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UTAR Council Chairman Tun Dr Ling Liong Sik and Associated Builders & Contractors Sdn Bhd Managing Director Yoon Kok Onn shaking hands – a gesture that symbolises the handover of the Phase 2 of UTAR Perak Campus to the University on 11 August 2012.



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## UTAR signs three pacts

### Malaysia Institute for Supply Chain Innovation – academic cooperation



Prof Ewe (second from left) and Dr Mahender exchanging MoU while Dr Lim (far left), Tan Sri Dr Zulkefli (centre) and Dr Tan look on.

UTAR and Malaysia Institute for Supply Chain Innovation (MISI) signed a memorandum of understanding (MoU) for cooperation at UTAR Petaling Jaya Campus on 3 July 2012.

Signing on behalf of the two parties were UTAR Vice President (Internationalisation and Academic Development) Professor Dr Ewe Hong Tat and MISI Chief Executive Officer Dr Mahender Singh. Dean of UTAR Faculty of Science Associate Professor Dr Lim Tuck Meng and MISI Education Director Albert Tan signed as witnesses. Also present was MISI Chairman Tan Sri Dr Zulkefli bin A. Hassan.

Under the MoU, UTAR and MISI will collaborate to foster advancement in teaching, research, and promoting international reputation of both institutions through student and staff exchange, joint research projects, training activities, consulting services or conferences, and other academic activities, particularly those that are related to the advancement of education and research in supply chain and logistics.

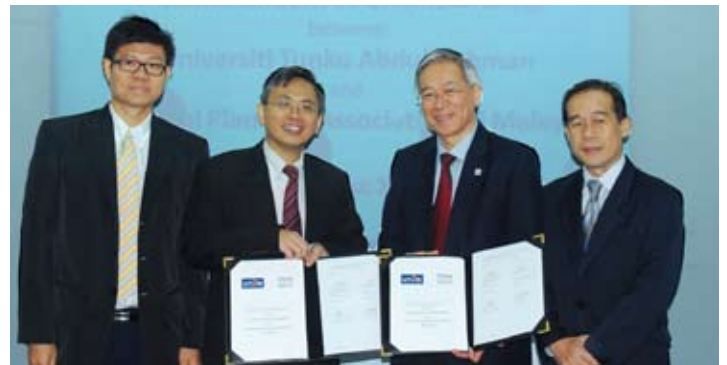
### Financial Planning Association of Malaysia – approved CFP education provider

UTAR and Financial Planning Association of Malaysia (FPAM) signed a MoU to offer Certified Financial Planner (CFP) certification programme at the university.

The MoU was signed by UTAR President Ir Prof Academician Dato' Dr Chuah Hean Teik and FPAM President Wong Boon Choy, while UTAR Dean of Faculty of Business and Finance Dr Choong Chee Keong and FPAM Chief Executive Officer Chan Chow Hun signed as witnesses.

In a ceremony at UTAR Petaling Jaya Campus on 17 August 2012, UTAR Vice President (Internationalisation and Academic Development) Prof Dr Ewe, on behalf of Prof Chuah, exchanged the documents with Wong.

Under the MoU, FPAM appointed UTAR as an approved education provider for its CFP certification programme. Subject to conditions, UTAR students of Bachelor of Finance (Hons) and Bachelor of Business Administration (Hons) Banking and Finance are given maximum exemptions of three out of six modules of the programme. In addition, both parties will collaborate on research projects, sharing of expertise, programme development, study visits, and academic activities such as conferences and workshops.



Prof Ewe (second from left) exchanging MoU with Wong, while Dr Choong (left) and Chan look on.



### King Mongkut's University of Technology North Bangkok (KMUTNB) – New partner

UTAR and KMUTNB signed a MoU via correspondence on 1 August 2012. Under the MoU, the two universities would work towards collaboration in the areas of research and development, academic activities, staff and student exchange, and credit transfer arrangements.

# UTAR reaps rewards of collaborative efforts



From left: UTAR Vice President (Student Development & Alumni Relations) Dr Teh Chee Seng, FSc Dean Dr Lim Tuck Meng, Sim, Prof Chuah, Tang, Teh, Oon and UTAR Council Member Hew Fen Yee.

## KLK scholarships

Three UTAR Faculty of Science (FSc) undergraduates received scholarships from the Kuala Lumpur Kepong (KLK) Berhad at UTAR Perak Campus on 11 July 2012.

KLK Berhad Regional Director (Peninsular Malaysia) Teh Sar Moh Nee handed out the scholarship awards to Oon Xiang Harnng, Tang Zhi Wei and Sim Wee Kee, who are currently pursuing their bachelor's degree in Agricultural Science. Each scholarship holder received a total of RM 30,000 for their three-year Agricultural Science programme.

The ceremony marked the inaugural presentation of KLK scholarships to UTAR students.

## Murata Scholarship

Second year Industrial Engineering student, Lim Boon Kiat from UTAR Faculty of Engineering and Green Technology (FEGT) received the Murata Scholarship worth RM 30,000 from Murata Electronics (M) Sdn Bhd in Batu Gajah, Perak on 16 August 2012.

The award was presented for the first time by Murata Electronics (M) Sdn Bhd Managing Director Yoshihiro Tanaka. Also present were UTAR Vice President (R&D and Commercialization) Prof Dr Lee Sze Wei, FEGT Dean Dr Yap Vooi Voon, and Head of Department of Industrial Engineering Yang Chuan Choon.



Tanaka (left) presenting a mock cheque to Lim (fourth from left), while (from left) Lim's parents, sister, Prof Lee, Dr Yap and Yang look on.



From left: Prof Chuah, Dr Diewald, Ong, Tan, Chuah, Dr Yap and Prof Lee at the award presentation ceremony.

## Infineon awards

Two UTAR FEGT Electronic Engineering graduands received the Infineon Best Electronic Engineering Student Award and Infineon Best Electronic Engineering Final Year Project Award at UTAR Perak campus on 15 August 2012.

Chuah Kim Chook received the Infineon Best Electronic Engineering Student Award worth RM 3,000, while Ong Chu En received the Infineon Best Electronic Engineering Final Year Project Award worth RM2,000 from Infineon Technologies (Kulim) Sdn Bhd Director and Head of Department of Technology, Dr Diewald Wolfgang.

The ceremony was witnessed by Infineon Technologies (Kulim) Sdn Bhd Department of Technology Director Tan Soon Keong, UTAR President Prof Chuah, Vice President (R&D and Commercialization) Prof Dr Lee, FEGT Dean Dr Yap, UTAR staff, students and family members of the award recipients.

## Synthomer award

UTAR FSc graduand Khoo Hooi Tee received the Best Chemistry Graduate Award worth RM 3,000 from Synthomer Sdn Bhd at UTAR Perak Campus on 25 July 2012.

The award was presented by the Synthomer Sdn Bhd Human Resource and Administration Director Minhat Wahid in the presence of UTAR Council Chairman Tun Dr Ling Liong Sik, UTAR President Prof Chuah and, FSc Dean Dr Lim.

Khoo, who intends to pursue Master's in Chemistry, completed her Bachelor of Science (Hons) Chemistry with first-class honours in May 2012.



Minhat (second from left) presenting the award to Khoo, while (from left) Prof Chuah, Tun Dr Ling and Dr Lim look on.





