

UNITEN'S GENERATIONS

The magazine for alumni and friends of
Universiti Tenaga Nasional

PP 16336/03/2011 (029650)/ISSUE 2/JULY 2010



An Audience with the Prime Minister of Malaysia

25 Mac 2010



UNITEN *A Celebration Of Excellence - AKIPM*

**GETTING TO KNOW
DR. SHAARI MD NOR**
PAGE 4-5

**UNITEN: A CELEBRATION
OF EXCELLENCE**
PAGE 20

PERODUA ECO-CHALLENGE 2010
PAGE 17

**A ROYAL ADDRESS BY
HRH RAJA NAZRIN SHAH**
PAGE 12

Contents

- 3 Foreword By Deputy Vice Chancellor (Student Affairs, Alumni & Management) /
From The Director's Desk
- 4 - 5 Getting to know Dr Shaari Md Nor
- 6 Support staff of Kampus Sultan Haji Ahmad Shah
- UNIVERSITY NEWS**
- 7 - 11 Professorial Lecture Series
- 12 A Royal Address by HRH Raja Nazrin Shah-Values And Beliefs: The Compass For
The Young Towards Creating Brighter Future
- 13 MTE 2009
SIFE UNITEN
- 14 PeciPTA 2009
Robogamez 2009
- 15 UNITEN Elite
UNITEN'S Open Day
- 16 Solar Ranger 1
MTE 2010
- 17 ITEX 2010
UNITEN Emerges Champion in Perodua Eco-Challenge 2010
- 18 Launching of UNITEN IEPRe
Copenhagen and Beyond by Dr Rajendra K. Pachauri
- 19 UNITEN voted World Class Winner of International Asia Pacific Quality Awards
An Audience with the Prime Minister of Malaysia
- 20 UNITEN Soars Higher
UNITEN A Celebration of Excellence- AKIPM
- KNOWLEDGE SHARING**
- 21 - 22 Solar Cooling in Malaysia
- 23 - 24 Alumni's expectation of their alma mater
- ARC ACTIVITIES**
- 25 UNITEN Alumni scales Mount Kinabalu
- 26 ARC turns 2
Visit by delegates from Shiga University
- 27 Creating Awareness at the Orientation week
An evening with Joe Eades
- ALUMNI NEWS**
- 28 Where are they now?
- 29 Pre-convo Reception
- 30 - 31 2009 Graduation
- 32 Honourary Doctorate to Dr Mohamed bin Awang Lah
- 33 - 36 2009 Award recipients
- 37 - 41 My UNITEN, My Alma Mater
- 42 - 54 A Glimpse of our achievers
- 55 Looking for UNITEN Graduates?
- 56 Wedding Bells
- 57 Adopt-a-cell on the Solar Ranger
- 58 Alumni in business
- 59 Alumni Registration Form
- 60 Things we do for you

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FOREWORD BY DEPUTY VICE CHANCELLOR

(STUDENT AFFAIRS, ALUMNI AND MANAGEMENT)

The accomplishments and achievements of an alumnus are vital as it bears testimony to the success of the university to produce resilient as well as quality graduates to build a strong alumni community. There are currently 12,000 graduates and this 2nd issue of UNITEN's Generations is one way in keeping our alumni abreast of their alma mater's developments and happenings. The portal also serves as another communication tool to enable you to interact and act as a social networking site among your cohorts.

This magazine includes a survey on what an alumnus expects from their alma mater. Your final examination and graduation are not the end of your relationship with UNITEN. In fact, we encourage you to share your success stories with us that will inspire our students to reach for greater heights. We were pleased to receive positive feedback on our first issue and hope that you will let us know what articles you would like to see featured in our next magazine.

Alumni Relations Centre (ARC) plays an important role in generating relationships between the alumni, university and student community. I would like to urge you all to participate in the centre's activities or arrange class reunions where you can re-establish ties with your former friends and classmates. We also welcome you to share your working experience and insights in your fields of expertise among our students and perhaps offer placement opportunities. What better way than by sharing knowledge and values that will enable us to learn and benefit from each other.

UNITEN is looking towards introducing and developing a new paradigm in creating a "Green Campus" where students will be taught to safeguard the environment and to equip them with broad thinking skills. This can later be applied in their working life. Do share with us your creative ideas or suggestions as we embark in creating an economical and sustainable environment to combat global warming. I look forward to welcome you home!

Best wishes,



Dr. Mohamed Nasser Bin Mohamed Noor
Deputy Vice Chancellor
(Student Affairs, Alumni and Management)

FROM THE DIRECTOR'S DESK

First and foremost, I would like to congratulate all Sahabat UNITEN and alumni who have contributed and participated in the publication of the second issue of UNITEN alumni magazine, UNITEN's Generations. I would also like to acknowledge that this second issue of UNITEN's Generations was started and almost completed by the former Director of Alumni Relations Centre, Dr. Chua Kok Hua. We will continue to communicate with our alumni through UNITEN's Generations in the future and we plan to improve it further by issuing the magazine online over the internet. We have planned to have an e-magazine to replace the paper-based UNITEN's Generations as an initiative for UNITEN to become a green campus and to move forward towards achieving sustainable development.

Alumni Relations Centre has gone through two major organizational transformation. The first was the incorporation of the Careers Unit from Student Affairs Centre in May 2010. The second transformation, was the setting-up of a Sponsorship Unit in July 2010. These organizational improvements would enable a more synergistic offering of services to the alumni and students. We invite all alumni to participate in our career programs such as to be the career coach or mentor to students in the Alumni Mentoring Program and as a volunteer in our Job Shadowing Program. We also hope that our alumni can continue to promote UNITEN's academic programs by emphasizing the added value services of sponsorship management for students studying in UNITEN.

To date, UNITEN has a total of 11,568 alumni and the number is growing every year. We invite all of our alumni to keep in touch with us because we would like to know your life experiences after you have left UNITEN. We will share your success stories and experiences with other alumni and students through this magazine. Your stories can be a source of inspiration for students to study hard and smart to become a professional like you after graduation.

Thank you and best wishes!

Mohd Sufian Abdul Karim
Director
Alumni Relations Centre



GETTING TO KNOW

DR. SHAARI MD NOR - early days at IKATAN

Institut Kejuruteraan Teknologi Tenaga Nasional (IKATAN) is the predecessor of Universiti Tenaga Nasional or UNITEN. I first heard the name in the year 1994 when I was approached by Y. Bhg. Dato' Abdul Aziz and Dr. Tajul Arus to join IKATAN. Dato' Abdul Aziz was the TNB's director of human resource and Dr. Tajul Arus was the Rector of IKATAN at that time.

Lembaga Letrik Negara (LLN) or Tenaga Nasional berhad (TNB) through Yayasan Tenaga Nasional have been sending countless young Malaysians who excelled in their education at SPM level to do their first degree overseas and local universities either in engineering or accountancy programs. And at the same time LLN and TNB also sent some of its staff to do postgraduate studies to enhance their knowledge and competency in their respective fields. But most of them were sent to overseas universities. This had been part of LLN/TNB human resource policy to select brilliant, deserving students and staff to pursue tertiary education which are necessary to steer the organization towards excellence.

With the privatization of LLN into TNB, Tan Sri Ani Arope was appointed as its first executive chairman and amongst other things he proposed the idea to establish an institution of higher learning to be known as IKATAN. Tan Sri Ani Arope have always been passionate with regards to education and he wanted more and more TNB's staff to acquire tertiary education due to his belief that knowledge workers are an important asset to any organization for they are the essential drivers of change in pursuit of creativity, innovation and excellence. Therefore, having educated and well trained competent workforce at all level of the organization will ensure continuous new ideas and innovation in pursuit of excellence and to the satisfaction of its stakeholders. Furthermore, the cost of sponsoring a student to an overseas university is more expensive if compared to sending them to local universities. In comparison, we can say that the cost of sending one student overseas is almost equivalent to sending about 8 to 10 students to local universities. IKATAN will not only produce skilled, knowledgeable and competent graduates for TNB but also for the nation. It is from this belief that IKATAN was born in 1994.

IKATAN could not have its own degree, so TNB entered into an agreement with IUPUI (Indiana University- Purdue University at Indianapolis) from USA, Lincoln University from New Zealand, Ohio University also from USA and University of Malaya. With IUPUI the arrangement is to offer a twinning program in Mechanical and Electrical/Electronic Engineering Bachelor degree on a two plus two arrangement whereby the students will do the first and second year at IKATAN and later complete their third and fourth year at IUPUI or any other selected American top universities on transfer credit arrangement. With Lincoln University, the arrangement was for a three year duration at IKATAN for

a general degree in Bachelor of Commerce and later, selected students based on their results will be sent to Lincoln University or any other New Zealand universities to complete their honours degree. The arrangement with Ohio University is to equip TNB middle and top executives with MBA degree and with University Malaya to its younger executives in order that they will be better managers since most of them are engineers. All these programs are held at IKATAN which is the present TNB Integrated Learning Solution (ILSAS) premises.

I was approached by TNB management to fill up the IKATAN registrar office, mostly to do student enrolment, placement, handling academic records and expatriate staff requirements amongst other matters. They wanted a non engineer with a master degree qualification and I suppose I was available, so TNB offered me the position. At first I was a bit reluctant because the position and the type of work that goes along with it was quite new and it was very much different from what I had been doing previously but nonetheless venturing into this new area of work did intrigue me so I accepted it as a challenge.

At the same time, a plan was drafted to build the necessary infrastructure to prepare IKATAN as a proper institution of higher learning. Additional land was acquired from the nearby Perang Besar estate. All in all the total land area was about 214 hectares. The development of the new campus was in three stages. And ILSAS became part of IKATAN headed by a Dean alongside the College of Engineering and College of Business Studies.

When I first arrived at IKATAN/ILSAS, there were only a few staff in its academic wing. The institution was headed by Dr. Tajul Arus as Rector and in its academic wing Dr. Amir Basha headed the school of engineering assisted by Dr. Ibrahim Hussein. We then had Dr. Oner Yurtseven who was the provost of the IUPUI programs who later became the Dean for School of Engineering and Technology at IUPUI, Dr. Edward Yost from Ohio University and Mary Ellis who headed the English department. Later we were joined by Engku Hashim Al-Edrus who headed the business school and Dr. David Goodwin as the program coordinator for Lincoln University's BCM program. I was entrusted for admission and enrolment of all students selected by TNB or Yayasan into either the IUPUI or the Lincoln programs and assisting Dr. Ed Yost with the Ohio MBA program. It was quite an exciting job and at times a bit tedious and time consuming but nonetheless I was quite happy especially in the company of so many expatriate lecturers from IUPUI, Lincoln and Ohio University. We were able to interact and exchange views not only in academic matters but also many things which include social, economic and politics. We were quite pleased when we were able to place some of the students to other Ivy League universities other than Purdue University in West Lafayette after their two year program in IKATAN. Apart from doing the normal registry and placement duties with the help of Patricia Bidingger and later Lynn Schoch

from IUPUI, I also assisted the expatriate lecturers with their immigration, banking and other social needs. Later Haji Sufian Haji Karim and Rosli Ahmad joined the Business School and Registry unit. We were quite a team helping each other as IKATAN progressed and the number of students increased.

After two years of doing registry duties and being among the academicians, I was inspired to be one of them and so I voiced out my intention to further my studies with a doctoral degree. This desire was enforced when I was given the opportunity to visit IUPUI and Ohio University in 1995 together with Dr. Ibrahim and Hj. Szali who was the librarian at the resource center. I was grateful that TNB management offered me scholarship to pursue my PhD in Management at the Lancaster University in North West England. When I came back in early 2000, IKATAN had transformed into Univesiti Tenaga Nasional (UNITEN) with its first phase of development completed which consist of the administration building, library and college of engineering with its second phase of development in progress.

I reported for duty at the College of Business as a lecturer to Dr. Zulkifli who was the Dean at that time and later I was appointed as the college program coordinator. Thus began my life as an academician and educational administrator until now. I am pleased to be able to impart whatever knowledge that I know to the students and see them doing well in their chosen profession. I am happy to be part of this dream from IKATAN to UNITEN and its aspiration to be one of the renowned institutions of higher learning in the region and probably the world in the near future. It is my sincere hope that everyone in UNITEN believes in this dream and will give their undivided commitment and support to build UNITEN into an institution of higher learning that we will be proud of.



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Advances in mathematical economical research: mathematical models and assessing the success of the development policies for the Malaysian economy

By:
Prof. Dr. Hussain Ali Bekhet
College of Business Administration

The 3rd professorial lecture series presentation was by Prof. Dr. Hussain Ali Bekhet who is attached to the College of Business Administration, Sultan Haji Ahmad Shah Campus, Bandar Muadzam Shah, Pahang on 19th August 2009. Prof. Dr. Hussain received his early education from Baghdad, Iraq. He furthered his studies at universities in Iraq in the field of economics. In 1991, he obtained his Ph.D degree from University of Keele, England, UK. His areas of research are in mathematical economic, econometrics, input output analysis, quantitative analysis and cost benefits analysis. Prof. Dr. Hussain was attached with a few institutions prior to UNITEN, i.e. Al-Zaytoonah University, Jordan and Baghdad University.

According to Prof. Dr. Hussain, mathematical models help the management to develop and produce quality decisions. In order for them to be effective, continuous improvement of the process is required. It includes modeling and testing the model and conducting sensitivity analysis to various business scenarios. Prof. Dr. Hussain presented his findings in the application of input-output model particularly linkages analysis in assessing the success of the development policy of the Malaysian economy. The backward linkage effect allows one to find the dependence of one industry on other industry in respect of the supply inputs or one sector to other sectors. On the other hand, the forward linkages trace the output increases which occur or might occur in using certain industries. His study period was from 1983-2000. The examples of the industrial sectors are food production, textile products, hotel & restaurants, transport, oil palm sector, crude oil, rubber primary products, communications, etc.

