To ensure the success of the conference a team of organizing committee comprising of academicians, technical and administrative staffs of the school lead by the chairman; Professor Dr. Hanafi Ismail was formed in early 2015. Several postgraduate students were also part of the organizing team. The postgraduate students organized a half-a day forum session titled: Alumni & Young Scientists Network, Academy of Sciences Malaysia (YSN-ASM) Forum Session attended by many young researchers especially postgraduate students. Active discussion was evoked by the moderators: Mr. Teo Pao Ter and Mr. Mohd Hafiz Zamri with the panelists; Dr. Tan Wai Kian (Toyohashi University of Technology, Japan), Dr. Sam Sung Ting (UniMAP) and Professor Dr. M. Iqbal Saripan (YSN-ASM, UPM). A coffee session with YSN-ASM representative Professor Ir. Dr. Mohd Zainal Abidin Ab Kadir (UPM) was also conducted. Apart from that, a workshop was also conducted under topic 1: Progress in Mineral Resources and Environment Science for Sustainable World. The keynote and plenary speakers of the conference were Professor Adem Kurt from Turkey, Professor Peter Knights from Australia, Professor Yasuhisa Tsukahara from Japan, Professor Ari Handono Ramelan from Indonesia, and Professor Ir. Dr. Ramesh Singh A/L Kuldip Singh and Dr. Chantara Thevy A/P Ratnam from Malaysia. Most of the proceeding papers have been published in Procedia Chemistry, an Open Access journal by Elsevier.

ANUGERAH BUKU NEGARA 2015
25 November 2015 - Profesor Dr. Zainal Ariffin Ahmad telah menerima Anugerah Buku Negara 2015 bagi Kategori Buku Umum Terbaik (Kategori Seni Kraf). Buku bertajuk Seni Tembikar merupakan nukilan Profesor Dr. Zainal Ariffin Ahmad bersama Dr. Abdul Rashid Jamaludin dan Dr. Muhammad Azwadi Sulaiman.

bersambung ke m/s 2...

KEPUTUSAN AKREDITASI PROGRAM PUSAT PENGAJIAN KEJURUTERAAN BAHAN DAN SUMBER MINERAL


IC-GEOE & SIMPOMIN 2015

30 September 2015 - The 8th Geological and Geo-Resource Engineering (IC-GEOE 2015) Conference of the “Asean University Network in Strengthening Engineering Education Development Network (AUN/SEED-Net)” has successfully took place on 29 - 30 September 2015 at Cititel Hotel, Penang. This was a joint-ly organised programme with the Mineral Research Centre (MRC), Department of Mineral and Geoscience Malaysia, Ipoh (7th Mineral Symposium-SIMPOMIN) in conjunction with the 4th “ASEAN-Japan BUILD-UP Cooperative Education Program for Global Human Resources Development in Earth Resources Engineering (AJ-BCEP) School on the Move (SOM) program. The theme of this year’s conference was “Toward Sustainable Development and Management of Mineral Resources”, which was to promote greater networking of academicians and professionals in sharing of common knowledge, facilitating exchange of ideas and to keep abreast with the latest development under the Mineral, Geological and Geo-resources fields such as Engineering Geology, Geothermal, Economic Minerals, Mining, Mineral Processing, Recycling, Remote Sensing, Geophysics etc. within the spirit of ASEAN for improved mineral resource development and management.

This conference attracted about 210 participants from ASEAN member institutions, Japanese universities, SOM, Mineral Research Centre, including representatives from local industries, government bodies and universities. The event was officiated by Professor Dr. Hanafi Ismail, representing the Vice Chancellor of Universiti Sains Malaysia. Two prominent keynote speakers and nine invited speakers were invited for the conference. The first keynote speech was addressed by Tuan Haji Shahar Effendi Abdullah Azizi, the Director of Mineral Research Centre (MRC) with a title of ‘Scenario of Malaysian Mineral Industry and Development’. The second keynote was given by Prof Koichiro Watanabe, who spoke on the ‘International Education Programme in Earth Resources Engineering, AJ-BCEP 2013-2015’.