## Big Data-enabled innovation for New Business Value



Prof Andy Koronios (picture) from University of South Australia, who is also the appointed external examiner for UTAR Information Systems (Hons) Business Information Systems programme gave a public lecture on 8 August 2012 at UTAR Perak Campus.

'Big Data-enabled innovation for New Business Value' was the title of the talk in which Prof Koronios led the audience to discover the colossal amount of data collected by enterprises and discuss the opportunities for creating competitive advantage through new business model innovation. He said that the proliferation of social media, mobile devices and sensor technologies are exploding the amount of data that is generated and collected each day. However, those who are capable of managing and making sense of the data can create important and enormous business value.

"The way businesses make decisions has transformed from intuition and 'gut-feel' to evidence-based, auditable decision making," he said. He added that IT students can profit by becoming business analysts, information managers, data scientists, innovators, marketing sentiment analysts and so on, just as long as they are good at mathematics and statistics.

"Prepare yourself for the 21 century jobs; don't prepare yourself for only one job," he advised the crowd.



## Data Challenges in Multimedia Environmental Setting



Prof Paul Roe (picture) from Queensland University of Technology (QUT) was at UTAR Perak Campus on 19 June 2012 to speak on 'Data Challenges in Multimedia Environmental Sensing'.

The QUT Science and Engineering Faculty professor said traditional biodiversity monitoring is labour intensive and expensive. He explained that multimedia sensors can provide a solution to this problem. However, unlike traditional sensors, multimedia sensors' data collection process and management can be challenging due to the distributed and voluminous nature of the data.

Prof Roe, who is an expert in distributed computing, presented ways in which he addressed the above challenges including dynamic and adaptive data movement and processing through his research findings.



## The Mitigations and Rehabilitations of Some Natural Disaster in Malaysia and Amendment to the Engineers' Act Malaysia

Ir Dr Ooi Teck Aun (picture), a well-known and experienced geotechnical engineer in the region delivered a professional talk titled 'The Mitigations and Rehabilitations of Some Natural Disaster in Malaysia and Amendment to the Engineers' Act Malaysia' on 1 August 2012 at UTAR Kuala Lumpur Campus.



Held in conjunction with UTAR 10th anniversary, the talk was attended by more than 50 students, lecturers and delegates from Daiwa House Industry, one of the largest developers in Japan.

Dr Ooi spoke on ethics, professionalism, and responsibilities of engineers. He cited numerous case studies of natural disasters in Malaysia such as flood, landslide, and tsunami which were linked to the carelessness of design engineers. One of such examples was the Highland Tower landslide incident. Lastly, Dr Ooi briefly discussed on Engineers' Act Malaysia to raise awareness among the engineering students about their roles and responsibilities upon graduation.

## Stem Cell & iPSC Symposium



UTAR held a symposium on Stem Cell and induced Pluripotent Stem Cell (iPSC) on 25 June 2012 at UTAR Sungai Long Campus, which brought together 132 local scientist and clinicians from various institutions including Universiti Malaya, Universiti Kebangsaan Malaysia, Universiti Putra Malaysia, International Medical University and Universiti Teknologi MARA.

Besides educating the participants on the developments in the stem cell and iPSC field, the symposium also aimed to create a platform for them to share their research findings.

Among the topics discussed were mesenchymal stem cells (MSC) therapeutic in Malaysia by UTAR Dean of Faculty of Medicine and Health Science Prof Emeritus Dr Cheong Soon Keng (picture) and iPSC in treating metabolic disease by Singapore Bioimaging Consortium (SBIC) Group Leader Dr Shigeki Sugii.

# Entrepreneurial Talk Series

## Chu Jenn Weng

“Success is when preparation meets opportunity”, said ViTrox Group Chief Executive Officer Chu Jenn Weng (picture) at an Entrepreneurial Talk series on 11 July 2012 at UTAR Perak Campus.



He advised the students to be innovative, to be bold in taking risk, to develop their skills and to keep inventing new things in Malaysia.

“You (students) should change the mindset of wanting to work for a multinational company. Instead, develop your skills and be the one to set up multinational companies here in Malaysia,” said Chu.

He then shared his entrepreneurship experience and spoke on core values, strategies and objectives of a successful entrepreneur.

## Wayne Lim

“Ability to innovate, market and improve are the ways to be successful in entrepreneurship,” said Wayne Lim (picture), Malaysia Small Medium Enterprise (SME) group Chief Executive Officer in an Entrepreneurial Talk Series on 18 June 2012 at UTAR Perak Campus.

Lim was invited to speak by the Department of Consultancy and Commercialisation of UTAR in line with UTAR Entrepreneurial Talk Series which sought to inspire students with the valuable views and sharing of accomplished entrepreneurs.

In his presentation, he gave an overview on small and medium enterprises, highlighting some significant tips on how to become a successful entrepreneur. Among those tips were flexibility in thinking, passion, knowledge, having supportive people around and good interpersonal skills. He advised, “Think big and work hard to achieve it”.



## FBF event series

UTAR Faculty of Business and Finance (FBF), Centre for Business Management and Marketing Society co-jointly organised a series of marketing-related talks and activities at UTAR Perak Campus recently.

### • Prof Khong

Taylor’s University Business School Programme Director Prof Dr Khong Kok Wei presented his research on ‘Structural Equation Modeling (SEM) Bayesian Monte Carlo Markov Chain (MCMC) Approach on Empirical Studies: An application on the Impact of Supplier Involvement Practices on New Product Development Performance’ on 27 July 2012. His study investigated the association between key factors of supplier involvement practices in new project development.



FBF Deputy Dean (R&D and Postgraduate Programmes) Dr Chong Yee Lee (right) presenting souvenir to Prof Khong.

### • CIM

Three delegates from Chartered Institute of Marketing (CIM), one of the leading international bodies for marketing and business development, were at UTAR Perak Campus on 14 August 2012 to deliver talks to FBF staffs and students. The trio, CIM President Tan Sri Dato’ Prof Dr James Alfred, Vice President Michael Woo Wing Tuck and Chairman Goh Ing King, taught the audience the foundations of marketing.



Tan Sri James Alfred addressing the crowd.

### • Flea Market

A flea market was held at UTAR Perak Campus from 30 to 31 July 2012 to encourage students to develop their business and marketing skills.



James Ng at UTAR Perak Campus.

### • James Ng

Hong Leong Asia Xifei Consumer Products President James Ng presented a talk titled ‘Branding for Foods and Beverages: Challenges and Opportunity’ on 30 July 2012, in which he explained the influence of food product branding on consumers’ buying behaviour and overall sales of the product.



## To be Innovative, Don't Start with Creativity



### Joy of Physics

Prof Dr Raghavan Jayakumar (picture), a physics expert from the United States spoke on the joy of learning and applying physics on 28 June 2012 at UTAR Perak Campus.

Prof Jayakumar, who has published over 50 journals on Physics and engineering-related topics, said, "All theories of physics are related to everything around us. Feel the joy of discovering your surroundings. Physics is found in windmills, blood flow, cricket, football, badminton, friction, traffic flow, banking and finance and archeology-paleontology.



### Chemistry seminar by IKM



Four delegates from Institute Kimia Malaysia (IKM) who were led by Chairman Hwang Chin Hor, visited UTAR Perak Campus on 6 July 2012. Other visitors were auditor Hoong Seng Hong, committee member Jimmy Thong Kar Cheong and Captain Chan Weng Kwai.