In conclusion, Prof. Dr. Hussain commented that although some progress has been made in the Malaysian development policy, however it falls far short of what planners desired. It also shows that modern industrial sectors dominate the primitive sectors.

(Source: www.uniten.edu.my)



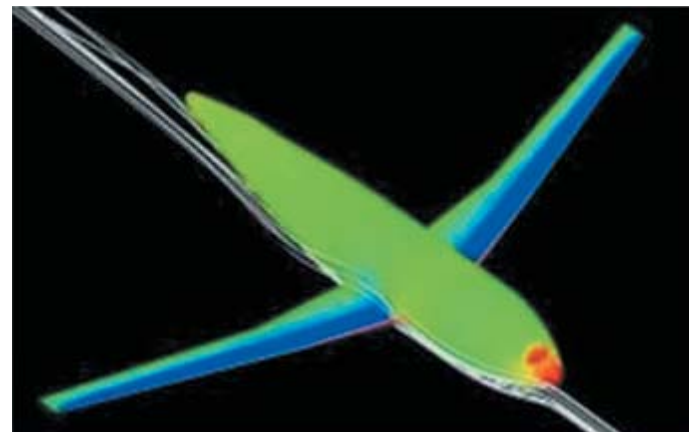
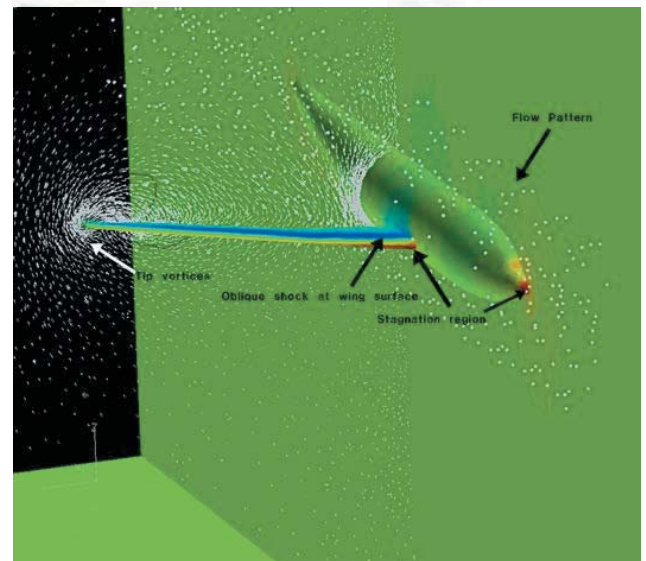
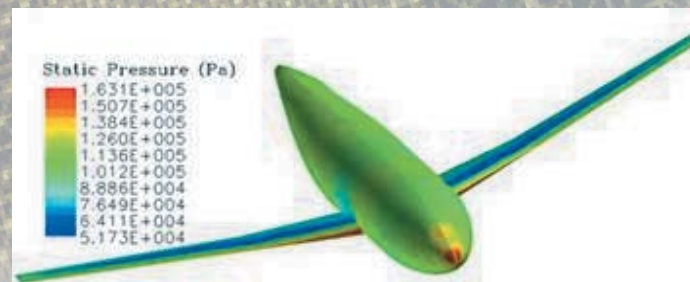


The development of indigenous computational fluid dynamics (CFD) software in Malaysia

By:
Prof. Dr. Mohd Zamri Bln Yusuff
Dean, College of Engineering

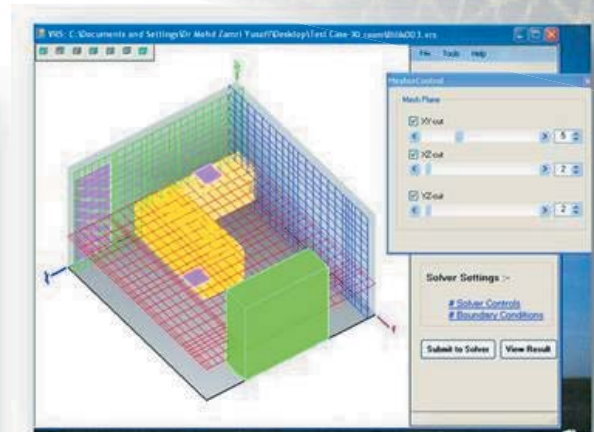
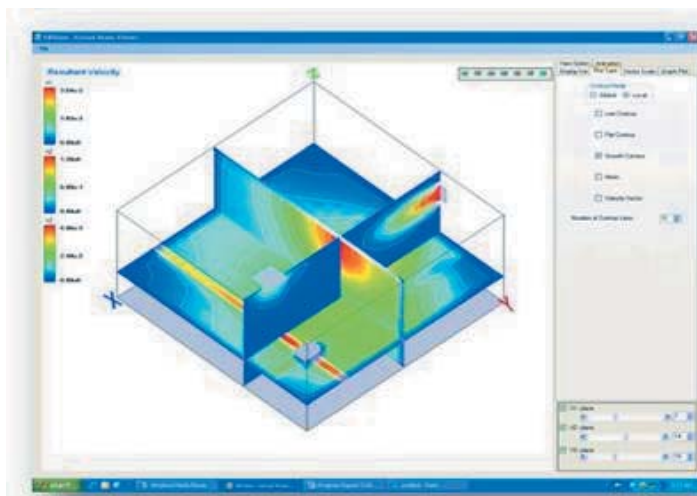
The art of predicting fluid flow and other associated phenomena such as heat transfer and chemical reactions using numerical method is referred as computational fluid dynamics, (CFD). According to Prof. Zamri, the development of CFD study is slow and challenging since the governing fluid flow equations are embedded in coupled non-linear partial differential equations which are harder to solve. Nevertheless, it is gaining more popularity now as it is increasingly becoming a crucial component in the design of industrial products and processes in automotive engineering, electronic engineering, biomedical engineering, marine engineering, turbo machinery, etc. Since undergraduate years, his research interest had always been in CFD and was very privilege to have the guidance of the world renowned CFD experts such as Prof Gosman, Prof Dawes and Prof Bakhtar. Being a foresighted person, Prof. Zamri brought back this "expertise" and started a CFD research group in UNITEN.

"As for Malaysian companies such as PROTON, PERODUA and TNB research, they incorporate CFD in their daily design work using commercially available CFD software. One needs to customize the software to suit a particular working condition" informed Prof. Zamri. Hence, there is a need to develop indigenous affordable CFD software that enable local CFD users to purchase, apply and customize them according to their working requirements. As a continuation from his PhD research, Prof. Zamri developed a local version of CFD software named FLOWSIM. It was further enhanced by incorporating indoor air flow simulation system and complete with geometry creation, pre-processor and post processor called virtual room simulator, VRSIM, which was developed as part of a collaborative research project for OYL R&D. The demonstration of VRSIM during the lecture was very engaging and impressive.



The application of CFD coding has also been extended to the highly transient supersonic flows in shock tube and shock tunnel. The CFD simulated data were verified through a short duration hypersonic test facility set up by the College of Engineering, UNITEN. "We are very happy to find that the software predicted values are comparable to experimental measurements" said the enthusiastic Prof. Zamri. "As with any research, teamwork is essential" Prof. Zamri expresses his gratitude to his research team members. As for further research study, the team is looking into computational scheme that is able to circumvent the issues of numerical accuracy, computational efficiency, human cost and time scale as well as able to model compressible and incompressible flows.

"I would like to see more researchers in this field and to explore further the development of Malaysian CFD models" conclude Prof. Zamri.



Editor notes: The full detail of this presentation can be obtained in UNITEN's Website. ARC would like to invite alumni to send in a short write-up on articles that they had presented at any conferences/seminars.

Advances in Software Engineering Research: Software reusability, requirements engineering and project & risk management

By Prof. Dr. Khairuddin Bin Hashim
College of Information Technology

The 2nd Professorial Lecture Series in UNITEN was given by Prof. Khairuddin Hashim of College of Information Technology on 17th July 2009. Prof. Khairuddin graduated with a Ph.D. in Computing Science from the University of Bath, United Kingdom, in 1989. He has over 20 years experience in academia, spread over three academic institutions, namely: the University of Malaya, Tun Abdul Razak University and Universiti Tenaga Nasional. He was a research scholar at Kyoto University in 1993; a visiting professor at McGill University in 1995; and a consultant for SIDA (Swedish International Development Agency) in 2003. He has research interest, publications and international conference presentations on: requirements engineering, software reuse, software risk management, software project management, human computer interactions and adaptive learning.

According to Prof. Dr. Khairuddin, software engineering is the dynamic discipline of quality software development. Research in





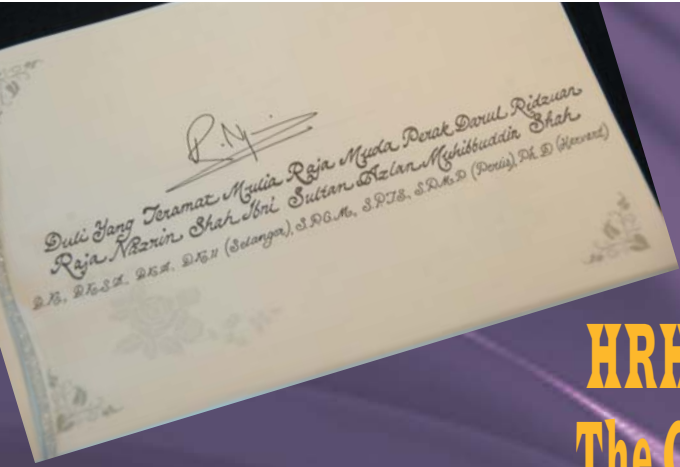
software engineering entails the development of methods, techniques and tools to support software development. The primary beneficiaries of software engineering research are the software developers. Continuous improvement in software engineering will ensure that complex system development is executed; increasing productivity and quality assurance.



Prof. Khairuddin presented 3 major areas of this software engineering research during this lecture i.e. software reusability, requirements engineering; and project & risk management. These areas have been identified to be amongst the areas requiring critical improvements. "Software reusability represents an approach to increase software development productivity" informed Prof. Khairuddin. He reiterated that the higher the reusability rate, the higher the productivity in software production. Requirements engineering represents a critical phase in the development of software. "If effective methods and tools can be developed to assist in specification and validation of requirements, they can be translated into design and codes without having to reiterate the requirements specification and validation process" said Prof. Khairuddin. Project & risk management represents the management aspect of the software development process. Effective project & risk management ensures projects are not delayed due to unanticipated problems.



The audience were treated to a rare insight into the development of software engineering. During his one hour lecture, Prof. Khairuddin shared with the audience the concept of reusability attributes model, and reusability qualifying Metric. The component specification & retrieval were also elaborated in the area of software reusability. He also mentioned about requirements engineering framework, requirements methodology and requirements engineering. In the area of project & risk management, Prof. Khairuddin presented the concept of problem analysis-based risk management and enterprise-level risk management were covered.



A Royal Address by HRH Raja Nazrin Shah - Values and Beliefs: The Compass for the Young Towards Creating a Brighter Future

His Royal Highness Raja Nazrin Shah Ibbi Sultan Azlan Muhibbuddin Shah, The Crown Prince of Perak Darul Ridzuan has called on the young generation to create a brighter future for Malaysia in his royal address at the sixth UNITEN TUN MAHATHIR LECTURE SERIES. The lecture which was held on December 3, 2009 at UNITEN Putrajaya campus drew an audience of more than 2,000 students from local higher institutions.

UNITEN Tun Mahathir Lecture Series is one of UNITEN's efforts to share the knowledge of the world to the masses. It's main objective is to create a sharing platform for distinguished people who had made their mark in the world and to share their achievements which we hope will inspire people especially the younger generation to be high achievers.



MTE 2009 | 9 Medals for Uniten

Once again UNITEN has proven that the university is a vigour to reckon with when it comes to research and innovation. At the MTE2009 held at PWTC from 19 - 21 February 2009. UNITEN pulled off five gold medals, three silver and one bronze out of 10 entries submitted. The gold awards winners were Dr Tiong Sieh Kiong, Assoc. Prof. Ir Dr Lariyah Mohd Sidek , Dr Manjit Singh Sidhu, Assoc. Prof. Dr Mohd. Azree Idris, and Dr Abdul Rahman Khalid. Dr Tiong also won "The Best Award" category. Dr Johnny Koh Siaw Paw, A.P Dr Saifuddin Hj M. Normanbay and Dr Sharifah Mumtazah Syed Ahmad secured silver medals while Dr Chong Kok Hen locked the bronze award. In addition, UNITEN won "The Most Creative Booth Award".

Source : UNITEN Website /RMC News 2009



SIFE UNITEN - Champion in SHELL Better World Competition 2009



The elusive SHELL Champion Cup is with SIFE UNITEN, beating UiTM, UTP, USIM, UniKL, USM and UMT. One of its members, Khairul Faizi Mohamed invented an eco-friendly device for aqua application called ECO-AF in an attempt to introduce it to the fishing industry to increase the income of fish breeders and at the same time preserve the environment by using renewable energy.

SIFE UNITEN is working towards collaboration with various agencies involved in fish farming, namely the Ministry of Agriculture and Agro-Based Industry (MOA), MARDI, LKIM, fish farmers association, aquarium owners and fish enthusiasts.

(Source: www.uniten.edu.my)

UNITEN bagged three gold medals at Persidangan dan Ekspo Ciptaan Institusi Pengajian Tinggi Antarabangsa (PECIPTA) 2009 by sending in 14 inventions; nine from the College of Engineering, two from the College of Information Technology, two from the College of Business Administration and one from the Institute of Liberal Studies. In addition to these gold medals, UNITEN also received one silver and four bronze medals.

