

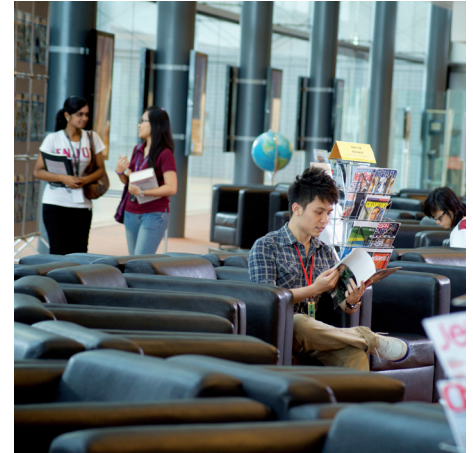
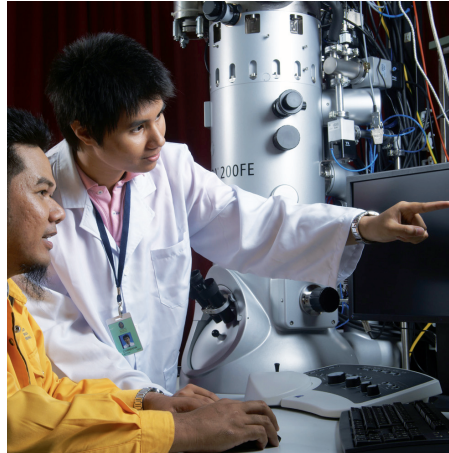


UNIVERSITI
TEKNOLOGI
PETRONAS
engineering futures

Annual Report 2012



Concept Rationale



Strength in Diversity

The cover, that features three-dimensional squares of tonal blue forming technicolour visuals of university activities, depicts differences and diversity gaining speed and momentum that culminated in visible performance.

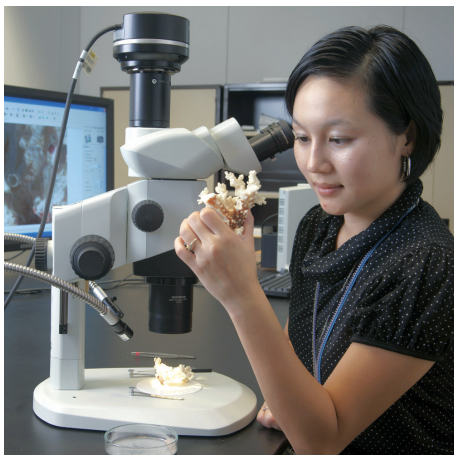
The University has garnered strength from collaboration, synergy and partnership from corporations and organisations with diverse origins, business interests and corporate objectives. Its faculty is a melting pot of expertise and experience from all corners of the globe. The student population breathes diversity - in thought, practice and culture.

Rising to challenges and thriving under pressure and differences are part of the elements that make the University what it is today. The concept "Strength in Diversity" aptly describes the accomplishments and events of the year in review.

*"Strength lies in differences,
not in similarities"*

- Stephen R. Covey

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▶ Corporate Profile

Vision, Mission and University Profile

Vision

To be a leader in Technology Education and Centre for Creativity and Innovation.

Mission

- Universiti Teknologi PETRONAS (UTP) is an institute of higher learning. We provide opportunities for the pursuit of knowledge and expertise for the advancement of engineering, science and technology to enhance the nation's competitiveness.
- Our objective is to produce well-rounded graduates who are creative and innovative with the potential to become leaders of industry and the nation.
- Our aim is to nurture creativity and innovativeness and expand the frontiers of technology and education for the betterment of society.

University Profile

UTP which was established in 1997, has grown to be one of the most prominent private universities in Malaysia. Offering a wide range of industry-relevant engineering and technology programmes at undergraduate and postgraduate levels, UTP has produced more than 9500 graduates and currently has an enrolment of 5,700 undergraduates and 1,250 postgraduates from over 55 countries around the world. UTP complements its engineering and technology programmes with quality education in the areas of management and the humanities, with the aim of producing well-rounded graduates exhibiting excellent leadership qualities and communication abilities.