A short talk by Hoong (picture) during the visit gave students insight into the field of chemistry and its various job functions in other industries

such as analytical chemistry, agricultural chemistry, biochemistry, chemical engineering, food and flavor chemistry, forensic science, geochemistry, green chemistry and semiconductor chemistry. Besides explaining the benefits of being a member of IKM, Hoong also briefly discussed the role of chemists in helping to overcome global issues such as global warming.

### Challenging the Unknown

"Let me take you to space," Dr Mamoru Mohri (picture) told about 100 students and staff who came for his talk titled "Challenging the Unknown", which was organised by the Astronomy Club at UTAR Kuala Lumpur Campus on 13 July 2012.

By that he meant sharing his experience and some still images and videos that were captured when he was in space in his NASA space shuttle mission as the first Japanese scientist to go into space.

Dr Mohri said everything floated and he could swim in air as he presented videos of the aerobic and spinning routines he executed in mid air in the space shuttle.

He also showed videos of some of the experiments that he had carried out in the zero-gravity condition in the spacecraft he was in, which included blowing water bubbles, examining the properties of water, colliding water bubbles with metal ball and investigating the changing size of human body parts in space.

"The most interesting part of the talk is that before he showed us the outcome of the experiments, he would walk around and asked the audiences what result they expected, forcing everyone's brain into high gear," said Teoh Hui Chieh, a lecturer at UTAR Faculty of Science and Engineering, who was also the emcee of the talk.

Dr Mohri concluded his talk by taking the audience around the Earth as viewed from space through his videos, and finally the Earth as seen from the Moon through Kaguya, a Japanese spacecraft.







**Law Geok Kian**  
Bachelor of Science (Hons)  
Construction Management  
Site Engineer,  
Gamuda Johor Venture Sdn Bhd

## UTAR nurtures leaders

**“The holistic education provided by UTAR made me a competent site engineer and a responsible leader who can contribute to the society, “said UTAR alumnus Law Geok Kian.**

Describing his profession as challenging, Law said UTAR lecturers, who were experienced experts in their respective field, has prepared him well to face the challenges. He added that they constantly update themselves with the latest development in the industry and disseminate their knowledge to students through well-prepared lectures.

Law developed his leadership skills through active participation in soft skills training and extracurricular activities organised by the University. He has put his leadership skills into good use even during his varsity days. In 2010, as the team leader, Law led his team to win the Merit Prize in the ASEAN Academy of Engineering and Technology (AAET) Engineering Science, Technology and Innovation (ESTI) Design Competition and Grand Prize in UTAR Green House Model Design Competition.

## Path less travelled

Awang Aizzuddin has trodden the path less travelled for his education since he was young. He attended a kindergarten which used Mandarin as the medium of instruction, and later, a Chinese-ethnic primary school for six years. He even received his secondary education at a private independent Chinese secondary school. As a result, this young man speaks fluent Mandarin, English, and Bahasa Malaysia.

When it comes to tertiary education, Awang rejected all other offers including one from a foreign university to join UTAR in May 2005 and enrolled in the Computer Engineering programme. Being a cross-cultural person, neither cultural background nor language was a barrier for him to be active in various campus activities. He was an appointed course representative for all three years of study. He was an active member and had served as secretary and treasurer of the Student Representative Committee.

**“My three years at UTAR were fruitful and filled me with unforgettable memories. I am made of all the good and positive values that I have learned at UTAR,” said UTAR alumnus Awang Aizzuddin.**



**Awang Aizzuddin Sulong bin Awang Sabli**  
Bachelor of Information Technology (Hons)  
Computer Engineering, 2008  
Information Technology Officer,  
Universiti Malaysia Sarawak (UNIMAS)

## Researcher and team-mate win international awards

UTAR researcher Dr Sumathi Sethupathi (right) and team-mate Dr Suzylawati Ismail (centre) from Universiti Sains Malaysia (USM) won gold prize at Korea International Women's Invention Exposition 2012 for their work on Chi-sorb (inset). They were accompanied by their supervisor USM Prof Dr Abdul Latif Ahmad (left). Their research work also won them the gold prize at the British Invention Show 2010.

Made from shrimp shell, Chi-sorb is a natural, modified carbohydrate biopolymer suitable for the removal of oil residue. It can coagulate and serve as a flocculant absorbing oil residue in wastewater. Chi-sorb is much healthier, cheaper and hazard free compared to other coagulants and absorbents, as it is biodegradable, non-toxic, biocompatible, metal-free, anti-bacterial and rich in polyelectrolyticity.



## Two edit InTech book



UTAR faculty members SP Setia Professor of Environmental Engineering and Green Technology Prof Dr Show Kuan Yeow (left) and Dr Guo Xinxin (right) were editors of the book titled 'Industrial Waste' published in March 2012 by InTech – a pioneer and world's largest multidisciplinary open access publisher of books covering the fields of Science, Technology and Medicine.

They were invited in September 2011 by InTech Europe, based in Croatia, to edit the book which was written by 43 authors from 13 countries: China, Ghana, India, Ireland, Malaysia, Poland, Portugal, Russia, Senegal, Slovenia, Spain, UK and USA.

"The job of editor was to review submissions from authors all over the world and we had to go through all of them in detail, be it technically or grammatically," said Prof Show. He added that only the cream of the crop was selected for further improvements and another round of review. His co-editor Dr Guo said, "I am happy and honoured to be involved in such editorial work for the first time."

Industrial Waste is available in print and online at InTech's website [www.intechopen.com](http://www.intechopen.com).

## Two teams win FFVPM prizes

UTAR Broadcasting students bagged two prizes at the award night of the ninth Festival Film & Video Pelajar Malaysia (FFVPM) held at Universiti Teknologi Mara in Shah Alam on 23 June 2012.

One of the UTAR teams won the best documentary prize at the festival and took home RM1000 for their entry 'Travelling Wheels'. The other team's entry 'Abbey's Smile' came in third in the best short film category and the team received RM500. 'Abbey's Smile' was among the three entries nominated in the best script and best overall video categories.

FFVPM, introduced since 2003 by the National Film Development Corporation Malaysia (FINAS), is an annual contest open to students from public and private institutions of higher learning in Malaysia to promote greater interest in the production of films and videos. This year's contest received 251 entries, the highest in its history, from 30 local institutions vying for 18 awards in seven film/video categories: short, documentary, experimental, animated, commercial, music video and public service announcement.





## Trio wins in Innovate Malaysia 2012

UTAR trio, final-year Electrical and Electronic Engineering students, (from left) Kong Kie Ming, Lim Khim Yan and Pang Yap Seng won the third prize in the National Instruments (NI) track of Innovate Malaysia 2012 held in Penang on 14 July 2012.

They received RM 1,000 cash and NI products worth RM 1,500 from NI vice-president of R&D Scott Rust (right) with their winning entry 'Smart Grid: Improve Power Quality with High Renewable Energy Sources' – an intelligent active energy management system that mitigates voltage imbalances due to high penetration of photovoltaic systems in low-voltage distribution network.

Innovate Malaysia, an annual multi-discipline engineering design competition open to all Engineering and Computer Science undergraduates in Malaysia, aims to instil an innovative culture among the students. It is also a platform for collaborative activities between the industry and universities.



## Best prototype and people's choice



UTAR team comprised (from left) students Ragihni Manoharan, Ashwini Sathasivam, Shalini Kamalanathan and K Aishvarya Lakshmi won the Best Prototype Award and People's Choice Award at the Makeweekend design competition held from 22 to 24 June 2012 at Universiti Teknologi Petronas in Tronoh.