It is worth mentioning that PECIPTA has always been the benchmark of Invention & Innovation competition in the country. Thus, it is evident that UNITEN did very well in PECIPTA 2009 and has what it takes to be amongst the best of Institutes of Higher Learning (IHL) in the country in terms of research and innovation.

PECIPTA is organized by the Ministry of Higher Education in its effort to encourage research and development in science and technology. It aims to exhibit products, inventions and innovations from IHL in Malaysia and overseas, thus providing an opportunity for participants to establish networks and collaborations towards the commercialization of developed prototypes.

(Source: www.uniten.edu.my)



Robot fight in UNITEN Robogamez 2009: Rising of the Silent Tower: Resist or Surrender

Robogamez is a robotic competition aimed at creating awareness in robotics technology as well as creating a platform for various people especially students, to be involved in hands-on and practical aspects in engineering and technology through robotics. Running for the fourth year, it received cooperation from the Ministry of Higher Education Malaysia (MOHE), Tenaga Nasional Berhad (TNB) and Fighting Robot Association, United Kingdom (FRA). Held from 1 – 4 October 2009 at UNITEN campus, the main goal of this completion was to encourage students to venture into the field of invention and innovation. This completion was opened to all undergraduate students, as well as secondary and primary schools.



A Double First for UNITEN Elite

For the first time ever, Universiti Tenaga Nasional (UNITEN) has scored a double first. Not only will the UNITEN team make it to the ImechE (Institution of Mechanical Engineers) finals in London, they were also the first team outside of UK to do so. Indeed, UNITEN ELITE team members Dominic Hua Shi Hao, Lim See Beng, Ghoulesh and Tan Pong Seng have done the University proud. They were one of the six shortlisted for the final battling to be crowned as champions in the 'Cooling the Planet' World Final at ImechE in London, England.

The 'Cooling the Planet' challenge is an opportunity for young engineers to showcase their skills and demonstrate the roles engineering play in solving global warming issues. Participating teams will be competing to present feasible engineering alternatives to reverse the effects of the phenomena. The UNITEN team's project titled 'Carbon Capturing Storage' completed against two other London-based teams, Faber Maunsell and Buro Happold in the Mitigation Approach category. The other category, the Geo-engineering Approach, was made up of three all-UK teams. UNITEN managed to beat participants in Malaysia and the Asia Pacific by emerging winners in the Asia Pacific regional heats in December 2008.

Winners for this event receive 500 pounds for each team member. Besides that, consultations will be offered by Climate Scientist and experts in making the winning idea a reality. The winning solution will also become part of ImechE's environmental strategy and promotion to the media, policy makers and the general public. As such, the Final Competition is feted to be a big one which will be attended by British members of Parliament, professors and top companies. Kudos to UNITEN ELITE!!



A taste of student life at UNITEN's Open Day



It was a carnival-filled atmosphere at UNITEN's Open Day, held simultaneously at the Putrajaya dan Bandar Muadzam campuses on 21 March 2009. The turnout was overwhelming with 3,500 number of visitors dropping in to enquire details on the programs offered as well as submitting their application forms and documents. This event also provided a family outing for some where they were able to view the facilities such as the labs, accommodation, Library, etc in the campuses. There were also talks given by lecturers on the various programs, cultural performances, current students acting as ambassadors of the university and many other interesting activities lined up for the day.

Besides a steady stream of visitors stopping at the Alumni Relations Centre (ARC) booth to view the whereabouts and achievements of the alumni, ARC was fortunate to have a number of alumni and their families return to their alma mater. Some of the applicants were following their parent's footsteps in enrolling for the programs at UNITEN – an opportunity for them to share similar notes on campus life!

SOLAR Ranger 1



A 16-member Universiti Tenaga Nasional (UNITEN) team successfully competed in the 2009 World Solar Challenge from Oct 25 to 31 2009 in Australia. Known as "Solar Ranger 1", the car took two years to complete and underwent a series of test drives to compete in this challenge. In the race that began on Oct 25 2009, Solar Ranger 1 successfully finished the race at Victoria Square, Adelaide within the stipulated time.

The Uniten solar car had earlier faced technical problems before the race. To qualify as participants in the race, all 32 of the solar-powered cars from 15 countries had to reach Victoria Square before 12 noon on the seventh day of the race.

(Source:<http://thestar.com.my/news/story>)

UNITEN Grabs Eleven Medals at Malaysia Technology Expo 2010



Another round of applause for UNITEN when 11 out of 14 inventions presented in the recent Malaysia Technology Expo (MTE 2010) secured medals ranging from bronze to gold. UNITEN team comprised of ten inventions from the College of Engineering (COE) and four inventions from the College of Information Technology (COIT) won three gold medals, three silver medals and five bronze medals accordingly. In addition, Dr. Rohayu Che Omar from COE won the Taiwan Invention Product Promotion Association or TIPPA Special Award for her invention entitled "INNOVATIVE MONITORING RATING SYSTEM (IMRS)". UNITEN was also successful in winning the third prize for the Best Booth Design Award under the Shell Scheme Category.

Malaysia Technology Expo 2010 (MTE 2010), an annual event was jointly-organised by MARS (Malaysian Association of Research Scientists) and PROTEMP Exhibitions Sdn. Bhd., is the largest invention and innovation Expo in Malaysia. Listed as 'Malaysia's Largest Science & Technology Event' in the Malaysian Book of Records in the year 2001. The Malaysia Technology Expo has since grown from strength to strength with 10,500 visitors at MTE 2009. The theme of MTE 2010 "Driving Innovation towards Commercialization" is set to offer a wealth of new ideas, new solutions, and new opportunities in propelling innovation towards business, marketing and industrial growth in the country.

International Invention, Innovation & Technology Exhibition 2010 (ITEX 2010)

International Invention, Innovation & Technology Exhibition 2010 (ITEX 2010), an annual event, jointly-organized by Malaysian Invention & Design Society (MINDS) and CIS Networks Sdn. Bhd., is the region's leading exhibition to showcase new inventions, technologies and products, targeted at securing investment, manufacturing and commercialization prospects and partners. Now in its 21st series, ITEX 2010 continues to showcase the latest inventions and innovations by higher learning and research institutions, individual inventors and from the corporate sectors of the Asia and European countries such as Hong Kong, Russia, Iran, Taiwan, Poland, Korea and Croatia. UNITEN won 24 medals in total i.e. 9 Gold, 9 Silver and 6 Bronze. In addition, three of our projects won the Special Awards which was presented during the "Malam Budaya Cipta" ceremony in KLCC. The winners were Dr. Rohayu Che Omar from COE who won the Henry Goh Award for Environmental Invention for her invention entitled "Intelligent Transmission Route Finder (ITRF)", Dr. Johnny Koh Siaw Paw from COE who won The Best Innovation Award from Taiwan Invention Product Promotion Association (TIPPA) for his invention entitled "Algorithmic Precision Liquid Dosing Valve" and Assoc. Prof. Dr. Manjit Singh Sidhu from COIT who won the Ram Rais Award-Best Invention in Information and Communications Technology for his invention entitled "An Interactive Multimedia Chemistry Experiments Tutor".

(Source: www.uniten.edu.my)



UNITEN Emerges Champion in Perodua Eco-Challenge 2010

UNITEN team soared to greater heights when announced as the champion in the recent Perodua Eco-Challenge held at Melaka International Motorsports Circuit. The title came with a trophy and a winning cheque of RM20,000 including another RM5,000 for being the first runner-up in Design and Presentation category. The Dean of the College of Engineering, Prof. Dr. Mohd Zamri Yusoff, accepted the trophy and winning cheques



Launching of UNITEN IEPRe

In its quest to become the country's premier research center for energy related fields, UNITEN launched its Institute of Energy Policy and Research or IEPRe on 11th August 2009. It was a momentous event as UNITEN also announced the appointment of Dr. Rajendran Pachauri, Chief executive of Energy and Resource Institute, India as the first IEPRe Energy economics chair. IEPRe was established in July 2008 as part of the Universiti Tenaga Nasional's Strategic Transformation Initiative to spearhead research and consultancy activities in a field widely considered as niche to UNITEN. IEPRe is headed by Associate Prof. Dr. Amir Hisham Hashim.

(Source: www.uniten.edu.my)



Dr Rajendra K. Pachauri speaks on 'Copenhagen and Beyond' at UNITEN...



In view of the importance of climate change mitigation, and in line with the Post Copenhagen Climate Conference 2009, Institute of Energy Policy and Research (IEPRe), UNITEN invited the Chair of Energy Economics (CEE), Chairman of the Intergovernmental Panel on Climate Change (IPCC), Dr R.K Pachauri to speak on 'Copenhagen and Beyond' on Wednesday, 6 January 2010. The lecture hall was packed with more than 400 participants, providing an opportunity for open dialogue between experts and policymakers to discuss the latest issues & challenges of Post Copenhagen, which reflects our seriousness in driving the message that 'clean and green' energy is the way forward towards creating an economy that is based on sustainable solutions.

Dr. Rajendra Kumar Pachauri assumed his current responsibilities as the Chief Executive of The Energy and Resources Institute (TERI) in 1982, first as Director and since April 2001, as Director-General in New Delhi, and Chancellor of TERI University. He also served as the chair of the Intergovernmental Panel on Climate Change (IPCC) since 2002.

IPCC along with former Vice President Al Gore were awarded the 'Nobel Peace Prize' for the year 2007. He has been appointed as Director of Yale Climate and Energy Institute from July 2009. An very active in several international forums dealing with the subject of climate change and its policy dimensions.

(Source: www.uniten.edu.my)

UNITEN SCORES AGAIN!!! VOTED THE WORLD CLASS WINNER of the INTERNATIONAL ASIA PACIFIC QUALITY AWARDS

UNITEN won the World Class Award (Highest) in the education sector. The awards will be presented at the 16th APQO/International Conference on Quality in Kathmandu, Nepal on September 18-20, 2010. This is the tenth year of the International Asia Pacific Quality Awards Process.

After winning the Prime Minister's Award for Industry Excellence and the Quality Management Excellence Award (QMEA) in the Industry Excellence Awards 2009, this latest achievement from APQO marks the recognition on UNITEN as a world class provider in education excellence.

A bouquet of congratulations to UNITEN for making the nation proud.

(Source: www.uniten.edu.my)



An Audience with the Prime Minister of Malaysia

In the midst of Universiti Tenaga Nasional's (UNITEN) celebration of winning the Prime Minister's Award and Quality Management Excellence Award (QMEA) in Industry Excellence Awards 2009, UNITEN was privileged to be given a session with the honourable Prime Minister, YAB Dato' Seri Mohd. Najib bin Tun Haji Abdul Razak at his office in Putrajaya on Friday, 7th May 2010.

(Source: www.uniten.edu.my)



UNITEN Soars Higher!!!



Universiti Tenaga Nasional (UNITEN) once again has been honored as the recipient of two awards for its excellence and achievements in higher education industry.

UNITEN's Vice Chancellor, Yang Berbahagia Prof. Dato' Ir. Dr. Mashkuri bin Yaacob received the Corporate Leader of The Year Award whilst the institution also was chosen as a winner of the Service Provider of The Year Award. Both awards were presented by Yang Berhormat Dato' Mukhriz Mahathir, Deputy Minister of International Trade and Industry at The 4th Business of the Year Award 2009 which was held at Grand Dorsett Hotel, Subang on Sunday, 20 June 2010.

Kudos to UNITEN!

(Source: www.uniten.edu.my)

UNITEN: A Celebration of Excellence- AKIPM



Universiti Tenaga Nasional (UNITEN) is the proud recipient of Prime Minister's Award for Industry Excellence and Quality Management Excellence Award (QMEA) in Industry Excellence Awards 2009.

(Source: www.uniten.edu.my)



Solar Cooling in Malaysia

Engr. Chan Jian Wen
Bachelor of Mechanical Engineering (Hons.), 2001
Employer: Solar District Cooling Sdn Bhd

Long... Long time ago, men lived under the Sun in the most natural way, iPhone or LED TV was far beyond their imagination. Today, shopping, fine dining and enjoying live jazz concerts are the lifestyle we have adopted. However, do we engineers notice that our generation has consumed the most resources among the decades of human mankind?

Development is inevitable, or a pair of new shoes every month is a must for somebody, we must start to effectively use our depleted resources or practice energy conservation. Bearing in mind that our national reserves will last for another 19 years for crude oil and 33 years for natural gas, our kids will be using electric cars and maglev trains with nuclear powered fuel.

Yet, without compromising human comfort and natural resources, continuous effort on research and exploration into application of renewable energy has proven that solar energy for cooling system is viable. The clean, safe and inexhaustible solar energy from the Sun was here for the past billion years and is predicted to exist for another 4.5 billion years. A simple equation to share:

HOT SUNNY DAY = MOST ENERGY TO GENERATE COOL AIR

Solar can be harvested via Evacuated Tube Collectors into thermal energy or via Photovoltaic into electrical energy. High temperature hot water can be feed into absorption chillers to produce chilled water; whereas, electricity can be powered up into compressor type cooling machine.