Rated as Tier 5 (Excellent) University for the year 2011 Rating System for the Malaysian Higher Education Institutions (SETARA '11) and achieved the Tier 5 for 2011 D-SETARA (Discipline-Based Rating System) in engineering, UTP continues to provide distinctive educational opportunities to its students.

UTP also places strong emphasis on Research and Development as it strives to achieve the status of an internationally renowned Research University. The university conducts extensive research activities in collaboration with PETRONAS and other institutions and industries locally and abroad focusing on Enhanced Oil Recovery, Carbon Dioxide Management, Deepwater Technology, Nanotechnology, Green Technology, Biomedical Technology, Hybrid Energy Systems, Intelligent Cities and Sustainable Resources. This is evident when UTP was awarded a 5-star excellent rating by Malaysian Research Assessment Instrument (MyRA) for its research, development and commercialisation efforts recently.

Logo Rationale



UNIVERSITI
TEKNOLOGI
PETRONAS

- Relates to the concept of renaissance, birth and nurturing of the mind for national advancement of the highest order.
- Simulates the bloom of a floral bud while injecting a graphic outline of the PETRONAS Twin Towers.
- Reflects the beginning of a journey towards new standards in higher education.
- Gold to denote light and deep pastel blue to signify peace and tranquility.



► The University Team

Chancellor

Tun Dr Mahathir bin Mohamad



Born on 20 December 1925 in Kampung Seberang Perak, Alor Setar, Tun Dr Mahathir bin Mohamad started school at Sekolah Melayu Seberang Perak in 1930. He was there for two years, before continuing his education at the Government English School (now known as the Sultan Abdul Hamid College) in Alor Setar. During the Japanese Occupation from 1941 to 1945, he stopped school. After the Japanese surrender, Tun Mahathir resumed his education and received the Senior Cambridge Certificate the same year.

Upon completing his secondary education in 1947, Tun Mahathir received a partial scholarship from the Government to study medicine at the King Edward VII Medical College - the forerunner of the University of Malaya - in Singapore. In 1953, Tun received his MBBS degree from the University of Malaya and immediately began housemanship in Penang. From 1954 to 1957, Tun served the Government as Medical Officer in Alor Setar, Langkawi and Perlis. In June 1957, Tun went into private practice. Later that year, he opened his own MAHA Clinic in Jalan Tunku Ibrahim, Alor Setar - the first Bumiputera private clinic in the state.

Tun's political involvement began in 1945, when he joined various organisations like Kesatuan Melayu Kedah, Seberkas and Kesatuan Pemuda Melayu Kedah. Whilst still at school, he was also actively involved in the anti-Malayan Union campaign. In 1946 he became a member of the United Malays National Organisation (UMNO). In 1964, Tun contested in the General Elections, won the Kota Setar Selatan constituency and became a Member of Parliament. It was when he became the Chairman of Food Industries of Malaysia (FIMA) in 1973 that he honed his administrative capabilities.

In 1974, Tun was appointed Minister of Education in Tun Razak's cabinet. In March 1976, Tun was named Deputy Prime Minister by Tun Hussein Onn. On 16 July 1981, Mahathir became the fourth Prime Minister of Malaysia, a position he held for 22 years. He retired on 31 October 2003.

Under the stewardship of Tun, Malaysia has witnessed unprecedented economic growth especially in manufacturing, infrastructure, information technology and oil and gas.

In recognition of his outstanding contributions to nation building, Tun received numerous prestigious fellowships, awards and honours from universities and academic institutions, both locally and internationally. Honorary Member, Academy of Medicine (1983); Honorary Member, Malaysian Medical Association (1984); Honorary Fellowship of the Royal College of Surgeons, Ireland (1991); Honorary Fellowship, Academy of Sciences Malaysia (1996); Honorary Fellowship, Royal College of Physicians of Edinburgh (1997); Honorary Professor, Kyrgyz University (1996); Honorary Doctorate in Humanities, National University of Mongolia (1997); and Honorary Doctorate of Literature and Al-Azhar University (1998), to name a few.