Makeweekend was organised by the Weekend Movement, a community that builds crafty projects and innovative solutions to real-world problems over weekends. The event was a

project under the Science and National Innovation Movement Year 2012.

The UTAR team came up with a prototype (picture) that used straws to solve the real-world problem of oil spill recovery and outshone 20 other competing teams.

## Quartet is KaSUGI chess champ

Four UTAR students (picture) emerged as champion of the institutions of higher learning category in the KaSUGI Team Chess Championship held by Malaysian Chess Federation at a hotel in Kuala Lumpur on 14 and 15 July 2012.

The quartet from UTAR Perak Campus comprised Biotechnology student Tham Su Tian, Microbiology student Tee Han Kang, and Foundation students Keok Kai En and Lee Fei Xian. They bagged home prize money worth RM800, a challenge trophy, and four individual medals.

"We were over the moon," said Tham (right), who spearheaded the team to a resounding victory after beating four other teams from Universiti Teknologi Mara, Machang, Universiti Malaya Universiti Putra Malaysia and Universiti Teknologi Petronas. He professed that his 'love affair' for chess blossomed since nine, after his brother bought him a chess set.



## Second inter-faculty debate concludes



The five-day second UTAR Inter-faculty English Debate concluded on 6 July 2012. This year's debate was participated by all nine faculties. The Institute of Chinese Studies took part for the first time and managed to enter the semi-finals. Competing in the 60-minute finals were teams from the Faculty of Arts and Social Science (FAS) and the Faculty of Engineering and Green Technology (FEGT) on the proposition 'This House Would Abolish the Death Penalty For Drug Trafficking'.

The FAS team comprised Hong Tze Wei, Gladys Barbara Symos and Shahira binti Mohd Afzal, acted as the Opposition and strongly protested that the Government's abolishing of death penalty would weaken the existing deterrence to perennial drug trafficking. The Government speakers, (from left) FEGT's Chong Zi Quan, Sivanes Murugiah and team leader Louis Chong Tak Wai rebutted that death penalty was a violation of human rights and despite its enforcement, statistics still showed that drug trafficking cases were escalating. The Government's argument unanimously won the hearts of the three adjudicators and they emerged as the winning team with team-mate Sivanes receiving the Best Speaker Award.





From left: Hew, Tan Sri Hew, Dr Milton Lum, Tun Dr Ling, Yoon, Datuk Leong, Jay Yeunh and Prof Chuah.

# UTAR Perak Campus Phase 2 Handover Ceremony

**11 August 2012** marked the completion of Phase 2 development of UTAR Perak Campus.

A simple handover ceremony was held at the newly completed Dewan Tun Dr Ling Liong Sik where UTAR Council Chairman Tun Dr Ling Liong Sik and Associated Builders & Contractors Sdn Bhd Managing Director Yoon Kok Onn shook hands to signify the handover of the Phase 2 to the University. Also present to witness the ceremony were UTAR President Ir Prof Academician Dato' Dr Chuah Hean Teik, Planning and Development Committee Advisor Tan Sri Hew See Tong, Council Members Datuk Leong Tang Chong, Dr Milton Lum Siew Wah, Jay Yeunh Wee Tiong, and Hew Fen Yee, Vice President (R&D and Commercialisation) Prof Dr Lee Sze Wei and other UTAR staff members.

Measuring 334,506 sq ft, Phase 2 is the latest addition to UTAR Perak Campus' build-up area, which includes the Dewan Tun Dr Ling Liong Sik, Student Pavilion II, Lecture Complex II, Faculty of Information & Communication Technology (FICT), Faculty of Arts & Social Science (FAS), Institute of Postgraduate Studies & Research laboratories (IPSR), and Institute of Chinese Studies (ICS).



Buildings of FAS, ICS, FICT and IPSR Labs.



Night view of Dewan Tun Dr Ling Liong Sik.





## Dongseo University, Korea and Josai University, Japan

Delegates from Dongseo University, Korea and Josai University, Japan visited UTAR Perak Campus on 19 July 2012 to explore possible collaboration activities.

Dean of International Cooperation Office Prof Dr Chung Chan represented Dongseo University, while representing Josai University Educational Corporation were Chancellor Prof Noriko Mizuta, Director and Executive Board Member Prof Katsuhiko Namikawa, Dean of Faculty of Pharmaceutical



Prof Chuah and Prof Chung after a fruitful discussion.

Sciences Prof Kenji Sugibayashi, Dean of Academic Affairs Division-cum-Associate Dean of Faculty of Business Administration Prof Kazunobu Fukushima, Vice President-cum-Dean of Faculty of Tourism Prof Masumi Ishida, Dean of Department of International Exchange Studies Prof Maria Shigemi Ichiyama, Administrative Director of Office of the Chancellor Prof Kayo Shinozaki, Administrative Director of Center for International Education Prof Norimasa Tomita.



Prof Noriko (right) presenting a souvenir to Prof Chuah (left).

Receiving them were UTAR President Ir Prof Academician Dato Dr Chuah Hein Teik, two Vice Presidents Prof Dr. Ewe Hong Tat (Internationalisation & Academic Development) and Associate Prof Dr Teh Chee Seng (Student Development and Alumni Relations).

## Sri KL International School, Malaysia

A group of secondary students from Sri KL International School visited UTAR Perak Campus on 30, 31 July and 1 August.



## Ministry of Education, Taiwan

Delegates from the Ministry of Education, Taiwan visited UTAR Perak Campus on 29 July 2012. They were welcomed by Dean of Faculty of Science Dr. Lim Tuck Meng (first row, fourth from right), Dean of Faculty of Information and Communication Technology Dr Liew Sung Yue (first row, fifth from left) and other UTAR staff.

## Nanhai, China

A total of 50 participants of the 6th Nanhai District Ethnic Chinese Youth Summer Camp visited UTAR Perak Campus on 6 August 2012. The participants comprised both Chinese nationals and Malaysian Chinese were taken on a campus tour, which included a visit to the newly-completed Dewan Tun Dr Ling Liong Sik.



The participants of the 6th Nanhai District Ethnic Chinese Youth Summer Camp.



## Trio wins Intel Cup second prize

UTAR team comprised Master in Electronic Engineering students (from left) Ong Chu En, Goh Jia How and Cheong Yuen Kiat won second prize in the 2012 Intel Cup Undergraduate Electronic Design Contest – Embedded System Design Invitational Contest held at Shanghai Jiao Tong University from 16 July to 22 July 2012.

The trio won the prize with their project ‘Autonomous Control and Advanced Traffic Surveillance’ and walked away with a mobile phone charger and a certificate each.

UTAR was among the 76 universities invited by Intel to participate in the challenge. The 160 competing teams came from countries such as Argentina, Brazil, China, Costa Rica, Hong Kong, India, Malaysia, Mexico, Russia, Singapore, USA and Vietnam. The team from the Chinese University of Hong Kong emerged as winner of the Intel Cup, followed by 13 first-prize, 27 second-prize, and 56 third-prize winners.



## Six win four national Math prizes

“If only we knew about probability and statistics, many of us would be able to save ourselves from economic mess,” said Universiti Tunku Abdul Rahman (UTAR) Vice President (R&D and Commercialisation) Prof Dr Lee Sze Wei (picture, sixth from right), quoting American mathematician Prof Dr Arthur T. Benjamin, in his opening address for the Seventh National Mathematics Competition held at UTAR Kuala Lumpur Campus on 28 July 2012.