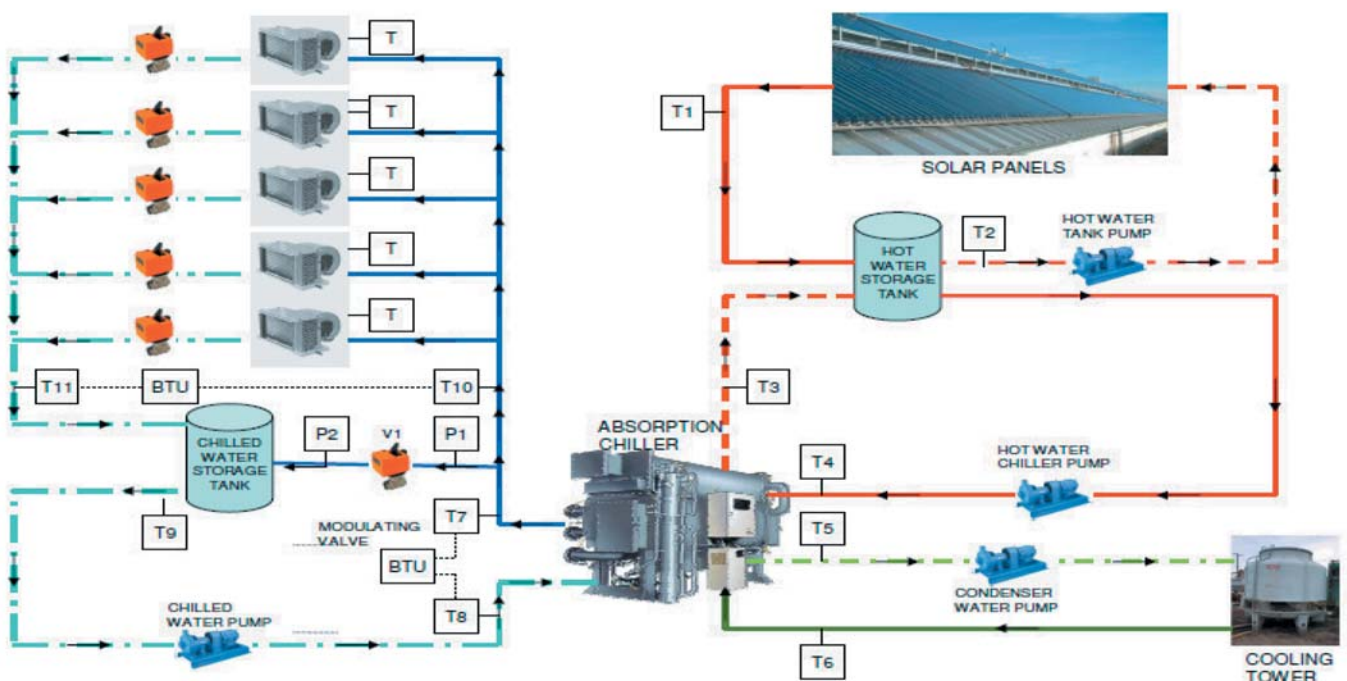


Figure 1: System Configuration of Absorption Chiller with Evacuated Tube Collectors.

The conversion rate of solar energy into thermal or electricity may vary according to location, tilt angle, system configuration, etc. SPF certified solar thermal simulation software; Polysun 4.0 is one of the leading software that's available to make the design of solar thermal system simple and professional with reliable yield-forecast.



Figure 2: System Configuration of VRV with Photovoltaic.

As solar cooling system is sunshine dependent; night time, cloudy or rainy days will affect the energy generated. Therefore, engineers need to assess the design of the system configuration and application from the fundamental perspective: heat load estimation. The establishment of the solar heat gain and constant heat load fraction conclude the type of hybrid cooling system.

Heat Load		Energy Source	
Constant Load	Human, Lights, Machine	Natural Gas	Utility Grid
Variable Load	Solar Heat Gain via Wall, Window, Roof, Door, Skylight	Solar Energy	

Figure 3: System Design according to the requirements.

Government incentive of 100% investment tax allowance is applicable for any corporation that adopt the solar cooling system for own use would clear the myth of high investment cost or long return of investment.

Lastly while challenging the conventional wisdom; it is sensible for the future engineer to start focusing on the renewable energy now, before another round of unpredictable energy crisis happen.

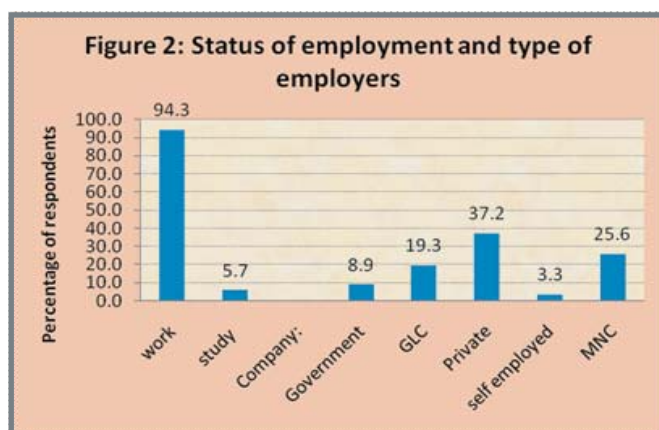
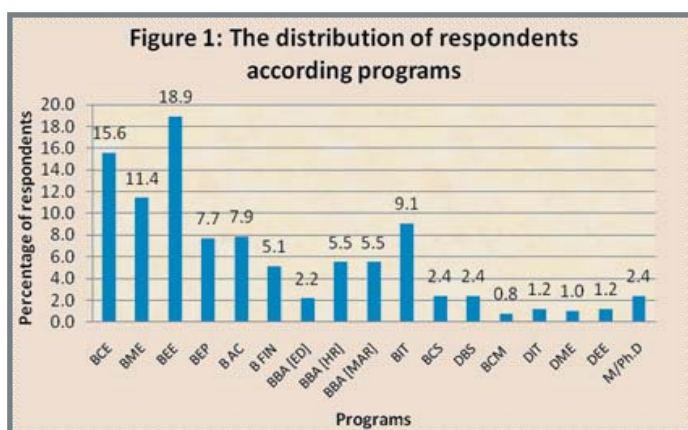
Let's preserve the earth, where life begins!

Alumni's expectation of their alma mater- what do you expect from your alma mater..

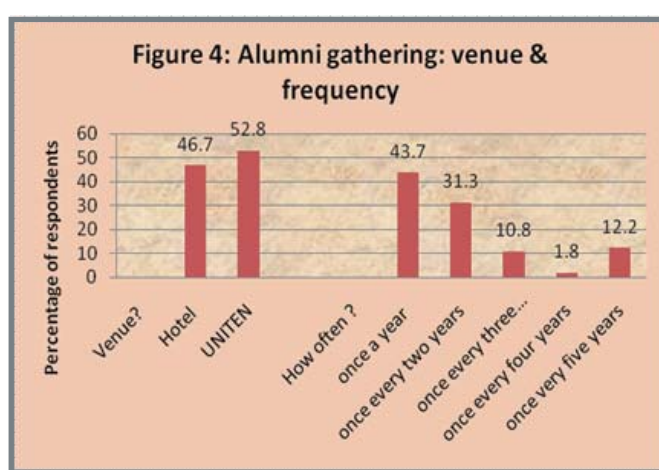
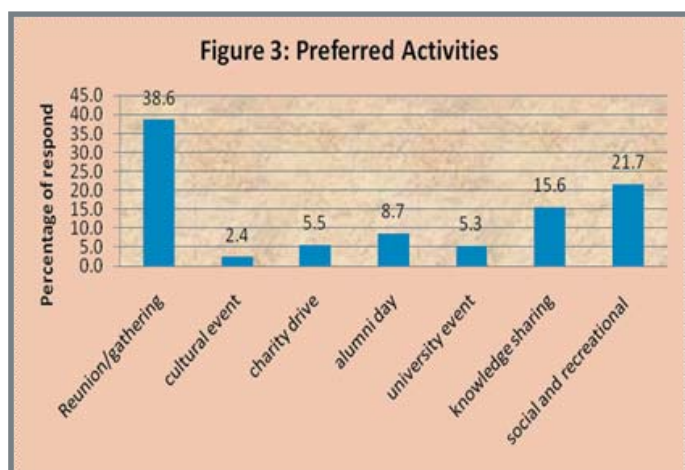
By Dr Chua Kok Hua
ARC Director
(Tenure: 16 April 2008 – 15 April 2010)

It is always a catch 22 situation when Alumni chapters or clubs organize any events or activities. We always have enquiries on any upcoming activities, but when we organize any events/activities, the response is not that encouraging. Some of the possible reasons include unsuitable time and venue; or even unsuitable events/activities. Hence ARC decided to conduct a tracer study.

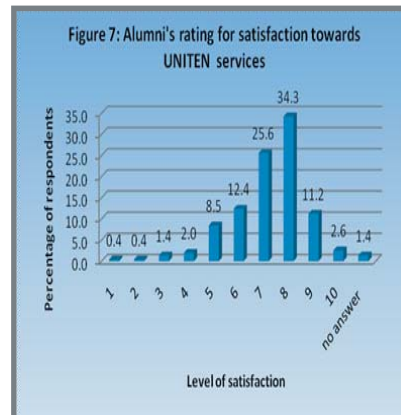
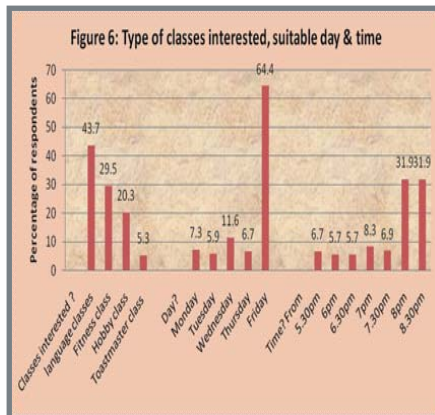
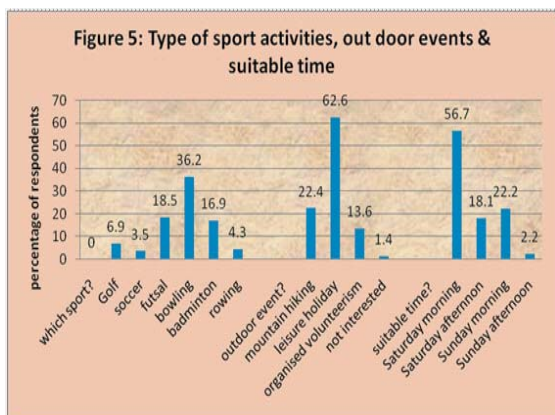
This online survey was conducted to source feedbacks from alumni on activities that will be interesting to them. The tracer study period was from July 1st till 31st. It received 508 respondents. The analysis provide a glimpse into alumni preference in events/activities and suitable time. The distribution of respondents is given in Figure 1. The respondents range from the class of 1998 to 2008; from diploma to postgraduate programs. 94% of the respondents are in employment and the rest are furthering their study. Figure 2 shows the type of companies that employ our graduates. Majority of respondents are working with either private or Multi National Companies.



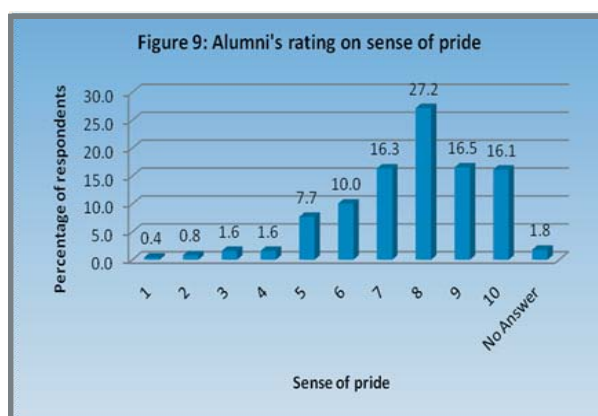
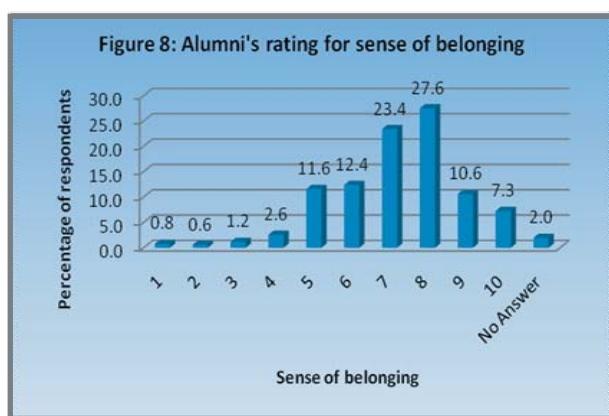
The response to questions concerning the activities is given in Figure 3. Majority would like to attend reunions/gatherings. Interestingly, the preferred venue is at UNITEN and hold annual gatherings. It will be a good proposal to have the reunion/gathering based on programs i.e COE alumni gathering or IT alumni gathering.



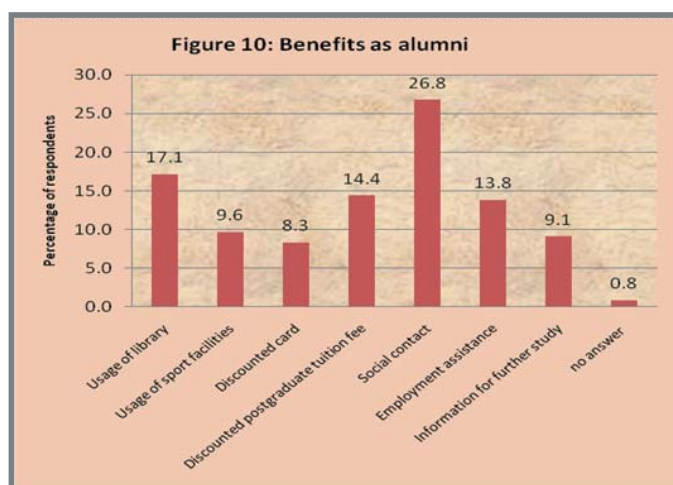
In terms of sporting events, 36% of the respondents would like to join bowling tournaments followed by 18% who would like to join futsal tournaments. Both sports can be opened to all alumni and family members too. The preferred time is Saturday morning. When the alumni were asked about leisure activities, 63% would like to join a package holiday. This was done by some of the alumni chapters such as Harvard Alumni Association and University Glasgow Alumni Association. They organized "study trips" to China or Russia, etc accompanied by an expert in the history of the countries and provide insights during the trip. As for educational activities, 44% prefer to attend language classes followed by fitness classes. The suitable day and time is Friday, 8 pm onwards.