Both speakers gave stimulating scenarios on the regional progress and development of mining and mineral resources engineering, which to remind us on the current and future trend of mining industries. After the opening ceremony, 18 panels of four to five speakers each were lined up, to run in parallel sessions of three for the whole two days. They covered a broad range of areas of mining, OSH, environmental, engineering geology, mineral processing, applied/industrial mineral, geology, geophysics, geothermal and applied geology.

On the second day of conference, in conjunction with the event held, series of lectures were given by the lecturers of Mineral Resources Engineering to the 4th SOM participants. This program was first initiated in 2012 by the ASEAN-Japanese collaborative committee to offer greater opportunity for the ASEAN and Japanese postgraduate students in geological and geo-resources engineering to learn and participate in building green and sustainable mining industries. It was planned as an eight-day program of learning and experiencing, in which the students were brought to visit few quarries and mines after attended the two days conference.

After two days of inspiring presentations, dialogues, best practices, lively and fruitful discussions, the participants issued a declaration, containing the most important issues raised at the conference, and formulated possible guidelines for future development. The conference was generally regarded as a great success and has contributed significantly to the networking of the scientific community of Geological and Geo-Resource Engineering. The direct collaboration among the ASEAN Universities will continue as well.

**TOKOH PERSATUAN ELEKTRON MIKROSKOPI MALAYSIA**

4 Disember 2015 - Profesor Dr. Hanafi Ismail dinobatkan sebagai Tokoh dalam kalangan ahli Persatuan Elektron Mikroskopi Malaysia (PEMM). Pengiktirafan tersebut diberikan semasa majlis perasmian 24th Scientific Conference of Microscopy Society Malaysia (SCMSM) 2015 yang berlangsung di Melaka. PEMM mempunyai ahli seramai lebih kurang 1,000 orang yang terdiri daripada ahli akademik dan pegawai sains dalam institut awam dan swasta. Pengiktirafan dan penghormatan yang diberikan oleh PEMM ini atas sumbangan Profesor Dr. Hanafi Ismail selama lebih 15 tahun dalam persatuan tersebut.

**MALAYSIA'S RISING STAR AWARD**

3 September 2015 – Professor Dr. Hazizan Md Akl was among of the seven USM researchers who received the Malaysia's Rising Star Award. All together there were 14 researchers from all the public universities who accepted the awards. This acknowledgement was given to researchers with articles published being cited in the top 1% in the world, by referring to the data banks of Web of Science (WoS) Thomson Reuters and Incites. The awards were presented by the Minister of Higher Education, Dato’ Seri Haji Idris Bin Jusoh.

**TOP RESEARCH SCIENTISTS MALAYSIA (TRSM 2015)**

31 October 2015 - Professor Ir. Dr. Srimala Sreekantan was awarded Top Research Scientists Malaysia (TRSM 2015) by the Academy of Sciences Malaysia (ASM). The award ceremony was held at Kuala Lumpur Convention Centre (KLCC). The Academy of Sciences Malaysia (ASM) through the Top Research Scientists Malaysia (TRSM) initiative aims to identify and recognize the leading research scientists who are active in research and development (R&D) in Malaysia, acknowledge their contribution and showcase them as experts in their respective research areas through the TRSM platform.