In 2001, in recognition of his dedication to promoting human resource development in Malaysia through educational and technological exchange with global perspective, Tun was awarded the Honorary Doctorate by Meiji University, one of the most prestigious universities in Japan. After his retirement, he continued to receive various honours. These include an Honorary Doctorate in the field of management and engineering from Universiti Teknologi Malaysia (2003), and the Honorary Degree of the Doctor of Letters, Universiti Islam Antarabangsa (2003) for his distinguished contributions as a Muslim writer and an outstanding intellectual.

Pro Chancellor

Tan Sri Sidek Hassan



Tan Sri Sidek Hassan is the Chairman of Petroliaam Nasional Berhad (PETRONAS), the National Oil & Gas company of Malaysia. He assumed the position in July 2012 pursuant to his appointment as an Independent, Non-Executive Member of the Board.

Prior to joining PETRONAS, Tan Sri Sidek served in the Administrative and Diplomatic Services of the Malaysian Civil Service for over 38 years, the last six of which as the 12th Chief Secretary to the Government.

He had an extensive career of close to three decades with the Ministry of International Trade and Industry (MITI), Malaysia, during which time he held numerous positions including those of Secretary-General, Deputy Secretary General (Trade) and Director of the Multilateral Relations Division. He was also Minister (Economic Affairs) at the Embassy of Malaysia in Washington DC, United States, Malaysia's Trade Commissioner in Sydney, Australia and Assistant Trade Commissioner at the Malaysian Embassy in Tokyo, Japan.

He also served a four-year stint at the Implementation Coordination Unit (ICU) of the Prime Minister's Department, where he was Deputy Director at the Unit's Project Analysis Sector and subsequently appointed Deputy Director of Research.

Tan Sri Sidek holds a Masters of Business Administration (MBA) from the New Hampshire College, United States and a Bachelor of Economics (Honours) degree in Public Administration from Universiti Malaya. He also holds an Honorary Doctorate in Public Administration from Universiti Tun Abdul Razak and Honorary Doctorates in Management from Universiti Putra Malaysia and Universiti Teknikal Malaysia Melaka.

Pro Chancellor

Tan Sri Dato' Shamsul Azhar Abbas



Tan Sri Dato' Shamsul Azhar Abbas was appointed as the President and Group Chief Executive of Petroliam Nasional Berhad (PETRONAS), the national oil and gas corporation of Malaysia, on 10 February 2010.

He began his career with PETRONAS in 1975 and prior to his current appointment held numerous senior management positions within the Group across business divisions that include the Logistics and Maritime, Exploration and Production, Oil, as well as Petrochemical. Tan Sri Dato' Shamsul Azhar is also Chairman of the Board of PETRONAS Carigali Sdn Bhd, the Group's wholly-owned exploration and production arm. He also serves as Chairman of the National Trust Fund of Malaysia.

Tan Sri Dato' Shamsul Azhar holds a Master's of Science (MSc) in Energy Management from the University of Pennsylvania, a Bachelor's degree in Political Science and Economics from Universiti Sains Malaysia as well as a Technical Diploma in Petroleum Economics from the Paris-based Institut Français du Pétrole.

He has been conferred with several awards from by state governments of Malaysia, which include the Darjah Panglima Setia Mahkota (PSM), the second-highest award of the Malaysian Federal Government. Beyond the Malaysian borders, he was conferred the Dato Paduka Seri Laila Jasa Yang Amat Berjasa Darjah Kedua by the Sultan of Brunei, and is also a recipient of the Honor du Merit from the Government of the French Republic.

Vice Chancellor

Datuk Ir (Dr) Abdul Rahim Hashim



Datuk Ir (Dr) Abdul Rahim Hashim has been appointed as the Vice Chancellor of Universiti Teknologi PETRONAS since 1 November 2012. Abdul Rahim graduated in Electronics and Electrical Engineering from University of Birmingham, UK in 1976 and later received an Honorary Doctorate in Engineering from the same university. As a professional engineer, he was previously the Chairman of the Engineering Accreditation Council, Malaysia and sat on the Board of Engineers Malaysia. Abdul Rahim reported duty in PETRONAS in September 1976, and his last position was the Vice President of Research and Technology Division from 2006 - 2008. Prior to that, Abdul Rahim was the Vice President of Gas Business (2002 - 2006), Vice President of Human Resource Management (1998 – 2002) and CEO of PETRONAS Penapisan Melaka (1991 – 1998). Abdul Rahim is currently the President of the Malaysian Gas Association, Past President of Asia-Pacific Natural Gas Vehicle Association and Immediate Past-President of the International Gas Union from 2012 to 2015. He is also an associate member of the American Institute of Chemical Engineers, Commissioner of the Energy Commission, Malaysia and a member of the National Science & Research Council, Malaysia.



