclusions

Several prevailing issues of postgraduate education in Malaysia were raised and deliberated by a panellist of experienced, highly-qualified academics. Many of these issues have become more acute as local universities started taking in international students and embarking on transdisciplinary research. To make matter even worse, local universities are compelled to enhance their academic and research reputation by striving to attain the celebrated world-class university status. Having raised and discussed the prevailing issues and contributing factors, the speakers, moderator, and some members of the audience had made suggestions and recommendations to help solve these problems. Through this session, all the stakeholders had gained better appreciation and understanding of the current issues, challenges, and solutions of postgraduate education in Malaysia, which could pave the way for local universities to achieve the world-class university status in not too distant future.

2.4.2. Sesi Dialog 2 - Future Challenges and Expectation of Postgraduate Education

Moderator

Prof. Dr. Zaidatun Binti Tasir

Speakers

Prof. Datin Dr. Norhanom Binti Abdul Wahab

Prof. Datin Dr. Maryati Binti Mohamed

QUESTIONS TO PANELISTS

1. As we are aware that our graduate education landscape has changed significantly in recent years. As an academician and as an individual who active directly in graduate education, how do you describe these changes?
2. Malaysia is targeting 60000 PhD holders in 2023. Is this a massification? Is this a realistic set and achievable? Do you think that we are going to have supply and demand problem in relation to this? What are the implications of this target on the graduate education system in Malaysia?
3. If we look at others countries such as Japan and India, the numbers seems to end up with various issues. I believe one common issue is employability. Finding the right jobs with the qualification is one of mostly highlighted problem and demotivates potential or existing students. Are we going to face the problem or are we anticipating the problem in our graduate education in Malaysia? Do you agree this should be major concern of our local HEIs in Malaysia?
4. We also realised that one of the issue in graduate education is the relevance of the graduate qualification to the industrial real life. Should concern over how much knowledge gained, innovative ideas and innovation can be applied be a priority or important agenda for HEIs in Malaysia? How this can be overcome?
5. Let's talk about industrial relevance. Do you think HEIs should offer graduate program that are profession based? Probably involving more industry inputs such as supervisor and real case etc.
6. In order to promote the employability of the graduates, one of the strategies could be connecting the enterprise and university. What do you think the impact of connecting enterprise and graduate employability on higher education culture and curriculum?

7. As part of the quality indicator, the HEIs may offer only programmes accredited by the MQA. What is your opinion on this quality assurance requirement on the graduate education? Shouldn't the HEIs be given some autonomy in mapping the running of the programs?
8. The 60k reflects the quantity target. The whole world is after the quality graduate. Do you think this quantitative indicator will affect the quality of the graduates from our local graduate education system? How both quantity and quality can be aligned especially in HEIs?
9. One of the main objectives of graduate education is to address concern over societal issue. Lets consider Malaysia, how relevant graduate education in addressing societal issues? Do you think, the relevance confined to certain discipline?
10. In order to educate high quality graduates, HEIs should be equipped with not only physical but intellectual capacity. Do you think building capacity pool of supervisors should be an area of concern in Malaysia? Do you think PhD training is sufficient for today's supervisors? What are the skills and knowledge that the supervisors should have to supervise especially the research students?
11. As one of main stakeholders, the students are said to set high expectation such as more close coaching and mentoring. Do you agree with this statement? How these affect the management of graduate education in HEIs in Malaysia?
12. Some countries note their concern over non-completion and high failure rate. What are the strategies and initiatives would you should to address concern over high attrition in graduate education especially for doctoral degree level.
13. To be global players, the HEIs should be capable of offering accredited sought after programs. To be part of reputable international graduate programs requires serious commitment from the HEIs. Do you think, in the current state, the HEIs should strategise on internationalisation? Ranking and rating games?

13. To be global players, the HEIs should be capable of offering accredited sought after programs. To be part of reputable international graduate programs requires serious commitment from the HEIs. Do you think, in the current state, the HEIs should strategise on internationalisation? Ranking and rating games?
14. As we are aware, we welcome international students to Malaysia. International students contribute substantially to the national graduate student's enrolment. On one hand, this helps financial sustainability to HEIs. On the other hand, we are focussing on recruiting students who will not remain in the country upon graduation. How do you strike the balance between having these two?
15. As we are aware, rapid technology affect every aspect of our life. We see an increasing number in Non-traditional students and the emergence of online degree; MOOCs and other social media that changes the way education behave. How do you describe the role of technology in graduate education? Do you think Malaysia is responding positively to this?
16. Research products from graduate education should have potentials to be commercialised as expected by the industries. What are your opinions on this? Should industries also play their roles to support graduate education research? Do industries in Malaysia ready to do so?
17. Our last note, in an ideal situation, how do you view graduate education should stand especially in our country, Malaysia? More specific what is the future direction of our graduate education?

NOTES

1. On changes in Graduate Education
The panel describes environment shapes the behaviour of the researcher. The importance of knowing what happened in the past especially when to embark on PhD, you have to prepare simple proposal and each will get grant. In UM for

example 10 year ago, there were only 600 post graduate students. In 2014, UM records 1700 PhD candidates and >400 PhD graduates in 2014. The growth is very significant and the importance is shown by the existence of Ministry of Higher Education. 1996 has become a significant year as Act of Private Institution which passed by Parliament which allows the PHEIs to offer post graduate programs.

Also another significant development is the emergence of MQA which govern the quality aspect of program offered and to be offered by the HEIs. The other development is the launching of PSPTN, 1st and 2nd Phase. In the 3rd phase, Higher Education Blue Print Critical Agenda Projects are launched, also high impact Centre of Excellence supported by the post-grad students. At the 3rd phase, the target of 60k PhD holders needs to be revised. Others include trending and issue on internationalisation, dual/joint degree, research collaboration and research attachment.

2. On responding to effort and initiatives by government and the need to focus on harnessing the talent. Datin Maryati: We should concern over employment issue if too many Phd holders. If we compare to other countries like Indonesia, trishaw paddler has a degree. At that time, the exchange program students, teachers as well as lecturer between Malaysia and Indonesia. Now in Malaysia, we are progressing but let's face the reality. Are we able to absorb 60k? The country needs 30k at most; will 30k be absorbed by the industry? Phd must be viewed not only from employment dimension but to the knowledge.
3. On Internationalisation – Datin Norhanom; Malaysia aims to be education hub which at the moment, number of international students is 80000 despite the target of 100000 international students. Education will become one of the economy sectors such as tourism for source of income. International standards offer diversity. We can see local students may be quite resistant and learn cross culture. There is quota for undergrad (10-20% of total enrolment) but there is none for PG. In some faculties in UM, >50% of the PG students are from overseas and occasionally they work in COE.

The international students allow HEIs to set Alumni Chapter abroad such as UM, while some retain in university to join post-doc or become an academic staffs. Some areas such as Public Health fully utilised in other country such as Africa. More importantly some international students end up in higher post or in decision making in their country which this contributes goodwill to Malaysia education. Datin Maryati regards internationalisation in long term. Malaysia is replacing UK as such recognition that sending countries are look up at us.

4. Ranking and Rating: Datin Maryati regards this is out of mind game. The field is not the same but if we want the outsiders to come to Malaysia the HEIs must join the game.
5. In relation to industrial Datin Norhanom sees industrial relevant and the program should be of industrial relevant. For taught course, training should be outside class and the project should be industrial based. Training in the industry would be very beneficial. The other example is PhD Industry that involves solving industrial problem as the candidates are practitioners and carrying out research in their working place. In other countries, the education system is participated by private sector but not in Malaysia. Thus some companies like Samsung and Nokia have thousand of PhD holders which reflect PhD drive economy.
6. On the issue whether PhD training today adequately equipped future supervisors. Datin Maryati agrees that the way someone received supervision may influence. Not every PhD holders fit to be supervisors. The good supervisor is someone on the first day try to understand relationship – human relationship. Some supervisors are so engrossed with research, hence supervisors really need to consider human.
7. On question if the HEIs should be given some autonomous. Datin Maryati realised as the money comes to HEIs comes from government, we should follow the government including the compliance of MQA. As some

professional bodies are been prioritised (such as BEM, MMC and Accounting) compared to MQA standard, it is time for the HEIs to set up Board of Doctoral as an alternative. There are areas which MQA is not sensitive such as research and On-line PhD and honorary doctorate which should be major concern amongst MQA.

Datin Norhanom believes some standards are required as other countries also have the standard for quality assurance but she believes that some steps to be skipped as too many rules and regulations will not do much good to the graduate education.

8. On the future direction of graduate education. Datin Maryati poses some suggestions including

- We should try to achieve zero budgets from the government to eliminate dependency. This will allow the brain to grow freely and the university to determine the direction
- Board of Doctoral
- University should create our own industry rather than relying on the industry.

Datin Norhanom suggests focusing on 3 – input, process and output

- Input – functioning as traditional and be good first then the students will come
- Process- The new approach to teaching and learning. In Denmark, traditional way of teaching was banned. Flick classroom and blend adopted. The emergence of summer school, course work, collaboration with industry. The universities should look and consider an international accreditation and explore the potential of dual PhD (double research and double citation). Also group supervision rather than single supervisor.

Question 1 related to imbalance Quality PhD from different HEIs, supervision as well as quantity.

Response 1 – quality of PhD differ seems to be personal issue. As many COEs are offering different programs with different expertise, the students must do their research in getting to know what expertise available and what best suit them. On quantity of PhD, obviously there are areas of priorities. The scholarship is only available for those in the priority areas.

Question 2 – Mohd Azhari from UMK – How to handle the IQ or human factor thus to come up with full package of PhD holders. Currently we are focussing on EQ. and how to make the PhD outstanding?

Response 2:

Prof. Datin Dr. Maryati Mohamed:

Social economic is important. The fate of nation depends on young generation. Effort must be on humanising and naturalising human being.

Response 3:

Prof. Datin Dr. Norhanom binti Abdul Wahab:

Through formal way: Program has seven outcomes thus curriculum and syllabus should emphasis these. Through informal approach such as internalising themselves, in culturing the IQ, EQ and SQ

2.5 Pertandingan Poster

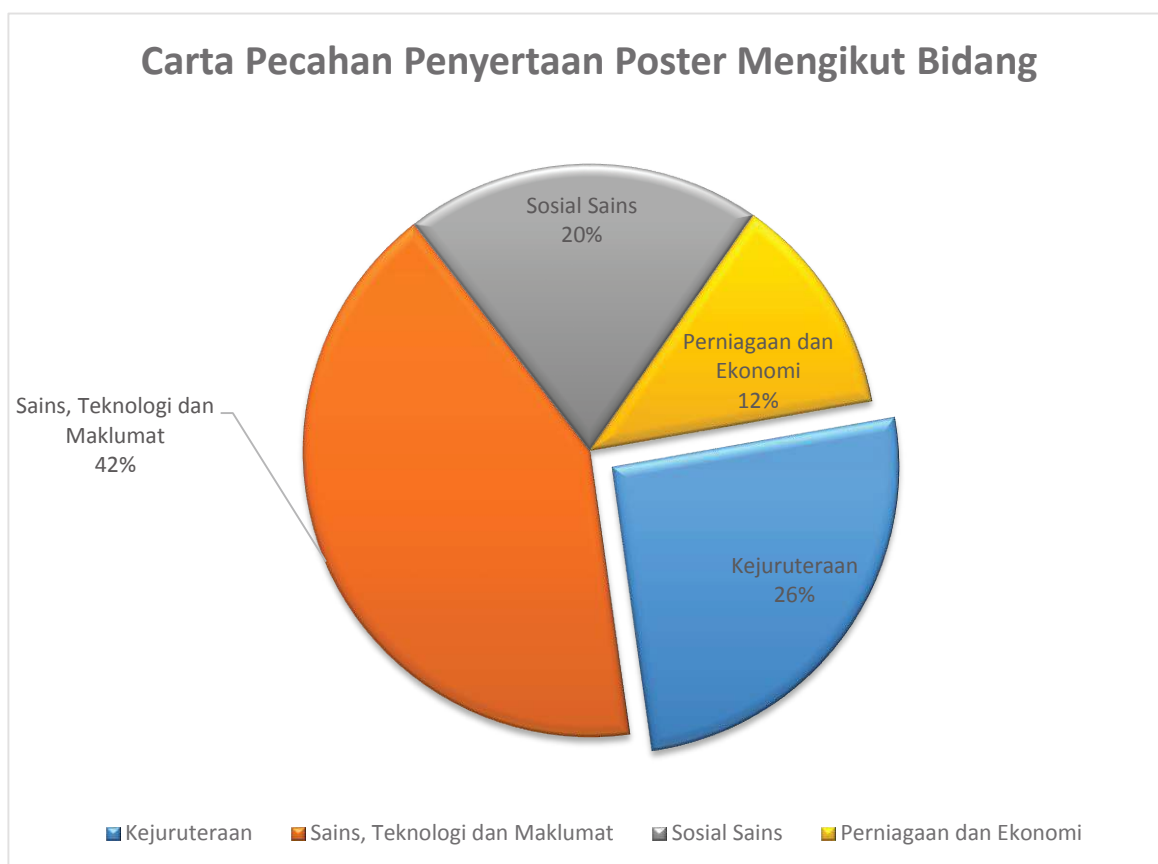
2.5.1 Peserta Poster

Jadual 2.2 menunjukkan bilangan peserta mengikut bidang iaitu kejuruteraan (57), Sains, Teknologi & Maklumat (97), Sains Sosial (45), Perniagaan dan Ekonomi (28). Peratus penyertaan poster mengikut bidang adalah seperti dalam Rajah 2.3:

Jadual 2.2: Peserta Pertandingan Poster Mengikut Bidang

Kategori	Bil. Peserta
Kejuruteraan	57
Sains, Teknologi dan Maklumat	97
Sains Sosial	45
Perniagaan dan Ekonomi	28

Rajah 2.3: Peratus Kehadiran Peserta Mengikut Kategori IPT



Jadual 2.3: Statistik Bilangan Peserta Persidangan dan Poster mengikut bidang dan IPT

BIL.	INSTITUSI	Kejuruteraan	Sains, Teknologi dan Maklumat	Sains Sosial	Perniagaan dan Ekonomi	Jumlah Peserta
1	Universiti Malaya (UM)	2	19	8	1	30
2	Universiti Kebangsaan Malaysia (UKM)	5	12	6	1	24
3	Universiti Islam Antarabangsa Malaysia (UIAM)	1	3	1	2	7
4	Universiti Malaysia Kelantan (UMK)	1	7	2	0	10
5	Universiti Teknikal Malaysia Melaka (UTeM)	9	3	0	9	21
6	Universiti Malaysia Pahang (UMP)	0	1	0	0	1
7	Universiti Malaysia Perlis (UniMAP)	2	2	1	0	5
8	Universiti Malaysia Sabah (UMS)	1	5	2	1	9
9	Universiti Malaysia Sarawak (UNIMAS)	1	2	0	1	4
10	Universiti Malaysia Terengganu (UMT)	2	9	2	1	14
11	Universiti Pendidikan Sultan Idris (UPSI)	0	1	2	2	5
12	Universiti Pertahanan Nasional Malaysia (UPNM)	7	0	0	0	7
13	Universiti Putra Malaysia (UPM)	4	3	2	3	12
14	Universiti Sains Islam Malaysia (USIM)	0	2	1	0	3
15	Universiti Sains Malaysia (USM)	4	5	2	0	11
16	Universiti Sultan Zainal Abidin (UNISZA)	0	7	3	0	10
17	Universiti Teknologi Malaysia (UTM)	2	2	4	2	10
18	Universiti Teknologi MARA (UiTM)	4	5	4	4	17
19	Universiti Tun Hussein Onn Malaysia (UTHM)	11	2	5	0	18
20	Universiti Utara Malaysia (UUM)	0	0	0	1	1
21	University Of Southampton	0	1	0	0	1
22	Monash University	0	1	0	0	1
23	Multimedia University (MMU)	1	0	0	0	1
24	Universiti Tenaga Nasional (UNITEN)	0	1	0	0	1
JUMLAH		57	93	45	28	223

2.5.2 Senarai Juri

Penilaian bagi pembentangan 223 poster adalah melibatkan seramai 20 juri yang dilantik dari UTeM (10), UTHM(9) dan UPNM(1). Senarai juri penyertaan poster adalah ditunjukkan dalam Jadual 2.4, 2.5, 2.6 dan 2.7.

Jadual 2.4: Senarai Juri - Kategori Kejuruteraan

Bil.	Senarai Nama Panel Juri	Universiti
1	Prof. Madya. Dr. Adnan bin Zainorabidin	UTHM
2	Dr. Muhammad Azani bin Yahya	UPNM
3	Prof Madya Dr. Mohammad Faiz Liew Abdullah	UTHM
4	Prof Madya Dr. Md Nizam bin Abd Rahman	UTeM
5	Prof Madya Dr. Zulkifli bin Mohd Rosli	UTeM
6	Prof Madya Dr. Zahriladha bin Zakaria	UTeM

Jadual 2.5: Senarai Juri - Kategori Sains, Teknologi dan Maklumat

Bil.	Senarai Nama Panel Juri	Universiti
1	Dr. Zahariah binti Zakaria	UTHM
2	Dr. Nurul Akma binti Emran	UTeM
3	Prof Madya Dr. Burhanuddin bin Mohd Aboobaider	UTeM
4	Prof Madya Dr. Abdul Mutalib	UTHM
5	Prof Madya Dr. Anika Zafiah binti Mohd Ros	UTHM
6	Dr. Mohd Shakir bin Mat Saat	UTeM

Jadual 2.6: Senarai Juri - Kategori Sosial Sains

Bil.	Senarai Nama Panel Juri	Universiti
1	Dr. Badarudin Ibrahim	UTHM
2	Dr. Muliati binti Sidek	UTeM
3	Dr. Hazmilah binti Hassan	UTeM
4	Prof Madya Dr. Raja Roslan Raja Abdul Rahman	UTeM
5	Prof Madya Dr. Hanipan Hussin	UTeM
6	Dr. Yusmarwati Yusof	UTHM

Jadual 2.7: Senarai Juri - Kategori Perniagaan dan Ekonomi

Bil.	Senarai Nama Panel Juri	Universiti
1	Dr. Mohd Lizam Mohd Diah	UTHM
2	Dr. Shafiee bin Mohamed Zabri	UTHM

2.5.3 Senarai Pemenang

Senarai 3 pemenang termasuk 1 penerima saguhati bagi setiap kategori mengikut bidang adalah ditunjukkan dalam Jadual 2.8 (Kejuruteraan), Jadual 2.9(Sains, Teknologi dan Maklumat), Jadual 2.10 (Sains Sosial) dan Jadual 2.11 (Perniagaan dan Ekonomi).

Jadual 2.8: Senarai Pemenang- Kategori Kejuruteraan

Kedudukan	Nama Pelajar	Institusi	Tajuk
Pertama	Mohd Farriz bin Basar	UKM	An Exploration on Reaction Water Turbine for Low Head Low Flow Pico Hydro
Kedua	Nur Munirah binti Abdullah	UTHM	Influence of Graphite on Electrical Properties of Biopolymer Composites
Ketiga	Rabiatuladawiyah binti Danial	UPM	Comprehensive Comparison Between Aluminium and Iron Electrodes Performance in Electrocoagulation Process for Glyphosate Removal from Aqueous Solution
Saguhati	Noraini binti Marsi	USM	Thermal Hysteresis of MEMS Packaged CPS Based 3C-SiC

Jadual 2.9: Senarai Pemenang- Kategori Sains, Teknologi dan Maklumat:

Kedudukan	Nama Pelajar	Institusi	Tajuk
Pertama	Noorsyarinah binti Sanudin	UMS	Feeding Activity and Eye Structure of <i>Litopenaeus vannamei</i> Post Larvae under Light and Dark Condition
Kedua	Maratun Najiha binti Abu Tahari	UKM	Long Chain Fatty Amine Impregnated on SiO ₂ for CO ₂ Adsorption/Desorption
Ketiga	Wan Nurul Khursyiah binti Wan Mohamad	UMT	Synthesis and phytotoxicity 1,4-Dihydropyridines derivatives via multicomponent reactions (MCRs)
Saguhati	Nurzeatul Hamimah binti Abd. Hamid	UNITEN	A Conceptual Norms' Trust Framework for Norms Adoption in Open Normative Multi-Agent Systems

Jadual 2.10: Senarai Pemenang- Kategori Sains Sosial

Kedudukan	Nama Pelajar	Institusi	Tajuk
Pertama	Muzalifah binti Monil	UNISZA	Preliminary study of Emotional Intelligence and Communication Satisfaction on Job Performance: A Study on Malaysian Hotel Industry
Kedua	Thipa Letchumy A/P Rajasa Kanan	UM	Reliability and Validity of the Malaysian (Malay) Version of Illness Perception Questionnaire for Schizophrenia (IPQS)
Ketiga	Ahmad Hassan Sallehudin bin Mohd. Sarif	UKM	Human Failure Events in the Operational of PUSPATI TRIGA Reactor
Saguhati	Rohayah binti Che Amat	UTM	The Values of Historic Urban Landscape Elements of George Town UNESCO World Heritage Site, Malaysia

Jadual 2.11: Senarai Pemenang- Kategori Perniagaan dan Ekonomi

Kedudukan	Nama Pelajar	Institusi	Tajuk
Pertama	Sheerad bin Sahid	UPSI	Enhancing The SME Business Performance: A Proposed Marketing Model for Malaysian SMES Firm
Kedua	Faridah binti Pardi	UiTM	A Conceptual Framework on Adjusted Net Saving Rate as the Indicator for Measuring Sustainable Development in Malaysia
Ketiga	Sayed Samer Ali Alshami	UTeM	Microfinance and Women Household in Urban Developing Countries: From the perspective of Malaysia
Saguhati	Siti Hajar binti Mohamad	UTeM	Customer Relationship Management Practices, Market Orientation and Food Manufacturer Performance: The Moderating Effects of Market Turbulence



PENGINAPAN DAN PENGANGKUTAN

3.0 Penginapan dan Pengangkutan Peserta

3.1 Tetamu VIP/Kehormat

Pusat Pengajian Siswazah (PPS), UTeM telah menguruskan segala keperluan penginapan dan pengangkutan bagi penceramah jemputan, panel dan jemputan lain. Jadual 3.1 menunjukkan senarai tetamu VIP dan VVIP yang menginap di hotel tersebut. Pihak PPS, UTeM juga telah menyediakan pengangkutan khas kepada tetamu VIP dan VVIP. Setiap VIP dan VVIP telah diiringi oleh seorang staf PPS UTeM yang bertanggungjawab menguruskan pengangkutan dari hotel ke UTeM di sepanjang persidangan tersebut.