**MAJLIS ANUGERAH SANGGAR SANJUNG (MASS) 2014**

16 November 2015 - The Sanggar Sanjung or Hall of Fame event which began in 2001 is a special ceremony held to celebrate outstanding contributions of USM staff and Academic Staff Training Scheme (ASTS) Fellows in research, publications, personality, quality, creativity and teaching categories and who had received awards and accolades from both national and/or international agencies for their efforts and achievements. Majlis Anugerah Sanggar Sanjung (MASS) 2014 was held on 16 November 2015 at Hotel Equatorial Pulau Pinang.
14 academicians from School of Materials and Mineral Resources Engineering won award in Publication category: Assoc. Prof. Dr. Ahmad Azmin Mohamad, Dr. Yeoh Fei Yee, Prof. Dr. Hanafi Ismail, Prof. Dr. Hazizan Md Akil, Assoc. Prof. Dr. Khairunisak Abdul Razak, Prof. Ir. Dr. Mariatti Jaafar @ Mustapha, Prof. Dr. Azlan Ariffin, Prof. Ir. Dr. Cheong Kuan Yew, Prof. Ir. Dr. Srimala A/P Sreekantan, Dr. Shah Rizal Kasim, Prof. Dr. Zainal Arifin Ahmad, and Prof. Dr. Zuhailawati Hussain. Prof. Ir. Dr. Srimala A/P Sreekantan won the award for Research product (Commercialization) category for Nano TiO2 Solution. For patent category, Prof. Ir. Dr. Cheong Kuan Yew and his team won the award for their patent entitle Lanthanum Cerium Oxide thin film and its preparation thereof.

SMMRE STAFFS EXCELLED IN PECIPTA 2015

6 December 2015 - The research teams from School of Materials and Mineral Resources Engineering participated in the 14th International Higher Education Institutions Research and Invention Expo (PECIPTA 2015) which was held at Kuala Lumpur Conventional Centre, Kuala Lumpur (4-6 Dec 2015). The exhibition consisted of six clusters, namely (1) Education & Human Development, (2) Agriculture, Aquaculture & Environment, (3) Biotechnology, Life Science & Pure Sciences, (4) Manufacturing Technologies, (5) Information Communication Technology & Multimedia and (6) Health, Wellness & Wellbeing. The researchers had opportunities to meet with industry for potential collaborations via this platform. All of four research teams from our school were excelled in this exhibition by winning one gold medal, one silver medal and two bronze medals. Congratulations to Professor Ir Dr. Srimala Sreekantan (Gold Medal), Professor Dr. Hanafi Ismail (Silver Medal), Dr. Pung Swee Yong (Bronze Medal) and Associate Professor Dr. Nurulakmal Mohd Sharif (Bronze Medal).
26 November 2015 - As part of the inspiration to globalize the university, Universiti Sains Malaysia (USM) has acknowledged the continuous collaboration between USM and Toyohashi University of Technology (TUT, Japan) as one of the programmes which should be further explored and strengthen. Seeing that USM (especially SMMRE) has been working closely with TUT in various research topics since 2005, USM proposed an initiative to systematize the collaboration by setting up a Research Programme titled: Tools for Heavy Metal Mitigation: Detection and Removal from the Environment. Our school lead the team of researchers from both universities (USM and TUT) and a meeting was called to order to discuss on research projects and to reach an agreement on what the programme entails. The meeting was conducted on the 24-26th November 2015 at TUT in Japan and attended by Assoc. Prof. Dr Zainovia Lockman, Assoc. Prof. Dr Khairunisak Abdul Razak, Assoc. Prof. Dr Asrulnizam Abd Manaf, Dr Elmi Abu Bakar and from TUT side Prof. Atsunori Matsuda, Dr Tan Wai Kian, Prof. Kazuaki Sawada, Prof. Akihiko Matsumoto and Prof. Naoki Uchiyama. A separate meeting with the Vice President of TUT; Prof. Mitsuteru Inoue and for the preparation of the necessary documents, a meeting with Mr. Kiyohiko Kuroda and Prof. Lim Pang Boey (Center for International Education) were also conducted. Apart from meetings and discussions, the group also took the opportunity to visit the laboratories in TUT. The research programme will be started in 2016 and among other things, it will promote students exchange from TUT to USM and USM to TUT. Mobility of researchers is believed to be the key in producing postgraduate with more international exposure.