- ▶ Board of Directors
- ▶ Management Committee
- ▶ Senate

Board of Directors





Chairman

- 1. Juniwati Rahmat Hussin**
Chairman
UTP Board of Directors

Member

- 2. Datuk Anuar Ahmad**
- 3. Datuk Wan Zulkiflee Wan Ariffin**
- 4. Dato' Wee Yiew Hin**
- 5. Datuk George Ratilal**
- 6. Raiha Azni Abdul Rahman**
- 7. Datuk Ir (Dr) Abdul Rahim Hashim**

Secretary

- 8. Ahmad Nabil Azizan**

Management Committee





Chairman

- 1. Datuk Ir (Dr) Abdul Rahim Hashim**
Vice Chancellor / Managing Director /
Chief Executive Officer

Member

- 2. Prof Ir Dr Ahmad Fadzil Mohamad Hani**
Deputy Vice Chancellor, Academic
- 3. Assoc Prof Dr Abdul Rashid B Abd Aziz**
Deputy Vice Chancellor, Research and Innovation
- 4. Mohamed Noor Rosli Baharom**
Deputy Vice Chancellor, Student Affairs and Alumni
- 5. Hasbullah Haji Ihsan**
Chief Financial Officer
- 6. Solihuddin Ahmad Nasarudin**
Registrar
- 7. Assoc Prof Dr Hilmi Mukhtar**
Director, Transformation Office
- 8. Zamri Yusof**
Senior Manager, Human Resource Management
& Administration

Secretary

- 9. Haslina Noor Hasni**
Manager, Legal Services

Senate

Chairman

1. **Datuk Ir (Dr) Abdul Rahim Hashim**
Vice Chancellor / Managing Director /
Chief Executive Officer

Member

2. **Prof Ir Dr Ahmad Fadzil Mohamad Hani**
Deputy Vice Chancellor, Academic
3. **Assoc Prof Dr Abdul Rashid Abdul Aziz**
Deputy Vice Chancellor, Research and Innovation
4. **Mohamed Noor Rosli Baharom**
Deputy Vice Chancellor, Student Affairs
and Alumni
5. **Hasbullah Haji Ihsan**
Chief Financial Officer
6. **Assoc Prof Dr Hilmi Mukhtar**
Director, Transformation Office
7. **Prof Ir Dr Muhd Fadhil Nuruddin**
Dean, Faculty of Engineering
8. **Prof Dr Manuel Pubellier**
Dean, Faculty of Geosciences &
Petroleum Engineering
9. **Prof Dr Noorhana Yahya**
Dean, Faculty of Science & Information
Technology
10. **Assoc Prof Dr Mohd Fadzil Hassan**
Dean, Graduate Studies





11. Assoc Prof Dr Mohamad Azmi Bustam @ Khalil
Head, Chemical Engineering Department

12. Assoc Prof Ir Dr Mohd Shahir Liew
Head, Civil Engineering Department

13. Assoc Prof Dr Nor Hisham Hamid
Head, Electrical & Electronic Engineering Department

14. Assoc Prof Dr A Hadi A Rahman
Head, Geosciences Department

15. Ir Dr Masri Baharom
Head, Mechanical Engineering Department

16. Assoc Prof Dr Ismail M Saaïd
Head, Petroleum Engineering Department

17. Dr Jafreezal Jaafar
Head, Computer & Information Sciences Department

18. Assoc Prof Dr Balbir Singh Mahinder Singh
Head, Fundamental & Applied Sciences Department

19. Assoc Prof Dr Azrai Abdullah
Head, Management & Humanities Department

20. Ir Dr Idris Ismail
Head, Centre for Student Internship, Mobility and Adjunct Lectureship (CSIMAL)

Secretary

21. Solihuddin Ahmad Nasarudin
Registrar



Academic Advisory Council

Acting as a forum for the exchange of ideas between the University and various sectors of society, the Academic Advisory Council first met on 21 February 2003. The council provides guidance and strategic direction for the development of the University, from international collaboration to staff development and consultancy – to be in tandem with the University's vision and mission. Council members are appointed by the University's Board of Directors and meet at least once a year.