Jadual 3.1: Senarai Tetamu VIP dan VVIP yang menginap di hotel

Hotel Equatorial, Melaka	Philea Resort & Spa, Melaka
1. Prof. Dr. D. P. Dash (Swinburne University of Technology, Sarawak)	1. -Prof Dato' Dr Mohd Noh bin Dalimin (Naib Canselor UTHM)
2. Prof Dr. Imran Ho Bin Abdullah (UKM)	
3. Prof Dr. Abdul Latif Bin Ahmad (USM)	
4. Prof. Iain L. Densten (Monash University)	
5. Prof Dato' Dr. Abu Bakar Bin Abdul Majeed (UiTM)	
6. Datin Dr. Norrizan Binti Razali (Microsoft Malaysia)	
7. Datin Paduka Siti Hamisah Binti Tapsir (KPM)	

3.2 Peserta

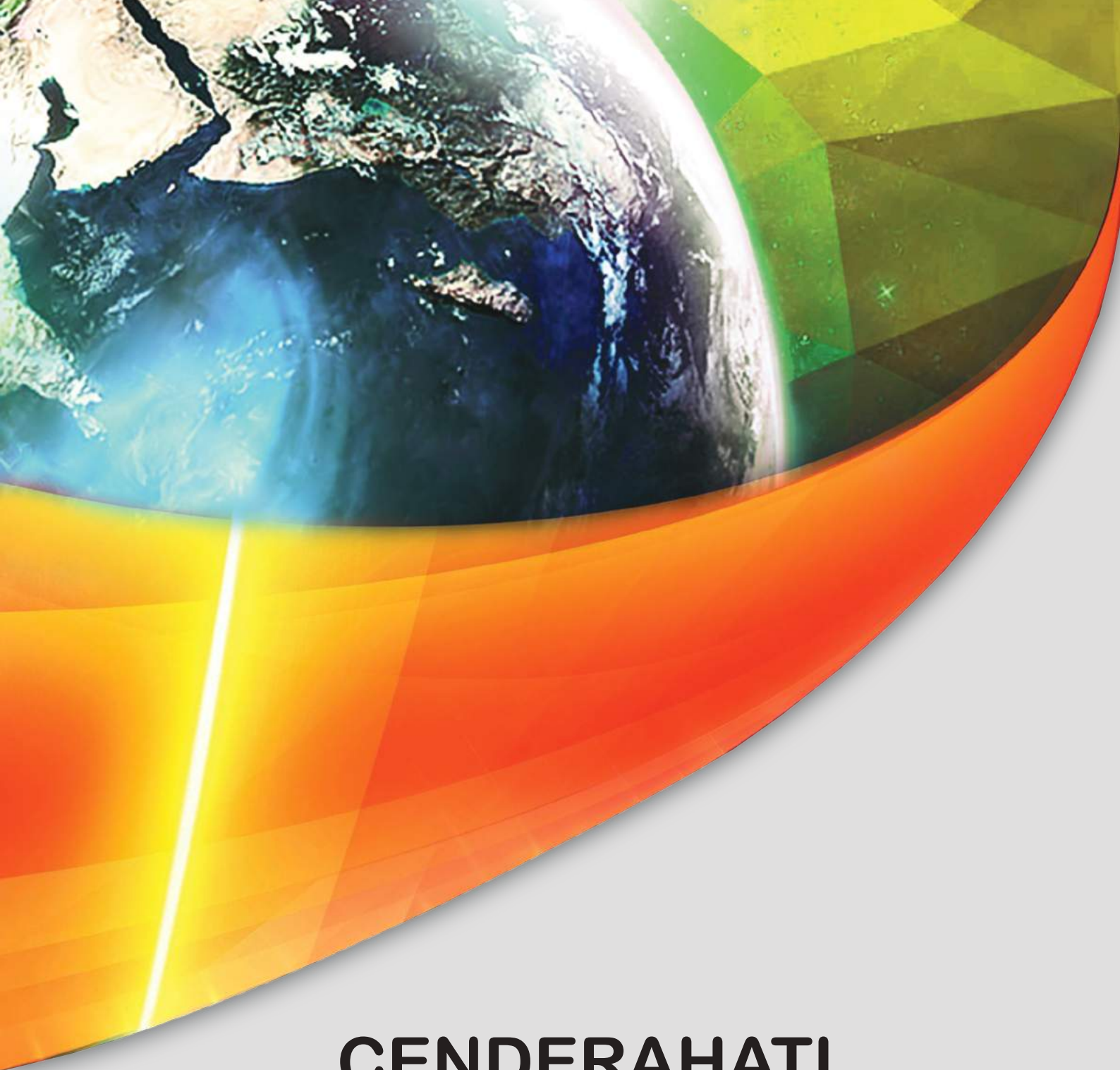
Tempahan penginapan peserta dibuat di Permaisuri Hotel, MITC Melaka melibatkan 2 jenis bilik iaitu:-

Bilik *Double* - 40 Bilik

Bilik *Triple* - 54 Bilik

Secara keseluruhannya, 80 buah bilik telah digunakan daripada jumlah keseluruhan 94 buah bilik. Dari segi statistik, 170 (76%) orang peserta menginap di hotel, manakala baki yang lainnya membuat tempahan sendiri kerana membawa keluarga bersama.

Pengangkutan bas UTeM juga disediakan kepada peserta sepanjang persidangan berlangsung.



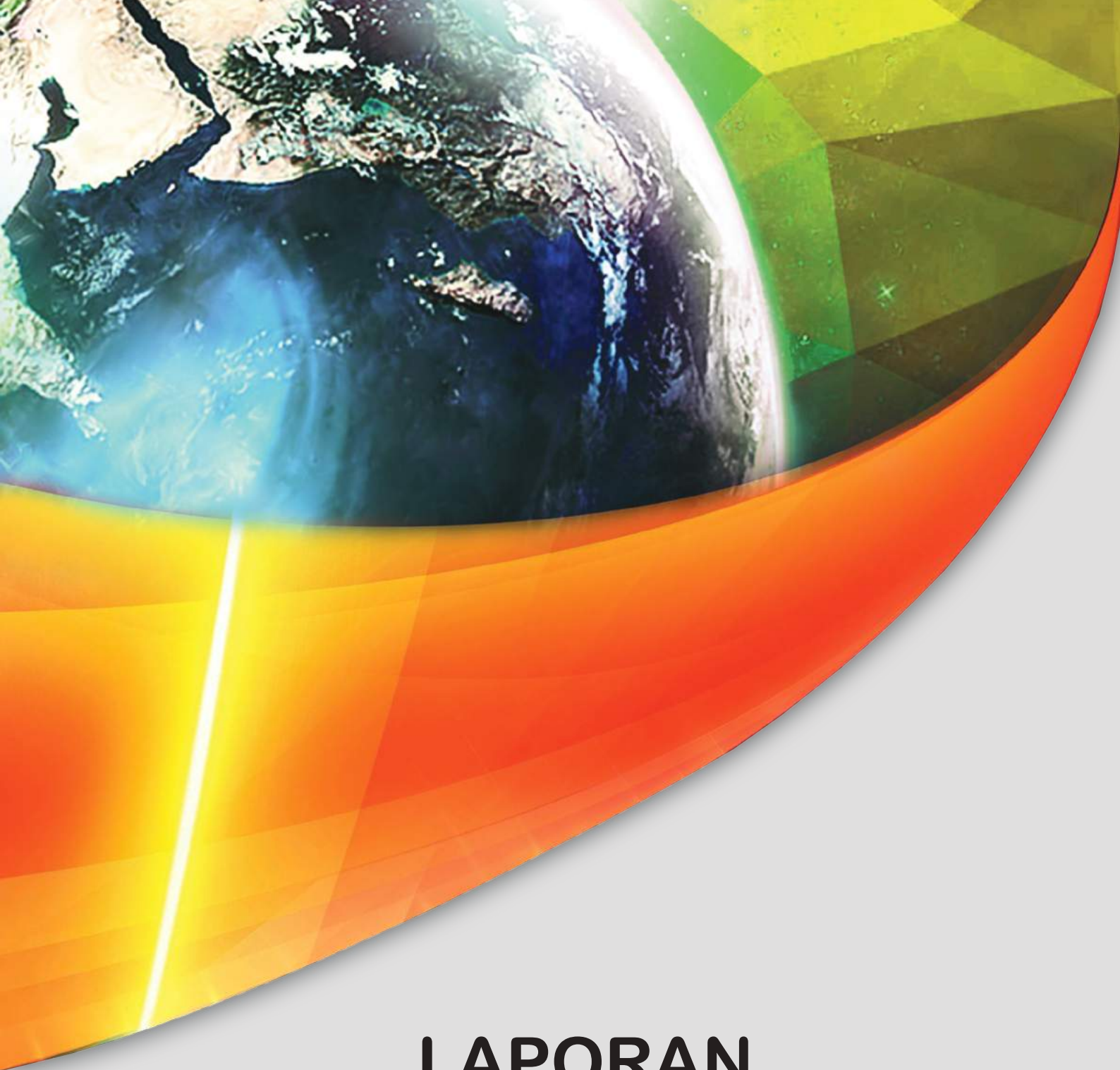
CENDERAHATI

4.0 Cenderahati

AJK Pendaftaran dan Hadiah telah ditugaskan untuk menyediakan cenderahati bagi tetamutetamu khas (VVIP), wakil Kementerian, penceramah dari dalam dan luar negara, juri pertandingan poster, pemenang serta ahli-ahli jawatankuasa persidangan yang terlibat secara langsung atau tidak langsung. Cenderahati yang disediakan adalah seperti berikut:

Bil	Kategori Nama Penerima	Kuantiti	Jenis Cenderamata
1.	<p>VVIP:</p> <p>i. YB. Datuk Wira Hj. Md Yunos bin Husin Exco Pelajaran, Pendidikan Tinggi, Sains dan Teknologi, Teknologi Hijau dan Inovasi</p> <p>ii. Prof. Datin Dr. Maryati bin Mohamed Wakil, Naib Canselor, UTHM</p>	<p>1</p> <p>1</p>	<p>Buku Ilmiah & Cenderahati Rasmi UTeM</p> <p>Beg Mengkuang & Produk Melaka</p>
2.	Tetamu Ahli MDPS- IPTA	30	Pen dan Mug
3.	<p>Wakil Kementerian:</p> <p>Datin Paduka Ir. Dr. Siti Hamisah binti Tapsir Timbalan Ketua Pengarah Jabatan Pengajian Tinggi</p>	1	Beg Mengkuang & Produk Melaka
4.	<p>Penceramah dalam dan luar negara (termasuk Pengerusi dan Panel Forum:</p> <p>i. Datin Paduka Ir. Dr. Siti Hamisah binti Tapsir - JPT</p> <p>ii. Prof, Dr. Imran Ho Abdullah - UKM</p> <p>iii. Prof. Dr. D.P. Dash Swinburne Universiti of Technology, Malaysia</p> <p>iv. Prof. Datin Dr. Maryati bin Mohamed - UTHM</p> <p>v. Prof. Dr. Abdul Latif bin Ahmad - USM</p> <p>vi. Prof. Iain Densten - Monash University Malaysia</p> <p>viii. Prof. Elsayed A. Orady University of Machigan – Dearbon</p> <p>ix. Datin Dr. Norrizan Razali Education Director at Microsoft Malaysia</p>	9	Buku Ilmiah dan Cenderahati Rasmi UTeM

5.	Sesi Dialog (Pengerusi, Panel & Pelapor) i. Prof. Dr. Mahzan bin Arshad - UPSI ii. Prof. Dato' Dr. Ahmad Shukri Mustapa Kamal – USM iii. Prof. Dr. Ramlee bin Mustapha – UPSI iv. Prof. Madya Dr. Nor Hasbiah bt. Ubaidullah – UPSI v. Dr. Nor Hafizah bt. Mohd Noor – UPSI vi. Prof. Dr. Zaidatun Tasir – UTM vii. Prof. Datin Dr. Maryati Mohamed – UTHM viii. Prof. Madya Dr. Aminah bt. Md. Yusof ix. Prof. Madya Dr. Ismail bin Said	10	Buku Ilmiah dan Cenderahati Rasmi UTeM
6.	Juri Pertandingan Poster: i. Ahli Akademik UTeM ii. Ahli Akademik UTHM	10 4	Buku Ilmiah Buku Ilmiah dan Cenderahati Rasmi UTeM
7.	Pengacara Majlis Utama dan Pengerusi Ucaptama	6	Buku Ilmiah
8.	Pemenang Pertandingan Poster	16	Replika Cek dan Sijil
9.	Ahli-ahli Jawatankuasa Persidangan	74	Sijil Penghargaan dan Cenderahati Pen



LAPORAN KEWANGAN

		1,000.00		
		450.00		
		1,800.00		
		3,800.00		7,050.00
		4,000.00		
		2,000.00		
		1,200.00		
		400.00		7,600.00
		500.00		500.00
		1,200.00		
		720.00		
		1,500.00		
		2,100.00		
		1,636.00		
		1,350.00		8,506.00
		2,000.00		2,000.00
		6,900.00		
		9,942.50		16,842.50
		37.00		
		45.00		
		2.20		
		50.20		
		875.00		
		240.00		1,249.40

Saguhati

Saguhati Penceramah
Saguhati JK Teknikal Penerbitan Jurnal
Saguhati Editorial Board
Saguhati Reviewer

Hadiah Poster Terbaik

RM 1000X4 Orig
RM 500 X 4 Orig
RM 300 X 4 Orig
RM 100 X 4 Orig

Montaj

Cetakan

Banner dan Bunting
Sijil peserta dan JK ICPE-6 2014
Lanyard
Buku Program
Cetakan Buku Laporan ICPE-6 (30 Unit)
CD Prosiding

Penerbitan

40 artikel jurnal di UTM

Sewaan

Display Board
Dewan Besar UTeM

Lain-Lain Perbelanjaan

Bayaran Tol ke Kuala Lumpur untuk pembelian Buku Cenderahati
Pembelian Plastik Sijil
Pembelian kertas warna
Pembelian Riben
Mineral Water
Pembelian Velcro Tape

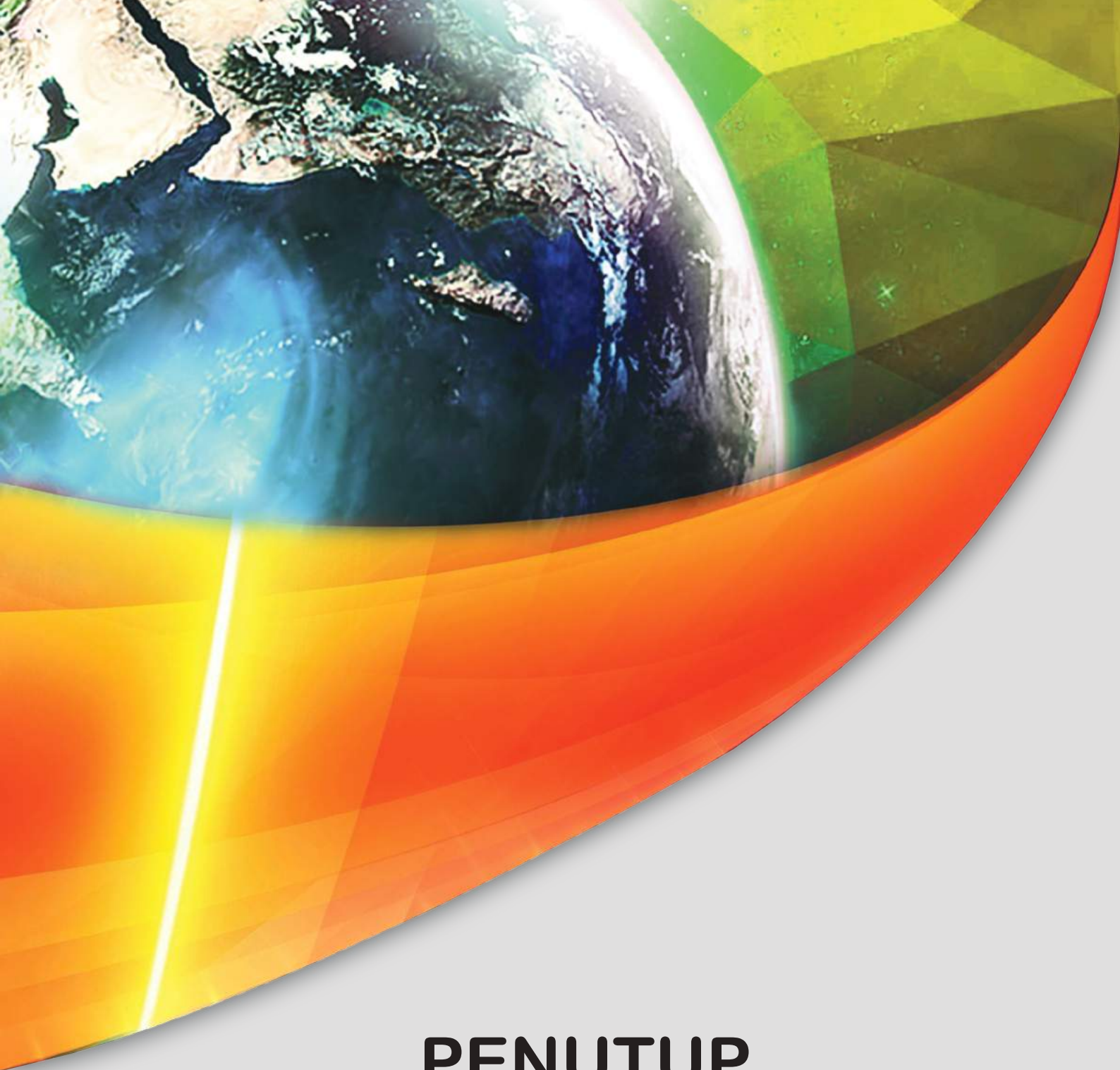
Jumlah Perbelanjaan	b)			118,090.26
Baki Persidangan	(c)=(a)-(b)			20,000.08
Pindahan Lebihan Kepada IPT yang Menjadi Penganjur ICPE-7	(d)			20,000.08
Baki Akhir	(e) = (c) - (d)			0.00

5.1 Ulasan Peruntukan dan Baki Akhir

(i) Jumlah peruntukan yang diperolehi dalam penganjuran persidangan ICPE-6 adalah berjumlah RM138,090.34. Manakala anggaran perbelanjaan adalah sebanyak RM118,090.26.

(ii) Jumlah pendapatan berdasarkan yuran persidangan di bayar oleh peserta tanpa tajaan adalah berjumlah RM8,000

(iii) Anggaran baki persidangan adalah RM20,000.08 yang akan dibawa untuk penganjuran persidangan ICPE-7.



PENUTUP

6.0 Penutup

Penganjuran bersama ICPE-6 2014 oleh Pusat Pengajian Siswazah (PPS), Universiti Teknikal Malaysia Melaka (UTeM) dan PPS, Universiti Tun Hussein Onn Malaysia (UTHM) dengan kerjasama Majlis Dekan Pengajian Siswazah Pengajian Tinggi Awam Malaysia (MDPS) berserta dengan Kementerian Pendidikan Malaysia (KPM) pada 17 hingga 18 Disember 2014 di Dewan Besar UTeM Berjaya mencapai objektifnya dengan menarik 223 penyelidik dalam empat bidang utama iaitu Kejuruteraan, Sains, Teknologi dan Maklumat, Sains Sosial, dan Perniagaan dan Ekonomi. Penglibatan peserta dalam dan luar negara dari 20 Universiti awam dan 4 Universiti swasta menunjukkan komitmen yang tinggi terhadap persidangan ini. Hasil daripada komitmen terhadap persidangan ini, sebanyak 40 jurnal telah diterbitkan dalam Jurnal Teknologi, Universiti Teknologi Malaysia (UTM).

Di samping itu, persidangan telah berjaya menarik enam ucap tama dalam kalangan profesional bertaraf antarabangsa dan seterusnya dapat menyumbang kepada perkongsian ilmu baru, meningkatkan kualiti penyelidikan, penyeliaan dan penerbitan berimpak tinggi melalui pembentangan isu-isu atau topik berkaitan pasca siswazah dan penyelidikan.

Tuntasnya, persidangan ini adalah sebagai pentas bagi penyelidik dari universiti awam dan juga swasta, sama ada pelajar atau pensyarah untuk berkongsi hasil dapatan penyelidikan mereka pada peringkat antarabangsa. Hasil dapatan dan maklumbalas daripada persidangan ini boleh membantu universiti awam, swasta dan KPM dalam menambahbaik dasar sedia ada dan juga sebagai input dalam menyediakan perancangan dan pembangunan lestari pengajian siswazah ke arah menjadikan Malaysia sebagai hub kecemerlangan pendidikan tinggi.