JELAJAH USTAZ SIRI 4 ANJURAN MIMATES


LAWATAN KE CAMERON HIGHLAND

HARI PPKBSM 2015


Antaranya, aktiviti yang diadakan adalah acara sukaneka staf dan ahli keluarga seperti rebut gula-gula, "bowling" dewan, gelecek punya gelecek, hoki botoi, lenggang Mek Ja, sepak raga/bulu ayam, gelung hula hoop, tamparan wanita dan lontaran cinta bersemi. Acara juga diselang-selakan dengan cabutan bertuah dan seterusnya penyampaian Anugerah Kualiti Staf yang cemerlang di sepanjang tahun 2014. Berikut adalah senarai penerima bagi Anugerah Kualiti Staf:

1. Staf pentadbiran & Pegawai Latihan Vokasional Terbaik – Cik Noor Hakishah Binti Samsudin
2. Makmal Terbaik –
   a. Encik Mohd Azam Bin Rejab - Makmal Bahan Elektronik
   b. Encik Mohammad Azrul Bin Zainol Abidin - Makmal Kimia
3. Perolehan Geran Penyelidikan Tertinggi Tahun 2014 – Prof. Ir. Dr. Srimala a/p Sreekantan
4. Penerbitan Jurnal ISI Kumulatif "Impact Factor" Tertinggi Tahun 2014 - Profesor Dr. Hanafi Ismail
5. Pencapaian Penerbitan Ranking Tertinggi Mengikut Kategori Bidang dalam Jurnal ISI Tahun 2014 - Profesor Dr. Zainal Arifin Ahmad
7. Anugerah Sukan Staf
   a. En. Mohd Ali bin May
   b. En. Mohamad Syafiq bin Mustapa Sukri
   c. En. Muhammad Sofi bin Jamil
   d. En. Mohd Suharudin bin Sulong
8. Anugerah Penjanaan Kewangan Melalui Konsultansi / Pengkomersilan
   Prof. Ir. Dr. Srimala a/p Sreekantan

PENGANUGERAHAN IJAZAH ANUMERTA


KEJOHANAN PING PONG TERTUTUP PPKBSM 2015


Aktiviti Hari PPKBSM 2015
Getting to Know Plagiarism

Norazharuddin Shah Abdullah1, Siti Kartini Enche Ab Rahim2, Wan Fahmin Faiz Wan Ali1

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Abstract

Plagiarism is a worldwide issue that is harming the academic fraternity. Due to more plagiarism cases being exposed (some being high-profile), it is hard to deny that plagiarism is now getting from bad to worse. This article hopes to introduce what plagiarism is, the types and why it happens, and how perhaps, this sickness could be eradicated.

Introduction

Although the extent is relatively unknown locally, plagiarism, being a global issue, is getting more critical attention at top universities around the world. For example, in 2006, the Guardian reported that plagiarism is rife at Oxford, where the year before, 10 cases of 'intentional or reckless' plagiarism were detected, most were found guilty [1]. Two years before that, in 2004, three Harvard professors, namely Dershowitz, Ogletree and Tribe were caught 'misusing source' for their research work [2,3]. In 2008, the BBC reported that in a survey organized by the University of Cambridge student’s paper found out that 49% of the respondents admitted to a wide range of plagiarism, and only 20 students were caught [4].

Further reading indicates that in each of the cases, early detection of plagiarism came from individuals familiar with the subject matter, and later confirmed using electronic detectors. Sadly, plagiarism is not an academic-only ailment. In the year 2000, Michael Bolton (yes, the singer) was slapped with a seven-figure fine when one of his songs was proven to be plagiarized from another song [5]. In a latest furore, Tokyo's 2020 Olympic Logo was controversially withdrawn due to allegations of plagiarism [6]. This indicates that plagiarism now is very much in the society; exists not only in the academic domain, but in daily life as well. This does not bode well; plagiarism taints the learning cycle, contaminates the evolution of education, pollutes the intensification of intelligence, defiles wisdom and infects the sanctity of knowledge.