UTAR students won four of the nine top prizes in the three categories of the competition. Lim Jin Fan and Lim Yu Wei won second and third prize respectively in Category A, which required contestants to answer 20 multiple choice questions within one hour. Ng Chuan Yung (picture, seventh from right) emerged as champion in Category B, which was a ‘race’ where contestants need to answer correctly as many of the 200 questions within 10 minutes. UTAR team comprised See Leng Li, Goh Pi Han and Tan Kok Hong was champion of Category C, which was a relay race where three contestants, each given 20 minutes, took turn to answer 20 questions.



## Four wins seven Tang Soo Do medals



UTAR team (picture) won seven medals – one gold, two silver and four bronze – at the 21st Perak Tang Soo Do Championship held by Perak Tang Soo Do Association at SMK St Anthony, Teluk Intan on 1 July 2012.

In the men’s black-belt individual free sparring event, Advertising student Fong Yap Han (left), Foundation-in-Science student Chen Choy Soon (second from left), and Accounting student Tan Tze Xiang (second from right) won the gold, silver and bronze medal respectively. Fong and Tan also won a silver and bronze medal respectively in the men’s black-belt individual formation event. Fong also took the bronze medal of the men’s open free fighting event. Foundation-in-Science student Chook Kar Hui (front, left) won the bronze medal in the women’s black-belt individual sparring event.

## ‘The Entertainer’ and ‘Memory’ bring first prize



The recitals of ‘The Entertainer’ and ‘Memory’ brought Business Administration student Cheong Ming Wei (centre) the first prize in the solo category of the piano competition of the inaugural UTAR Music Festival held at Perak Campus on 28 July 2012.

Biotechnology student Hanson Lau (left) won the second place with ‘Colours of the Wind’ and ‘Time Travel’ and Psychology student Eeleen Ang Wei Shan (right), the third place with ‘Simple Pleasure’ and ‘The Moment’. Ang partnered with Communications and Networking student Joseph Foo and to emerge as champion of the duet category.





## German exchange

"It was the thrill of adventure that had piqued us to pack our bags, leave our comfort zones and head to the vibrant lake-view campus of UTAR in Kampar, Perak!" exclaimed Thomas Vetterl (left), an adventure junkie.

Vetterl, 25, and Kristina Mayer (right), 24, from the University of Applied Sciences in Regensburg, Germany, had Dr Rupert Schreiner to thank to, for their erudite professor enlightened the two students of Master in Electrical and Microsystem Engineering about the eight-month exchange programme.

Upon arriving, the wide-eyed wanderers stood flabbergasted at the futuristic campus. Mayer reckoned, "The cutting-edge design is a breakthrough for universities all over the world and a far cry from our campus in Germany, which is steeped in classical antiquity." She attributed the stark contrast to time and cultural differences.

The euphoria of having discovered a new frontier was soon infiltrated by the stinking realities of having to adopt a new culture. A pensive Vetterl reminisced, "The transition was awkward since I am a strict vegan." According to sources close to the two, the physically-striking chap had had dietary woes and lost pounds despite adhering to a balanced diet regime. Interaction hiccups also occurred, no thanks to their German accent and the purported derogatory variety of Malaysian English or 'Manglish'. Mayer chuckled, "It tickled our bones



to detect a smatter of English and local dialects articulated by our Malaysian counterparts."

All good things come to an end and so is their short-lived stay in Malaysia. In a blink of an eye, the duo, who stayed since mid-February, will be bidding farewell to UTAR in September.



## French-tastic Four

"Our seniors and Malaysian students in our university told us that Malaysia is a lovely place to visit [and study]," said Damien Clabaut (left), adding that since his university TELECOM Lille 1 and UTAR were partner institutions for student and staff exchanges in Engineering programmes, many of his seniors had chosen UTAR for internship attachments. The leading Engineering school in France has been sending their year-two Telecommunication Engineering students to Malaysia for internship since 2005.



Clabaut and course-mates (from right) Felix Bonningue, Hugues Leroy and Vincent Delerue, were at UTAR for their project on using the EPON system, LAN switch, IP router, and the Passive Optical Network (PON) test-bed at the Faculty of Engineering and Green Technology to demonstrate triple play service (Data, Voice, and Video) on a Fibre-to-the-Home (FTTH) network. Their project, which came under the supervision of Dr Lee Sheng Chyan, turned out to be a success. "Dr Lee has been really helpful and we learn a lot from him," said Clabaut. Leroy concurred, "[The progress of] our project has been good. It is interesting and enriching at the same time."

On their new campus life, Bonningue said, "UTAR is a good place to study because its facilities are good, well-equipped and maintained", adding that the scenic landscape is what set the campus apart from others. "People in UTAR are nice and friendly," said Delerue, but he added that since they were in the lab or hostel most of the time, they had yet to make a lot of friends. The French interns also felt that the Malaysian weather is weird. On a hot day, it can suddenly rain but the rain may last only five minutes.

## Milk a deal at exhibition

About 400 visitors including students from a few secondary schools turned out at an exhibition held by UTAR Centre of Foundation Studies (CFS) at UTAR Petaling Jaya Campus on 23 June 2012.

Various activities were carried out throughout the one-day event. Besides CFS staff and students, some activities even involved the students' parents. Among the highlights was a sharing session by entrepreneur Shaun Lee, co-founder of Milk-A-Deal – an e-business budget deal portal.

Another highlight was Choong Jian Han and Nevins Chan's jaw-dropping performance, in which the duo blindfoldedly solved the Rubik cube puzzle within three minutes.

The exhibition was a fun-filled platform for CFS students to showcase the knowledge that they have learnt. They exhibited their paintings, demonstrated lab experiments (picture), and participated in a photography competition and flea market.



## New SRC takes over



UTAR Student Representative Committee (SRC) 2011/12 [from left: Aaron Chew Jun Yi (Kuala Lumpur Campus), Nicholas Wee Cheng Han (Sungai Long Campus) and Chai Wai Kit (Perak Campus)] handed over their duties to the newly elected SRC 2012/13 [fifth from left: Dinesh Pillay a/l K Thayalan Pillay (Perak Campus), Ng Kok Hui (Petaling Jaya Campus), Ng Chih Seng (Sungai Long Campus) and Bryan Ng Horng Heng (Kuala Lumpur Campus)] in a ceremony held at UTAR Perak Campus on 19 July 2012.

"I wish to congratulate the previous committee for their contributions towards the students and the University for the past one year," said UTAR President Ir Prof Academician Dato' Dr Chuah Hean Teik (fourth from left), after welcoming the newly-elected SRC members. Also present at the ceremony was UTAR Vice President (Student Development and Alumni Relations) Dr Teh Chee Seng (right).

## Soft skills get-together

UTAR alumni, students and external trainers of UTAR Department of Soft Skills Competency (DSSC) got together for a dinner at UTAR Petaling Jaya Campus on 28 July 2012. The dinner was organised by DCCS Klang Valley.

"DSSC plays a vital role in equipping UTAR students with relevant soft skills which help them to realise their fullest potential. Our students' successes are partly attributed to the department," said UTAR Vice President (Internationalisation and Academic Development) Prof Dr Ewe Hong Tat. He urged current students to take advantage of the trainings and activities organised by DSSC to enhance their skills and talents.