Lampiran 1

KERTAS KERJA PERMOHONAN

Kertas Kerja MDPS Bil 35 /2014

KERTAS KERJA
PERSIDANGAN ANTARABANGSA KEENAM PENGAJIAN SISWAZAH
The 6th INTERNATIONAL CONFERENCE on POSTGRADUATE
EDUCATION (ICPE-6 2014)

KERTAS KERJA
PERSIDANGAN ANTARABANGSA KEENAM PENGAJIAN SISWAZAH
The 6th INTERNATIONAL CONFERENCE on POSTGRADUATE EDUCATION
(ICPE-6 2014)

1. Pendahuluan

Siri persidangan antarabangsa ini dianjurkan oleh Majlis Dekan Pengajian Siswazah Institut Pengajian Tinggi Awam (IPTA) Malaysia dengan dianjurkan oleh IPTA yang dipilih serta dengan kerjasama Kementerian Pengajian Tinggi Malaysia (KPT).

Persidangan pertama dijayakan oleh Universiti Malaya pada tahun 2004 dengan tema '*Governance of Postgraduate Education in the 21st Century*'. Persidangan kedua telah dihoskan oleh Universiti Malaysia Sarawak pada 2006 dengan tema '*Effective Management for Quality Postgraduate*'.

Manakala pada tahun 2008 Persidangan *The 3rd International Conference on Postgraduate Education* (ICPE-3) pula bertemakan '*Postgraduate Research: Multidisciplinary Perspective*' yang dianjurkan oleh Institut Pengajian Siswazah, Universiti Sains Malaysia (USM) pada 16-17 Disember 2008.

Persidangan *The 4th International Conference on Postgraduate Education* (ICPE-4) pula telah dijayakan oleh UKM-Graduate School of Business (UKM-GSM), Universiti Kebangsaan Malaysia dengan temanya bertajuk "*Globalisation and Liberalisation of Postgraduate Education*" pada 26-28 November 2010 bertempat di Cititel Mid Valley, Mid Valley City, Kuala Lumpur.

Manakala pada tahun 2012 persidangan *The 5th International Conference on Postgraduate Education* (ICPE-5) pula bertemakan "*Current Trends in*

Postgraduate Education" yang dianjurkan oleh Universiti Teknologi Malaysia (UTM) dan Pusat Pengajian Siswazah (PPS), Universiti Tun Hussein Onn Malaysia (UTHM) pada 18-19 Disember 2012.

2. Tajuk dan Tema Persidangan

Tajuk persidangan: *The 6th International Conference on Postgraduate Education*.

Tema persidangan: ***"Transforming the Frontiers towards Sustainable Postgraduate Education"***

Singkatan dan sebutan ringkas nama persidangan ialah ***ICPE – 6***

3. Tarikh

Pada hari Rabu dan Khamis, 17 – 18 Disember 2014.

4. Tempat

Persidangan ini akan diadakan di Dewan Besar UTeM.

5. Tuan Rumah

Tuan rumah bagi persidangan ini ialah Pusat Pengajian Siswazah (PPS), Universiti Teknikal Malaysia Melaka (UTeM) dan Pusat Pengajian Siswazah (PPS), Universiti Tun Hussein Onn Malaysia (UTHM).

6. Objektif Persidangan

Antara objektif persidangan ini ialah:-

- j. Untuk memberi ruang kepada semua yang terlibat dalam pengajian tinggi/siswazah berhimpun dan bertukar-tukar pengalaman dan kepakaran.
- ii. Untuk mengadakan suasana ilmunan yang dapat memberikan peluang yang baik untuk pentadbir IPTA/IPTS, para akademik dan pelajar menilai isu-isu dan cabaran-cabaran yang dihadapi bersama.
- iii. Sebagai forum bagi pengurusan/pentadbir IPTA/IPTS berbincang dan bertukar fikiran untuk meningkatkan keupayaan universiti dalam menyediakan prasarana yang optima untuk pengajian siswazah.
- iv. Sebagai pelantar untuk para pelajar siswazah berhimpun membina rangkaian ilmunan melalui perbincangan dan sumbang saran.
- v. Menyediakan platform perhimpunan bagi pelajar siswazah dari IPTA/IPTS meliputi pelajar tempatan dan pelajar luar Negara yang menuntut di IPTA tempatan.
- vi. Persidangan ini berfungsi sebagai pentas bagi penyelidik dari IPTA/IPTS Malaysia, sama ada pelajar atau pensyarah berkongsi hasil dapatan penyelidikan mereka pada peringkat antarabangsa;
- vii. Hasil dapatan dan maklumbalas daripada persidangan ini boleh membantu IPTA/IPTS dan Kementerian Pendidikan Malaysia dalam menambahbaik dasar sedia ada dan juga sebagai input dalam menyediakan perancangan dan pembangunan lestari pengajian siswazah ke arah menjadikan Malaysia sebagai hub kecemerlangan pendidikan tinggi.

7. Jawatankuasa

Penaung: Y.B. Menteri Pendidikan Malaysia

Penasihat: Naib Canselor

Universiti Teknikal Malaysia Melaka (UTeM) &
Universiti Tun Hussein Onn Malaysia (UTHM)

7.1 Jawatankuasa Induk UTeM Bersama UTHM

j. Bidang Tanggungjawab (tidak berhad kepada senarai di bawah):-

- (f) Menetapkan perkara dasar berkaitan persidangan;
- (g) Menentukan halatuju persidangan;
- (h) Menentukan hal-hal berkaitan kewangan meliputi pendapatan dan perbelanjaan;
- (i) Promosi persidangan;
- (j) Menetapkan tempat, tarikh dan program persidangan

ii. Keahlian

Pengerusi 1 : Prof. Dr. Mohd Razali Bin Muhamad (UTeM)

Pengerusi 2 : Prof. Dr. Ahmad Shakri Mat Seman (UTHM)

Timb. Pengerusi 1: Dr. Shajahan Bin Maidin (TD PPS UTeM)

Timb. Pengerusi 2: Prof. Madya Dr. Chan Chee Ming (TD A&P UTHM)

Setiausaha 1: En. Mohd Adznan Bin Mohd Nayan – PP, PPS, UTeM

Setiausaha 2: En. Mohd Sani Bin Mohd Sha'ari – PPK, PPS, UTHM

Bendahari 1 : En. Khairul Bin Taib - Bendahari UTeM

Bendahari 2 : En. Misro bin Jerut - Bendahari UTHM

Ahli :

Prof. Madya Dr Mohd Rizal Bin Salleh
Dekan Fakulti Kejuruteraan Pembuatan, UTeM

Engr. Profesor Dr. Marizan Bin Sulaiman
Dekan Fakulti Kejuruteraan Elektrik, UTeM

Engr. Dr. Noreffendy Bin Tamaldin
Dekan Fakulti Kejuruteraan Mekanikal, UTeM

Prof. Madya Dr Mohd Khanapi Bin Abd Ghani
Dekan Fakulti Teknologi Maklumat dan Komunikasi,
UTeM

Prof. Madya Dr Abdul Rani Bin Othman
Dekan Fakulti Kejuruteraan Elektrik dan Kejuruteraan
Komputer, UTeM

Prof. Madya Dr Md.Nor Hayati Bin Tahir
Dekan Fakulti Pengurusan Teknologi dan
Keusahawanan, UTeM

Dr. Mariana Binti Yusoff
Dekan Pusat Bahasa Dan Pembangunan Insan, UTeM

Prof. Madya Dr. Abd Halid bin Abdullah
Dekan Fakulti Kejuruteraan Awam & Alam Sekitar,
UTHM

Profesor Ir. Dr. Zainal Abidin bin Ahmad
Dekan Fakulti Kejuruteraan Elektrik & Elektronik, UTHM

Prof. Madya Dr Yusri bin Yusof
Dekan Fakulti Kejuruteraan Mekanikal & Pembuatan,
UTHM

Prof. Madya Dr. Sr. David Martin @ Daud Juanil
Dekan Fakulti Pengurusan Teknologi dan Perniagaan,
UTHM

Prof. Madya Dr. Razali bin Hassan
Dekan Fakulti Pendidikan Teknikal dan Vokasional,
UTHM

Prof. Madya Dr. Nazri Bin Mohd Nawi
Dekan Fakulti Sains Komputer Dan Teknologi Maklumat,
UTHM

Dr. Mohamad Zaky bin Noh
Menjalankan Tugas Dekan Fakulti Sains, Teknologi dan
Pembangunan Insan, UTHM

Prof. Madya Dr. Sh. Salleh bin Sh. Ahmad
Dekan Pusat Pembangunan Akademik, UTHM

En. Affindi Bin Abu Bakar
Pengarah Keselamatan – UTEm

En. Yusoff bin Romli
Ketua Keselamatan – UTHM

LAR. Abdul Wahab Bin Harun
Pengarah Pembangunan – UTeM

Pn. Suprihartati Murni Lestari binti Sutekno (Bahagian
Pembangunan) – UTHM

En. Mohd Rosli bin Harun (Bahagian Pengurusan Fasilitas)
– UTHM

Fazidah Bte Ithnin
Pejabat Perancangan Dan Komunikasi Korporat– UTeM

En. Shafry bin Salim
Pegawai Perhubungan Awam – UTHM

En. Zainal Bin Bidin
Pengarah Khidmat Pengurusan – UTeM

Pn. Ruziah Binti Ali
Penerbit UTeM

Prof. Madya Dr. Rozilah binti Kasim
Penerbit UTHM

7.2 Jawatankuasa Kerja dan Teknikal

i) Keahlian

Memandangkan UTeM dan UTHM sebagai tuan rumah persidangan, Jawatankuasa Teknikal terdiri daripada kalangan staf Pusat Pengajian Siswazah (PPS), UTeM dan juga Pusat Pengajian Siswazah (PPS), UTHM.

Pengerusi 1: Dr. Shajahan Bin Maidin (TD PPS UTeM)

Pengerusi 2: Prof. Madya Dr. Chan Chee Ming (TD A&P PPS UTHM)

Timbalan Pengerusi: Prof. Madya Dr. Ahmad Jais Alimin
(TD HEP PPS UTHM)

Setiausaha 1: En. Mohd Adznan Bin Mohd Nayan (PP PPS, UTeM)

Setiausaha 2: En. Mohd Sani Bin Mohd Sha'ari (PPK PPS, UTHM)

Bendahari 1 : En. Mohd Azrin Bin Ismail, PPS, UTeM

Bendahari 2 : En. Lutfi Bin Jaes, PPS, UTHM

ii) Jawatankuasa Kecil

Jawatankuasa kecil terdiri daripada beberapa unit dari kalangan staf UTeM dan juga UTHM adalah seperti jadual di bawah.

LAPORAN Persidangan Antarabangsa Pengajian Siswazah Kali Ke-6

Unit	Bidang Tugas	Keahlian	Nama Ahli
Unit Teknikal , logistik dan keselamatan	7. Tempahan dewan 8. Susunatur pentas dan dewan. 9. Tempahan kenderaan 10. Audio/visual 11. Tempahan Hotel VIP 12. Berhubung dengan Pihak keselamatan	UTeM	Dr. Azmi Bin Awang Md Isa Timbalan Dekan (Penyelidikan & Pengajian) FKEKK, UTeM Prof. Madya Ir. Dr. Rosli Bin Omar Timbalan Dekan (Penyelidikan & Pengajian) FKE, UTeM Prof. Madya Eng. Dr. Hambali Bin Arep@Ariff Timbalan Dekan (Penyelidikan & Pengajian) FKP, UTeM Pelajar siswazah, UTeM 1. Mustafa Musa Jaber Ph.D Candidate (UTeM) hp - 0149016135
Unit Program dan Protokol	9. Menguruskan program persidangan – pembukaan dan penutupan 10. Tag nama 11. Membuat teks ucapan 12. Aturcara majlis 13. Pengerusi majlis. 14. Sambut tetamu	UTeM	Prof. Madya Dr Burhanuddin Bin Mohd Aboobaider Timbalan Dekan (Penyelidikan & Pengajian) FTMK, UTeM Dr. Musthafah Bin Mohd Tahir Timbalan Dekan (Penyelidikan & Pengajian) FKM, UTeM
	15. Pengiring 16. Mengurus gimik perasmian persidangan		Pelajar siswazah, UTeM 1. Rose Lew Ai Fen - FPTT 019-664 1632 2. Suharni Binti Rahmat - FPTT 017-885 2845
Unit Penerbitan & Program	9. Pembangunan Portal 10. Menguruskan penerbitan kertas kerja 11. Poster / Pamphlet / Banner / Banting 12. Buku program 13. Piawaian poster & kertas kerja persidangan 14. Mengenalpasti dan menghubungi penceramah ucaptama persidangan 15. Surat rasmi jemputan VIP dan penceramah 16. Percetakan Prosiding , Buku program	UTHM	Prof. Madya Dr. Mustaffa bin Hj. Ibrahim Fakulti Kejuruteraan Mekanikal dan Pembuatan, UTHM Prof. Madya Dr. Khalid Bin Hasnan Ketua Jabatan (<i>Master of Science in Railway Engineering</i>), UTHM Prof. Madya Dr. Zainal Alam Bin Haron Ketua Jabatan (<i>Master of Science in Nuclear Engineering</i>), UTHM Prof. Madya Dr. Adnan bin Zainorabidin Fakulti Kejuruteraan Awam dan Alam Sekitar, UTHM Prof. Madya Dr. Mohammad Faiz Liew b. Abdullah Fakulti Kejuruteraan Elektrik dan Elektronik , UTHM

			<p>Prof. Madya Dr. Mohd Kamarulzaki bin Mustafa Fakulti Sains, Teknologi dan Pembangunan Insan, UTHM</p> <p>Dr. Badaruddin bin Ibrahim Fakulti Pendidikan Teknikal Dan Vokasional, UTHM</p> <p>Dr. Mohd Farhan bin Mohd Fudzee Fakulti Sains Komputer dan Teknologi Maklumat, UTHM</p>
Unit Publisiti dan Promosi	<ol style="list-style-type: none"> 4. Mempromosi simposium 5. Melaksanakan press conference 6. Berkomunikasi bersama media 	UTeM & UTHM	<p>En. Shamsuri Bin Mohd Saad Timbalan Dekan (Penyelidikan & Pengajian) PBPI, UTeM</p> <p>TDP Semua Fakulti</p>
Unit Pendaftaran dan Hadiah	<ol style="list-style-type: none"> 4. Daftar – rekod pendaftaran peserta, penerimaan yuran, resit 5. Sijil dan cenderahati 6. Fail peserta 	UTeM	<p>En. Mohd Adznan Bin Mohd Nayan - PPS, UTeM</p> <p>En. Mohd Nizam Bin Bidin- PPS, UTeM</p> <p>En. Mohd Suhairi Bin Mohd Saad- PPS, UTeM</p>
			<p>Pn. Osfa Irda Binti Othman</p> <p>Tiga orang pelajar siswazah, UTeM</p>
Unit Jamuan	<ol style="list-style-type: none"> 5. Kenalpasti kawasan utk minum pagi dan makan tengahari bagi penceramah, peserta luar & staf, pelajar. 6. Susunatur meja dan penempatan makanan dan minuman 7. Menu 8. Air mineral sepanjang persidangan 	UTeM	<p>Pn. Norsuhada Binti Mansor- PPS, UTeM</p> <p>En. Mohd Azrin Bin Ismail- PPS, UTeM</p> <p>En. Mohd Safuan Bin Bidin- PPS, UTeM</p> <p>En. Syaridan Bin Shaarani- PPS, UTeM</p> <p>Pn Siti Fairus Binti Abu Bakar</p> <p>Tiga orang pelajar siswazah, UTeM</p>

<p>Unit Demo dan Pameran</p>	<p>3 Menguruskan pameran poster</p>	<p>UTHM</p>	<p>Prof. Madya Dr. Khalid Bin Hasnan Ketua Jabatan (<i>Master of Science in Railway Engineering</i>), UTHM</p> <p>Prof. Madya Dr. Zainal Alam Bin Haron Ketua Jabatan (<i>Master of Science in Nuclear Engineering</i>), UTHM</p> <p>Prof. Madya Dr. Adnan bin Zainorabidin Fakulti Kejuruteraan Awam dan Alam Sekitar, UTHM</p>
	<p>4 Menguruskan booth pameran pendidikan</p>		<p>Prof. Madya Dr. Mohammad Faiz Liew b. Abdullah Fakulti Kejuruteraan Elektrik dan Elektronik, UTHM</p> <p>Dr. Mohd Lizam bin Mohd Diah Fakulti Pengurusan Teknologi dan Perniagaan, UTHM</p> <p>Dr. Badaruddin bin Ibrahim Fakulti Pendidikan Teknikal Dan Vokasional, UTHM</p> <p>Dr. Mohd Farhan bin Mohd Fudzee Fakulti Sains Komputer dan Teknologi Maklumat, UTHM</p>

8.0 Butir-butir Persidangan

8.1 Peserta

Peserta dianggarkan adalah seramai 450 orang dari dalam dan luar negara. Peserta terdiri dari tiga kategori yang khusus iaitu pentadbir institusi pengajian tinggi (IPTA)/IPTS, ahli akademik dan pascasiswazah semua IPTA /IPTS.

8.2 Mod Persidangan

Persidangan akan dibahagikan kepada sesi plenari, pembentangan kertas kerja ucaptama (staf akademik & mahasiswa pasca siswazah), pembentangan poster, pameran pendidikan IPTA/IPTS/KPT serta kemudahan biasiswa di bawah penajaan KPT (MyBrain 15) Persidangan ini akan merangkumi tema-tema seperti berikut:

- a) *New Route to PhD (Ex: Double PhD; Joint Degree dll)*
- b) *Internationalisation*
- c) *Multidisciplinary PhD*
- d) *Industrial PhD*
- e) *Graduate Student Supervision*
- f) *Quality Assurance in Postgraduate Education*
- g) *Industrial Collaborations*
- h) *International research funding*
- i) *Entrepreneurships*
- j) *High Impact Journal Publication*
- k) *Others*

8.3 Pembentangan Poster

Pembentangan poster akan dibuka kepada 4 bidang utama iaitu Kejuruteraan, Sains dan Teknologi, Sains Sosial, Perniagaan dan Ekonomi

8.4 Program

Hari Pertama 17 Disember 2014 (Rabu)	
08:15 – 09:00 am	Pendaftaran Peserta
09:00 – 09:05 am	Nyanyian Lagu Negara Ku & Bacaan Doa
09:05 – 09:10 am	Ucapan Alu-Aluan Prof. Dr. Mohd Razali Bin Muhamad Dekan Pusat Pengajian Siswazah, UTeM
09:10 – 09:15 am	Ucapan Alu-Aluan Naib Canselor, UTeM
09:15 – 10:00 am	Ucaptive Persidangan 1
10:00 – 10:30 am	Minum Pagi
10.30 – 11.15 am	Ucaptive Persidangan 2
11:15 – 12:00 pm	Ucaptive Persidangan 3
12:00 – 02:00 pm	Makan Tengahari (Poster)
02.00 – 03:00 pm	Ucaptive Persidangan 4 - wakil daripada University antarabangsa
03:00 – 05:00 pm	Forum
05:00 – 05:30 pm	Minum petang
05:30 - 08:00 pm	Rehat
08:00 – 10:00 pm	Perasmian Persidangan & Jamuan Makan malam
Hari Kedua 18 Disember 2014 (Khamis)	
08:30 – 09:00 am	Pendaftaran Peserta
09:00 – 09:45 am	Ucaptive Persidangan 5
09:45 – 10:15 am	Minum Pagi
10:15 – 11:00 am	Ucaptive Persidangan 6
11:00 – 12:00 pm	Ucaptive Persidangan 7
12.00 – 02:00 pm	Makan Tengahari (Poster)
02:30 – 04:30 pm	Dialog
04:30 – 05:00 pm	Penutup Persidangan
05:00 – 05:30 pm	Minum petang

8.5 Bahasa Persidangan

Bahasa yang akan digunakan untuk persidangan ini ialah Bahasa Inggeris.

8.6 Kewangan

8.6.1 Sumber kewangan adalah gabungan sumbangan:

- i) Kementerian Pendidikan Malaysia (KPM)
- ii) Yuran pendaftaran peserta (Pelajar/ Staf)
- i) Sumbangan IPTA / IPTS

8.6.2 Implikasi kewangan

Maklumat terperinci Implikasi Kewangan / Anggaran Bajet ICPE 6 adalah sepertimana di **Lampiran A**.

8.7 Yuran Pendaftaran

	Universiti Tempatan	Universiti Antarabangsa
Peserta	RM1000	RM1225.00 (USD350)
Pelajar IPTA / IPTS	RM500	RM1000.00 (USD230)
Pameran Pendidikan	RM2000.00	

8.8 Tarikh-tarikh Penting

Perkara	Tarikh
Hantar Kertas Kerja ke KPM	8 Mei 2014
Kelulusan Kertas Kerja dari KPM	26 Mei - 13 Jun 2014
Promosi / <i>Call for paper</i>	16 Jun 2014
<i>Submission of Full Papers</i>	17 Jun - 14 November 2014
<i>Notification of Acceptance</i>	1 Julai - 21 November 2014
<i>Registration Deadline</i>	28 November 2014
<i>Conference Day</i>	17 - 18 Disember 2014

8.9 Cadangan Perasmian

Perasmi untuk Program ICPE-6 yang dicadangkan oleh Urusetia Penganjur adalah Ketua Setiausaha II Kementerian Pendidikan (Pengajian Tinggi).

8.10 Cadangan *Keynote Speaker*

Beberapa orang *Keynote Speaker* telah dicadangkan akan dijemput untuk membentangkan kertas kerja di ICPE-6 ini oleh Urusetia Penganjur.