Defining Plagiarism

In order to understand the problem, the subject matter needs to be defined. Plagiarism has been extensively defined. For example, the Oxford Dictionary defines plagiarism as “the practice of taking someone else's work or ideas and passing them off as one's own” [7]. Merriam-Webster meanwhile not only agrees to the first definition but also added "use (another's production) without crediting the source". It believed that the Latin word ‘plagiarus’ (meaning kidnapper), is the root to the current English word ‘plagiarize’ [8,9]. Thus, please bear in mind that plagiarism is not limited to a product to be made public (e.g., journal publications, paintings to be displayed in a gallery, lecture notes on the world wide web, a design of a device to be used by a production line in a factory, etc.). It constitutes everything that one may gain from. So literally, plagiarism can be defined other's work for one's own profit. By doing so, one may stereotype plagiarism to be largely related to something written. The fact that textual plagiarism can be spotted much easier eases the spotlight on its equally serious counterpart, i.e., in drawings, music, painting etc. [5,6,10]. Many authors (on plagiarism) expressed that the boundaries of plagiarism in research are unclear. Due to this, an increasingly substantial amount of work nowadays contain elements of repetition, where 'the actual source is not properly acknowledged'.

Plagiarism can be grouped into four major categories, as per Figure 1. The same figure also displays the most probable and more common causes in committing plagiarism [11-14].

a. Accidental; this covers the minute chance of what was being written or submitted, have been reported elsewhere, in a similar way, unknowingly. 'Accidental' here also covers the 'ignorance of the law' circumstances, which include not understanding what governs plagiarism and poor understanding of citations and referencing systems [10]. Often, the replies may be 'Somehow, we (the perpetrator and the original author) are in the same wavelength...' or 'It is just amazing how strongly we agree on things...' and may even be 'I don't know, by sheer piece of luck, or a moment of genius, we just say things similarly...'

This may be improved by training and understanding. If the act is purely accidental, then, it may not be repeated once the perpetrator is aware of what to do (and of course, what not to do!) [13]. Perhaps, technical paraphrasing may also be a key here. Technical paraphrasing is deemed as one of the basic skills in technical writing, and should be known / understood by postgraduates in general. Please however, do bear in mind, that rearranging words in different ways does not constitute the act of technical paraphrasing. Ideas still need to be acknowledged (it does not mean that if you present something in a different form, you can do without citing the original!), but technical paraphrasing allows one to digest, expand, relate, rebut and conclude. By doing so, some originality will surface in terms of critical argument and structured/logical opinions, making this worthwhile as an addition to the knowledge body.

b. Non-intentional; this takes care of honest mistakes, e.g., failure to cite, missing citations, rearrangement of adapted facts, and so on. It also covers the co...
the point where the perpetrator’s thinking and style are very much influenced by his/her major references. Some sample reactions include ‘... I forgot, this point did come from somewhere...’ or ‘...the sentence/paragraph is so good that I can do nothing to make it mine...’.

In this case, technical paraphrasing may not be the best alternative. The first section of (b) which highlighted failure to cite, missing citations and rearrangement of facts, may well be improved by one with experience (on that subject matter), or in fact, in academic research, for example, the supervisor [10,13].

c. Self-plagiarism: using your own work in a different form/way without citing the original piece of work. Some replies may be in the form of ‘...well, I thought of this, so I can use it wherever and whenever.’ or even, ‘... err... should I self cite? Come on, I am not going to stoop that low!’. Regardless. Please note: When you write something original, it does not remain original. So, please cite.

In this case also as per (b), technical paraphrasing may not be the best alternative. Again, doing without self plagiarism will need guidance and constant practice.

Self-citing is not taboo, or even frowned upon, unless done out of proportion. Done proportionately, it brings much more good than harm!

d. Deliberate: the blatant act of copying without permission, knowingly (that this is against the law), and passing it as your own. No further explanation needed here.

This is the most worrying of the lot. It has been discussed by many writers in the field of plagiarism that individuals committing plagiarism this way are the most difficult to detect, and most difficult to correct/fix [10,14]. Some individuals committing plagiarism in this category are obsessed in getting whatever they want, by hook or crook. Education and training on plagiarism may work, but it remains to be seen whether there will be personal character improvement (in this case, for plagiarism), without the element of fear.