Chairman

Tun Dr Mahathir Bin Mohamad

Members

Prof Ing Klaus Riedle

Former President, Fossil Power Generation, Siemens AG, Germany

Dr Oystein Berg

Managing Director of International Programme for Petroleum Management and Administration (Petrad), Norway

Tan Sri Datuk Dr Yusof Basiron

Chief Executive Officer, Malaysian Palm Oil Council

Prof Datuk Ir Dr Hj Ahmad Zaidee Laidin

Vice President, Academy of Sciences Malaysia

Prof Lord Kumar Bhattacharyya

Founder & Director, Warwick Manufacturing Group, University of Warwick, United Kingdom

Prof Dr David B Prior

Executive Vice Chancellor/Provost
Hamad Bin Khalifa University, Qatar

Prof Dr Ir Arjen Evert-Jans Wals

Professor and UNESCO Chair in Social Learning & Sustainable Development
Wageningen University, The Netherlands

Prof Dr Feng Da Hsuan

Senior Vice President
National Tsing Hua University, Taiwan

Prof Dr Deo Karan Prasad

Professor, Faculty of the Built Environment
University of New South Wales, Australia

Prof Dr Dieter Jahn

Senior Vice President, BASF AG Group,
Ludwigshafen, Germany

Prof Dr Haruo Takeda

Corporate Chief Engineer
Hitachi Ltd, Japan

Juniwati Rahmat Hussin

Vice President and Venture Director,
Pengerang Integrated Complex, Johor

Datuk Ir (Dr) Abdul Rahim Hashim

Vice Chancellor, Universiti Teknologi PETRONAS

Secretary**En Solihuddin Ahmad Nasarudin**

Registrar, Universiti Teknologi PETRONAS

Industry Advisory Panel

The University has taken another step to ensure that its education deliveries remain relevant with industrial practices. In order to further strengthen its relationship with industry players, the Industry Advisory Panel (IAP) was established and held its inaugural meeting on 7 May 2007. The University invited twenty-four panel members consisting senior seasoned practitioners from the industry, all with vast experience and expertise in their respective fields, to assist in planning and continuously improving the quality of the programmes offered in UTP. Industrial input from panel members help the University to further enhance its curriculum and to establish academic-industry collaboration. Panel members are required to meet the heads of departments at least once a year to discuss the University's academic curriculum, teaching methodology, facilities and practices to help it stay in tune with the emerging needs of the industry.

Chemical Engineering

Kamarul Ariffin Tajul Amar

Head of Centralised Services Division
PETRONAS Chemicals Group Berhad

Datuk Nur Iskandar Abdul Samad

Venture Lead
PETRONAS Refinery and Petrochemical Integrated
Development (RAPID) Project

Ir Ong Thean Guan

Senior Department Manager
Technip Geoproduction (M) Sdn. Bhd

Ir Johan Alimin B Abdul Samad

Project Manager
Intecsea Sdn. Bhd.

Civil Engineering

Dr Allan R. Magee

Manager R&D
Technip Malaysia

Ir Dr Ch'ng Guan Bee

Director
IKRAM Centre of Excellent for
Engineering Forensic and Consultancy

Dato' Sri Ir Dr Judin Abdul Karim

Chief Executive
Construction Industry Development Board (CIDB)

Ir Dr Lim Char Ching

Senior Principal Assistant Director
Public Works Department of Malaysia

Mohd Sapihie Ayob

Custodian (Structural Integrity)
PETRONAS Group Technology Solution

Dato' Ir Dr Nik Mohd. Kamel Nik Hassan

Managing Director
Dr Nik & Associates Sdn. Bhd.

Electrical & Electronic Engineering

Dr Hon Hock Woon

Principal Researcher
MIMOS Berhad

Ir Dr Peter Lim Boon-Lum

Chief Technology Officer
Equine Technology Sdn. Bhd.