9.0 Penutup

ICPE-6 berupaya menjadi pemangkin dalam meningkatkan mutu penyelidikan yang dihasilkan oleh Institusi Pengajian Tinggi. Dalam masa yang sama, ICPE-6 berfaedah kepada semua pihak yang berkepentingan dalam pengajian tinggi terutamanya yang melibatkan pengajian siswazah dan berkongsi idea serta pemikiran dalam memajukan pengajian siswazah khususnya dalam peningkatan kualiti penyeliaan, penerbitan dan penyelidikan.

Disediakan oleh:

Pusat Pengajian Siswazah,
Universiti Teknikal Malaysia Melaka
Tarikh disediakan : 29 April 2014

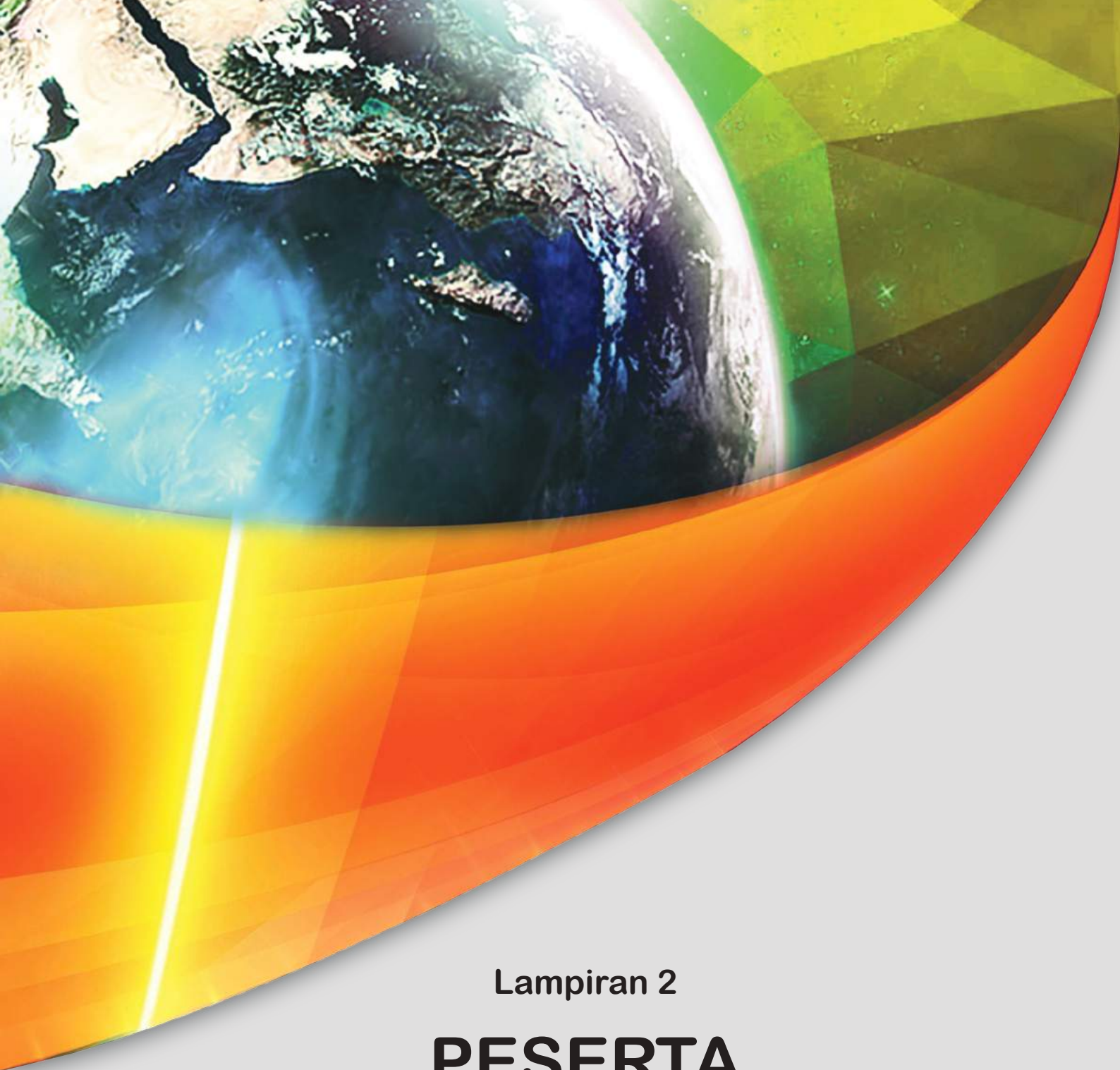
Lampiran A**ANGGARAN PERBELANJAAN ICPE 6****(A) Sumber Pendapatan**

No.	Perkara	Harga Per Unit (RM)	Jumlah (Bil)	Jumlah (RM)
1.	Sumbangan KPM (Pelajar IPTA)	500.00	RM500 x 240 orang	120,000.00
2.	Yuran Pendaftaran Pelajar IPTS	500.00	RM500 x 30 orang	15,000.00
3.	Yuran Pendaftaran Pelajar luar negara	1000.00	RM1000 x 20 orang	20,000.00
4.	Yuran Pendaftaran Peserta Tempatan	1000.00	RM1000 x 30 orang	30,000.00
5.	Yuran Pendaftaran Peserta luar negara	1225.00	RM1225 x 20 orang	24,500.00
6.	Pameran Pendidikan		KIV	
7.	Baki Peruntukan ICPE 5 (2012)	-	RM 10,090.34	10,090.34
JUMLAH BESAR				219590.34

(B) Tentatif Kos Perbelanjaan Program & Logistik

No.	Perkara	Harga Per Unit (RM)	Jumlah (Bil) (RM)	Jumlah (RM)
1.	Rekabentuk e-brosur	400.00	RM400.00	400.00
2.	Kain Rentang / Banner	300.00	RM300.00 x 6 unit	1,800.00
3.	Bunting	30.00	RM30.00 x 15 unit	450.00
4.	Beg Persidangan (UTeM , UTHM & KPM)	40.00	RM40.00 x 450 unit	18,000.00
5.	Prosiding (CD)	1.00	RM1.00 x 450 unit	450.00
6.	Buku Program / Abstrak	3.00	RM3.00 x 450 unit	1,350.00
7.	Promosi & Publisiti ICPE & Pameran (Pengiklanan 4 kali)	5,000	RM5,000 x 4 kali	20,000.00
8.	Makanan & Minuman Seminar (3 kali) x 2 hari Nota: (*Semua Peserta ICPE , AJK & Staf Pameran)	30.00	RM30.00 x 2 hari x 500 orang	30,000.00
9.	Majlis Makan Malam Persidangan ICPE 6 (Hotel)	80.00	RM80.00 x 500 orang	40,000.00
10.	Tiket / perjalanan Penceramah Jemputan	1,500.00	RM1,500.00 x 7 orang	10,500.00
11.	Penginapan Penceramah Jemputan	300.00	RM300.00 x 2 hari x 7 orang	4,200.00
12.	Saguhati Penceramah Jemputan	500.00	RM500.00 x 7 orang	3,500.00
13.	Sijil Penyertaan	2.00	RM2.00 x 450.00	900.00
14.	Cenderamata (Pembentangan /Poster Terbaik)		RM1,000 x 4 orang RM500 x 4 orang RM300 x 4 orang RM100 x 4 orang	7,600.00
15.	Sewaan Display Board	200.00	RM200 x 50 unit display board	10,000.00
16.	Saguhati Juri	100.00	RM100 x 8 orang	800.00

17.	Penginapan Juri	300.00	RM300.00 x 2 hari x 8 orang	4,800.00
18.	Tiket /Perjalanan Juri	1,500.00	RM1,500.00 x 8 orang	12,000.00
19.	Perbelanjaan luar jangka	-	-	10,000.00
JUMLAH BESAR				176,750.00



Lampiran 2

PESERTA PERSIDANGAN

SENARAI PENDAFTARAN ICPE-6 2014 (PESERTA PERSIDANGAN & POSTER)

MONASH UNIVERSITY MALAYSIA

NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	STI12	KARTINI BT ILIAS	800330-03-6168	MIXED-METHOD RESEARCH WITH FAMILIES OF CHILDREN WITH NEURODEVELOPMENTAL DISORDERS	SLAB/SLAI	019-2569374	kartini.uitm@gmail.com	POSTER & PERSIDANGAN

MMU

NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	ENG21	AMIRAH BINTI ASRI	921026-10-5668	STUDY ON BLAKC HOLE, GRAVITATIONAL SEARCH AND PARTICLE SWARM OPTIMIZATION ALGORITHMS FOR PARAMETERS ESTIMATION OF FM SOUND WAVES	SENDIRI	013-6709043	mirastr92@gmail.com	POSTER & PERSIDANGAN

UM

NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS18	HALIZA BT. HASAN	800716-04-5112	COST EFFECTIVENESS OF COMMUNITY-BASED REHABILITATION (CBR) PROGRAMME FOR DISABLED CHILDREN IN MALAYSIA: A COMPARISON BETWEEN CENTRE-BASED AND HOME-BASED CARE	SLAB	012-9871404	hhaliza80@gmail.com	POSTER & PERSIDANGAN
2	STI73	SARAH BT ABDUL RAZAK	840712-01-6492	A PHTOSOCIOLOGICAL STUDY OF HOPEA BECCARIANA COMMUNITIES AT AYER HITAM FOREST RESERVE, SELANGOR	SLAB/SLAI	012-3484078	sarahrazak@um.edu.my	POSTER & PERSIDANGAN
3	SS13	EE SU IM	750710-03-5466	CROSS CULTURAL ADAPTATION AND PSYCHOMETRIC PROPERTIES OF THE MALAY VERSION OF THE PARTICIPATION IN CHILDHOOD OCCUPATIONS QUESTIONNAIRE	SLAI	016-3678842	suijm_ot@yahoo.com	POSTER & PERSIDANGAN
4	SS19	HANI ZULAIKHA ZULKIFLY	871109-08-5364	VERBALISATION OF CONSUMERS' ETHICAL JUDGEMENT TOWARDS ADVERTISEMENTS THROUGH COMPLAINTS: A CONTENT ANALYSIS STUDY	SLAB/SLAI	017-3439511	hani_zulaiקה@yahoo.com	POSTER & PERSIDANGAN
5	STI14	MUSAROPAH BINTI SAPIHIS	680106-10-5436	ASSESSING ACTIVITY PARTICIPATION RESTRICTION IN CHRONIC DISEASES: VALIDITY AND RELIABILITY OF OCCUPATIONAL GAP QUESTIONNAIRE (OGQ)	HLP	019-30860211	smusyay@gmail.com	POSTER & PERSIDANGAN

6	SS40	NOR MASHITAH BT MOHD RADZI	860416-43-5076	DEVELOPING A MEASURE OF AUTHENTIC ASSESSMENT STANDARD FOR CHILDREN'S DEVELOPMENT AND LEARNING USING MANY-FACET RASCH MODEL	SLAB/SLAI	017-8833401	mas_mradzi@yahoo.com.my	POSTER & PERSIDANGAN
7	SS31	THIPA LETCHUMY A/P RAJASA KANAN	840928-08-6086	RELIABILITY AND VALIDITY OF THE MALAYSIAN (MALAY) VERSION OF ILLNESS PERCEPTION QUESTIONNAIRE FOR SCHIZOPHRENIA (IPQS)	MYBRAIN 15	016-3633875	https://t.me/hotmail.com	POSTER & PERSIDANGAN
8	ST113	HEMAVATHY SURIKUMARAN	860805-56-5560	BETA-CYCLODEXTRIN BASED MOLECULAR IMPRINTED SOLID PHASE EXTRACTION OF PHENOLS IN WATER SAMPLES	SLAI	016-6914282	hemaavathy8605@gmail.com	POSTER & PERSIDANGAN
9	ST119	LATIFAH MUNIRAH BINTI BAKAR	860827-33-5360	THE EFFECT OF EUGENOL ON THE CELL STRUCTURE AND INTERGRITY OF C. ALBICANS	SLAB/SLAI	012-9687287	latifahmunirah@siswa.um.edu.my	POSTER & PERSIDANGAN
10	ST121	LEE WAI HONG	900604-10-5975	INFLUENCE OF FLUORIDE ION CONTENT ON THE GROWTH OF ANODIC WO ₃ -TiO ₂ NANOTUBES FILM	MYBRAIN 15	017-4655616	leelee5975@hotmail.com	POSTER & PERSIDANGAN
11	ST123	LIM YOU SING	891115-08-5561	HYDROTHERMAL SYNTHESIS OF FE ₃ O ₄ @C HYBRID MATERIALS AND ITS ENHANCED IN ELECTROCHEMICAL PERFORMANCE	MYBRAIN 15	014-9442394	jimyousing@yahoo.com	POSTER & PERSIDANGAN
12	ST124	LOW FOO WAH	850807-02-5411	INVESTIGATION OF GRAPHENE OXIDE AND REDUCED GRAPHENE OXIDE IN PHOTOVOLTAIC PERFORMANCE	MYBRAIN 15	012-5991552	raymondlow85@gmail.com	POSTER & PERSIDANGAN
13	ENG56	NUR AZIMAH BT. ABD SAMAD	860419-56-6100	TiO ₂ NANOPARTICLES: INFLUENCE OF PRECIPITATION-PEPTIZATION TEMPERATURE TOWARDS MORPHOLOGY AND CRYSTALLITE SIZE	MYBRAIN 15	019-6582607	nurazimah.sam@gmail.com	POSTER & PERSIDANGAN
14	ST156	NUR RAHIMAH BT. SAID	880801-10-5370	SYNTHESIS AND CONDUCTOMETRIC STUDY OF BIS (1-BENZYL-BENZIMIDAZOLIUMETHYL)-4-METHYLBENZENESUFONAMIDE BROMIDE	SLAB	013-7318069	nurrahmahsaid@gmail.com	POSTER & PERSIDANGAN
15	SS16	NURUL HIDAYANA BT. MOHD. NOOR	870105-35-5166	THE MEDIATING EFFECT OF KNOWLEDGE SHARING BEHAVIOR AND THE RELATIONSHIP BETWEEN ORGANIZATIONAL CULTURE ON ORGANIZATIONAL EFFECTIVENESS: A CASE STUDY OF MALAYSIAN NONPROFIT ORGANIZATION	SLAB	017-3071803	nurulhidayana@yahoo.com	POSTER & PERSIDANGAN
16	ST161	NURUL YANI BT. RAHIM	851121-03-5652	PREPARATION OF IONIC LIQUID β-CYCLODEXTRIN IMMOBILIZATION ON FUNCTIONALIZED SILICA GEL AS CHIRAL STATIONARY PHASE FOR HIGH PERFORMANCE LIQUID CHROMATOGRAPHY	MYBRAIN 15	019-3904833	nurulyaniarahim@gmail.com	POSTER & PERSIDANGAN
17	ST164	RADIN SITI FAZLINA NAZRAH BT. HIRZIN	771005-08-6698	OPTIMIZATION OF PROCESSING PARAMETER BY RESPONSE SURFACE METHODOLOGY FOR FUNCTIONALIZED LIQUID NATURAL RUBBER AS POLYURETHANE PRECURSOR	SLAB	019-2405810	radinnazrah77@yahoo.com	POSTER & PERSIDANGAN
18	ST166	RAJAMMAL A/P KARUPPIAH	820629-10-5488	SUBSTITUTED CATHODE MATERIALS FOR LITHIUM ION BATTERIES	MYBRAIN 15	012-2270764	rajiam@siswa.um.edu.my	POSTER & PERSIDANGAN

19	ST178	SITI NOR ATIKA BT. BAHARIN	891 109-14-5134	SYNTHESES OF SCHIFF BASE- THIOPENE MONOMERS FOR SIDE CHAIN LIQUID CRYSTALLINE POLYMERS	SLAB/SLAI	016-3117792	atikabaharin@gmail.com	POSTER & PERSIDANGAN
20	ENG68	CHONG SOON WENG	860827-38-7259	SIMPLE PREPARATION OF REDUCED GRAPHENE OXIDE NANOPATELETS VIA A SIMPLIFIED HUMMER'S TECHNIQUE	MYBRAIN 15	012-5663772	soonweng86@gmail.com	POSTER & PERSIDANGAN
21	ST184	TAI MUN FOONG	890814-10-5141	FACILE SYNTHESIS OF MAGNETITE IRON OXIDE NANOPARTICLES VIA CO- PRECIPITATION METHOD BY CONTROLLING AMMONIUM HYDROXIDE CONCENTRATION	MYBRAIN 15	011-33013768	victor5141@gmail.com	POSTER & PERSIDANGAN
22	BE8	AIDA YUZI BT. YUSOF	800307-01-6046	SUPERVISION AND CAPITAL ADEQUACY ON ISNURANCE INDUSTRY	SLAB/SLAI		aidayuzi@fmsk.uitm.edu.my	POSTER & PERSIDANGAN
23	ST17	FATIN NURL ELYANA BT. MOHD. SIDEK	90120-11-5524	INTESTINAL POLYPARASITISM IN RURAL COMMUNITIES OF TERENGGANU, MALAYSIA	MYBRAIN 15	017-6363571	elyanai21@yahoo.com	POSTER & PERSIDANGAN
24	SS32	MUHAMMAD FIRZAN B. ABDUL AZIZ	870221-07-5073	DEVELOPMENT OF J POST CONSERVATION EVALUATION (PCE) MEASURE WITH SPECIAL CONSIDERATION ON MAINTENANCE ASPECTS OF HERITAGE MUSEUMS	SLAB	013-9882996	nazrif87@gmail.com	POSTER & PERSIDANGAN
25	ST195	S. J. LAHVANYA RAOOV A/L SUBRAMANIAM	860825-38-6623	INTESTINAL PARASITISM AMONG RURAL AND URBAN ORANG ASLI SCHOOL CHILDREN IN SELANGOR	SLAI	012-6096138	s.j.lahe@yahoo.com	POSTER & PERSIDANGAN
26	SS36	SHAMSIAH BANU BINTI MOHAMAD HANEFAR	761021-08-5186	DEVELOPMENT OF SPIRITUAL INTELLIGENCE MODEL IN ACHIEVING HUMAN EXCELLENCE AMONGST ADOLESCENTS IN MALAYSIA	MYBRAIN 15	012-3733763	shbanu21@gmail.com	POSTER & PERSIDANGAN
27	ST167	KAVIRAJAA PANDIAN A/L SAMBASEVAM	860404-56-6159	SYNTHESIS CHARACTERIZATION AND APPLICATION OF POLYANILINE/TIO ₂ NANOCOMPOSITES IN HYDRAZINE DETECTION	MYBRAIN 15	016-2196159	kavirataa@live.com	POSTER & PERSIDANGAN
28	ST188	TILAGAM A/P MARIMUTHU	850912-01-5602	POLYPYRROLE COATED NICKEL COMPOSITE FOR GLUCOSE DETECTION	MYBRAIN 15	016-2336795	vainav38@gmail.com	POSTER & PERSIDANGAN
29	ST185	TAN XIAO YUN	900608-06-5720	PRELIMINARY STUDY ON PREPARATION AND CHARACTERIZATION OF NANOSIZE CELLULOSE	MYBRAIN 15	018-3284634	xyun_90@hotmail.com	POSTER & PERSIDANGAN
30	ST180	MUGGUNDHA RAOOV A/L RAMACHANDRAN	860613-38-6701	A COMPARATIVE STUDY ON THE ADSORPTIVE REMOVAL OF PHENOLS BY MACROPOROUS CYCLODEXTRIN FUNCTIONALIZED IONIC LIQUID POLYMER: ADSORPTION ISOTHERM, KINETIC STUDY, AND THERMODYNAMICS	SLAI	03-79676751	sharifahm@um.edu.my	POSTER & PERSIDANGAN
31	-	ZANISAH MAN	-	-	SLAB/SLAI	019-2351179	zanisahman@yahoo.com	PERSIDANGAN
32	-	NORAINI BINTI YUSUFF	-	-	SLAB/SLAI	017-5244843	ynoraini@uum.edu.my	PERSIDANGAN