Plagiarism happens when there is need, or pressure. It also happens when ‘ignorance happens to be bliss’. For example, the dissertation is due next week. One can be thinking, ‘Why don’t I just copy some parts and change it a bit, that is going to save me some time!’ and ’Once I cite them, it should be fine!’ Plagiarism can also be rampant when it is conditioned (i.e., no policy, legislation or tools to control). ‘The examiners are not going to read my submitted article word by word!’ Or even ‘The university has a software to check, but no one never uses it.’ Sometimes, it may be ‘It is not a must anyway to use such detection tools.’ Or ‘I do not think they have a rule for this.’ Knowing about poor enforcement also prompts plagiarism to be rampant. ‘They did nothing when a friend was caught.’ It is even worse when even supervisors cannot guide or advise their students on poor writing ethics and plagiarism.

It is interesting to note that this ‘supply and demand’ chain (supply will be from the vast information available, and demand can be time, i.e., deadlines, or even the need to get good grades) needs to be broken. For intentional offenders, they should not only be reprimanded, but slapped with stiff penalties. Here comes the element of fear. Good governance on plagiarism (e.g., with strict codes of conduct and severe disciplinary actions, etc.) will definitely deter plagiarism. It comes to a point where an individual wanting to commit plagiarism would think, ‘...it is not worth it, I am not going to take the trouble to be rusticated or expelled, just because I copied someone else’s work...’ or ‘...I’m definitely going to get caught if I do it!’

Conclusion: Isn’t this everyone’s responsibility?

This article introduced plagiarism by explaining what it means. This article also exemplifies the types of plagiarism and what we think that allows plagiarism to transpire. It is also presented in brief, how plagiarism can be countered. We believe that prevention is better than cure. It is also noted that no single action, including the usage of a state of the art electronic plagiarism detection tool, can wipe-out plagiarism. In fact, in the war against plagiarism, an integrated mechanism, which covers governance, usage of various detection tools (including supervision), education and awareness (on plagiarism and good practise) at different levels need to be formulated. This is seen by many to be the first concrete step in making a difference on plagiarism. At the cellular level, as for us individuals, it is imperative to understand plagiarism, promote it to our peers as a disease, and say ‘No!’ to it. It is after all, everyone’s responsibility.

References


KEJURUTERAAN BAHAN

TAHUN 1
JANET KIEW LI SIANG
KHOK YI THUNG
NG YI CHENG
ISAMUDDIN BIN MOHAMED IQUBAL
LEW MEI PEI
TAN YEE WERN
ANG XUE YONG
LIM SIN JUO
ONG CHIA CHIA
LIM WAN XUAN
PAULINE KONG SWEE KEI
SOO QIAN YEE
TAN MING XI
YAP SAW YIN

TAHUN 2
CHAI SHIR YING
WONG CHEE LEONG

TAHUN 3
AARON TAN CHENG SHIONG
FUN YAN CHIN
TAN JIA SHENG
FAIZ ZUHAIRY BIN REDZUAN
LIM ZE EN
LOH WAI CHEONG
OOI CHIA YING
LIM CHUN MING
TAN PENG PHIN
TAN JOO KEAN
TEH JIN JIAN
WONG KAE YUAN
SOO SOCK KUAN
KHOR YONG LING
LEE ANGIE
SOO KUAN LIM
THOR JIN ANN
CHEAH WEI KIAN
ONG YEE CHIN

TAHUN 4
BEH CHIN YE
CHAN JI KIT
WONG PHUI JIN
YONG XUAN HUI
LIM SHI HONG
CHONG SU FANG
LAW HON KIN
LEE WEI KEAN
LOO FOONG LING
POH YONG WEI
TAN ZHI QIN
CH'NG MUN SUNN
FOONG SUET KAY
TENG JIN WEN
WONG SI MIN
LEONG TENG TENG
LOW SU YEIAN