Also present at the dinner was UTAR Vice President (Students Development and Alumni Relations) Dr Teh Chee Seng. The night started with an icebreaking session (picture) for all to get to know each other, followed by a good meal, lucky draw and performances by students.





## Viruses exhibited



A total of 30 final-year UTAR Biomedical Science students participated in a poster exhibition on human viral diseases held at Perak Campus from 11 to 16 July 2012.

The exhibition, part of the final-year students' group project, aimed to create greater awareness among UTAR staff, students and the public about viral diseases that are common in Malaysia. The diseases showcased included common cold (rhinovirus), poliomyelitis, hepatitis A, B and C, herpes simplex, human T-cell leukemia, hand-foot-and-mouth disease, rabies, Kaposi's sarcoma, rotavirus gastroenteritis, chickenpox, yellow fever, Nipah virus infection, dengue fever, meningitis, severe acute respiratory syndrome (SARS), and measles. The posters (picture) featured the significance, prevalence, pathogenesis and preventive measures of the diseases.

As part of the year-long UTAR 10th Anniversary celebration, the Faculty of Information and Communication Technology (FICT) held a FICT Day themed 'Past, Present and Future' at Perak Campus on 24 July 2012.

The faculty's open day featured an exhibition whereby the faculty members and students showcased their research works (picture) which included students' final-year projects. Leading ICT companies such as Microsoft, Oracle, Huawei, CyberSecurity and Trend Micro were also invited to exhibit their products. The invited companies also gave talks on the latest trends in ICT in the career fair.

## 3-in-1 FICT Day



## Run attracts 825



The UTAR Perak Campus Run, held on 15 July 2012, attracted 825 UTAR students, staff and members of public to participate. Organised by Department of Student Affairs, the run was held in the second consecutive year following the success of its debut last year. Deputy Home Affairs Minister Dato' Lee Chee Leong flagged off the run at 7.00am (picture).

UTAR Petrochemical Engineering student Ken Khai Sern, Commerce Accounting student Hooi Ving Fai and English Language student Tan Khye Chuin won the gold, silver and bronze medal respectively in the UTAR men's category. In the UTAR women's category, staff Ong Sueming, Commerce Accounting student Reena Kaur and Biotechnology student Lim Shen Yin took the first, second and third prize respectively.

Universiti Teknologi Petronas (UTP) student Almur Abdelkreem Saeed Rabih, a Sudanese, won the gold medal in the men's open category, while Mohd Saddam bin Mohd Pittli from Teluk Intan and Risitharanachari Thiruvalluvar from Ipoh Running Club took the silver and bronze medal respectively. In the women's open category, Sin Pei Chan and Ow Ping Kwai, both from Kampar, and Uzbek UTP student Shakhnozakyamdamaova were in the first, second and third place respectively.



# We care We act

The We-Care-We-Act (WCWA) community service campaign was initiated by the Department of Soft Skills and Competency (DCCS) as a meaningful way to celebrate the UTAR 10th Anniversary. Launched at the beginning of the year, the campaign aimed to engage UTAR students to participate in community service in new villages in Perak including Banir Estate, Tapah Road, Kampung Pahang, Pekan Getah, Temoh, Chenderiang, Bidor Station, Sungkai, Air Kuning, Sungai Kroh, Tanah Mas, Chendrong, Lawan Kuda, Simpang Pulai, Chui Chak, Kuala Bikam, Sungai Durian, Coldstream, and Batu 12. This issue of UTAR Horizon reports the WCWA activities carried out in Air Kuning, Chendrong, Sungai Kroh, Sungai Siput and Bidor.



## Air Kuning – recycle for charity

A group of 30 WCWA volunteers helped in recycling waste items of the residents in Air Kuning New Village on 9 June 2012.

Divided into 10 groups and accompanied by some villagers, the students, equipped with gloves and plastic bags were assigned to collect recyclable items such as of paper, plastic, metal and glass from door to door. They also cleaned up the rubbish along the way.

At about noon, they loaded their 'harvest' onto a collector's truck. The money raised from the sales of the recyclable items was donated to charity.



## Chendrong – recycling and health checkups

A recycling campaign was held by 42 WCWA volunteers at Chendrong on 30 June 2012. The campaign generated great interest among the villagers on recycling.

Dr Yang Zao (picture, first from left) from the Department of Chinese Medicine of the Faculty of Medicine and Health Sciences, who accompanied the group, provided health checkups to the villagers. He was aided by four student volunteers from his faculty.



## Sungai Kroh – English and IT training

On 16 June 2012, a group of 22 WCWA volunteers, led by DSSC staff, spent their Saturday teaching Chinese primary schoolchildren English and IT with computer teaching aids in Sungai Kroh New Village.

The volunteers brought along a laptop and LCD projector to conduct the three-hour training workshop. They started the workshop with an icebreaking session to get closer to the children before teaching them the basics of English grammar, listening and speaking skills.







## Sungai Siput – English and IT Training

The WCWA English and IT training workshop was conducted on 31 March 2012 in Sungai Siput New Village near Kampar, where 35 volunteers taught 23 schoolchildren of Sungai Siput Selatan Sin Min Chinese primary school English and IT with their computer training aids.

“I enjoy helping the villagers through this community service project because I learn about teamwork and leadership,” said team leader Tan Zhi Yun.

Another volunteer Fong Woei Lunn said, “I have learnt to be grateful and appreciate what I have after seeing the conditions of the village children.”



## Bidor – schoolchildren motivated



WCWA volunteers visited Choong Hua 2 Chinese primary school in Bidor on 7 April 2012 to motivate the schoolchildren to study hard.

They conducted a half-day workshop, which was attended by 30 schoolchildren. The workshop started with an icebreaking session for the volunteers to get to know the children better before guiding them on their study.



## DIY composting site in Bali New Village



Housing and Local Government Minister Dato' Seri Chor Chee Heung mixed the composting material (picture) as he launched the do-it-yourself composting site at Bali New Village near Ipoh, Perak on 23 June 2012. Also present was Perak State Executive Councillor Dato' Dr Mah Hang Soon.

The DIY composting setup in Bali New Village was initiated by the Ministry of Housing and Local Government to help manage both dry and wet wastes disposed by the villagers. The ministry collaborated with Technological Association of Malaysia, UTAR, Universiti Teknologi Petronas and Maxwell College to set up the composting site. Last year, the students from the universities and college involved had a dialogue session with the villagers on proper waste management including the importance of waste separation for recycling purpose.