UKM

NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS39	SALAWATI BT. SAHARI	790307-13-5006	CONSTRUCTING HUMAN RIGHTS DISCLOSURE INDEX AND DETERMINANTS OF THE HUMAN RIGHTS DISCLOSURE	SLAB	013-8223469	saharisalawati@yahoo.com	POSTER & PERSIDANGAN
2	SS3	AHMAD HASSAN SALLEHUDIN BIN MOHD. SARIF	860316-30-5207	HUMAN FAILURE EVENTS IN THE OPERATIONAL OF PUSPATI TRIGA REACTOR	SLAB/SLAI	014-2321647	hassan@ufhm.edu.my	POSTER & PERSIDANGAN
3	SS11	DINA BINTI ADAM	760212-13-5604	EFFECTIVENESS OF DANCE AND RELAXATION THERAPY ON FUNCTIONAL BALANCE AND ANXIETY LEVEL AMONG COGNITIVE IMPAIRED ELDERLY	SENDIRI	016-2213138/6	dina_physia@hotmail.com	POSTER & PERSIDANGAN
4	BE21	MUHAMAD ZAHID B. MUHAMAD	880704-56-5383	THE COMPETITIVENESS OF MALAYSIAN PINEAPPLE IN GLOBAL MARKET	SLAB/SLAI	012-2442280	zahedmuhamad@gmail.com	POSTER & PERSIDANGAN
5	ST191	NOR AZMAN B. MAT ARIFF	740723-04-5039	IMAGE SPAM FILTERING USING BAGS-OF-KEYPOINTS	SLAB/SLAI	012-6326952	nazman@utem.edu.my	POSTER & PERSIDANGAN
6	ST148	SITI HUMAIRA HARON	871122-04-5092	THE USE OF PESTICIDES IN AGRICULTURE AREA, CAMERON HIGHLANDS	MY BRAIN 15	017-9096489	shumaira@yahoo.com	POSTER & PERSIDANGAN
7	ENG7	TIEW KIAN GHEE	850805-10-5581	3RS CULTURE PRACTICES IN COMMUNITY AND MUNICIPAL LEVEL AT MALAYSIA AND JAPAN	MY PhD	016-2542998	tiew8585@hotmail.com	POSTER & PERSIDANGAN
8	ST14	NUR NADIA DZULKIFLI	870317-01-5710	DYSPROSIUM (III) ISATIN 2-METHYL-3-THIOSEMICARBAZONE: SYNTHESIS, STRUCTURAL AND SPECTRAL STUDIES	MY PhD	017-6352971	nurnadia2011@gmail.com	POSTER & PERSIDANGAN
9	ST15	AZIZUL HAKIM BIN LAHURI	870728-23-5435	CO ₂ ADSORPTION AND DESORPTION STUDIES OF IRON OXIDE SUPPORTED ON ACTIVATED CARBON BY TEMPERATURE PROGRAMMED DESORPTION	MY PhD	017-7125308	azizulhakim_87@yahoo.com	POSTER & PERSIDANGAN
10	ST18	FAIROUS BINTI SALLEH	830520-06-5100	REDUCTION OF WO ₃ TOW UNDER CARBON MONOXIDE AND HYDROGEN ATMOSPHERE	MY PhD	019-2761691	fairoussalleh@gmail.com	POSTER & PERSIDANGAN
11	ST111	HAMIDAH ABDULLAH	810429-02-5628	THE CHARACTERIZATION AND PHOTOCATALYTIC ACTIVITY OF CERIUM DOPED TiO ₂ AS VISIBLE LIGHT SENSITIVE PHOTOCATALYST	SLAB/SLAI		hamidah@siswa.ukm.edu.my	POSTER & PERSIDANGAN
12	ST127	MARATUN NAJIHA BINTI ABU TAHARI	890127-43-5034	LONG CHAIN FATTY AMINE IMPREGNATED ON SiO ₂ FOR CO ₂ ADSORPTION/DESORPTION	CEK	013-3356944	maratumaijha@gmail.com	POSTER & PERSIDANGAN
13	ST149	ALINDA BINTI SAMSURI	860821-23-5662	REDUCTION BEHAVIOUR OF MoO ₃ TO MoO ₂ BY USING CARBON MONOXIDE AS REDUCTANT	SLAB/SLAI		alindasamsuri@gmail.com	POSTER & PERSIDANGAN

14	ST168	LEE TIAN KHOON	860209-01-5263	PREPARATION AND CHARACTERIZATION OF NANO-COMPOSITE SOLID POLYMER ELECTROLYTE PVdF-HFP/MG49-LiBF ₄ -TiO ₂	MYBRAIN 15	012-7279286	edison_tiankhood@hotmail.com	POSTER & PERSIDANGAN
15	ST181	SUZANA BT. RATIM	790713-08-6502	LOW LOADING SiC NANOPARTICLES INFLUENCE ON TENSILE BEHAVIOR OF TOUGHENED EPOXY NANOCOMPOSITE	SLAB/SLAI	013-3519870	suzanar@salam.uitm.edu.my	POSTER & PERSIDANGAN
16	ST186	TENGGU SHAFAZILA BT TENGGU SAHARUDDIN	830205-08-5208	INFLUENCE OF CERIUM ON THE REDUCTION BEHAVIOUR OF IRON OXIDE: A TPR STUDY WITH H ₂ AS A REDUCING AGENTS	MY PhD	012-6092874	tengkushafazila@gmail.com	POSTER & PERSIDANGAN
17	ST187	TENGGU SHARIFAH MARLIZA BT TENGGU AZMI	820917-02-5124	CAPTURING OF CO ₂ ON SUPPORTED IONIC LIQUID SORBENTS	SENDIRI	016-4864420	zailiza1717@gmail.com	POSTER & PERSIDANGAN
18	SS9	ZAILANI BINTI MUHAMAD	650117-03-5608	ASSESSING RELIABILITY OF CLINICAL COMPETENCY EVALUATION INSTRUMENT USED AMONG PHYSIOTHERAPY STUDENTS: A PRELIMINARY STUDY	SENDIRI	012-2411008	zailani1101@hotmail.com	POSTER & PERSIDANGAN
19	ENG13	INTAN JULIANA SHAMSUDIN	841010-01-5588	CONDUCTIVE-CARRAGEENAN WITH IONIC LIQUID 1-BUTYL-3-METHYLMIDAZOLIUM CHLORIDE FOR ENERGY STORAGE MATERIAL APPLICATION	SLAB/SLAI	019-2644355	jueshamsudin@gmail.com	POSTER & PERSIDANGAN
20	ENG19	MOHD FARRIZ BASAR	791109-14-5339	AN EXPLORATION ON REACTION WATER TURBINE FOR LOW HEAD LOW FLOW PICO HYDRO	SLAB	019-6639576	mfarriz@utem.edu.my	POSTER & PERSIDANGAN
21	ENG26	NADHRATUN NAIM MOBARAK	860602-05-5026	ELECTROCHEMICAL AND STRUCTURAL PROPERTIES OF THE CARBOXYMETHYL CHITOSAN USING AMMONIUM NITRATE	MY PhD	017-3193150	nadhratunnaim@gmail.com	POSTER & PERSIDANGAN
22	ENG33	NORADILA BINTI ABDUL LATIF	841013-10-5650	ELASTIC-PLASTIC FRACTURE TOUGHNESS OF EXTRUDED AZ31 MAGNESIUM ALLOY	SLAB/SLAI	012-6371171	noradila@uthm.edu.my	POSTER & PERSIDANGAN
23	SS10	TENGGU INTAN SUZILA BT. TENGGU SHARIF	740131-06-5028	CAPSIZED: A PRELIMINARY BRIEF ACCOUNT OF BATEK HEP MORPHOLOGY	SLAB/SLAI	013-3993736	intansuzila@gmail.com	POSTER & PERSIDANGAN
24	SS24	LIZA MARZIANA BT HJ. MOHAMAD NOH	690911-05-5186	AN ART APPRECIATION APPROACH ON NALAYSING FORM AND CONTENT OF MALAY CULTURE OF SYMBOLS IN MALAYSIAN PAINTING YEAR 1980-1990	SLAB/SLAI	019-6645186	lizamatziana@ymail.com	POSTER & PERSIDANGAN
25	-	MOHD IZWAN BIN MAHMUD	-	-	SLAI	019-2612059	izwan@ukm.edu.my	PERSIDANGAN

UIAM

NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS26	NUSAIRAH BINTI RAMLI	890915-08-5880	NEGATIVE PROJECTION OF THE QUR'AN ON THE INTERNET	SLAB/SLAI	-	zahratul.firdaus89@gmail.com	POSTER & PERSIDANGAN
2	ST169	SAADI B. AHMAD KAMARUDDIN	850508-05-5143	ROBUST BACKPROPAGATION NEURAL NETWORK TIME SERIES DATABASE	SLAB/SLAI	017-6231710	adi8585@yahoo.com	POSTER & PERSIDANGAN

3	ST157	JULIAN BINTI OSMAN	690706-05-5216	DEVELOPMENT OF BUILDING INFORMATION (BIM) ADOPTION MODEL FOR QUANTITY SURVEYING (QS) FIRMS	SLAI	019-3486970	julian@iium.edu.my	POSTER & PERSIDANGAN
4	BE1	DG SAFRINA AG BUDIN	820117-12-5092	FEE BASED INCOME ACTIVITIES IN MALAYSIAN BANKING INSTITUTIONS: THE IMPACT ON BANK'S RISK AND RETURN	SLAB	012-8221772	dyna1711@gmail.com	POSTER & PERSIDANGAN
5	BE13	SYED MARWAN MUJAHID BIN SYED AZMAN	890429-11-5407	SOCIAL FINANCING INNOVATION: SOCIAL IMPACT BONDS AND THE POTENTIAL SOCIAL AREAS FOR ITS IMPLEMENTATION	SLAB/SLAI	016-7257712	Svedmanvan@iium.edu.my	POSTER & PERSIDANGAN
6	ENG8	YASIN B. MD. RAFANGI@MD. RAFEE	900701-14-6541	THE CORE PRINCIPLES IN PARENTING: AN ANALYSIS FROM THE STORY OF YANQEB	SLAB	017-2579754	ya_sin90@yahoo.com.my	POSTER & PERSIDANGAN
7	ST198	RUSILA BINTI RUSLAN	860906-38-5278	EXPLORATIVE STUDY ON THE NEEDS FOR IMPLEMENTATION OF ICU OUTREACH: NURSES AND JUNIOR DOCTOR'S KNOWLEDGE, ATTITUDE AND PRACTICE (KAP) IN RISK ASSESSMENT AND RESPONSES (ACUTE CARE AND PHARMACOTHERAPY) TO THE DETERIORATING PATIENTS IN MALAYSIAN EAST COAST HOSPITALS	SLAB	012-5609587	ruslanruslan@iium.edu.my	POSTER & PERSIDANGAN
8	-	NUR LEYNI NILAM PUTRI BT JUNURHAM	-	-	SLAB	017-2133886	nurleyni_np@gmail.com	PERSIDANGAN
9	-	NURALINA BT. MD. ELIAS	-	-	SLAB	012-2571015	fina99@yahoo.com	PERSIDANGAN
10	-	MARYAM JAMEELAH BT. MOHD. HASHIM	-	-	SLAB	019-2121104	jamieniz@yahoo.com	PERSIDANGAN
11	-	AMIRA BT. JAMIL	900817-14-5890	-	SLAB	013-5707702	amirajamil.aj@gmail.com	PERSIDANGAN
12	-	NURUL IFFAH BT. GHAZALI	910331-11-5594	-	SLAB	013-2974837	iffahnurul91@gmail.com	PERSIDANGAN
13	-	MOHD. YUSOF B. MOHAMAD	-	-	SLAI	019-3967964	yusofium@gmail.com	PERSIDANGAN

UMMK

NO.	KOD ID	NAMA PESERTA	NO. KPI/PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS5	ALIYA ATIKA ASYIKIN BT. ABD. HAMID	891218-01-6032	THE RELATIONSHIP BETWEEN GEO-ENVIRONMENTAL PHENOMENA OF URBAN NEIGHBOURHOODS AND PROPERTY VALUES	MYBRAIN 15	013-7996261	alvaaitikaasyikin@gmail.com	POSTER & PERSIDANGAN
2	SS34	NASRUL HAKIM B. SALLEH	830915-03-5547	THE CONCEPT OF INTERGRATED EDUCATION IN KELANTAN: THE INITIAL REVIEW	MYBRAIN 15	013-9102893	sallehnasrulhakim@yahoo.com	POSTER & PERSIDANGAN
3	ST13	ANIDA AMINUDIN	890504-03-6128	EXTRACTION AND CHARACTERIZATION OF COLLAGENS FROM SKINS OF COMMERCIALIZED FRESHWATER FISH	MYBRAIN 15	014-5275596	anidaaminudin@gmail.com	POSTER & PERSIDANGAN

4	ST125	NUR FARISYA BT. MOHD. SAUFI	910417-03-6336	NEST STRUCTURE IF STINGLESS BEE, TRIGONA (GENIOTRIGONA) THORACICA (HYMENOPTERA: APIDAE: MELIPONINI)	MYBRAIN 16	013-2443949	farisyasaufi@gmail.com	POSTER & PERSIDANGAN
5	ST128	MOHAMAD AZHAR B. IBRAHIM	900706-03-5971	POTENTIAL UTILIZATION OF LEUCAENALEUCOCEPHALA AND ACACIA MANGIUM SPECIES AS FUEL PELLET BIOMASS FOR ENERGY SOURCES FOR FUTURE APPLICATION	MYBRAIN 15	014-5350995	zahir90_zaha@yahoo.com	POSTER & PERSIDANGAN
6	ST140	NOOR ASMA' BINTI MOHD. ANUAR MUSHODDAD	900123-03-6024	EFFECT OF FOLIAR AND GRANULAR FERTILIZER ON VEGETATIVE GROWTH OF BANANA (MUSA ACUMINATA CV. BERANGAN)	MYBRAIN 15	013-5317983	noorasma0123@gmail.com	POSTER & PERSIDANGAN
7	ST153	NUR FARAHIAH ZAKARIA	880527-03-578	STUDY OF EXTRACTION PROCEDURE FOR ALLERGENIC PROTEIN ANALYSIS OF COMMON KELANTAN'S FRUIT FLOWER FROM GENUS MAGIFERA, DUPRIO AND SYZYGIUM	MYBRAIN 15	013-4265837	nurfarahiahzakaria@gmail.com	POSTER & PERSIDANGAN
8	ENG24	MUHAMMAD HAZIZI ISMAIL	880212-11-5167	ASSESSMENT OF HEAVY METAL CONTAMINANTS IN WATER AND THEIR EFFECTS ON MACROBRACHIUM ROSENBERGII POLLUTATIONS IN KELANTAN RIVER	MYBRAIN 15	019-9477336	hazi_ismail@yahoo.com	POSTER & PERSIDANGAN
9	ST171	SUAINI BT. CHE AHMAD	880605-03-5184	STUDY OF TEMPERATURE EFFECT ON EARLY EMBRYO DEVELOPMENT OF HYBRID TRICHOASTER TRICHOPTERUS	MYBRAIN 15	013-9594907	suanicheahmad@gmail.com	POSTER & PERSIDANGAN
10	ST175	NURUL AFIQAH MAHADI	890709-03-5284	MINERAL PROFILING IN SUPER PREMIUM CAT FOODS IN THE MALAYSIAN MARKET - A COMPARITIVE STUDY	MYBRAIN 15	019-9596637	nurulafiqahmahadi@yahoo.com	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAJAN	NO. TEL	EMAIL	PENYERTAAN
1	ENG20	MOHD. AZLI B. SALIM	820221-08-6041	TRANSMISSIBILIT CURVE ON LAMINATED RUBBER-METAL SPRING	SLAI	017-6833470	azli@utem.edu.my	POSTER & PERSIDANGAN
2	BE17	MASTURA BINTI RONI	840120-06-5696	SUSTAINABLE MANUFACTURING: THE ASSESSMENT OF DRIVERS AND PRACTICES TOWARDS FIRM PERFORMANCE	MYBRAIN 15	012-5897257	naztura@gmail.com	POSTER & PERSIDANGAN
3	BE28	FAIRUS BINTI ABU	880531-04-5266	A STUDY ON SMEs ADOPTION IN FOOD INDUSTRY THROUGH LENS OF UTAUT THEORY	MYBRAIN 15	017-6144015	fairus_abu89@yahoo.com	POSTER & PERSIDANGAN
4	ST131	MOHD KHAIRY ISMAIL	890120-04-5297	CURRENT DEVELOPMENTS IN LTE-ADVANCED: ANALYSIS OF SCHEDULER ALGORITHM	MYBRAIN 15	0176233073	m021310033@student.utem.edu.my	POSTER & PERSIDANGAN
5	BE29	NALINI A/P SUBRAMANIAM	891219-08-5224	OVERVIEW OF SUCCESSFUL INNOVATION FACTOR TOWARDS ENHANCING PERFORMANCE OF MALAYSIAN HEALTHCARE SECTOR	MYBRAIN 15	014-9312495	nalini89_utem@yahoo.com	POSTER & PERSIDANGAN
6	BE25	SAID ABDOU MFOIHAYA	NBE229202	IMPLEMENTING E-GOVERNMENT: A STRATEGIC INFORMATION SYSTEM PLANNING FRAMEWORK IN DEVELOPING COUNTRIE	SENDIRI	011-36546135	comoransaid@live.com	POSTER & PERSIDANGAN

7	BE26	ENG POH HWA	821117-01-6152	EXPERTS' OPINION ON THE IMPACTS OF MINIMUM WAGE POLICY ON THE ELECTRICAL AND ELECTRONIC INDUSTRY IN MALAYSIA	MYBRAIN 15	019-6996154	engcherly@gmail.com	POSTER & PERSIDANGAN
8	ENG16	MADIAH BINTI HAJI MAHAROF	871009-02-5858	MODELING AND TECHNIQUES OF VIBRATION CONTROL FOR A 6 DEGREE - OF FREEDOM ROBOT APPLICATIONS	MYPHD	-	madiah.maharof@yahoo.com.my	POSTER & PERSIDANGAN
9	ENG25	MUHD. RIDZUAN B. MANSOR	790414-02-5259	THE APPLICATION OF CONCURRENT ENGINEERING APPROACH FOR THE DEVELOPMENT OF AUTOMATIVE PARKING BRAKE LEVER USING HYBRID KENAF/GLASS FIBRE REINFORCED POLYPROPYLENE COMPOSITES	SLAI	012-6462605	muhd.ridzuan@utem.edu.my	POSTER & PERSIDANGAN
10	ENG 39	MUHSIN BIN AHAMED	610716-05-5073	ANALYSIS OF CRUDE PALM OIL QUALITY DETERIORATION DURING MONSOON AND PROCESS OPTIMIZATION	MYBRAIN 15	016-9227860	muhsin.ahamed@gmail.com	POSTER & PERSIDANGAN
11	ENG43	NURULIZWA BTE ABDUL RASHID	840220-08-5328	TECHNICAL T ₁₀ INNOVATION PERFORMANCE MEASURES AN INSIGHT FOR DYNAMIC CAPABILITIES THEORY AND MANUFACTURING PRACTICES	SLAB/SLAI	019-7578312	nlizwa84@yahoo.com	POSTER & PERSIDANGAN
12	ENG44	MUHAMMAD KAZIMI	891005-03-5379	ULTRASONIC ASSISTED FUSE DEPOSITION MEDELLING TO IMPROVE PARTS SURFACE FINISH	MYBRAIN 15	012-6892757	kazimi_muahamd@yahoo.com	POSTER & PERSIDANGAN
13	ENG54	ANG TEOH ONG	691115-01-5391	IMAGE PROCESSING BASED METHOD FOR PRINTED CIRCUIT BOARDS FLUX DEFECTS DETECTION	MYBRAIN 15	012-3053798	kennvango07@gmail.com	POSTER & PERSIDANGAN
14	BE10	SAYED SAMER ALI ALSHAMMI	028677652	MALAYSIAN MIRO FINANCE AND WOMEN EMPLOYMENT	LAIN-LAIN	013-6266477	samshami22@yahoo.com	POSTER & PERSIDANGAN
15	BE12	SITI HAJAR BINTI MOHAMAD	851016-11-5888	CUSTOMER RELATIONSHIP MANAGEMENT PRACTICES, MARKET ORIENTATION AND FOOD MANUFACTURER PERFORMANCE: THE MODERATING EFFECTS OF MARKET TURBULENCE	MYBRAIN 15	017-3266241	mizsiti@gmail.com	POSTER & PERSIDANGAN
16	BE14	TAN LAY HONG	850213-10-5000	EXAMINING DRIVERS AND ISSUES TOWARDS SUSTAINABILITY BANKING	MYBRAIN 15	016-9133310	lay_hong85@hotmail.com	POSTER & PERSIDANGAN
17	BE18	NORZALIZAH BINTI BAHARI	801006-04-5278	ENTREPRENEUR'S PERSONAL CHARACTERISTICS AND STRATEGIC ORIENTATION IN MALAYSIAN SMES	MYBRAIN 15	017-6078767	hussysimfaney@yahoo.com	POSTER & PERSIDANGAN
18	STI2	ALI ABDULHAFID ELROWAYATI	151011	APPLICABILITY ANALYSIS OF DIGITAL WATERMARKING METHODS ON THE NEXT GENERATION VIDEO CODING STANDARD	SENDIRI	012-3120034	elrowayati@yahoo.com	POSTER & PERSIDANGAN
19	ENG6	CHIEW TSUNG HENG	870808-14-5739	FERRAROS ACCE-ERATOPM SENSOR FOR MOTION CONTROL APPLICATIONS	MYBRAIN 15	016-6928552	fosterchiew87@hotmail.com	POSTER & PERSIDANGAN
20	STI96	ERMAN B. HAMID	751127-04-5183	SUSTAINABILITY AND HCI IN HOME NETWORKING	SLAB/SLAI	017-6016034	erman@utem.edu.my	POSTER & PERSIDANGAN