KEJURUTERAAN POLIMER

TAHUN 1
CHAI JUNYI
THNG CHIN SHENG
OO YEW HUI LIK
PITIPHONE SRI SUWAN A/L IA LUN
TEW MAEI NEE
YAW CHOOON WAI
ANG LEE YONG
CHAI PEI WEN
BONG Poh YEE
LIM YUAN TING
TAN MEI PING
CHUAH KIAN SHIANG
TAN SIEW MIAO

TAHUN 2
DARRYL WONG JUN CHEN
CHUA JING TING
CHOW LI CHIN
YAP CIA LING
SIEW TUCK SEONG
ONG MUN YEE
NG CHI LOON

TAHUN 3
CHIEW KUAN ZHENG
LOH LEH HEE
NEO EN PEI
LEONG SIEW THUNG
THAI GAR LOCK
CHAI POI SENG
SOO HUI FEN
TEH YE SAM
JONG CHENG KIAT
GAN IVY

TAHUN 4
DEENA DEANNA BT AZHAR
SYUKRIYAH BINTI MOHD YUSSOF
LING LEE YING
NOR LIANA BINTI MOHD FOUZI
LEE CHEE KEONG
LIM WEE KIAN
NURUL FARZANA BINTI GAFRI
JOYCE A/P MICHAEL RET-
NAsINGAM
KUWN MOEI TING
LEE KAH CHOON
LIM YU HSIEH
SIN YIN TIN
WANG LEONG KWN
CHUA LANT TATT
TIUN TZE THING

KEJURUTERAAN SUMBER MINERAL

TAHUN 1
TIADA

TAHUN 2
SUCHITRA A/P PERUMAL

TAHUN 3
SITI NAZALINDA BINTI ABDUL AZIZ
FATIN ASYHIKIN BINTI MOHD SHARIFF
MOHAMAD AMIR SYAFIQ BIN MAN-
SOR
AHMAD ASHRAF BIN RAMLI
KIMBERLY TAY SHU YEN
MAISARAH BINTI AHMAD BAKARI