Ir Dr Ahmad Jaafar Abd Hamid

Chief Engineer (Operational Planning)
Tenaga Nasional Berhad

Saifol Mualim Ahmad Yahaya

General Manager
PETRONAS Group Technology Solutions

Dr Shahrul Yazid Yahaya

Product Development Manager
Intel Microelectronics (M) Sdn. Bhd.

Mechanical Engineering

Ir Ahmad Khairiri Abdul Ghani

Staff Engineer
PETRONAS Carigali Sdn. Bhd.

Azmi Mahamad

Senior Vice President-Strategic
UZMA Berhad

Dr John Fuad Edwards

Integrity Lead Specialist
Llyod's Register Technical Services Sdn. Bhd.

Dr Alias Abu Hassan

General Manager
Perusahaan Otomobil Kedua Sdn. Bhd.

Petroleum Engineering

Dr Nasir Haji Darman

Custodian Engineer
Petroleum Management Unit, PETRONAS

Erwin Ariyanto

Training Advisor/Team Leader
Scomi Oiltools Sdn. Bhd.

Geoscience

Dr Jaizan Hardi Mohamed Jais

General Manager
Petroleum Management Unit, PETRONAS

Computer & Information Sciences

Lt Col (R) Prof Dato' Husin Jazri

Director and Chief Executive Officer
Cyber Security Malaysia

Ritakamal Sadiman

Chief Executive Officer
E2B Consulting Sdn. Bhd.

Aminudin Zaki Hashim

Chief Executive Officer
Menteri Besar Incorporated (MB Inc.)

Hasannudin Saidin

Director
IXC Malaysia Berhad

Dr Jamalul-lail Ab Manan

Principal Researcher
MIMOS Berhad

Management & Humanities

Prof Dr Barjoyai Bardai

Programme Director of the Global MBA
Graduate School of Business
Universiti Tun Abdul Razak

Emeritus Professor Datuk Dr Osman Bakar

Deputy Chief Executive Officer
International Institute of Advanced
Islamic Studies

Mohamad Kamal Haji Nawawi

General Manager
Talent Corporation Malaysia Berhad

International External Examiners

Quality assurance is an integral part of the University's education process to ensure its academic programmes are of the highest quality and meet international standards. Since 1999, the International External Examiners conference is held annually to deliberate on examination, curriculum development, staff development and facilities, future trends of education and matters pertaining to research and development. The International External Examiners conference provides invaluable input that will contribute towards the realisation of the University's vision and mission in making it a leader in engineering and technology education.

Chemical Engineering Programme

Prof Dr Peter L Douglas

Associate Dean of Engineering (Computing)
University of Waterloo, United Arab Emirates

Mechanical Engineering Programme

Prof Dr Andrew J Day

Ford Professor of Quality Engineering
University of Bradford, United Kingdom

Civil Engineering Programme

Prof Dr Chimay J Anumba

Department Head and Professor of
Architectural Engineering
The Pennsylvania State University,
United States of America

Petroleum Engineering

Prof Dr Turgay Ertekin

Professor of Petroleum and Natural Gas Engineering
George E Trimble Chair in Earth and Mineral Sciences
Undergraduate Program Officer of Petroleum and
Natural Gas Engineering
The Pennsylvania State University,
United States of America

Electrical & Electronic Engineering Programme

Prof Dr Fabrice Meriaudeau

Vice President in International Relation
Université de Bourgogne, France

Geoscience

Prof Dr John G Kaldi

Chief Scientist CO2CRC (Chair) of Geosequest
University of Adelaide, Australia

Business Information Systems

Prof Dr Guy G Gable

Professor of Business Information Systems
Queensland University of Technology, Australia

Information & Communication Technology

Prof Dr Clark Thomborson

Deputy Head of Department (Academic)
University of Auckland, New Zealand

Management & Humanities

Prof Dr Kathryn N Kearins

Associate Dean - Research
Auckland University of Technology, New Zealand

Research Advisory Council

The University aspires to become a leader in Research & Development and Consultancy and be recognised internationally as a partner of choice for industries as well as a respected member of scientific communities and an innovation platform for the research fraternity. In its commitment to achieving this vision, the University establishes the Research Advisory Council (RAC) in 2010 that meets annually to deliberate issues and matters concerning the development of the University especially in areas that include research, innovation and commercialisation. RAC's prominent and esteemed members have the important roles of providing guidance and strategic directions to facilitate UTP to enhance its competitiveness through technology and innovation.