21	ENG 64	CHONG SEE YING	890316595344	DEVELOPMENT OF ADDITIVE MANUFACTURED TEXTILES GEOMETRY REINFORCED WITH COMPOSITE LAYERS FOR STAB RESISTANT APPLICATION	MYBRAIN 15	010-2741989	seeing_cs@hotmail.com	POSTER & PERSIDANGAN
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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	ST183	SYIFAK BINTI IZHAR HISHAM	851101-08-6436	EVALUATION OF HILBERT PATTERN NUMBERING IN AUTHENTICATION WATERMARKING FOR MEDICAL IMAGES	SLAB/SLAI	019-3551106	penawar85@gmail.com	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS12	DURAR ASHIKIN BT. ZULKIFLI	890118-06-5422	PUBLIC PERCEPTION OF RENEWABLE ENERGY IN MALAYSIA	MYBRAIN 15	014-4016241	zdurar@yahoo.com	POSTER & PERSIDANGAN
2	ENG15	JEFFREY AZMI	821126-12-6089	CHRONOLOGY APPROACH IN ANALYZING PRODUCTION LOSSES IN A SCREEN PRINTING MANUFACTURING LINE	SENDIRI	012-4422611	ieffreyazmi@yahoo.com.my	POSTER & PERSIDANGAN
3	ST130	MOHAMAD SUHAIZAL BIN ABU HASSAN	800820-02-5349	STUDY OF CHANNELS ESTIMATION BASED ON PILOT PATTERN DESIGN IN OFDM SYSTEM	SLAB/SLAI	012-4991914	mohamad_suhaizal@gmail.com	POSTER & PERSIDANGAN
4	ENG55	AZNOR HANAH BT. ABDUL HALIM	801020-14-5726	OPTIMIZATION OF THROUGHPUT ANALYSIS USING TAGUCHI METHOD FOR VEHICULAR AD HOC NETWORKS	SLAB	012-5053235	aznor@unimap.edu.my	POSTER & PERSIDANGAN
5	ST110	NORMALIZA BINTI OMAR	861004-38-6014	PERFORMANCE ANALYSIS ON FAIRNESS AND THROUGHPUT AMONG SCHEDULING ALGORITHMS	SLAB	019-6400646	lzalbra86@gmail.com	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS8	ASRI BIN SALLEH	760825-12-5345	THE UNITED NATIONS PEACE KEEPING OPERATIONS: A PRELIMINARY OVERVIEW OF STATES INTERESTS	SLAB/SLAI	016-3370740	asrisalleh07@gmail.com	POSTER & PERSIDANGAN
2	ST190	CHEE FONG TYNG	750101-03-9266	THE COOKING PROPERTIES OF SELECTED SABAH TRADITIONAL RICE GERMPLASM	SLAI	019-8509266	cheefongtyng@gmail.com	POSTER & PERSIDANGAN
3	ST19	FAUZE BIN MAHMUD	870905-49-5195	OPTIMIZATION OF SECONDARY METABOLITES PRODUCTION WITH GSK-3 β INHIBITORY ACTIVITY FROM H11809, POTENTIAL ACTINOMYCETES STRAIN OF SABAH RAINFOREST	SLAB/SLAI	010-5836163	fauzemahmud@yahoo.com	POSTER & PERSIDANGAN
4	SS44	ROSLIAH KITTING	680508-12-5376	SUDAWIL: PERANAN, TEKNIK PENYAMPAIAN DAN PELESTARIANNYA DALAM KALANGAN MASYARAKAT KADAZANDUSUN	SLAB/SLAI	013-8761011	rosliah@fbk.upsi.edu.my	POSTER & PERSIDANGAN

5	ST143	FISAL BIN AHMAD	700710-02-5729	PEPTIDE ANALYSIS OF PROTEIN EXTRACTS FROM SARGASSUM POLYCYSTUM BY NANO LC-ESI-MS/MS (ORBITRAP) AND EVALUATION OF THEIR POTENTIAL AS PRECURSOR OF BIOACTIVE PEPTIDES.	SLAB/SLAI	013-9800993	fsal@umt.edu.my	POSTER & PERSIDANGAN
6	ENG14	HIDAYATI BINTI ASRAH	771218-12-5638	CHARACTERIZATION OF ULTRAFINE PALM OIL FUEL ASH TO SUPPRESS THE ALKALI SILICA REACTION	SLAB/SLAI	014-6514287	hidayatiasrah@gmail.com	POSTER & PERSIDANGAN
7	ST141	NOORSYARINAH BINTI SANUDIN	881225-12-5780	FEEDING ACTIVITY AND EYE STRUCTURE OF LITOPENAEUS VANNAMEI POST LARVAE UNDER LIGHT AND DARK CONDITION	SLAB/SLAI	019-5397680	noorsyarimah@gmail.com	POSTER & PERSIDANGAN
8	ST170	SABILAH BINTI TAHIR	830522-12-5666	THE DIVERSITY AND INFESTATION OF GASTROINTESTINAL HELMINTHS OF SOME FRESHWATER FISH IN KLIAS PENINSULA SABAH	SLAB/SLAI	019-8950540	sabilah_tahir@yahoo.com	POSTER & PERSIDANGAN
9	BE5	IMELDA ALBERT GISIP	730813-12-5148	BRAND MANAGEMENT IN MALAYSIAN SMALL MEDIUM ENTERPRISES (SMES) FROM THE PERSPECTIVE OF RESOURCE BASED VIEW (RBV) THEORY: ANTECEDENTS AND OUTCOMES	SLAI	019-9313079	imelda@sabah.uim.edu.my	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	ST147	TEOH SHIAN LI	900812-02-5208	FEAR LEVEL OF URBAN AND RURAL AREAS IN DESEASE MODELING	MYBRAIN 15	017-8046447	shianli90@gmail.com	POSTER & PERSIDANGAN
2	ST122	LIEW CHIN YING	730106-13-5670	A BIPARTITE NETWORK MODEL OF HABITAT SUITABILITY	SLAB/SLAI	013-8456860	liewchinying@hotmail.com	POSTER & PERSIDANGAN
3	BE27	LEE MAN DUJUN	891017-06-5128	DETERMINANTS OF MANUFACTURING CAPACITY UTILIZATION: A REVIEW IN THE PERSPECTIVE OF OPERATIONS MANAGEMENT	MYBRAIN 15	014-9940325	manjun99@gmail.com	POSTER & PERSIDANGAN
4	ENG49	MOHD AZLAN ISMAIL	841015-01-5237	THE EFFECT OF SPLITTER BLADE TO PUMP AS TURBINE PERFORMANCE FOR ENERGY GENERATION AND RECOVERY SYSTEM	SLAB/SLAI	016-8264571	lanzmr@gmail.com	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	SS37	SITI NOORASMAH BINTI HAMZAH	880911-03-5836	DRAWING AS A MEDIUM FOR EXPLORE ISSUES AMONG FEMALE PRISONERS	SLAB/SLAI	019-9110907	ctnoor_asmah@yahoo.com	POSTER & PERSIDANGAN
2	SS45	NURUL SYUHADA BT ABDUL	870709-11-5358	DEVELOP A DEEPER UNDERSTANDING OF PARENTS BEHAVIOURAL INTENTION IN CHILDREAN CENTRE SERVICE	MYBRAIN 15	019-4461254	yuhaisva@hotmail.com	POSTER & PERSIDANGAN
3	ST134	NOR JANNAH BINTI MOHD SEBRI	890724-11-5765	DEVELOPMENT OF BIOCOMPATIBLE GELLAN GUM AND ANTIBACTERIAL CHITOSAN MATERIALS FOR DUAL LAYER WOUND DRESSING	SLAB/SLAI	019-9558169	jannahheaven@yahoo.com	POSTER & PERSIDANGAN

4	BE23	NORHIDAYAH BT. CHE SOH	841103-08-5876	THE IMPACT OF GOVERNMENT INCENTIVES ON PADDY PRODUCTION IN KADA	SLAI	012-3972931	norhidayah.soh@umt.edu.my	POSTER & PERSIDANGAN
5	ST151	NORSYAHIDA BINTI ZULKIFLI	910523-11-5900	VENDOR SELECTION WITH ANALYTICAL HIERARCHY PROCESS (AHP)	MYBRAIN 15	019-5170032	norsyahidazul@yahoo.com.my	POSTER & PERSIDANGAN
6	ST154	NUR FARAHANA BT ZAINUDIN	910515-14-6088	RADIAL BASIS FUNCTION NETWORK ON MEDICAL DATA	MYBRAIN 15	014-6362052	nurfarahanaazainudin@yahoo.com	POSTER & PERSIDANGAN
7	ST165	RAFIDAH BINTI RAMLI	910704-11-5280	SYNTHESIS AND CHARACTERIZATION OF LAURYL AMINO ACID THIOUREA DERIVATIVES	MYBRAIN 15	013-9963908	rafidahramli91@gmail.com	POSTER & PERSIDANGAN
8	ST172	NURUL ZALIZAHANA BINTI ZAKARIA	881103-26-5558	GASTROPOD SPECIES DISTRIBUTION AND ITS RELATION WITH SOME PHYSICO-CHEMICAL PARAMETERS OF SETU LAGOON, TERENGGANU, MALAYSIA	MYBRAIN 15	019-4247593	zalizahana@gmail.com	POSTER & PERSIDANGAN
9	ST177	SITI HASLIZA BT AHMAD RUSMIL	910415-08-5118	MODELLING OF ROBUST REGRESSION IN MEDICAL DATA	MYBRAIN 15	017-3589190	hasliza_rusmili@yahoo.com	POSTER & PERSIDANGAN
10	ST189	WAN AFIFUDEEN BIN CHE LAH@ABDULLAH	900621-09-5123	PHYSIOLOGICAL RESPONSE OF RICE PLANTS TOWARDS HIGH AND LOW DOSES OF SALINITY STRESS	FRGS	013-3050906	wanfufudeen@gmail.com	POSTER & PERSIDANGAN
11	ST193	NURHANAN ATIQ BT. HARON	880607-29-5318	ABUNDANCE AND DIVERSITY OF SOFT-BOTTOM MACROBENTHOS (CRUSTACEA) FROM THE OFFSHORE AREA OF SOUTH CHINA SEA (TERENGGANU, PAHANG AND SABAH)	MYBRAIN 15	019-4770688	hanatig@live.com	POSTER & PERSIDANGAN
12	ENG23	MUHAMAD AZMAN BIN ZULKIFLI	850731-06-5205	INVESTIGATION OF NONLINEAR ELECTRICAL PROPERTIES OF CALCIUM MANGANITE DOPED ZINC OXIDE CERAMIC FOR VARISTOR APPLICATION	SLAB/SLAI	013-3706578	gsk2013@pps.umt.edu.my	POSTER & PERSIDANGAN
13	ENG35	NORAISYAH BINTI SAPON	850202-01-5632	GRAIN SIZE DISTRIBUTION OF BEACH SEDIMENT ALONG SELECTED AREA OF TERENGGANU MALAYSIA	MYBRAIN 15	012-9296971	noraisyahsapon@gmail.com	POSTER & PERSIDANGAN
14	ST116	WAN NURUL KHURSYAH BINTI WAN MOHAMAD	900117-11-5252	SYNTHESIS AND PHYTOXICITY OF 1,4-DIHYDROPYRIDINES DERIVATIVES VIA MULTICOMPONENT REACTIONS (MCRs)	MYBRAIN 15	013-6012989	nuyy1701@yahoo.com	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	TANDATANGAN
1	SS7	ASMALINI CHE ABU SHAFIE	760725-08-6262	WOMEN AND OUTDOOR RECREATION: THE DESIRE AND CHALLENGE	SLAB	012-5868290	P20131001234@siswa.upsi.edu.my	POSTER & PERSIDANGAN
2	SS20	HASBULLAH B. MUSTAFAR	840817-03-5489	SOCIAL SUPPORT BEHAVIOUR AND RECIDIVISM AMONG PRISONERS IN ONE OF A PRISON IN MALAYSIA: AN EARLY APPROACH	SLAI	012-9071107	s7deed@gmail.com	POSTER & PERSIDANGAN
3	BE20	MOHAMAD RAZIZ B. JAINI	820906-08-5279	DETERMINANT OF TOURISM E-COMMERCE AND ITS IMPACT ON ONLINE BUSINESS PERFORMANCES IN MALAYSIA: A RESEARCH PROPOSAL	MYBRAIN 15	014-2514382	razeez82@gmail.com	POSTER & PERSIDANGAN

4	ST115	JAMILAH BT. HAMID	680929-02-5234	THE DESIGN OF A GOAL DIRECTED EXPLORATION VIRTUAL REALITY POTENTIAL DIAGNOSING SYSTEM FOR DYSLLEXIC CHILDREN (GDEVRPDS) ENHANCING THE SME BUSINESS PERFORMANCE: A PROPOSED MARKETING MODEL FOR MALAYSIAN SMES FIRM	SLAI	012-5239796	hjamilah@fsik.upsi.edu.my	POSTER & PERSIDANGAN
5	BE11	SHEERAD B. SAHID	830629-12-6253		MYBRAIN 15	012-8602162	shed83@yahoo.com	POSTER & PERSIDANGAN
6	-	ROZANA BINTI REDUAN	901208-12-5880	-	MYBRAIN15	014-3572634	rozanaredzuan90@gmail.com	PERSIDANGAN
7	-	AWANG IZZAT FIKRI B. AWANG RASSIM	890804-12-5317	-	MYBRAIN15	010-2945498	fikri.8994@yahoo.com.my	PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KP/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAAN	NO. TEL	EMAIL	PENYERTAAN
1	ENG27	NAHDZATUL FARHANA NAJWA BT. MOHD. TAHA	900624-14-5544	SIMULATION OF LAMINATED GLASS SUBJECTED TO AIR BLAST LOADING	MYBRAIN 15	012-6749377	nahdzatulfarhananajwa@yahoo.com	POSTER & PERSIDANGAN
2	ENG38	NORITA BINTI RIDZUAN	890610-01-5494	EFFECT OF SUGARCANE BAGASSE IN CONCRETE SETTING TIME FOR SUPPLY CHAIN IMPROVEMENT	MYBRAIN 15	013-7169715	norita.mppupnm@yahoo.com	POSTER & PERSIDANGAN
3	ENG2	ALIA SYAFIQAH BT. ABDUL HAWMED	900812-14-5306	THE PERFORMANCE OF WATER TREATMENT SLUDGE (WTS) AS CLAY BRICK MATERIAL	MYBRAIN 15	013-3187264	aliasyafiqah890@yahoo.com	POSTER & PERSIDANGAN
4	ENG32	NOR SYAMIRA BT. HASSAN	900613-03-5788	INSTALLATION OF PILE USING ROTARY-JACKING: ITS EFFECT ON LOAD CARRYING CAPACITY AND PILE-RESPONSE UNDER SUBSEQUENT LOADING	MYBRAIN 15	013-9653504	ixora_nsh@yahoo.com	POSTER & PERSIDANGAN
5	ENG9	FADILLAH BT. AHMAD	900510-07-5736	EXPANDED POLYSTYRENE (EPS)- SOIL MIXED SUSTAINABLE LIGHTWEIGHT SOIL UNDER BLAST LOADING	MYBRAIN 15	013-4195636	fadillahahmad105@yahoo.com	POSTER & PERSIDANGAN
6	ENG40	NUR AINI BT. ROSLI	900113-07-5548	HEAR BUT FAILED TO LISTEN ERRORS IN MAKING SAFE ROAD CROSSING DECISION	MYBRAIN 15	013-7902661	aini_ian13@yahoo.com	POSTER & PERSIDANGAN
7	ENG10	KHAIRUNNISA BT. AHMAD	891003-06-5742	A STUDY OF INDOOR AIR QUALITY IN NATIONAL DEFENCE UNIVERSITY OF MALAYSIA MEDICAL CENTRE	MYBRAIN 15	013-9127227	nieesa.89@yahoo.com	POSTER & PERSIDANGAN

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1	SS17	FAUZIAH HASSAN	830331-01-5120	COVERAGE OF ISLAM RELATED STORIES IN MALAYSIA & INDONESIA BY THE WALL STREETS JOURNAL AND THE TIMES	SLAB/SLAI	019-7908859	hfauziah@gmail.com	POSTER & PERSIDANGAN
2	BE19	PROF. MADYA DR. ROZANAH BT. AB. RAHMAN / MOHD. FAIZ ABDULLAH	690901-10-5258	CONSENT, STANDARD FORM CONTRACTS AND EMPOWERMENT FOR CONSUMERS	SENDIRI	019-3378769	rozanah@upm.my	POSTER & PERSIDANGAN

3	SS1	ABDUL RAUF B. RIDZUAN	800816-14-5583	DESIGNING QUESTIONNAIRE FOR SOCIAL NETWORKING SITES (SNS) FACTORS	SENDIRI	012-3625946	raufsan@yahoo.com	POSTER & PERSIDANGAN
4	BE31	MASJINA BT. MOHAMMED SHAED	851107-10-5378	GENDER AND EMPLOYEE PARTICIPATION IN DECISION MAKING (PDM)	SLAB/SLAI	017-3434766	attic4m@gmail.com	POSTER & PERSIDANGAN
5	ST129	MOHAMAD FAHMI B. BIBON	780217-10-5111	ASSESSMENT ON FOODSERVICE OPERATORS' AVAILABILITY AND PRODUCTIVITY IN FULLY RESIDENTIAL SCHOOLS	SLAB	011-116355278	mr.mohamadfahmi@gmail.com	POSTER & PERSIDANGAN
6	ENG57	NURSAIDA MOHAMAD ZABER	851123-02-6178	CONTROL POSITIONING OF RADIO TELESCOPE USING PID CONTROLLER WITH VARYING PARAMETERS FOR HIGH PRECISION OUTPUT	SLAB/SLAI	013-4569713	nsaida.mzaber@gmail.com	POSTER & PERSIDANGAN
7	ST182	SYARI BIN JAMIAN	811006-01-5879	IMPORTANCE OF PREDATORY INSECT ON LEAF-EATING CATERPILLARS ON BENEFICIAL PLANTS IN OIL PALM PLANTATION	SLAB/SLAI	013-6666607	psua2002@yahoo.com	POSTER & PERSIDANGAN
8	ENG41	NUR HANA BINTI FAUJAN	801218-14-6038	MOLECULAR SIMULATION OF PALM KERNEL OIL-BASED ESTER NANO-EMULSION	SLAB/SLAI	013-2568265	nhanaf@gmail.com	POSTER & PERSIDANGAN
9	ENG45	RABIATULADAWIYAH BT. DANIAL	860611-29-5734	COMPREHENSIVE COMPARISON BETWEEN ALUMINIUM AND IRON ELECTRODES PERFORMANCE IN ELECTROCOAGULATION PROCESS FOR GLYPHOSATE REMOVAL FROM AQUEOUS SOLUTION	MY PhD	019-3663308	adawivahdania@yahoo.com	POSTER & PERSIDANGAN
10	BE9	ZAFIRAH MOHD NOR	850717-04-5478	ASSESSING THE CHALLENGES IN ADOPTING NUTRITIONAL GUIDELINES MANAGEMENT FROM MULTIPLE STAKEHOLDERS PERSPECTIVES IN SCHOOL FOODSERVICE SETTING	SLAB/SLAI	019-7911987	zfirah@gmail.com	POSTER & PERSIDANGAN
11	ST199	SITI HASNAH KAMARUDIN	830420-10-5080	EPOXIDIZED JATROPHA OIL AS NEW PROMISING FUTURE PLASTICIZER FOR POLY(LACTIC ACID) COMPOSITES	SLAB/SLAI	012-7902441	sithas_kam@yahoo.com	POSTER & PERSIDANGAN
12	ENG5	AZURAI DA BINTI AMAT	831211-04-5266	EFFECT OF BAO IN B ₂ O ₃ TeO ₂ GLASS SYSTEM: OPTICAL PROPERTIES	SLAB/SLAI	012-3616204	a.azuraaida@gmail.com	POSTER & PERSIDANGAN

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1	SS14	FADHILAH ABDULLAH ASUHAIMI	851220-71-5004	PUBLIC UNIVERSITIES EFFORT IN DEVELOPING WAQF PROPERTIES IN MALAYSIA	SLAB/SLAI	019-2603845	fadhilahasuhaimi@gmail.com	POSTER & PERSIDANGAN
2	ST136	MUHAMMAD QADRI EFFENDY B. MUBARAK	891029-08-6613	A SIMPLE AND EFFECTIVE ISOCRATIC HPLC METHOD FOR IDENTIFICATION AND QUANTIFICATION OF GLUCOSE IN COMPLEX FERMENTATION BROTH	SLAB	013-2823726	qadri.fendy@gmail.com	POSTER & PERSIDANGAN
3	ST160	NURUL JANNAH BINTI ABD RAHMAN	890119-08-5572	ANTIMICROBIAL STUDY OF FERULATE ESTERS FROM TRANSESTERIFICATION REACTION BETWEEN ETHYL FERULATE AND OLIVE OIL	SLAB	013-3191230	salina@usim.edu.my	POSTER & PERSIDANGAN