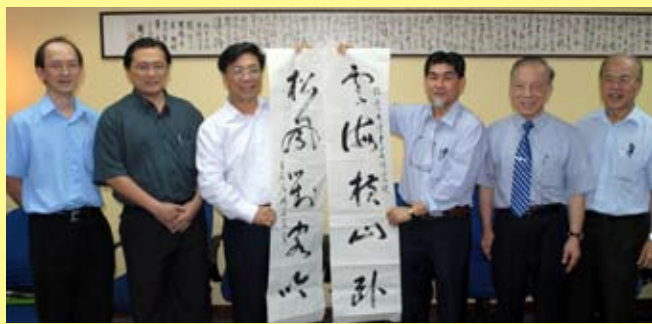


## 陈维德教授主讲：中国文字与书法 ——有趣而内涵丰富的中国文字

配合郑浩千联文诗词百家书法展的举办，拉曼大学中华研究院艺术研究组有幸邀请到台湾著名书法家陈维德教授于6月25日莅临本院演讲。陈维德教授现任明道大学人文学院院长，近年为明道大学争取成立书法硕、博士班。陈教授学养醇厚，其诗、文、书法，更是蜚声国际。陈教授曾获中山文艺奖、国家文艺奖、吴三联奖，多次应邀于海内外美术馆个展，有书法集及学术论著多种行世。

此次演讲的题目为“中国文字与书法——有趣而内涵丰富的中国文字”，出席者包括马来西亚中华国学书院的副主席张今龙先生、院务顾问阮罗荣先生、客座教授郑浩千博士，留台联总文化艺术组主任陈泽清先生，以及东方人文艺术馆馆长陈韵森小姐等嘉宾均出席，此外也吸引了院内多位师生前来聆听，场面一片热闹。

演讲内容，主要是从三个部分进行：一、中国文字的造字方法。二、中国文字的逻辑性。三、中国文字的书法之美。中国文字是世界上三大最古老的文字之一，而且至今独



(左起) 李乾耀、张晓威、何启良、郑浩千、陈维德、林水椽。

存。其所以能如此，实有其特殊的优越性。其中至少包涵了科学性、实用性和艺术性。在此次讲述中，陈教授以深入浅出的方式，并提出具体的实例，分别加以论述、说明。

演讲结束后，陈教授即席挥毫，呈现其精湛的书法与醇厚的文学造诣，题下了“诗罢春风荣草木，书成快剑斫蛟龙。”这幅楹联。接着，在大家的鼓吹下，郑浩千先生也即兴濡墨挥毫，写下“云海横山卧，松风对客吟”一联。最后陈教授和郑先生将墨宝赠送予中华研究院，为演讲划上圆满的句点。

## 中华研究院主办马华现代诗 国际学术研讨会

本校中华研究院于7月7日以及8日主办了长达两天的“马华现代诗歌国际学术研讨会”，出席的嘉宾有高教部副部长何国忠、副校长（国际与学术发展）尤芳达教授、中华研究院院长何启良教授、霹雳留台同学会会长萧国根，而发表论文的学者分别自中、台、新及我国，如温任平、黄锦树、李有成、王润华、陈芳明、许文荣（拉曼大学）、李树枝（拉曼大学）、辛金顺（拉曼大学）等。前来的公众人士约60位。

现代诗是马华现代主义文学运动的先锋，从60年代开始，就一直扮演着开疆拓土的角色。本校中华研究院配合拉曼大学十周年校庆，而举办这场国际学术研讨会，以学术的深度，为马华现代诗歌提出多方的思维与观察。

高教部副部长何国忠致开幕词时也说：“虽然，马华文学的历史不长，但是其后劲却是不能忽视的，因为越来越多的学者开始投入马华文学的写作以及研究工作。”他也表示，比起数十年前，目前马华文学的作者与研究资料已明显增加，即使仅邀请国内学者，就已足以办一场盛大的马华文学学术研讨会。因此，他希望日后会有更多类似的学术研讨会以栽培、孕育更多表现卓越的马华作家，丰富马华文学内容。

中华研究院院长何启良教授指出，回首看看我国过去的学术研讨会中，大多数都集中于探讨整个马华文学，并无深入研究马华诗歌于世界诗歌史上的学术位置。他也表示，本校中华研究院与中文系目前正在策划举办马华古典诗以及格律诗的学术研讨会，以肯定马华诗歌在世界文学的地位。



高教副部长何国忠（前排中）与出席嘉宾合影。

## 动地吟： 诗人群体撼天动地而吟之

由拉曼大学中华研究院承办的“大学动地吟”于6月17日如火如荼地进行，吸引了逾百名观众出席，其中包括拉曼大学教职员、学生以及外界人士。

出席此次大学动地吟的嘉宾有霹雳行政议员拿督马汉顺夫妇、霹雳州教育局华文科督学庄廷亮、本校副校长李仕伟教授（研究与商品化）与郑志成博士（学生进展与校友联系事务）、中华研究院院长何启良教授以及“大学动地吟”筹委会顾问老师曾维龙。



中华研究院院长何启良教授致序幕辞。

何启良教授致开幕辞时说：“《动地吟》演出三场后，从墓园、地下、寺庙，终于来到了大学学府。《动地吟》来到金宝拉曼大学，与其说青青学子望穿秋水，不如说沉吟诗人回到原点做更清醒的反省。动地诗人光辉湖畔，为大学校园苍穹增添异彩，乃一宗文化佳话。天与地的交流，山与湖的互动，故人与新知的对话，历史与现实的抗争，诗人与大学的挑衅，现在开始。”

《动地吟》主要是纪念已故诗人游川、相声家姚新光、大马华人音乐教父陈徽崇以及音乐家陈容，而缅怀方式包括朗诵及演唱诗歌、舞蹈和诗剧。

上台朗诵、演唱诗歌的有大马著名诗人傅承德、音乐人周金亮、林金城等。《大学动地吟》节目丰富多彩，让观众欣赏文艺表演的同时，也在探讨节目所带出有关我国的各种时事议题。

在谢幕时，全体演出的诗人、歌手、舞者和演员，唱出题为《老朋友》的诗歌，为“大学动地吟”画上圆满句点。



“大学动地吟”序舞——《印章》。



## 中医药研究中心人员 参观柔佛兴德草药园



6月2日，拉曼大学中医药研究中心的研究人员驱车横穿马来半岛，来到柔佛兴德（Endau, Johor）的草药园，参观了其中的药用植物。

马来西亚地处热带，自然条件优越，森林资源非常丰富，植物品种极其繁多，文献记载有8000多种植物，其中乔木2500种，兰科植物800多种；药用植物包括香料植物和芳香植物等广泛应用在各类型的产品中，如草药、保健添加物、饮料、香精、香料、化妆品等等。

大马本土的植物，因具有丰富的生物和化学多样性，而拥有巨大的产品潜力。有鉴于此，拉曼大学中医药研究中心拟考虑在金宝校区引进部分品种，人工栽培，以供今后研发之用。

柔佛兴德（Endau, Johor）的德教会紫荊阁百草圃里栽种了数百种当地草药，其中有长春花、忧遁草、虎杖、两面针、竹节蓼、黄花母、半边莲、穿心莲、车前草、黑面将军、天文草、火殃筋、大驳骨丹、扶桑大红花等治疗疮疡热毒、风湿痹症、癌症等常见热带病、多发病的民间用药。

当地德教会志工经常用这些药草免费治疗民众的疾患，疗效颇佳。研究中心人员兴致勃勃的参观了药物园中的这些热带植物，

进行了仔细考察，收获不少，已决定在其中选定数十种药用植物引进栽种，准备在霹雳的金宝校区建立大学草药园，进一步深入马来西亚本地草药的研究。



## “关爱自己，感受中医” 健康讲座和义诊活动

12年7月27日，应关丹有关团体邀请，由大马华人文化协会彭亨分会气功组、关丹狮子会与拉曼大学中医系联办的“关爱自己、感受中医”大型健康讲座及义诊活动在关丹举行。当晚的健康讲座获得近700名市民踊跃出席、聆听，反应热烈。我校中医系教授翟亚春就“前列腺疾病”、杨早助理教授就“如何预防癌症”、客座教授华浩明就“家庭常用中药补品”等专题发表了演讲。

7月28日从上午八点半至下午二点，中医系八名医师为关丹民众提供的免费中医医疗服务，受惠民众达四百人之众。参加义诊的医师还有客座教授杨亚平、李益生和甘君学，郑建强博士、黄凤菱也提供了传统的针灸及推拿治疗。