The graduates were asked to grade their level of satisfaction from 1 to 10, sense of belonging and sense of pride towards their alma mater. Figure 7 shows their level of satisfaction towards UNITEN as educational service provider. The average scale is 7.2. In terms of sense of belonging, the average scale is 7.15 and 7.67, being sense of pride. The results show that there is sense of belonging among alumni towards their alma mater. But it can be enhanced further.



In terms of alumni expectations, most of alumni see the alumni chapters as a place to network with their former classmates. 17% of the respondents would like to have access to the library and 14.4% wish to have discounted postgraduate tuition fees when they further their postgraduate study at UNITEN. According to the College of Graduate Studies, UNITEN has started implementing discounted postgraduate tuition fee for its alumni.



In conclusion, this tracer study manages to provide salient information on the expectations of alumni towards their alma mater. UNITEN Alumni Relations Centre would like to thank the respondents for their input into this study. ARC will start planning the activities according to the wishes of the alumni. Hopefully, more events will be organized in this coming year of 2010.

UNITEN ALUMNI SCALING THE HIGHEST MOUNTAIN IN SOUTH EAST ASIA

By Dr Chua Kok Hua

Alumni Relations Centre (ARC) of UNITEN had recently organized an outing for UNITEN alumni to Mount Kinabalu, Sabah. The idea was mooted by one of the alumnus, Anand Lourdes (BEE 2007) in December 2008 and taken up by ARC. The trip was promoted through alumni portal and personal contacts. The response was very encouraging with 20 alumni and staff indicating their interest. But unfortunately, due to financial uncertainties, only 6 alumni and staff decided to participate eventually. The 6 participants were Leong Yeng Weng (BEE 2005, MEE 2009), Jeremy Cyril Dorall (BIT 2006), Muhammad Shaufi Abd Rahman (BBA(HR) 2007), Mohd Faiz Abdullah (BEE 2007) and accompanied by Assoc. Prof. Dr. Farruk Nagi of Mechanical Eng Department and Dr. Chua Kok Hua, Director of ARC. The ascend up the mountain took place from 26 - 27 April 2009.

"This is our first outdoor activity organized by ARC. We decided to proceed with the activity even though only a small number participated. Hopefully with the publicity generated, it will encourage more alumni to join in next time" said Dr. Chua. The sense of belonging to UNITEN alumni group was evident during this outing even though they were from various colleges.

Mount Kinabalu stands at 4095.2 m and is the highest mountain in Southeast Asia. It is located about 90 km from Kota Kinabalu city. There are two trails to reach the peak, the Timpohon route and Mesilau route. We took the Timpohon route. It was very challenging for us, the city slickers and amateur mountain climbers. But determination and perseverance pushed us to reach our ultimate goal: the summit. There is no word to describe how proud we were when all of us eventually reached the peak. The sense of achievement overwhelmed all of us. The beautiful sunrise, the rocky surroundings and the aerial view of Mount Kinabalu bathed in the soothing morning sunshine enthralled all of us. It was indeed a once-in-a-life-time experience and a sight to behold.

All of us commented how we enjoyed the climb albeit a very tiring trip to Kota Kinabalu. It certainly enhanced a sense of belonging and camaraderie among UNITEN alumni. We are planning for ARC's next expedition – probably mountain climbing at Gunung Tahan or exploring the Mulu Caves.



ARC turns 2!!!!

To commemorate ARC's 2nd year anniversary, an informal gathering was organized at the ARC lounge where 24 alumni members working in UNITEN turned up for this memorable occasion. Coincidentally, it was also Shahnun Affandy bin Idrus's (DBS 1999, Bach Finance 2008) birthday on the same day. He expressed his gratitude and thanked everyone who attended.

Prof. Dr. Sheikh Ghazali Abod (Deputy Vice Chancellor-Student Affairs, Alumni & Management) took the opportunity to thank everyone for their support and encouraged all to continue this effort in keeping the networking and bonding growing stronger.



Visit by delegates from Shiga University, Japan

Konnichi Wa!!!!!!

Alumni Relations Centre welcomed a delegation of five staff from Shiga University, Japan. The aim of this study visit was to give the delegates an insight into an international experience of university-based support centres in UNITEN. It will provide the delegates with an opportunity to explore ideas on how to adapt the set up of some support departments to the local conditions in Japan.

An exchange of information on alumni matters such as the establishment of ARC, the problems encountered and ways to create closer bonding between the alumni and university was discussed. The feasibility of a mutual study visit to Shiga was also proposed to foster common alumni interests involving both universities.



CREATING AWARENESS AT THE ORIENTATION WEEK

A new year, a new beginning...

Once again, as the new academic year begins especially for the new intake of June 2009, a presentation on the role of the centre was given by Dr Chua Kok Hua, Director of Alumni Relations Centre (ARC), This was held on 29 June 2009 at the Putrajaya campus and the invited alumni present to address questions posed by the new students and talk about their working life after campus were Arnie Azlina Omar (Bachelor of Electrical Power), Aqfar Fariq Syahril bin Hj Othman (Masters in Engineering Management), Mohd Anuar Bin Mat Isa (Bachelor of Computer Science), Wong Yik Fong (Bachelor of Civil Engineering) and R.Kanesaraj a/l Ramasamy (Bachelor of Computer Science). The new students at College of Graduate Studies were also given a brief overview of ARC on 6 July 2009.

Another similar presentation was held at the Muadzam Shah campus on 2 July 2009 and on hand to greet the students and share their campus experiences were Mohd Asri Bin. Mohd Ali (Bachelor of Accounting, 2008), Mahlindayu Bte. Tarmidi @ Tokhid (Bachelor of Accounting, 2000) and Norfhadzilahwati Binti Rahim (Bachelor of Finance, 2008)

ARC wishes all new students a warm welcome to UNITEN and all the best in their studies!!!!



An Evening with Joe Eades: Ecotowns for Asia – An Application Of Sustainable Technology



Homes and towns should be designed and built that will recycle its own water, use less energy and making it durable to enhance the lives of the dwellers. Alumni and students were fortunate to attend a talk by Mr. Joe Eades, Managing Director for Process Design and Commissi

This talk was organized by Alumni Relations Centre and assisted by UNITEN Institution of Civil Engineers Student Chapter.

WHERE ARE THEY NOW?



Sharifah Natassya Bt Syed Yusof

Bachelor Of Civil Engineering (Hons), 2009

Civil Engineer

Employer :
Hydec Engineering Sdn. Bhd



Nuramalina Binti Zamani

Bachelor In Business Administration (Hons) In Entrepreneur Development, 2009

Pegawai Kontrak Skim Perkhidmatan Singkat (Sps) N41

Employer :
Arkib Negara Malaysia

Ezry Bin Ibrahim

Bachelor Of Mechanical Engineering (Hons), 2009

Field Engineer

Employer :
TI Offshore, Sapuracrest Petroleum



Mohd Zahiruddin Bin Mools

Bachelor Of Business Administration (Hons) In Human Resources, 2007

Pegawai Tadbir N41

Employer :
Jabatan Pengajian Tinggi, Kementerian Pengajian Tinggi



Chua Shi Yun

Bachelor Of Information Technology (Hons) In Information System, 2007

IT Specialist

Employer :
IBM Malaysia Sdn Bhd



Asrul Amin Bin Ismail

Bachelor Of Mechanical Engineering (Hons), 2007

Senior Engineer

Employer :
Scomi Rail Bhd

Farizah Binti Zulkffli

Bachelor Of Information Technology (Hons) In Graphic & Multimedia, 2008

Tutor

Employer :
Universiti Malaysia Kelantan



Razmona Binti Abdul Razak

Bachelor Of Accounting (Hons), 2002

Senior Assitant Secretary

Employer :
Ministry Of Finance

Ebrahim Nasser Saleh Ramyan

Bachelor Of Civil Engineering (Hons) 2009

Design Engineer

Employer :
Emirates Innovation Engineering Consultant, Dubai



Yuyun Mimbar Saputra

Master In Business Administration, 2009

Manager

Employer :
Perusahaan Listrik Negara (Pln), Indonesia



Obedeh M.Nader

Bachelor Of Civil Engineering (Hons), 2009

Design Engineer

Employer :
Emirates Innovation Engineering Consultant, Dubai



Syahrizal Mohd Zainuddin

Bachelor Of Accounting (Hons), 2002

Finance Advisor

Employer :
Shell International Petroleum Company Ltd, London , Uk

PRE CONVO RECEPTION 2009

Welcome home!!!!

The class of 2009 were feted to a Pre-convo reception organized by Alumni Relations Centre immediately after the convocation rehearsal on 14 August 2009.

Similar to previous year's tradition, a montage featuring the graduands journey from registration to graduation, was shown. In addition to this, a video recording of some parents' aspirations and wishes from the lecturers were also included.

This annual gathering provided an opportunity for everyone to get together and enjoy a light meal while networking and renewing friendship with each other.



Congratulations!!



WHO AM I
IF NOT FOR
MY

PARENTS,
TEACHERS,
FAMILY?

UNITEN in its 12th Convocation had conferred a honorary doctorate degree to Dr. Mohamed bin Awang Lah KMN, JSM, CEO of JARING Communication Sdn Bhd. Indeed it is befitting for a luminary and person such as Dr. Mohamed who had contributed tremendously towards the development of IT in Malaysia.

He was born and raised in a small village in Kota Baru, Kelantan. His early childhood tells the story of a son born to humble parents who had full determination to succeed in life. Both parents did not have the opportunity to learn to read and write. He had to walk over 3 km everyday to attend his primary school education. Dr. Mohamed bin Awang Lah was the best student for Sijil Pelajaran Malaysia, SPM in 1970. From young, with blessings and encouragement from his parents, he performed excellently in primary and secondary schools and was offered a scholarship by Lembaga Letrik Negara now known as Tenaga Nasional Berhad (TNB) to pursue his undergraduate study at University of London which he passed with 1st class (Hons) degree in Electrical & Electronic Engineering. He furthered his study at the same university reading Ph.D degree with an engineering project entitled "Microprocessor Control of a Synchronous Machine". This was his first taste of the powerful capability of computer and programming and since then it had created his deep interest in computer related fields. Upon the completion of his Ph.D, he was posted to University Malaya and continued his research interest in internet technology.

With his expertise and experiences Dr. Mohamed was invited to join a pioneer group of management team in 1984 to establish and develop MIMOS and subsequently the establishment of JARING. His excellent performance in MIMOS had propelled him from a manager to eventually becoming the Senior Vice President (Research and Development) of MIMOS. During his career at MIMOS, he was instrumental in providing internet services to Malaysian public and government sectors. In 2006, Dr. Mohamed bin Awang Lah was appointed as CEO of JARING Communication Sdn Bhd which he continues to expand the provision of internet services in the rural and urban areas, in primary and secondary schools and in government universities/colleges.

In recognition of his over 25 years of contribution to ICT fields, UNITEN conferred the honourable doctorate to Dr. Mohamed bin Awang Lah. In his acceptance speech, he expressed his greatest gratitude to his parents and his family who had been supporting and encouraging him to be where his is now, indeed "who am I if not for my parents". His advice to the present graduates, to be of service to society and to continue to explore the beauty of knowledge as he has done thus far.

(except from 12th Convocation 2009 program book)



Recipient for Chancellor's Award 2009



Dominic Hua Shi Hao
Bachelor of Mechanical Engineering
(Hons.), 2009

I am currently working in the biggest power plant in Singapore called PowerSeraya (YTL acquired it from Temasek Holdings in March) in Jurong Island. I am basically in-charge of the commissioning activities of two combined cycles.

I would not have made it here if not for UNITEN and all the dedicated lecturers who had imparted knowledge and also instilled much confidence in me. Not forgetting the experience that I gained from IMechE-UNITEN Student Chapter and IMechE, Malaysia Branch.

I thank you all again and till we meet again.

Recipients for Pro Chancellor's Award 2009

College of Engineering

Ker Pin Jern

Bachelor of Electrical and
Electronics Engineering (Hons)

Dominic Hua Shi Hao

Bachelor of Mechanical
Engineering (Hons)

Nor Liyana bt Ismail

Bachelor of Electrical Power
Engineering (Hons)

Kelly Lim Suegin

Bachelor of Civil Engineering
(Hons)

College of Information Technology

Helwa Nudrah bt A Rahim

Bachelor of Information Technology
(Information System) (Hons.)

Haniffa Beevi bt Abdul Jaleel

Bachelor of Information Technology
(Graphics Multimedia) (Hons.)

Nurul Alia bt Sa'eidi

Bachelor of Computer Science
(Systems and Networking) (Hons.)

Letchiapria a/l Chandrasekar

Bachelor of Computer Science
(Software Engineering) (Hons.)