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1	ENG34	NORAINI BT. MARSU	850404-01-5438	THERMAL HYSTERESIS OF MEMS PACKAGED CPS BASED 3C-SIC	SLAI	017-8925540	wwwainie85@gmail.com	POSTER & PERSIDANGAN
2	SS28	NIK ROSMAWATI BT. NIK HUSAIN	720427-03-5022	HOW HEALTHY FOOD SERVED AT PRIMARY SCHOOL CANTEN IN MALAYSIA?	SLAI	013-9355393	nikrosmawati.72@gmail.com	POSTER & PERSIDANGAN
3	STI20	NOOR MASTURA BT. MOHD. MUJAR	841129-08-5022	ADHERENCE TO CHEMOTHERAPY AMONGST BREAST CANCER PATIENTS IN PUBLIC HOSPITALS IN MALAYSIA	SLAB	014-3386411	mastura_mujiar@yahoo.com	POSTER & PERSIDANGAN
4	STI33	NURUL SHAHFIZA BT. NOOR	830302-07-5052	URINE ANALYSIS VIA 1H NMR-BASED METABOLOMICS SUCCESSFULLY DISCRIMINATED DENGUE PATIENTS FROM HEALTHY INDIVIDUALS	SLAB/SLAI	013-4808345	nurulshahfiza@gmail.com	POSTER & PERSIDANGAN
5	STI37	NURUL SYAZANA BT. MOHAMAD SHAH	851011-03-5758	FGF FAMILY AS A CONTRIBUTING GENES TO THE NON-SYNDROMIC OF CLEFT LIP PALATE IN MALAY POPULATION	SLAB/SLAI	017-9121482	sva_escroe@yahoo.co.uk	POSTER & PERSIDANGAN
6	STI39	PATIMAH BINTI ABDUL WAHAB	840126-11-5332	CHRONIC CONSTIPATION AMONG THE ELDERLY IN HOSPITAL UNIVERSITI SAINS MALAYSIA: A PILOT STUDY	SLAB/SLAI	019-9195245	patimahabdul@gmail.com	POSTER & PERSIDANGAN
7	SS27	INTAN IDIANA BINTI HASSAN	760517-01-5320	HUSBANDS' KNOWLEDGE ABOUT MENOPAUSE: THE HIDDEN FACTS	SLAB/SLAI	019-9031014	intanidiana@usm.my	POSTER & PERSIDANGAN
8	STI1	ADILA AIDA BT AZAHAR	910927-07-5482	BOOTSTRAP ERROR ESTIMATION ON RGB COLOR MODEL FOR PREDICTING PH VALUE OF THE CARAMBOLA JUICE	SLAB/SLAI	013-5320527	dilla_edilya91@yahoo.com	POSTER & PERSIDANGAN
9	ENG59	NIK AZIAMATOLAKMA AWANG	851021-03-5460	EFFECT OF HD RATIO ON DEVELOPMENT OF AEROBIC GRANULAR SLUDGE (AGS) IN SEWAGE TREATMENT	SLAB/SLAI	019-9042691	nikazimatol@gmail.com	POSTER & PERSIDANGAN
10	ENG3	ANDY ANDERSON BERY	860316-56-5439	RESOLUTION ENHANCEMENT IN ELECTRICAL RESISTIVITY TOMOGRAPHY BASED ON THE DATA SETS AMALGAMATION TECHNIQUE FOR ENVIRONMENTAL STUDIES	SLAI	016-8664968	andersonbery@yahoo.com.my	POSTER & PERSIDANGAN
11	ENG11	HASFALILAH AHMAT	730226-07-5326	PREDICTION OF PM ₁₀ EXTREME CONCENTRATIONS USING THREE PARAMETERS EXTREME VALUE DISTRIBUTIONS (EVD)	SLAB	019-4196305	hasfazilah.ahmat@gmail.com	POSTER & PERSIDANGAN
12	-	MOHD LUKMAN BIN MAT YUSOFF	880915-03-5999	-	LAIN-LAIN	014-5130509	lukman.almoraki@gmail.com	PERSIDANGAN

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1	STI45	IBRAHIM SULAIMAN MOHAMMED	A04435939	A NEW CLASS OF NONLINEAR CONJUGATE GRADIENT METHOD WITH SUFFICIENT DESCENT CONDITION FOR UNCONSTRAINED OPTIMIZATION	SENDIRI	1129371133	kademi4u@yahoo.com	POSTER & PERSIDANGAN
2	SS21	MUZALIFAH BINTI MONIL	840608-01-5940	Preliminary study of Emotional Intelligence and Communication Satisfaction on Job Performance: A Study on Malaysian Hotel Industry	MY PHD	0136314577	muzalifahmonil@gmail.com	POSTER & PERSIDANGAN

3	SS46	NURULSUZILAWATI BINTI SAADON	840214-06-5128	PSYCHOLOGICAL CONTRACT, JOB SECURITY, TRUST AND EMPLOYABILITY AMONG GRADUATES IN MALAYSIAN PUBLIC HIGHER EDUCATION INSTITUTIONS	MY PHD	016-2580478	nurusaadon@gmail.com	POSTER & PERSIDANGAN
4	ST117	KAMILU U KAMIFA	A04865202	ANOTHER MODIFIED NONLINEAR CONJUGATE GRADIENT COEFFICIENT WITH SUFFICIENT DESCENT	SENDIRI	011-29320010	kamfazeer@gmail.com	POSTER & PERSIDANGAN
5	ST146	NOR KHAIRA WAHIDA KHAIRUZZAMAN	881114-05-5556	HEALTH-RELATED QUALITY OF LIFE OUTCOMES OF EPILEPSY FAMILY CAREGIVERS	MY MASTER	0176558804	k.wahida.k.@gmail.com	POSTER & PERSIDANGAN
6	ST155	NUR NADZIRAH AZIZ	891217-11-5696	THE MEASUREMENT OF SEDENTARY BEHAVIOURS USING THE ACTIVPAL™ PROFESSIONAL PHYSICAL ACTIVITY MONITOR AMONG OBESE CHILDREN AGED 9-11 YEARS OLD: THE PRELIMINARY FINDINGS	MY MASTER	0179629526	nurmadzirahaziz@gmail.com	POSTER & PERSIDANGAN
7	ST158	NURUL DIANA DZARALY	880215-11-5314	THE CORRELATION BETWEEN PNEUMOCOCCAL URINARY ANTIGEN WITH PNEUMOCOCCAL VACCINATION STATUS IN PNEUMONIA PATIENTS ADMITTED TO TABUNG HAJI HOSPITAL IN MAKKAH	MY MASTER	019-9802818	diana.dzaraly@gmail.com	POSTER & PERSIDANGAN
8	ST163	RABIU BASHIR YUNUS	A04857652	A NEW HYBRID CONJUGATE GRADIENT METHOD WITH SUFFICIENT DESCENT PROPERTIES	SENDIRI	011-31274622	rabiubashir32@gmail.com	POSTER & PERSIDANGAN
9	ST194	ABDUL GANIYU ABDU YUSUF	A04434330	AN EFFICIENT DISCRETE COSINE TRANSFORM AND GABOR FILTER BASED FEATURE EXTRACTION FOR FACE RECOGNITION	LAIN-LAIN	014-6454273	abulub720@gmail.com	POSTER & PERSIDANGAN
10	SS47	SITI AISHAH MALIKI	860813-46-5682	ETHICAL VALUES FOR DEVELOPING UNWAVERING SELF IDENTITY	MY PHD		sthh_maliki@yahoo.com	POSTER & PERSIDANGAN
11	-	SANI SHEHU	A03844266	-	LAIN-LAIN	010-2909869	sanishehu46@gmail.com	PERSIDANGAN
12	-	TAHIR ABDULRAHMAN ABUBAKAR	A04435639	-	LAIN-LAIN	011-23525811	Abdulb11@gmail.com	PERSIDANGAN
13	-	AHMADU SALEH	A04059604	-	LAIN-LAIN	011-11145832	amsaleh01@yahoo.com	PERSIDANGAN
14	-	ALIYU MUHAMMAD GHALI	A04864777	-	LAIN-LAIN	014-8385703	muhammaddhalil24@yahoo.com	PERSIDANGAN
15	-	ZAHRADEEN SUFYANU	A03724428	-	LAIN-LAIN	014-6451708	sufyanzzz@yahoo.com	PERSIDANGAN

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1	ST179	SITI SALBIAH BINTI HAMZAH	880408-23-5160	USABILITY ATTRIBUTES FOR A QUALITY MOBILE LEARNING APPLICATIONS	SLAB	014-8102216	salbiahhamzah@gmail.com	POSTER & PERSIDANGAN
2	SS23	KHAZAINUN BINTI ZAINI	790317-03-5762	RESIDENTS' PERCEPTIONS ON SAFETY AT SHARED RESIDENTIAL OUTDOOR SPACES IN GATED COMMUNITY: THE EFFECT OF SURVEILLANCE FACTORS	SLAB/SLAI	012-2212502	khaazainunzaini@gmail.com	POSTER & PERSIDANGAN
3	SS42	NORNAZIRA BT SUHAIRUM	840204-01-5856	MODELING AND MEASURING COMPETENCIES FOR SUPERIOR WORK PERFORMANCE IN CULINARY PROFESSION	SLAB	013-7790402	p-nazira@utm.my / nadhazira@gmail.com	POSTER & PERSIDANGAN
4	SS43	ROHAYAH BINTI CHE AMAT	741009-06-5694	THE VALUES OF HISTORIC URBAN LANDSCAPE ELEMENTS OF GEORGE TOWN UNESCO WORLD HERITAGE SITE, MALAYSIA	MYBRAIN15	019-6175557	c.rohayah@yahoo.co.uk	POSTER & PERSIDANGAN
5	ST159	MOHD ARFIAN BIN ISMAIL	850308-06-5363	A MULTI-OBJECTIVE OPTIMIZATION OF BIOCHEMICAL SYSTEM PRODUCTION BY USING NEWTON'S METHOD, GENETIC ALGORITHM AND COOPERATIVE COEVOLUTIONARY ALGORITHM	SLAB/SLAI	012-9577803	marfian2@live.utm.my	POSTER & PERSIDANGAN
6	ENG22	MOHD. KHAIRUL IDHAM B. MOHD. SATAR	850310-01-5429	THE EFFECT OF RECLAIMED ASPHALT PAVEMENT ON RESILIENT MODULUS OF HOT MIX ASPHALT MIXTURES	SLAB/SLAI	012-7352035	khairulidham@utm.my	POSTER & PERSIDANGAN
7	BE7	NUR IZZATI BT. AB. RANI	840906-03-5456	PREDICTIVE MODEL OF FOREIGN COMPETITION IN THE MALAYSIAN CONSTRUCTION MARKET	SLAB/SLAI	013-2006290	alirani_civil@yahoo.com	POSTER & PERSIDANGAN
8	BE16	SITI HAZWANI AZMI	860913-56-5090	MEDIATING EFFECTS OF PRODUCT INNOVATION ON QUALITY MANAGEMENT EXCELLENCE AND ORGANIZATIONAL PERFORMANCE AT LOCAL SMALL-MEDIUM ENTERPRISES	SLAB/SLAI	017-3458024	waniazmi13@yahoo.com	POSTER & PERSIDANGAN
9	ENG18	NOR RUWAIDA BINTI JAMIAN	841015-01-5528	PARTICULATE EMISSION FROM A PALM OIL MILL BOILER: DEVELOPMENT OF PARTICULATE EMISSION FACTOR	SLAB/SLAI	012-7632367	waida84@gmail.com	POSTER & PERSIDANGAN
10	SS48	AZMAHANI ABDUL AZIZ	651114-01-6094	THE IMPACT OF COOPERATIVE PROBLEM-BASED LEARNING IN INCULCATING SUSTAINABILITY AMONGST FIRST YEAR ENGINEERING STUDENTS	SLAI	019-7769250	azmahani@utm.my	POSTER & PERSIDANGAN
11	-	MOHD NAJIB BIN YACOB	870705-23-5651	-	SLAB/SLAI	012-7411750	mohdnajibyacob@yahoo.com	PERSIDANGAN

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1	ST144	HUSSEIN BIN HANIBAH	840510-14-5309	SALT-POLYMER SOLUTION: SOLUBILITY BEHAVIOR OF LICIO4 IN PEOX SOLUTION	SLAB	012-9715898	azizan@ukm.edu.my	POSTER & PERSIDANGAN
2	ST132	NUR ATIRAH BINTI JAAFAR	891105-05-5094	MALAY SPONTANEOUS SPEECH SEGMENTATION FOR SPEECH-TO-TEXT ALIGNMENT	SLAI	-	alirahjaafar@yahoo.com	POSTER & PERSIDANGAN
3	ENG62	HAMIZAH BINTI MOKHTAR	870329-23-5614	DEVELOPMENT OF MEMBRANE MODULE FOR HEAVY METALS REMOVAL	SLAB	013-7791556	hamizah mokhtar <ami_872001@yahoo.com>	POSTER & PERSIDANGAN

4	SS2	IMILIA BINTI IBRAHIM	790602-10-5344	KNOWLEDGE IN REGIONAL ECONOMIC GROWTH IN SARAWAK	SLAB	019-3387515	imilia.ibrahim@gmail.com	POSTER & PERSIDANGAN
5	SS35	SHAMSHIMAH SAMSUDDIN	801031-08-6178	MODELING FOR DISABILITY IN SOCIAL SECURITY: A REVIEW OF METHODS	SLAB	03-55435384	shamshimah@tmsk.uitm.edu.my	POSTER & PERSIDANGAN
6	ST150	SITI SABARIAH BUHARI	761108-14-5276	REDUCING CHILDHOOD OBESITY VIA MULTI-COMPONENT INTERVENTION THE H.E.B.A.TI PROGRAM: RATIONALE, DESIGN, AND METHODS OF A RANDOMIZED CONTROL TRIAL IN MALAYSIA	SLAB/SLAI	012-6329380	sabariahuitm@gmail.com	POSTER & PERSIDANGAN
7	SS33	SYAHRUL BARIAH BT. ABDUL HAMID	830419-04-5332	DOES INFANT FEEDING KNOWLEDGE & ATTITUDE AFFECT MOTHER'S INTENTION TO BREASTFEED?	SLAB/SLAI	013-2884252	svahrulbariah25@gmail.com	POSTER & PERSIDANGAN
8	ST135	MOHD. SUFFIAN SULAIMAN	790425-08-5601	NATURAL LANGUAGE IMAGE QUERY INTERFACE FOR SEMANTIC-BASED IMAGE RETRIEVAL	SLAB	012-6504940	suffian@tmsk.uitm.edu.my	POSTER & PERSIDANGAN
9	SS4	WAN SAMIATI ANDRIANA BT. WAN MOHAMAD DAUD	771024-14-5200	AXIOLOGY OF MALAYSIAN ISLAMIC ART	SLAB/SLAI	012-2750539	samiatiandriana@gmail.com	POSTER & PERSIDANGAN
10	ENG30	NOR FAIZA BT. ABD. RAHMAN	840401-10-5252	INFILING STRAMFLOW MISSING DATA USING NEURAL NETWORK MODEL	MYBRAIN15	012-4545041	doctor_cute84@yahoo.com	POSTER & PERSIDANGAN
11	ENG37	NORHIDAYAH BT. ABDULLAH	790227-10-5288	ANTIOXIDANT ACTIVITY AND PHENOLIC ACIDS QUANTIFICATION IN NANOPARTICLE Z. OFFICINALE RHIZOME	SLAB/SLAI	013-36566846	norhidayah79@gmail.com	POSTER & PERSIDANGAN
12	ENG48	SYARIFAH HANISAH BT. SYED MOKHTARRUDDIN	890817-02-5462	TIMBER WEATHERING USING QUV WEATHER TESTER: A REVIEW	SLAB	013-21119523	svasva3_89@yahoo.com	POSTER & PERSIDANGAN
13	BE2	ENNY BINTI NURDIN SUTAN MARUHUN	740416-71-5100	HOLISTIC DIMENSION OF ENTERPRISE RISK MANAGEMENT (ERM)	SLAB/SLAI	013-2634531	ennynurindinsutanmaruhun@yahoo.com	POSTER & PERSIDANGAN
14	BE3	FARAH AYUNI BT. SHAFIE	831112-02-5446	ECONOMIC INPUT OUTPUT ANALYSIS AS AN APPROACH TO ENVIRONMENTAL ASSESSMENT IN MALAYSIA	SLAB/SLAI	012-5542362	farahayuni1211@gmail.com	POSTER & PERSIDANGAN
15	BE4	FARIDAH BINTI PARDI	760201-01-5498	A CONCEPTUAL FRAMEWORK ON ADJUSTED NET SAVING RATE AS THE INDICATOR FOR MEASURING SUSTAINABLE DEVELOPMENT IN MALAYSIA	SLAI	019-9871942	faridah405@melaka.uitm.edu.my	POSTER & PERSIDANGAN
16	ST118	NOOR AMIERA BT. ALIAS	880209-11-5748	IDIOGRAPHIC EXPERIENCE OF MOTHERS IN RAISING CHILDREN WITH DYSLLEXIA	SLAB	016-2259935	nooramiera.alias@gmail.com	POSTER & PERSIDANGAN
17	BE32	ROSEZIAHAZNI ABDUL GHANI	710307-11-5280	RISK MANAGEMENT PRACTICES AND PERFORMANCE OF FINANCIAL INSTITUTIONS IN MALAYSIA	SLAI	016-9410002	aroseziahaazni@yahoo.com	POSTER & PERSIDANGAN
18	-	MAWAR BINTI MASRI	-	-	SLAB/SLAI	0195648553	mawar_masni@yahoo.com	PERSIDANGAN

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1	ST138	NURZEATUL HAMIMAH BT. ABD. HAMID	791119-06-5260	A CONCEPTUAL NORMS' TRUST FRAMEWORK FOR NORMS ADOPTION IN OPEN NORMATIVE MULTI-AGENT SYSTEM	SLAI	012-2911488	nurzeatul@msk.uthm.edu.my	POSTER & PERSIDANGAN

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1	SS6	ARIHASNIDA BT. ARIFFIN		THE EFFECT OF PBL-A AND PBL-G ON VISUALIZATION SKILLS AMONG POLYTECHNIC STUDENTS	SLAB	012-7910889	hasnida@uthm.edu.my	POSTER & PERSIDANGAN
2	SS38	NOR AZALI B. AZMIR	851221-01-5579	PREVALENCE OF HAND ARM VIBRATION AMONG GRASS CUTTER WORKERS USING QUALITATIVE METHOD	SLAB	017-7180081	azali@uthm.edu.my	POSTER & PERSIDANGAN
3	SS41	NORANIFITRI BINTI MD. NOR	850620-01-5600	CONSTRUCTION OF A CONCEPTUAL FRAMEWORK OF SOCIAL IMPACT RESEARCH MODELS INFLUX OF FOREIGN WORKERS ON THE SECOND GENERATION FELDA	SLAB/SLAI	017-8220089	norani@uthm.edu.my	POSTER & PERSIDANGAN
4	SS25	ZURINA BINTI YASAK	800106-01-5290	LEARNING HIERARCHY TECHNIQUE: IDENTIFYING LEARNING OUTCOMES FOR SKILLS TRAINING COURSE TOWARDS EFFECTIVE TRAINING	MYBRAIN 15	019-73555290	zurina.yasak@gmail.com	POSTER & PERSIDANGAN
5	ST16	CIK FERESA BT. MOHD. FOOZY	840102-06-5174	MALAY LANGUAGE SMS VALIDATION FOR SPAM AND PHISHING DETECTION	SLAI		cikferesa@gmail.com	POSTER & PERSIDANGAN
6	ENG60	SITI SURAYA HUSSIN	840909-01-6672	LEARNING ABILITY THROUGH SENSORY RESPONSE ASSESSMENT BASED ON ELECTROENCEPHALOGRAPHY INTERPRETATION	SLAI	013-7319673	ssuraya@uthm.edu.my	POSTER & PERSIDANGAN
7	ENG61	NADZIRAH BT. ROSLAN	900124-04-5424	MEASURES FOR CONTROLLING TIME AND COST OVERRUN FACTORS DURING EXECUTION STAGE	MYBRAIN 15	019-7071004	nzieraah@gmail.com	POSTER & PERSIDANGAN
8	ENG4	ARIFFUDDIN BIN JORET	750204-04-5343	CST SIMULATION ON GPR SYSTEM USING HORN ANTENNA FOR OBJECT DETECTION	SLAI	019-7200861	ariff@uthm.edu.my	POSTER & PERSIDANGAN
9	ENG12	SAFFUWAN MOHAMED JOHAR	720327-14-5689	WATER DIFFUSION STUDY ON CONTAMINATED SOIL OF SRI GADING INDUSTRIAL AREA, BATU PAHAT	SLAB	013-2831050	safuwana@uthm.edu.my	POSTER & PERSIDANGAN
10	ENG29	NURUL SYAMIMI MOHD SALIM	601220-14-6780	PROCESSIBILITY OF WASTE TO WEALTH GREEN POLYMER (PRO-GREP)	MYBRAIN 15	016-8976986	nurulsyamimisalim@gmail.com	POSTER & PERSIDANGAN
11	ENG31	NUR MUNIRAH BT. ABDULLAH	870114-04-5354	INFLUENCE OF GRAPHITE ON ELECTRICAL PROPERTIES OF BIOPOLYMER COMPOSITES	MYPhD	012-7873459	nurmunirahabuliah87@gmail.com	POSTER & PERSIDANGAN
12	ENG46	NIK NORMUNIRA MAT HASSAN	860816-29-5328	KINETIC ANALYSIS OF RENEWABLE BIOPOLYMER UPON UV IRRADIATION	MYPhD	019-7588527	niknormunira@gmail.com	POSTER & PERSIDANGAN
13	ENG50	NOOR QURATUL AINE BINTI ADNAN	891215-11-5692	EFFECT OF PERCENTAGE RATIO OF MICROPOROUS PROCESSABLE OF FLEXIBLE PLYOL AND BIOMONOMER	MYBRAIN 15	013-7911899	quratulaine75@gmail.com	POSTER & PERSIDANGAN
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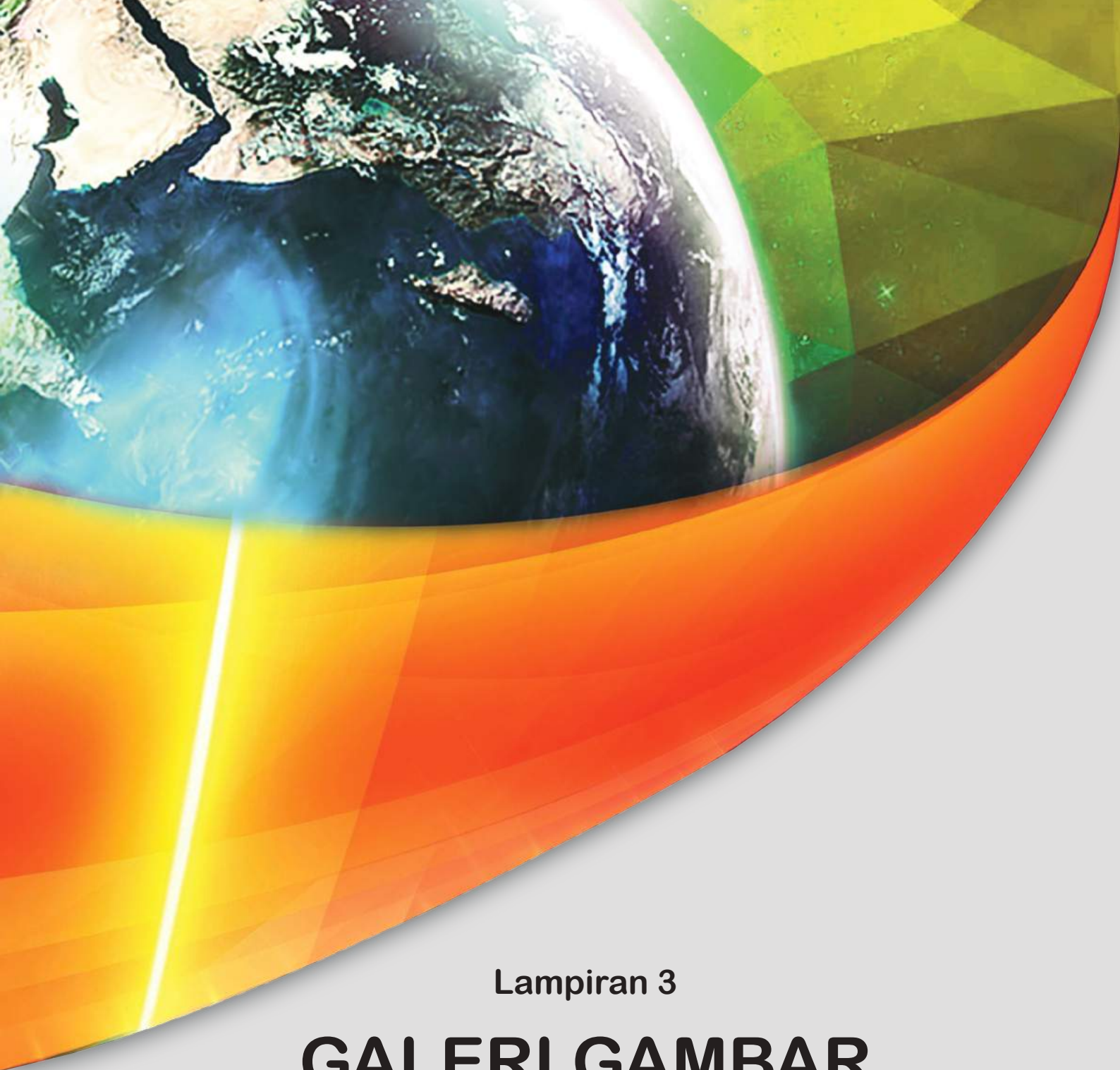
15	ENG52	B. NORERAMA BINTI D.PAGUKUMAN	881007-12-5096	DATA ANALYSIS OF FACE VELOCITY, NOISE LEVEL AND TRACER GAS TEST FOR FUME CUPBOARDS PERFORMANCE ASSESSMENT	MYBRAIN 17	013-5512313	bnorerama@gmail.com	POSTER & PERSIDANGAN
16	ENG53	KHAIRUNNISA BT. A. RAHMAN	800407-05-5050	DEVELOPMENT OF ENERGY EFFICIENCY ESTIMATION SYSTEM (EES) BY USING GREEN TECHNOLOGY APPROACH FOR SUSTAINABLE DEVELOPMENT: PROPOSED STUDY	HLP (KPM)	019-7607001	khairunnisa7480@gmail.com	POSTER & PERSIDANGAN
17	SS15	UMI KALTHOM BTE MAHBIB	660603-01-5396	COOPERATIVE LEARNING AS ALTERNATIVE CLASSROOM IN THE 21ST CENTURY: LITERATURE REVIEW	-	017-7720731	umikalthommahbib@gmail.com	POSTER & PERSIDANGAN
18	ST197	MOHD HAFIZ ASYRAFF B. RAZALI	910421-14-5383	IMPROVEMENT OF SEMI-AUTO FRYER MACHINE TO AVOID SHORT CIRCUIT IN SALLEH FOOD INDUSTRIES	SENDIRI	018 -6681050	Mhafiz_asyraff@yahoo.com	POSTER & PERSIDANGAN