TAHUN 4
NUR ZAFIRAH BINTI NOOR
MOHAMAD
NOR ATIKAH BINTI RAMLI
NOR FAYRA BINTI MD ZAHIR
MUHAMMAD NOR SALAM BIN ABD RANNI
KHONG LING HAN
AHMAD SHAHIDIN BIN ABU
BAKAR
CHIK KEIN YANG
PUGALYENTHIRAN A/L SINAIYAH
YAO BENJAMIN
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<td>1</td>
<td>Lee Ting 30 July 2015</td>
<td>Ph.D</td>
<td>Synthesis of Nanoporous Activated Carbon Fibre From Empty Fruit Bunch Fibre for Methane Gas Adsorption</td>
<td>Dr. Yeoh Fei Yee Prof. Dr. Radzali Othman</td>
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<td>Tham Wei Ling 13 August 2015</td>
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<td>Prof. Dr. Chow Wen Shyang Prof. Dr. Zainal Arifin Mohd Ishak Assoc. Prof. Dr. Poh Beng Tek</td>
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<td>Siti Salwa binti Alias 17 August 2015</td>
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<td>Assoc. Prof. Prof. Ahmad Azmin Mohamad Assoc. Prof. Dr. Zulkifli Mohamad Ariff</td>
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<td>Teguh Darsono 2 September 2015</td>
<td>Ph.D</td>
<td>Study of Electron Transport on Gold Nanodot-Silicon Interface Grown by Scanning Probe Microscope (SPM)</td>
<td>Assoc. Prof. Dr. Sabar Derita Hutagalung Prof. Ir. Dr. Cheong Kuan Yew Prof. Dr. Zainal Arifin Ahmad</td>
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<td>6</td>
<td>Faisal Budiman 22 September 2015</td>
<td>M.Sc</td>
<td>The Formation of Iron Oxide Nanowires by Thermal Oxidation for Cr(VI) Removal by Adsorption</td>
<td>Assoc. Prof. Prof. Ahmad Azmin Mohamad Assoc. Prof. Dr. Zulkifli Mohamad Ariff</td>
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<td>Assoc. Prof. Prof. Ahmad Azmin Mohamad Assoc. Prof. Dr. Zulkifli Mohamad Ariff</td>
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<td>Muhammad Safwan bin Hamzah 19 October 2015</td>
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<td>Preparation and Characterisation of Porous Chitosan Membrane for Proton Batteries</td>
<td>Assoc. Prof. Prof. Ahmad Azmin Mohamad Assoc. Prof. Dr. Zulkifli Mohamad Ariff</td>
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<td>Preparation and Characterisation of Porous Chitosan Membrane for Proton Batteries</td>
<td>Assoc. Prof. Prof. Ahmad Azmin Mohamad Assoc. Prof. Dr. Zulkifli Mohamad Ariff</td>
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<td>11</td>
<td>Nwe Ni @ Nwe Ni Hlaing 9 November 2015</td>
<td>Ph.D</td>
<td>Synthesis and Characterization of CaCO3 and Zr-Ce-Ca(OH)2 for CO2 Adsorption</td>
<td>Prof. Ir. Dr. Srimala a/p Sreekantan</td>
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<td>12</td>
<td>Abdul Rashid bin Jamaludin 11 November 2015</td>
<td>Ph.D</td>
<td>Fabrication of High Performance Foam Structure for Porous Medium Burner</td>
<td>Prof. Dr. Zainal Arifin Ahmad Prof. Mohd Zulkifly Abdullah Dr. Shah Rizal Kasim</td>
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<tr>
<td>13</td>
<td>Nur Ariffah binti Md Sani 5 November 2015</td>
<td>M.Sc</td>
<td>Characterization of Naval Oil-Ni-Ag-P and Ni-Cu-P for Electronic Industry Application</td>
<td>Assoc. Prof. Dr. Nurulakmal Mohd Sharif Dr. Anasyida Abu Suman</td>
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<td>14</td>
<td>Abdul Rashid bin Jamaludin 11 November 2015</td>
<td>Ph.D</td>
<td>Fabrication of High Performance Foam Structure for Porous Medium Burner</td>
<td>Prof. Dr. Zainal Arifin Ahmad Prof. Mohd Zulkifly Abdullah Dr. Shah Rizal Kasim</td>
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<td>16</td>
<td>Seng Sophea 16 November 2015</td>
<td>M.Sc</td>
<td>Evaluation and Processing of Andalusite Mineral From Terengganu, Malaysia</td>
<td>Assoc. Prof. Prof. Hashim Hussin Assoc. Prof. Dr. Kamar Shah Ariffin</td>
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<td>17</td>
<td>Ng Soo Ai 17 December 2015</td>
<td>Ph.D</td>
<td>Fabrication of Gold Nanoparticles Using Low Hydrothermal Reaction for Memory Application</td>
<td>Assoc. Prof. Dr. Khairunisaq Abdul Razak Prof. Ir. Dr. Cheong Kuan Yew</td>
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**Visitors to the SMMRE (July to December 2015)**

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<td>JICA</td>
<td>AUN SEED-Net Ex-Post Evaluation visit</td>
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peanut shell powder/recycled polypropylene composites due to natural weathering, Journal of Vinyl and Additive
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<td>Hanyani Syaza Ahmad, Hanafi Ismail, A. Rashid (2015). Ethylene vinyl acetate as compatibilizer on cure characteristics and mechanical properties of (natural rubber)/(Recycled acrylonitrile butadiene rubber) blends, Journal of Vinyl and Additive Technology,DOI:10.1002/vnl.21478.</td>
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<td>Hazwani Syaza Ahmad, Hanafi Ismail, Azura Abd Rashid (2015). ENR-50 Compatibilized Natural Rubber /Recycled Acrylonitrile Butadiene Rubber Blends, Sains Malaysiana, 44(6) , pp.835-842.</td>
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**AKTIVITI HARI PPKBSM 2015**

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Buletin Enjinier, Jan 2016