College of Business Management & Accounting

Beh Chai Ling

Bachelor of Accounting (Hons)

Nur Hamizah bt Dzulkafli

Bachelor of Finance (Hons)

Keh Yen Peng

Bachelor of Business Administration
(Hons.) in Marketing

Parameswary a/p Muniandy

Bachelor of Business Administration
(Hons.) in Human Resource

Farhan Faiz b Ahmad Foad

Bachelor of Business Administration
(Hons.) in Entrepreneur Development

Recipients for Excellent Graduate Industrial Award 2009

Dominic Hua Shi Hao - Bachelor of Mechanical Engineering (Hons)

Anugerah "GT Gulf Award For Academic Excellence – The Best Student in Mechanical Engineering"

Sim Ooi Keong - Bachelor of Mechanical Engineering (Hons)

Anugerah "Enhance Track Award For the Best Final Year Project in Mechanical Engineering"

Raymond Cheng Hsien Loong Bachelor of Civil Engineering (Hons)

DRSA Consulting Award For Academic Excellence – The Best Structural Engineering Design Subject

Nurul Hidayah Bt A Aziz - Bachelor of Civil Engineering (Hons)

UNITI Consultants Award For Academic Excellence – Outstanding Final Year Project

Kelly Lim Suegin - Bachelor of Civil Engineering (Hons)

Institution of Structural Engineers (Malaysia Division) Award For Academic Excellence – The Best Overall Graduate (Academic)

Nurliyana Bt Mohd Hada - Bachelor of Civil Engineering (Hons)

G&P Professionals Award For Academic Excellence – The Best Geotechnical Engineering Subjects

Mehdi Heyrani - Bachelor of Civil Engineering (Hons)

HLA Associates Consulting Engineers Award For Academic Excellence – The Best Water & Environmental Engineering Subjects

Padmavathy A/P Kannan - Bachelor of Civil Engineering (Hons)

YAYASAN ZIKAY Award For Academic Excellence – The Best Highway Engineering SJTS

Recipients for Excellent Graduate Industrial Award 2009

Nor Liyana bt Ismail - Bachelor of Electrical Power Engineering (Hons)

YTL Power Award For Academic Excellence – The Best Overall Graduate

Yong Boon Leong - Bachelor of Electrical Power Engineering (Hons)

Areva Award For Academic Excellence – The Best Final Year Project dari Areva T&D Malaysia Sdn Bhd

Ker Pin Jern - Bachelor of Electrical and Electronics Engineering (Hons)

Silterra Malaysia Award For Academic Excellence – Award for Best Student in Electronics Engineering Subjects

Ker Pin Jern - Bachelor of Electrical and Electronics Engineering (Hons)

MID Mechatronic Award For Academic Excellence – Award for Best Overall Graduate (Academic)

Yugendren a/l Hari Krishnan - Bachelor of Electrical and Electronics Engineering (Hons)

Significant Technologies Award For Academic Excellence – Award for Best Student in Communication Engineering Subjects

Zurita binti Zakaria- Bachelor of Electrical and Electronics Engineering (Hons)

TekMark Award For Academic Excellence – Award for Outstanding Final Year Project

Mohd. Shahmi Abdul Majid - Bachelor of Electrical and Electronics Engineering (Hons)

EnhanceTrack Award For Academic Excellence – Award for Best Overall Graduate (Leadership and Extracurricular Activities)

My UNITEN, MY Alma Mater



**Great place
to study**

Kong Fook Lin
*Bachelor of Electrical Power
Engineering (Hons), 2008*



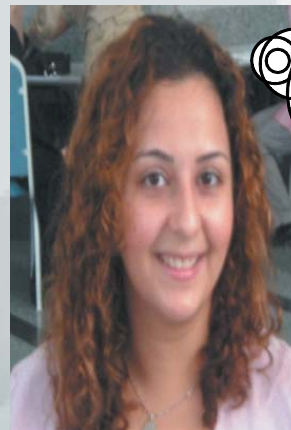
**A good place to
study
in generating
quality
students**

Kusnadi Hussen
*Bachelor in Finance (Hons),
2008*

**UNITEN
generated the
professionalism
in me**



Constance Gnansagarar
*Bachelor of Mechanical
Engineering (Hons), 2008*



**UNITEN
taught me to
be
independent
and wise**

Maryam Heirany
*Bachelor of Information
Technology (Hons) in Information
Systems, 2008*

My UNITEN, MY Alma Mater

UNITEN
prepared
me for my
current
career



Liew Sheau Shiang
*Bachelor of Mechanical
Engineering (Hons.),
2009*

Enriching
experience
& making
new
friends



Obedeh M. Nader
*Bachelor of Civil Engineering
(Hons.), 2009*

Helped build
our
confidence &
made us
more
disciplined



Salina Salmee, Noor Furzanne Afeela & Noraini Shafiee
*Bachelor of Information Technology (Graphic & Multimedia)
Hons, 2009*

My UNITEN, MY Alma Mater

Opportunity
to mix with
different
cultures



Mohamed Hashim Ahmed Medani
*Bachelor of Electrical and
Electronics Engineering (Hons.),
2009*

Prepared
me for
the job
market



Norasyikin Mohammed Ghazali
*Bachelor of Business
Administration (Hons.) in
Marketing, 2009*



Mohd Farhan Zulkarnain
Bachelor of Finance (Hons.), 2009

Mohd A'idil A'zrin Bin Baharum
Diploma In Accounting, 2009

Hairul Amri b Munir
*Bachelor of Business Administration
(Hons.) in Marketing, 2009*

Best Giler!!
Close
rapport
with
lecturers
and
students

My UNITEN, MY Alma Mater



Increased my self confidence & sense of responsibility

Ker Pin Jern
Bachelor of Electrical and Electronics Engineering (Hons.), 2009



Gained more knowledge and can be applied in my work

Ahmad Kamel b Aziz
Master of Electrical Engineering, 2009



Ahmad Sabri Abdul Latif
Bachelor of Electrical and Electronics Engineering (Hons.), 2009



Proud to be UNITEN Alumni

Ahmad Hasbullah Abdullah
Bachelor of Electrical and Electronics Engineering (Hons.), 2009

My UNITEN, MY Alma Mater

Hands on
experience
& a fun
place to be



R. Kanesaraj
*Bachelor of Computer Science
(Software Engineering)(Hons.),
2009*

Open &
friendly
discussions
with
lecturers



Adisti Zolkopli
*Bachelor of Mechanical
Engineering (Hons.), 2009*

Sweet
memories
and
provided a
total
learning
experience



Intan Shafinna bt Abdul Rahim
*Bachelor of Accounting (Hons.),
2009*

Good
facilities &
ability to
meet
many
foreign
students



Aiad H. Hassan
*Master of Civil Engineering,
2009*

A GLIMPSE OF OUR ACHIEVERS



Chan Pik Har, Vivien

Profession : Vice President

Employer: Sumitomo Mitsui Banking Corporation

Location : Singapore

Academic Qualifications:

Bachelor of Commerce and Management (Accounting, 2000) - Lincoln University (New Zealand)

Masters of Business Administration (2003)- Edinburgh Business School, Heriot-Watt University (UK)

International Masters in Information Management (2004) - Leeds Metropolitan University (UK) & University of Malaya (Malaysia)

I believe that the degrees provided very good foundation/platform to prepare me for the various positions in my career in the financial sector: from investment banking and current credit / corporate banking. The degree has also prepared me to pursue other qualifications such as postgraduate degrees and currently pursuing the CFA qualification.

I started my career as a tax consultant, and system and process auditor with PricewaterhouseCoopers. From there, I went on to investment banking and now into credit with a Japanese bank. A banker's life is very challenging. I get involved in large, headline news transactions that shape the financial world today.

The experiences garnered from the current economic and financial crisis proves to be a valuable experience as part of my job is also to implement different policies in the organisation in line with the current crisis.

My advice to other scholars/undergrads would be to give their best to their studies. Try to learn as much as possible in terms of experiences from their lecturers. Having the right work experience and attitude towards your job is utmost important. Always prove yourself in the organisation and make a name for yourself. Most importantly, never ever regret any decision you have made, as that decision was the best decision given the circumstances at that time.

MOVE ON!

A GLIMPSE OF OUR ACHIEVERS

Mahlindayu bte Tarmidi @ Tokhid



Profession: Lecturer

Employer: Universiti Tenaga Nasional

Location: Bandar Muadzam Shah, Pahang

Academic Qualifications:

Bachelor in Accounting (Hons), 2001 - UNITEN

Masters in Management (Information Technology),
2004 - UPM

I am currently a lecturer at the Department of Accounting, Universiti Tenaga Nasional. I teach Accounting Information system and at the same time provide in class training for MYOB accounting software. Apart from conducting classes and lectures, I am part of the University's website team.

My cohort was the first Accounting batch. During the early days in UNITEN, we were taught by excellent local and international lecturers. We were not only equipped with formal learning, but the Universiti also encouraged and supported us in co-curriculum activities.

It was a great help when we were given the opportunity to learn in an English medium environment. The classes had developed my communication skills and self confidence which really helped me during my job interviews and my teaching right now.

Teaching has been my passion from the very beginning. I am very interested in developing human capability and knowledge so teaching is the best path for me. Besides applying the accounting knowledge, this field had exposed me to develop myself to face challenges and human characters. Having some industrial experience will benefit the class as it will expose them to the current world situations. What they need is something extra which is not written in text books, it is what we call experience.

The most rewarding and motivating part of this job is to see the success and achievement of our future generation.

A GLIMPSE OF OUR ACHIEVERS

Mohd Hafiz Abd Jamil

Profession:

Deputy Financial Controller

Employer:

Maersk Line

Location:

Middle East, Dubai

Academic Qualification:

Bachelor of Accounting (Hons), 2003

Achievement during Student Days:

- 2003 Best Student (Gold Medallist) Overall for class of 2003
- Top Student (Vice Chancellor's Award) – Bachelor of Accountancy
- 2003 University Student's Achievement (Leadership) Award 2000/01
- University Student's Achievement (Volunteerism) Award 2001/02
- University Student's Achievement (Non-Sports) Award 2001/02
- 10th MIM – Tun Razak Youth Leadership Award,
- Achieved the overall Most Outstanding Leader and King of Programme
- 2001 University Student's Achievement (Leadership) Award 2000/01

Competition Achievements:

- 2002 1st Runner-Up, PNB Intersvarsity Investment Games.
- 2002 2nd Runner-Up, Students in Free Enterprise (SIFE) National Competition.
- 2002 1st Runner-Up, UM-MIM National Case Study Challenge.
- 2001 Champion, Uniten Business Management Competition.

The lecturers were primarily very ambitious and thorough during my time of study at the Accountancy Programme. There were not many experienced lecturers from on-the-job background but that did not stop the graduating batch from having an impressive 80% employment ratio, which pretty much sums up the quality of the education that the lecturers provided. Overall, all the lecturers at the College of Business Management, and IKAL were always helpful. There were also no short of support for co-curricular activities, which was the backbone in shaping students' positive personality that could not be supplied by textbooks and lectures.

I cannot re-emphasize enough of how the management/ students' affairs support in non-academic activities that had played a vital part in producing graduates with full of confidence and ready to take on the world. One trait that made it possible was its rapport with the students which empowers them to lead or participate in activities, as well as easing the layers of bureaucracy.



A GLIMPSE OF OUR ACHIEVERS

Tengku Nur Hamizah Tengku Ab. Aziz

Profession: Software Engineer

Employer: Mahindra Satyam, Cyberjaya

Location: Cyberjaya

Academic Qualifications:

Bachelor of Information Technology
(Information Systems), 2007



I chose this course because I was interested in Technology, and how things work. Studying in the university had prepared me a lot for work. I did not only learn how to perform at work, I also learnt how to communicate at work.

Upon graduating, I was not much concerned what career i was looking for, but my heart was just set on finding a career in IT. I applied to several companies and got called for the interview in my current company. They gave me a good salary package, plus training. I just grabbed the opportunity!

The company that I am working for is a Multinational Company from India. My job role is a developer in the Business Intelligence department. My responsibilities are to develop data warehouses and extract reports based on customers' specifications.

The chance to explore design and development of products from scratch and the joys of seeing my design being made into products keeps me motivated. My friends are the biggest motivators in my job.

Graduates should prepare their mind and soul for the working environment. There will be lots of working late nights to catch up on work and meeting deadlines.

It is easy to get a job if you're fresh from the University. Paper qualification is important for that first job, but for the consequent job, what is important is your effort and contribution at your previous workplace. Always do your best in any job or workplace you are in.

A GLIMPSE OF OUR ACHIEVERS

Sharmela Devi C.Ehambaranathan

Profession:

System Analyst

Employer:

Tenaga Nasional Berhad (TNB)

Location:

Malaysia

Academic Qualification:

Bachelor in Information Technology (BIT)

Master in Business Administration (MBA) –currently pursuing

Year of graduation:

2006

I completed my 5 years IT degree program in UNITEN and currently attached to the System Application and Process (SAP) department in ICT Division, Tenaga Nasional Berhad. I was not exposed to SAP while I was studying in UNITEN, but the values that UNITEN have taught me throughout the 5 years journey were sufficient enough to handle obstacles in managing new IT environment. The coursework was designed to prepare the students' ability to manage time efficiently. I believe UNITEN has met its vision in generating professionals especially in the IT industry.

Business Intelligence (BI) is a highly effective tool for consolidating and transforming vast amount of corporate data into a goldmine of insightful information for decision making. I am part of the BI team in the SAP department, where my role is to deliver cost effective reports via dashboards which enable top management to make better decision making. BI has given me the opportunity to grow and improve in Business knowledge. No doubt, there were many obstacles and challenges I had experienced on the way, however, perseverance to succeed was my main goal.

Currently I'm pursuing my Masters in Business Administration at UNITEN, and I believe this will help me consolidate my IT knowledge to suit business needs. To become a system analyst, one must have a good understanding on business knowledge. Upon exploring the business needs and wants, a system analyst will be able to provide better analysis for better decision making.



A GLIMPSE OF OUR ACHIEVERS

Ayad Mashaan Turkey

Profession: Lecturer

Employer:

College of Computer, University of Anbar

Location:

Iraq

Academic Qualification:

Master of Information Technology, 2009

B.Sc. in Computer Science, 2006 - University of Al-Anbar, Iraq



I am currently working as a lecturer at the College of Computer, University of Al-Anbar, Iraq and teaching undergraduate programs such as Structured programming using C++, Advanced Information Technology, Microcomputer Architecture 8086, SPSS software and Basic Computer Skills.