UUM

NO.	KOD ID	NAMA PESERTA	NO. KPI/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAJAN	NO. TEL	EMAIL	PENYERTAAN
1	BE30	SHATINA BINTI SAAD	710930-20-5746	OIL AND GAS SUPPLY CHAIN MANAGEMENT PRACTICES IN MALAYSIA	SLAI	012-4919521	shatsaad@gmail.com	POSTER & PERSIDANGAN

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NO.	KOD ID	NAMA PESERTA	NO. KPI/ PASPORT	TAJUK EXTENDED ABSTRAK	TAJAJAN	NO. TEL	EMAIL	PENYERTAAN
1	ST162	NORHAZLINA BT. HAMID	781021-14-5028	ANALYTICAL CALCULATION OF THE MULTI- CORE MULTI-CLUSTER ARCHITECTURE (MCMCA)	SENDIRI	07-857176515	nh39l@ecs.soton.ac.uk	POSTER & PERSIDANGAN



Lampiran 3

GALERI GAMBAR

**HARI PERTAMA PERSIDANGAN ICPE - 6
-SESI PENDAFTARAN PESERTA-**



**HARI PERTAMA PERSIDANGAN ICPE - 6
-MAJLIS PERASMIAN-**

**KETIBAAN TETAMU KEHORMAT:
DATIN PADUKA IR. DR. SITI HAMISAH BINTI TAFSIR
TIMBALAN KETUA PENGARAH,
JABATAN PENGAJIAN TINGGI
KEMENTERIAN PENDIDIKAN MALAYSIA**



HARI PERTAMA PERSIDANGAN ICPE - 6

**MAJLIS PERASMIAN DISEMPURNAKAN OLEH:
DATIN PADUKA IR. DR. SITI HAMISAH BINTI TAFSIR**



**HARI PERTAMA PERSIDANGAN ICPE - 6
-MAJLIS PERASMIAN-**



**HARI PERTAMA PERSIDANGAN ICPE - 6
-SESI PEMBENTANGAN DAN DIALOG-**



**HARI PERTAMA PERSIDANGAN ICPE - 6
-SESI PEMBENTANGAN DAN DIALOG-**



HARI PERTAMA PERSIDANGAN ICPE - 6

**JAMUAN MAKAN MALAM DI PERKAMPUNGAN IKAN BAKAR
TERAPUNG PARAMESWARA, UMBAI MELAKA**



**HARI KEDUA PERSIDANGAN ICPE - 6
-SESI PEMBENTANGAN DAN DIALOG-**



**HARI KEDUA PERSIDANGAN ICPE - 6
-SESI PEMBENTANGAN DAN DIALOG-**



**HARI KEDUA PERSIDANGAN ICPE - 6
-MAJLIS PENUTUP-**

**MAJLIS PENUTUP DISEMPURNAKAN OLEH:
Y.B DATUK WIRA HJ. MD YUNOS BIN HUSIN
EXCO PELAJARAN, PENGAJIAN TINGGI, SAINS DAN TEKNOLOGI HIJAU DAN INOVASI
NEGERI MELAKA**



**HARI KEDUA PERSIDANGAN ICPE - 6
-MAJLIS PENUTUP-**

MAJLIS PENYAMPAIAN HADIAH KEPADA PEMENANG POSTER



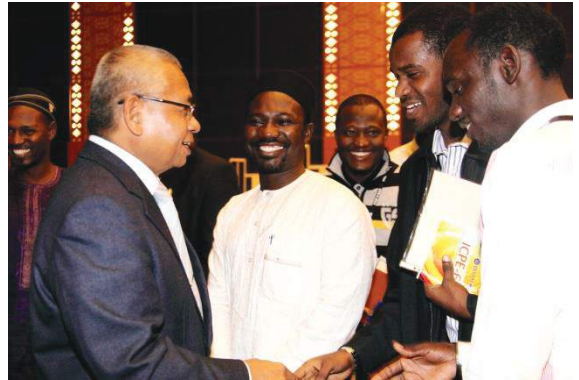
**HARI KEDUA PERSIDANGAN ICPE - 6
-MAJLIS PENUTUP-**

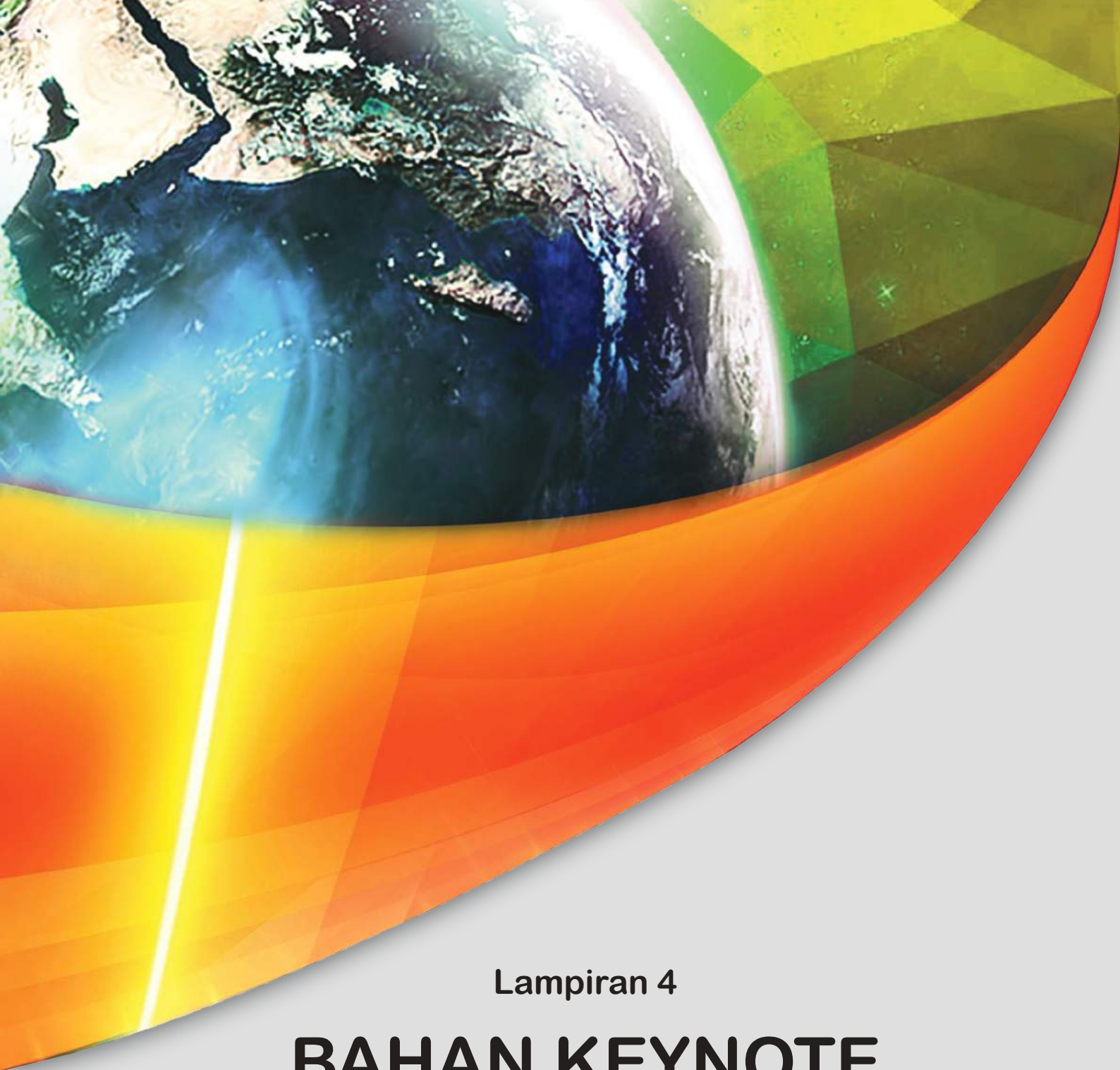
MAJLIS PENYAMPAIAN HADIAH KEPADA PEMENANG POSTER



**HARI KEDUA PERSIDANGAN ICPE - 6
-MAJLIS PENUTUP-**

SESI RAMAH MESRA BERSAMA PESERTA





Lampiran 4

BAHAN KEYNOTE SPEAKER

Datin Paduka Ir. Dr. Siti Hamisah Binti Tapsir

Session 1



Speaker : **Datin Paduka Ir. Dr. Siti Hamisah Bt Tapsir**
Deputy Director General Of Higher Education (Public Sector)
Department Of Higher Education
Ministry Of Education Malaysia

Title : **Transforming Human Capital Towards Sustainable Postgraduate Education in Malaysia**

Biography:

Datin Paduka Ir. Dr. Siti Hamisah binti Tapsir has a PhD in Civil Engineering from University of Leeds, UK and MSc in Civil Engineering from University of Lowell, Massachusetts, USA. She received the Malaysian Construction Industry Excellence Award for research and development. Her other awards include the Woman of the Year 2005 Award for Selangor State, Malaysia. She was the first recipient of the Lady Engineers Award from Institute of Engineers Malaysia (2005) and received two Excellence Service Awards from University of Technology Malaysia (2002 and 2008).

She is one of the board members of the University Quality International Board, Academic City, Dubai. She is also a council member of the Board of Directors University Malaysia Perlis and the Board of Governor, Malaysia Institute for Supply-Chain Innovation. Currently, she is the Deputy Director General of Higher Education (Public Higher Education Management Sector) Department of Higher Education, Ministry of Education and latest she was conferred Darjah Kebesaran Dato' Paduka Mahkota Selangor on 11th December 2013. She has written many books and a few of it are Malaysian Higher Education: Engine for Growth, Going Global: The Landscape for Policy Makers and Practitioner in Tertiary Education, Private Higher Education Malaysia - The Way Forward and Pelan Transformasi Sektor Pengurusan Institusi Pengajian Tinggi Swasta.

Prof. Dr. Imran Ho-Abdullah

Session 2



Speaker : **Prof. Dr. Imran Ho-Abdullah**
Deputy Vice-Chancellor
(Industry and Community Partnerships)
Universiti Kebangsaan Malaysia

Title : **Internationalisation of Postgraduate Education in Malaysia: Aspirations, Challenges and Way Forward**

Biography:

Imran Ho-Abdullah is Professor of Cognitive and Corpus Linguistics at the School of Language Studies and Linguistics, Faculty of Social Sciences and Humanities. After graduating from Otago University with a First Class Honours in English in 1986, he obtained a Diploma in Education (Distinction) at Universiti Kebangsaan Malaysia before joining UKM as an English language teacher. In 2001, he was appointed associate professor and, in 2012, professor. He teaches courses on Corpus Linguistics and Applied History of the English Language. He has been a Fellow of the Cambridge Commonwealth Society since 1990.

Imran has held various administrative positions at UKM. He was the Dean of the Faculty of Language Studies (2000-2001) and Head of Division of Strategic Planning (2002-2005); Deputy Director of Academic Advancement Center (2005-2008) and the Deputy Dean, Social Sciences & Humanities (2010-2011). He was the Director for the Office of International Relations (2011 – August 2014) before being appointed as Deputy-Vice Chancellor (Industry and Community Partnerships).

Prof. Dr. D. P. Dash

Session 3



Speaker : **Professor Dr. D. P. Dash**
Director of Centre for Postgraduate Study and Research,
Swinburne University of Technology, Malaysia

Title : **Successful Multidisciplinary Research : A Practical Approach**

Biography:

Professor Dr. D. P. Dash is the founder editor of the Journal of Research Practice, an indexed journal focusing on developing the practice of research in various domains. He is also the editor of Research World, a graduate journal meant to support research students in developing research skills. Supporting research students has been a key mission for Professor DP. He has pursued this mission in several ways for more than a decade now, including setting up and strengthening research degree programs, establishing support networks for research students, directing research training activities, organising workshops, summer schools, and conferences, mentoring research students and early-career researchers, while maintaining a regular schedule of writing and speaking on related topics. He was instrumental in launching the Borneo Research Education Conference series, which is held every year to develop researchers in the Borneo region.

Prof. Datin Dr. Maryati Binti Mohamed

Session 4



Speaker : **Prof. Datin Dr Maryati Mohamed**
Head of Faculty of Science, Technology and Human Development,
Universiti Tun Hussein Onn Malaysia

Title : **Roles of Centre of Excellence (CoE) in Strengthening Postgraduate Education in Malaysia**

Biography:

Prof. Datin Dr. Maryati obtained her BSc (Biology) from Universitas Gadjadara (Yogyakarta, Indonesia) and PhD (Entomology) from University of London. A tutor/lecturer at Universiti Kebangsaan Malaysia (Bangi) for 16 years since 1976, and at Universiti Kebangsaan Malaysia (Sabah) for 3 years since 1992. Then she joined Universiti Malaysia Sabah (1995), to be the foundation Director for the Institute for Tropical Biology and Conservation for 13 years. Her final administrative duty at UMS was the Dean of Postgraduate Study Centre for 3 years. Currently she is serving Universiti Tun Hussein Onn Malaysia as a Professor at the Faculty of Civil Engineering and the Environment. Prof. Maryati research interest is wide covering the study of insects/animals (taxonomy and ecology especially ants); conservation biology and ethics; traditional knowledge and natural product chemistry; nature tourism and environmental education. She is also into using insects as indicators of water quality. She has supervised 8 PhD and more than 40MSc students. She has written and edited 12 books, translated 5, had more than 50 papers in refereed journals and more than 150 papers in proceeding, articles etc. Her international linkages had been through participation in DIVERSITAS (a global initiatives to support Convention on Biological Diversity), Darwin Initiatives (highest recipient of grants), DANCED, GTZ, ARCBC, GTI, BioNet International (Founder Member), ASEANET, ANeT (President until 2009) and JICA (as Secretary for BBEC1 programme). She was awarded the ASDK (Sabah), KMN and JSM (Federal).

Prof. Dr. Abdul Latif Bin Ahmad

Session 5



Speaker : School of Chemical Engineering,
Universiti Sains Malaysia

Title : **Stay Alert and Active in Publication**

Biography:

Prof. Abdul Latif is an internationally acclaimed award winning researcher and an expert in membrane science and technology. With more twenty years' experience in research, he has now become a prominent figure the field of membrane technology related to wastewater treatment, air pollution control and biotechnology. His enthusiasm and dedication towards his research works have been reflected in his achievements in winning numerous scientific invention awards. To-date, a total of 44 personal achievement awards and 60 research product awards have been won. Prof. Latif was bestowed the TWAS Prize in Engineering Sciences 2012 by the renowned The Academy of Sciences for the Developing World. Recently, he is appointed as the fellow of the Academy Sciences of Malaysia. Last year, he was also being awarded the Rotary Research Gold Medal Award, presented by the Rotary Club of Kuala Lumpur Di Raja. On top of that, the Academy of Science Malaysia has recognized him as one of the recipient of the Top Research Scientist of Malaysia(TRSM) for the year 2012. He was the sole Asian recipient of the Saudi Arabia Prince Sultan Bin Abdulaziz International Prize for Water in year 2006, besides being awarded the 20th Khwarizmi International Award from Iran while in 2013, he was awarded by Korea Invention News with the World Inventor Award for his outstanding research achievement. His active participation in scientific research has also been exhibited by being the recipient of multiple research grants in various disciplines sponsored by government and non-government bodies, with a cumulative value more than RM 27.7 million. His capability in carrying out quality research work of international standard has been further supported by publication of more than 280 articles in high impact factor international refereed journals, with current cumulative citation number of 5468 and h-index of 38. Thomson Reuters has selected Prof Latif among the World Highly Cited Researchers by awarding him "The World Most Influential Scientific Minds 2014". Recently, the country has selected him to be one of the recipients of Merdeka Award 2014. As a tenacious educator, he shows dedication towards the supervision of postgraduate students, by successfully graduating 26 PhD and 60 master students. With his persevering attitude, he is veritably a source of inspiration to hundreds of his former students spread throughout the globe. His vision is that one day membrane research will serve as the niche area of Malaysia's research.

Prof. Iain Densten

Session 6



Speaker : **Professor Iain Densten**
Director of MBA Programme
Monash University Malaysia

Title : **Preparing Graduate Students for the Global Workforce**

Biography:

Professor Densten has worked as a Leadership scholar for over twenty years and has acquired extensive experience as a global educator and researcher. He currently a Professor in the Business School at Monash University Malaysia and is spearheading the MBA launch into the South East Asian market, as the Director MBA International. Previously, he held three professorships at leading international research led universities in Australia and the United Kingdom. Whilst in the UK, he held the position of Professor and Head of the Department of Management and Security at the School of Cranfield Defence and Security, Cranfield University, United Kingdom. Prior to this post, Professor Densten has held two prominent positions at Lancaster University Management School, United Kingdom. He held the position of Professor of Leadership in the Department of Management Learning and Leadership while also being appointed Director of the Lancaster Leadership Centre and its Health Leadership Centre. In 2010, he received the award of a Fellowship from The Leadership Trust, which recognised his expertise and achievements in the field of leadership. Professor Densten's primary research and teaching areas are leadership and its relationship to organisational effectiveness, behavioural complexity, neuroscience, resilience, knowledge management, change and innovation, executives, Australian Business, health, followership, coaching and mentoring, burnout and stress, high performance, research methods, behaviour, learning and development, sustainability, values and culture, and emotions.



**SENARAI ARTIKEL JURNAL
YANG DITERBITKAN DALAM
JURNAL TEKNOLOGI
UNIVERSITI TEKNOLOGI
MALAYSIA (UTM)**

SENARAI ARTIKEL JURNAL YANG DITERBITKAN DALAM JURNAL TEKNOLOGI UNIVERSITI TEKNOLOGI MALAYSIA (UTM) (E-ISSN2180-3722) Vol. 77 No. 32 dan 33

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