此次健康讲座及义诊活动是关丹同类活动中参加民众最多、反应最佳、影响最大的一次活动，中医系职员也借此机会向关丹地区民众介绍了拉曼大学及开办近二年的中医课程。本次活动并得到媒体的关注及广泛报道。



## 《颈椎病之中医预防 及患者自治方略》

**什么是颈椎病？** 颈椎病是颈椎骨关节炎、增生性颈椎炎、颈神经根综合征、颈椎间盘脱出症的总称，是一种以退行性病理改变为基础的疾患。颈椎病是颈椎退行性变引起颈椎管或椎间孔变形、狭窄，刺激、压迫颈部脊髓、神经根，并引起相应临床症状的疾病。

此病多见于40岁以上患者。随着人们工作、生活方式的改变，颈椎病是现代社会的常见病、多发病，其病发率明显上升且患者日趋年轻化。

拉曼大学延续教育中心于8月11日举办《颈椎病之中医预防及患者自治方略》讲座，邀请拉曼大学与保健科学学院中医系讲师郑建强博士主讲。郑博士说，造成颈椎病的病因包括慢性劳损、外伤、不良姿势、寒冷潮湿、遗传因素和其他原因，如咽炎等。

他说，颈椎病的分型可分为神经根型，脊髓型，椎动脉型和交感神经型四种。常见的症状如：颈部有不同程度的畸形及僵硬现象，常伴有头颈肩背手臂酸痛，一侧肩背部沉重感，上肢无力，手指发麻，肢体皮肤感觉减退，手握物无力，有时不自觉的握物落地；头痛、头晕、偏头痛、头沉、头昏，枕部痛或颈后痛，下肢无力，行走不稳，二脚麻木，行走时如踏棉花的感觉，排尿或排便障碍；心跳加快，心律紊乱、心前区疼痛、血压升高和胸部紧束感等。



人们可通过体格检查，颈部X光片，颈部CT和颈部MRI等方法诊断是否患有颈椎病。此外，人们若保有良好正确的姿势和经常运动，也可预防颈椎病发生。

这场讲座吸引了近百人出席聆听。郑博士还在会上亲自示范穴位按摩和教导出席者简单易学的保健运动。





## Hargai hidup

Unit Kaunseling dan Bimbingan, Jabatan Hal-Ewhal Pelajar UTAR telah menganjurkan Kempen Kaunseling dan Kesedaran bertema 'Menghargai Hidup' dari 28 hingga 30 Jun 2012 di Kampus Sungai Long UTAR.

Kempen ini diadakan bersempena dengan sambutan ulang tahun UTAR yang ke-10. Kempen dimulakan dengan majlis perasmian oleh Presiden UTAR Ir Prof Academician Dato' Dr Chuah Hean Teik serta disaksikan oleh Naib Presiden (Pembangunan Pelajar dan Hubungan Alumni) Dr Teh Chee Seng, Ketua Jabatan Hal-Ewhal Pelajar Tee Sock Sing dan Timbalan Dekan Fakulti Perubatan dan Sains Kesihatan Prof Dr Yap Sook Fan. Kemudian, mereka mengiringi Prof Chuah untuk melawat pameran kesihatan yang dikendalikan oleh pelajar UTAR.

Kempen yang berlangsung selama tiga hari tersebut turut mempersembahkan peluang kepada para pengunjung untuk menjalani pemeriksaan kesihatan yang diadakan dengan kerjasama Yayasan Buah Pinggang Kebangsaan. Dengan menderma sekurang-kurangnya RM5, mereka boleh menjalani pemeriksaan tekanan darah, paras glukosa dan kolestrol dalam darah, jisim indeks tubuh (BMI), urinalisis dan lilitan pinggang serta menerima perkhidmatan kaunseling.

Pelbagai aktiviti menarik turut diadakan seperti pameran daripada pihak luar, bengkel, ceramah, persembahan yoga dan nyanyian, ujian psikologi serta kempen menderma darah yang telah menarik penyertaan daripada ramai pelajar UTAR serta orang awam.



Persembahan Yoga.



Prof Chuah ketika melawat pameran.

## Seminar Kesedaran Jenayah

Pada 30 Jun 2012, Jabatan Kompetensi Kemahiran Insaniah (DSSC) dengan kerjasama Jabatan Keselamatan (DSS) UTAR telah menganjurkan Seminar Kesedaran Jenayah yang bertempat di Kampus Petaling Jaya UTAR.

Seminar yang berlangsung selama setengah hari itu telah melibatkan dua kakitangan Polis Diraja Malaysia (PDRM) iaitu Penolong Penguatkuasa Polis (ASP), Lim Chee Koong dan Inspektor Halidah Ajar. Mereka menyampaikan ceramah tentang jenayah serta langkah keselamatan yang wajar diambil. Sementara itu, kakitangan DSSC, Chong Yew See turut menyampaikan ceramah tentang kes rogol dan mempersembahkan teknik pertahanan diri.



## Pameran Penyelidikan dan Pembangunan



Pelawat mencuba mikroskop ringkas.

Bagi memeriahkan sambutan ulang tahun UTAR yang ke-10, Pameran Penyelidikan dan Pembangunan (R&D) telah dilancarkan di Kampus Petaling Jaya UTAR pada 6 dan 7 Julai 2012. Pameran itu bertujuan untuk memupuk minat pelajar dalam bidang sains dan penyelidikan.

Acara yang berlangsung selama dua hari itu mempersembahkan eksperimen yang dikendalikan oleh pensyarah dari Pusat Pengajian Asasi (CFS) UTAR. Selain itu, pameran poster, ceramah dan pelbagai aktiviti interaktif turut diadakan.

Pameran yang diselenggarakan oleh pensyarah CFS itu turut memberi peluang kepada para peserta untuk mencuba eksperimen yang berkaitan dengan bidang kimia. Antara eksperimen itu termasuk perubahan warna susu, pertunjukan dakwat ghaib dan pH kubis merah, penjanaan elektrik dengan menggunakan buah-buahan dan sayur-sayuran, pameran tindak balas kimia terhadap duit syiling serta penyelesaian ajaib. Peserta turut berpeluang mempelajari kaedah memasang mikroskop ringkas, cermin mata stenopeic, teleskop terbalik, enjin bot berstim berkuasa lilin, gitar ringkas dan turbin berkuasa stim.

Demonstrasi ciptaan robot oleh Pensyarah Fakulti Kejuruteraan dan Sains UTAR, Julian Tan Kok Ping juga menarik tumpuan para pelawat. Selain itu, ceramah tentang sains dan teknologi turut diadakan.



Pelawat mencuba dakwat ghaib.

### UTAR CAMPUSES

#### Petaling Jaya Campus

(KPT/JPS/DFT/US/B07)

9 Jalan Bersatu 13/4  
46200 Petaling Jaya  
Selangor Darul Ehsan

#### Kuala Lumpur Campus

(KPT/JPS/DFT/US/W05)

Jalan Genting Kelang  
53300 Kuala Lumpur

#### Sungai Long Campus

(KPT/JPS/DFT/US/B12)

Lot PT 21144  
Jalan Sungai Long  
Bandar Sg. Long  
Cheras, 43000 Kajang

#### Perak Campus

(KPT/JPS/DFT/US/A04)

Jalan Universiti  
Bandar Barat  
31900 Kampar