My greatest delight was when my daughter Amari, was born during the period when I was writing my master thesis. Now that I have completed my Master, I have time for her, which she truly deserves.

Another achievement was when i obtained my M.Sc. in Information Technology from Universiti Tenaga Nasional (UNITEN) and won a Gold Medal with Mention and Bronze Medal.

Postgraduate studies may not be for everyone. However, you should seriously consider Postgraduate study and its benefits that will advance your career and enhance your prospects. Not only does a Postgraduate qualification help you to stand out from the crowd, but it also shows your commitment and dedication. Research degrees demonstrate your ability to think independently and work towards a goal, while taught courses highlight your ability to learn new skills and ideas. A postgraduate qualification is by no means a surefire way into your dream job, but it is a stepping stone for career advancement.

My advice to current students who wish to pursue your Masters, work hard and don't limit your learning to the curriculum. Seek out information on whatever company/industry that interests you through all available resources.

A GLIMPSE OF OUR ACHIEVERS

Mohd Nur Azreen Bin Arazmi

Profession:

Finance Business Partner

Employer:

British American Tobacco GSD

Qualification:

Bachelor of Finance, 2007

My experience at UNITEN:

I've always been interested in Finance because I wanted a secure career that had a strong practical approach. By the time I applied to UNITEN, I was sure Finance was what I wanted. Looking back now, the university did prepare me for my current job but not entirely 100%. My degree courses focused more on 'how to become a successful stock broker' which is beneficial for some but not for me. My job requires me to provide strong financial support that enables ASIAPAC Customer Service Managers to monitor on-going performance of their managed services. It has been 2 wonderful years for me, and I think with the right determination and on-going company support; anyone can do it. Hence, I would like to recommend people wishing to go into this type of work to focus more on financial statements analysis and accounting technical understanding courses. And, of course... communication skills.



A GLIMPSE OF OUR ACHIEVERS

Mohd Afham Najmi b Majid

Profession: Field Service Engineer

Employer: GE Oil & Gas

Location: Kuala Lumpur

Academic Qualifications:

Bachelor in Mechanical Engineering (Hons), 2008

I studied Mechanical Engineering in UNITEN, the course that I had not the slightest idea on what it was about initially, but managed to pull it off during 5 years of my study. It is basically your interest in the subject matter and the way UNITEN conduct the courses makes the learning process easier. In UNITEN, this is all about you getting the best out of yourself, acquire knowledge and explore opportunities which most students are not aware of. Lecturers here are more than happy to help you.

Courses offered in UNITEN are really helpful to prepare me with the necessary knowledge in engineering work landscape. In my line of work, there are some recommended courses that are particularly related such as Turbomachineries, Power Generation, Combustion Engineering and Industrial Engineering.

I am currently working as Field Service Engineer (FSE) in GE Oil & Gas, based in Kuala Lumpur, and part of the FSE team that covers South-East Asia and Australia region. The organisation is part of GE conglomerate, headquarters in Florence, Italy. The responsibility for FSE is to provide maintenance, inspection, installation and technical advice on the products sold to customer such as gas turbine, steam turbine, compressor etc., according to Contractual Service Agreement (CSA). For Mechanical FSE, the job involves combustion, material and major inspection, mechanical installation and troubleshooting and any other problems on the machine that requires attention by the Owner (GE Oil & Gas).

As long as you are passionate and eager to learn, you are the best candidate for this job. I choose this type of work as my career because the opportunity to work with high-end products such as GE Gas Turbine, which I believe is a valuable part of my learning curve, the new challenges you face every day, and exciting rewards you receive most of the time, equip you do your job well.



A GLIMPSE OF OUR ACHIEVERS



Nor Faizah Abd Manan

Profession : Manager (Supplier Planning)
Employer : Tenaga Nasional Berhad
Location : Bangsar

Seconded to Ministry of Science, Technology & Innovation (MOSTI)-
October 2009

Academic Qualifications:

Bachelor of Business Administration (Hons) in Finance

I chose BBA (Hons) in Finance because of my interest in finance related jobs and functions. The program taught me to have analytical skills in performing any assigned tasks or responsibilities as well as in decision making. The university and the area of study have successfully prepared me to manage and overcome my job challenges.

I chose this job to contribute my knowledge in the organization and with the educational background that I have, I can effectively perform to support the achievement for the organization's vision and mission.

Since 1st October 2009, I was seconded to the Ministry of Science, Technology & Innovation (MOSTI) through a Cross Fertilisation Program between Government and Private Sector (GLC). In this program, the selected officers in GLC (particularly TNB) were assigned to various Ministries and vice versa for a period of 1 year. The objective of this program is to expedite the learning process of potential future leaders from both the Government and Private Sectors.

My present functions in MOSTI are among others to facilitate the commercialisation process of invented products/technologies by local inventors (for example institution of higher learning, individual inventors) and to conduct business matching between the industries and the researchers / inventors for products with potential to be commercialised.

The biggest achievement to TNB was through my contribution and direct involvement in the taskforce for TNB submission of the Prime Minister's Industry Excellence Award (Anugerah Kecemerlangan Industri Perdana Menteri 2007) and the National Award for Financial Management (NAFMA 2007) where TNB won both awards.

I am very motivated with the challenges in my job. It makes me strive to the best of my ability to deliver what was expected. I love the kind of job that requires me to take my own initiatives in delivering the results. I like to self manage my work.

A GLIMPSE OF OUR ACHIEVERS

Saiyid Abdallah Syakir Al-Edrus b. Dato' Engku Hashim Al-Edrus

Profession : Assistant Vice President / Manager
- International Tax & Projects

Employer : ASTRO All Asia Networks plc

Location : Bukit Jalil, Kuala Lumpur

Academic Qualifications:

Bachelor of Accounting (Hons), 2003 – UNITEN Professional Scheme, 2008

Member of:

The Association of Chartered Certified Accountants (ACCA)

Chartered Accountant, Malaysian Institute of Accountants (MIA)

Chartered Tax Institute of Malaysia (CTIM)

(formerly Malaysian Institute of Taxation)



Accountancy was not my first choice of study when I was in secondary school but as I walked to my first accountancy class ACCB113 by Dr Wan Fadzilah in June 1999, I fell in love with the subject and wanted to know more about accountancy ever since. In the third year, I took taxation class; this class was the turning point in my life. I knew from that day onwards, I will be a tax specialist, which I am today.

Looking back, I am truly grateful that I am a UNITEN graduate, with the blend of curriculum in B.Acc prepared me with relevant knowledge for the career. This is only possible due to esteemed faculty members of UNITEN who have worked tirelessly to formulate curricular that are relevant to the job market and prepare its graduates to face corporate challenges.

My Valuable advice:

- o Passion for knowledge and continuous learning
- o Humble to learn from the seniors and gracious to pass on knowledge to the juniors.
- o Be polite and proper goes a long way
- o Don't be afraid to take challenges
- o Brave to admit your mistakes and strive to improve from there

A GLIMPSE OF OUR ACHIEVERS

Tan Sheah Nee

Profession:

Internal Audit Executive

Employer:

Tenaga Nasional Berhad (TNB)

Qualification:

Bachelor in Accountancy (Hons.), 2008



My background and current job

At university

I pursued Bachelor in Accountancy at UNITEN with sponsorship from Yayasan TNB. I chose accountancy due to the profession itself and my interest in figure and analysis. Moreover, accounting graduates are highly demanded in the job market with various job scopes available.

My background

Being an internal audit executive in TNB was my first job after graduation. I used to be in external audit for 6 months during my internship program. The main reason for me to join TNB is due to my bond with TNB and secondly, the working environment.

My wish was to join one of the international audit firms as my first stepping stone in order to gain as much experience I can. However, as an appreciation on the scholarship provided and to fulfill my obligation, I joined the TNB internal audit department. I have no regrets, as TNB provides me a good medium for learning and improvement.

Postgraduate/professional qualifications

I'm currently pursuing ACCA and I believe it will be a major advantage for my career advancement upon qualifying as a member.

Be prepared for

As an accountant, we should always update ourselves to the changing business environment. In internal audit, we must be able to understand the operation process within a short period, willing to prepare to work for long hours, willing to travel, able to meet the deadlines given and have adequate knowledge and analytical skill.

Valuable advice

Firstly, you must have interest in internal audit and can identify the differences between internal and external audit, as the work scope is different. Without working experience is all right, as the internal audit department has a steep learning curve. Having Certified Internal Auditor qualification and external audit experience from Big Fours would be an added advantage.

A GLIMPSE OF OUR ACHIEVERS

Aw Khai Liang

Profession:

Design Engineer

Employer:

Heet (M) Sdn. Bhd

Academic Qualifications:

Bachelors of Mechanical Engineering, 2007

Master of Mechanical Engineering (by Research), 2009



My academic background and current job

I enrolled myself in Bachelors of Mechanical Engineering program because I have always liked the idea of designing and developing products from scratch. I graduated with Master of Mechanical Engineering (by Research). This program has helped me to be more research minded and experimentally attuned when designing a product. Certain aspects of my studies helped me for my current job while those issues not covered by my studies would be the on-the-job-training. Those who want to work in the same industry as I do would have to strengthen their designing skill and also heat transfer knowledge.

The company I work for deals with products from heat pipe, such as heat exchanger, economiser and condensers. This job gives me a chance to develop my research and development skills. Apart from that, it also allows me to enhance my soft skills.

The bitter and sweet memories of my job

The chance to explore design and development of products from scratch. The joy of seeing my design being made into product keeps me motivated.

My happiest moment at work

Collaboration with another designer to design a condenser which requires different parameters set by the client.

Be prepared for

Working with minimal guidelines and fast-paced work. Apart from that, also be prepared for hands-on approach especially in production area.

Valuable advice

Know the industry and study relevant books regarding this industry. Paper qualification only get you the job and experience do count especially in this industry.

A GLIMPSE OF OUR ACHIEVERS

Balagopal s/o Arian

Academic Qualifications:

Bachelor of Business Administration (Hons.) in Marketing, 2004

Profession: Design Engineer

Employer: Toyota

TCC MERIT AWARD

TOYOTA CUSTOMER CARE MERIT AWARD

2007 TCC Merit Award recipient, Mr Balagopal s/o Arian, ECSO from Kuantan Service Center
In recognition of Balagopal's consistent act of customer care.



Mr Balagopal receiving the TCC Merit award

On 28 May 2007, Mr Michael Lim, a Toyota customer, wrote in:

"I was traveling to Kuantan when my car engine indicator lighted up with a warning. Worried that it might be dangerous, I located the nearest Toyota service center and sent the car there. From the time I called them, to the time I picked my car up, the experience was excellent. People say Mastercard is Priceless, to me Toyota Service, is Priceless. The attention given by Mr Balagopal was beyond 1st class service. He attended to me immediately and he gave me value-added advice about necessary items that needed to be watched out for, such as brake system. He even explained to me that, usually for outstation travelers, Toyota makes it 1st priority to service within the day so that it would not cause any difficulty to the traveler. Keep up the great work Toyota! Especially Mr Balagopal who's a prized treasure."

Another customer, Dr Shankar Sayapathi e-mailed:

"I'm a loyal Toyota customer from Kuantan. I would like to express my appreciation to Mr Balagopal for his fast response in solving my car problems. He also understand my job nature and willing to accommodate my requests when I have emergency cases or attend patients. His responsibility amazes me. Shows how Toyota works towards customer satisfaction. I'm proud to own a Toyota and recommend Toyota to my family and friends. Good Job Toyota Kuantan!"



Looking for UNITEN graduates?

You can find them in the following companies:

ACCENTURE AIA AVAGO TECHNOLOGIES BANK ISLAM MALAYSIA BERHAD BANK KERJASAMA RAKYAT MALAYSIA BERHAD BANK NEGARA MALAYSIA CELCOM CIMB AVIVA TAKAFUL BERHAD CREST PETROLEUM CYBERTONERS BHD DIGI EMERSON GREAT EASTERN GTI SPECIALIST PUBLISHER HELPERS CONNECTION IPP WEALTH PLANNERS ISC MICRO PRECISION JABATAN TENAGA KERJA JENJOBS.COM JOBSTREET.COM KELLY SERVICES KPMG KRIS HEAVY ENGINEERING & CONSTRUCTION LB ALUMINIUM MAA MALAKOFF MALAYSIA MARINE AND HEAVY ENGINEERING MAMEE DOUBLE DECKER DISTRIBUTION MAS MAXIS MAXIX MEWAH-OILS MMC OIL & GAS ENGINEERING MYOB OSK INVESTMENT BANK BERHAD PANASONIC PETRONAS BERHAD PHINEXUS PROSAINE EDUCATIONAL SUPPLIES PROTON RENASAS SEMICONDUCTOR ROBERT BOSCH SAPURA SME BANK BERHAD SOFTWARE DYROMES SPEEDMINER STARJOBS SYNC R&D TENAGA NASIONAL BERHAD RANHILL CONSTRUCTION UCB CHEMICALS UMW E-TECHNOLOGIES U-NET VALENS VITRON TECH WEST PORTS XAIR COMMUNICATION YENTAK SOFTWARE SOLUTIONS YOKOGAWA CITIBANK DELL ERNST & YOUNG FREESCALE HEWLETT PACKARD HSBC BANK MALAYSIA BERHAD MOTOROLA NATIONAL SEMICONDUCTOR NEC SEMICONDUCTOR PUBLIC BANK REINHAUSEN ASIA-PACIFIC RENASAS SEMICONDUCTOR RHB BANK SAMSUNG GROUP SCHLUMBERGER SHELL MALAYSIA SONY EMCS TECHNIP GEOPRODUCTION TEXAS INSTRUMENT WESTERN DIGITAL MAERSK LINE UBS BANK SIME DARBY J.P MORGAN BRITISH AMERICAN TOBACCO KWSP MALAYSIA PRODUCTIVITY CORPORATION PRICEWATERHOUSE COOPER CITIBANK KEMENTERIAN TENAGA, AIR & KOMUNIKASI HSBC SUNWAY CONSTRUCTION INTEL EXPERTVOICE SOLUTION EXXON MOBIL BRUNSFIELD YTL SATYAM MIMOS HEWLETTE PACKARD MAYBANK NAZA HALLIBURTON ENERGY BASF PETRONAS MARCUS EVANS G&P SUNCON HOMEFIELD TYLIN INTERNATIONAL OPTUS ABB INDUSTRIES ADVANCE AIR TRAFFIC SYSTEM AGILENT AIG AKER SOLUTIONS ALCATEL-LUCENT ALLIANCE BANK ALLIES MARINE AND EQUIPMENT ALSPEC INDUSTRY ALSTOM ALTERA CORPORATION AMALGAMATED INDUSTRIAL AMAZE INNOVATIONS AMP APL ASIA ARCHI DESIGN & CONSTRUCTION ASIA BOLTS & NUTS AXON GLOBAL BACO SETIA BARRY CALLEBAUT BHIC PETRONAS BROMMA FAR EAST COFRETH COMPTTEL CREST BUILDER DHL -IT SERVICES DIALOG-MULTICAD ENGINEERING DIGISTAR HOLDINGS DIGITAL CROWN DUNHAM BUSH DYNAC ENGINEERING DYSON MANUFACTURING EKRAL MEGA ELECTRICITY SUPPLY BOARD SERVICES EMERSON ENMAR TECHNICS EPSON TOYOCOM F & N FAIRCHILD SEMICONDUCTOR FAVELLE FAVCO FEDERAL HUN WORK FLCO SDN BHD FLEXTRONICS FLIR ASIA FMCTECHNOLOGIES GAMUDA BERHAD GENERAL ELECTRIC GENTING SANYEN GLOBE ENGINEERING GRAND BANKS YACHT GREEN PACKET BERHAD GUOCOLAND HUAWEI TECHNOLOGIES HUMACH ENGINEERING HUME INDUSTRIES JJC SINGAPORE J-ROGER PRESTON JVC KLIA HOLDINGS MEGASTEEL MEINHARDT METRONIC ENGINEERING MFW ZANDER MODULAR CONSTRUCTION MOTOROLA TECHNOLOGY MSI TECHNOLOGIES NORTH PORT OPUS GROUP BERHAD PANFOSS INDUSTRIES PERODUA PLN INDONESIA POWERTEK QEMITECH ENGINEERING QIMONDA HERTZ SIME DARBY RESORT WORLD SAMSUNG SECM INSEP SIEMENS SILTERRA SINGAPORE ENGINEERS LTD SP SETIA SYARIKAT PRASARANA NEGARA SYNTRONIC TECHNIP MALAYSIA TELEKOM MALAYSIA TELFORD THE ASIAN BANKER TIME DOT COM TOP GLOVE TOSHIBA ELECTRONICS UMW INDUSTRIES VADS BERHAD VASTALUX JABIL AEON COMPANY AFFIN BANK AGS ADVISORY AIA BERHAD AIR ASIA BIOCARE PHARMACEUTICAL BOUSTEAD HOLDINGS DELLOITTE ETIQA INSURANCE & TAKAFUL FELDA HOLDINGS BERHAD GREAT EASTERN IBM IGWT CONSULTANCY INNOVALUES PRECISION INTEGRAL ALLIANCE ISUZU KENCANA MARINE KURNIA INSURANCE LEMBAGA HASIL DALAM NEGERI MAA ASSURANCE BERHAD MAHAWANSA PROPERTIES MASIF LATEX PRODUCTS OCBC BANK OSK ASSET MANAGEMENT PMCARE SDN BHD REMUNIS CIMB ISLAMIC SMALL & MEDIUM INDUSTRIES DEVELOPMENT CORPORATION STANDARD CHARTERED BANK SYARIKAT LANRIC INDUSTRIES TANJUNG OFFSHORE SERVICES TDM BERHAD ULTRA C&E UNI ASIA GENERAL INSURANCE UNITED OVERSEAS BANK TMNET PERMODALAN NASIONAL BERHAD UAC BERHAD WILHELMSEM SHIP MANAGEMENT YHI (M) MANUFACTURING WISMA DARUL TAKAFUL WORLD VEST BASE WRN CONSTRUCTION VIRTUAL MALAYSIA.COM UNIMAP UNIVERSITI KEBAGSAAN MALAYSIA TERAS DARA CONSORTIUM THE UNIVERSITY OF NOTTINGHAM MALAYSIA CAMPUS FELDA HOLDING BERHAD CANON GENERAL ELECTRIC UNITEN...Etc...

A New Beginning.....

A Wedding Not Only Marks The Beginning Of A New Phase In One's Life, It Has Much More Meaning Related To It With A Lifetime Of Happiness. Congratulations And Best Wishes !!!!



Teo Shin Wern (Left)

BACHELOR OF BUSINESS ADMINISTRATION
(HONS) IN MARKETING, 2003

Lai Foong Xeng

BACHELOR OF BUSINESS ADMINISTRATION
(HONS) IN FINANCE, 2003

WEDDING DATE : 14th FEBRUARY 2009



Noor Maslinda Binti

Dato' Hj. Md Damiri

BACHELOR OF ELECTRICAL
AND ELECTRONICS ENGINEERING, 2007

Mohd Faizul Bin Omar

WEDDING DATE : 1st MAY 2009



Adopt-a-Cell on the Solar Ranger



Universiti Tenaga Nasional (UNITEN) is in the process of designing and constructing its 2nd generation solar-powered vehicle, **Solar Ranger 2**, to compete in the 2011 World Solar Challenge in Australia. Since the team's inception in 2007, we have built, tested and participated in the 2009 Global Green Challenge.



With the knowledge and experience gained over these years and through continued optimization of our current vehicle, we anticipate our next car to make a giant technical leap forward.

We would like to invite you to join us by purchasing a solar cell for our **Solar Ranger 2**'s solar array. Each of the solar cells gives **Solar Ranger 2** more power, strengthening our chances of winning the 2011 World Solar Challenge.



We hope that you will adopt a solar cell and help the Solar Ranger Team to surpass our own standards of excellence.

Return this portion with your donation to thNITEN Solar Ranger Team

Name _____

Price: RM50.00

Please send cheques to:

Address _____

Quantity: _____

UNITEN Putrajaya Campus
Jalan IKRAM-UNITEN
43000 Kajang, Selangor
Malaysia

Total: RM _____

Email _____

Donations of:

RM100 - receive a Solar Ranger Team car sticker

Cheques are to be made out to "Univeriti Tenaga Nasional" with a note "Gift for Solar Car Team" on the back of the cheque.

Phone _____

RM250 - also receive a team badge

Signature _____

>RM500 - also receive a model of a solar car

Are you a UNITEN alum? (Please circle)
Yes / No

Would you like your name to be listed as a donor on our website?
Yes / No

For enquiries, please contact
+60 3 8928 7213 or
SolarRanger@uniten.edu.my
Website: solar.coe.edu.my

Alumni in Business



Four graduate engineers from Universiti Tenaga Nasional (UNITEN) decided to take the road less taken on venturing in entrepreneurship. Cup Chatter is among the 6 finalist of Maybank Money Tree Young Entrepreneur Startup (YES) 2 Challenge. Cup Chatter is the pioneer of cup advertising in Malaysia; we reinvented the boring old paper cup into a powerful marketing tool that offers advertisers an exciting new way to reach out to their target audience.

We bring our clients' marketing message directly to their targeted customer. Cup Chatter specializes in handheld branding; advertisements are printed on paper cups and are distributed to high traffic locations such as food courts, canteens and events. The design and choice of messages on our quality paper cups is limited only by your imagination.

Marketing messages, logo or special promotions can be printed on our quality paper cups therefore this unique advertising medium will achieve results both as a sole advertising medium or part of an integrated campaign. Cup advertising will effectively help advertisers' acquire new customers, drive traffic to websites, create brand image and even promote the launch of a new product or service. The accessibility of this media also enhances quick responses or calls to action from the customers themselves.

Cup Chatter brings the advertisers' advertisements directly to their target audience. Cup Chatter has participated in the Earth Day Carnival 2010 in Ikano Power Centre and the Shell Eco Marathon Asia 2010 in Sepang International Circuit. Now, consumers not only get to see the advertisement, they get to hold and feel it too. For more information, please contact Navinderan at 016 9778919 or email us at info@cupchatter.com



NEED HELP IN SETTING UP YOUR OWN WEBSITE!!!

WE WILL HELP YOU BUILD WEBSITES.....

- + e commerce
- + commercial website
- + portal
- + helpdesk

SPECIALIZED IN:

- *PHP, ASP, NET, CSS (web based application)
- *VB.NET (window application)
- *Database: MSSQL, MySql
- *Others: Flash, Photoshop

OUR PRICE INCLUDED THE 1ST YEAR DOMAIN AND HOSTING...



- PROVIDE WARRANTY AND SERVICE AFTER DELIVERY FOR 6 MONTHS..
- BUILT BY FRESH GRADUATES AND STUDENTS...
- WE ENSURE QUALITY AND PERFORMANCE OF THE WEBSITE....
- WE'RE GOOD IN INTERGRATING ALL THE SOCIAL NETWORKS (FACEBOOK, TWITTER) TO YOUR WEBSITE
- STAND ALONE & EXECUTABLE IN ALL VERSION OF WINDOWS!
- WE GIVE MORE THAN WHAT YOU PAY FOR!!

CONTACT DETAILS:

HP. NUM: 016-6173468

E-MAIL: kanes87@yahoo.com

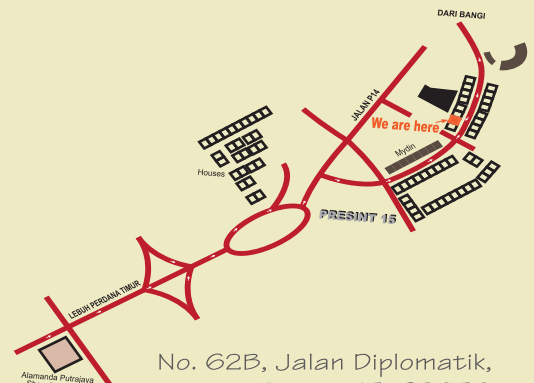
CITRA REKA



- Contractual services**
- Designing, Developing & Production of Advertising Materials**
- Supplying of Premiums & Gifts**
- Supplying of Office Requirements**
- Managing & Coordinating Events**
- Supplying of IT & AV related products**



- | | |
|------------------------------|---------------------|
| Event Management | F&B Catering |
| Billboard, Backdrop, Sticker | Computer Peripheral |
| Exhibition Booth | Audio Visual System |
| Truss & Lighting System | Office Equipment |
| Premium & Souvenir Items | Tents & Canopies |



No. 62B, Jalan Diplomatik,
Presint 15, 62050
Wilayah Persekutuan Putrajaya.

Citra Reka Ventures
(001685527-U)

Person To Contact: Nora 012-6495966



Greetings from Alumni Relations Centre, Universiti Tenaga Nasional!!!!

The Alumni Relations Centre would like to keep in touch with you as well as keep you informed about upcoming events that will be taking place at UNITEN. As such, please assist us by completing your personal details on the profile form provided. Also, keep an eye out on upcoming activities by visiting our website.

ALUMNI REGISTRATION FORM

Please insert your recent photograph here or you may send it as an attachment with this registration form

NAME : _____

GENDER : MALE / FEMALE

IC/Passport Number : _____

YEAR OF GRADUATION : _____ Student ID : _____

NAME OF PROGRAMME : _____ DEGREE : _____

DIPLOMA : _____

MASTERS : _____ PhD : _____

EMPLOYMENT STATUS

Please tick:

EMPLOYED SELF-EMPLOYED UNEMPLOYED STUDENT

NAME OF THE COMPANY/ ORGANIZATION / YOUR COMPANY/HIGHER INSTITUTION YOU ARE WORKING FOR/STUDYING AT:-

YOUR POSITION : _____

NAME OF IMMEDIATE SUPERVISOR: _____

WORK ADDRESS: _____

TEL. NO: _____ FAX NO: _____

CONTACT DETAILS

HOME ADDRESS: _____

TEL. NO : _____ H/P NO : _____

E-MAIL ADDRESS : _____

SIGNATURE : _____ DATE : _____

VISIT US AT : Alumni Relations Centre
 Level 3, Administration Building
 Universiti Tenaga Nasional
 Jalan Ikram-UNITEN
 43000 Kajang, Selangor

CONTACT : 03-8928 7545
 FAX : 03-8921 2117
 E-MAIL : <http://alumni.uniten.edu.my>

Alumni Relations Centre: Generating Lifelong Relationships

FOR ARC's USE

Activation key sent on:	Follow up on :
Status :	Webmaster's signature:

Disclaimer: Privacy and Security- ARC and the University have not, do not and will never provide alumni information to anyone. All alumni information is strictly guarded for University-related purposes only.



Things we do for you...

-  Cozy lounge and activity rooms
-  Reunions and Homecoming
-  Seminars on professionalism
-  Help you get a job
-  Career counseling
-  On Campus recruitment
-  Job solution handbooks & freebies
-  Assist in sponsorship
-  Fun activities



Website: <http://alumni.uniten.edu.my>

Email : ARC@uniten.edu.my

Tel : 03-89287545

Address : Level 3, Administration Building
Universiti Tenaga Nasional

Building lifelong relationships