Chairman

Datuk Ir (Dr) Abdul Rahim Hashim
Vice Chancellor
Universiti Teknologi PETRONAS

Dr Ir Cheong Kam Hoong
Managing Director
TNB Research Sdn Bhd, Malaysia

Dr S Asmaliza Ismail
Head, Secretariat National Institutes of Health (NIH)
Ministry of Health Malaysia

Members

Assoc Prof Dr Abdul Rashid Abdul Aziz
Deputy Vice Chancellor, Research and Innovation
Universiti Teknologi PETRONAS

Prof Dr Halimatun Hamdan
Under Secretary, National Nanotechnology Directorate
Ministry of Science, Technology & Innovation, Malaysia (MOSTI)

Dr Allan Magee
R&D Manager
Technip (M) Sdn Bhd, Malaysia

Prof Dr Ku Ruhana Ku Mahamud
Graduate Department of Computer Science
College of Arts and Sciences
Universiti Utara Malaysia

Ir Elias Ismail
Senior General Manager
Technology & Innovation Development Sector
Construction Industry Development Board (CIDB), Malaysia

Chuah Beng Swee
Head, Lab Management
PETRONAS Research Sdn Bhd, Malaysia

Ir Ahmad Fauzi Hasan
Chief Executive Officer
Energy Commission Malaysia

Dr Nasir Hj Darman
Head of Enhanced Oil Recovery (EOR) Programme
PETRONAS Exploration & Production Technology Centre, Malaysia

Tuan Hj Faizoull Ahmad
Director, Innovation & Development, New Generation
Federal Land Development Authority (FELDA), Malaysia

Ahmad Nawawi Mohd Yatim
General Manager
Technical and Facilities Development Division
PETRONAS Gas Berhad, Malaysia

Dato' Mash'al Bin Ahmad

Managing Director
Lynas Malaysia Sdn Bhd, Malaysia

Azhar Abdullah

Vice President, Testing Services, Schlumberger Asia
Schlumberger WTA (M) Sdn Bhd, Malaysia

Chu Jenn Weng

President / CEO
Vitrox Corporation, Malaysia

Rao Abdullah

Vice President - Central Asia
Halliburton Energy Services (M) Sdn Bhd, Malaysia

Prof Saeed M Al-Zahrani

Executive Director of SABIC Polymer Research Centre
College of Engineering, King Saud University,
Kingdom of Saudi Arabia

Prof Dr Ioannis Economou

Associate Provost for Graduate Studies
The Petroleum Institute, Abu Dhabi
United Arab Emirates

Dr Ong See Hong

Regional Technical Advisor - Asia Pacific
Reservoir Development Services (RDS)
Baker Hughes Inc., Australia

Dr Aamir Saeed Malik

UTP MOR Director - Biomedical Technology

Prof Dr Norani Muti Mohamed

UTP MOR Director - Nanotechnology

Assoc Prof Dr Suzana Yusup

UTP MOR Director - Green Technology

Assoc Prof Fakhruddin M Hashim

UTP MOR Director - Deepwater Technology

Assoc Prof Dr Azmi Mohd Shariff

UTP MOR Director - CO₂ Management

Prof Dr Mariyamni Awang

UTP MOR Director - Enhanced Oil Recovery

Assoc Prof Ir Dr Shaharin Anwar Sulaiman

UTP MOR Director - Hybrid Energy System

Prof Khairun Azizi Azizli

UTP MOR Director - Sustainable Resources

Assoc Prof Dr Ahmad Kamil B Mahmood

UTP MOR Director - Intelligent Cities

Prof Dr Bernard J Pierson

UTP Shell Chair

Prof Dr Mustafa Onur

UTP Schlumberger Chair

Prof Dr Yoshimitsu Uemura

UTP Mitsubishi Chair

Prof Dr Morgan Raymond Heikal

Head, Advanced Technology & Innovation Centre
(ATIC)

Secretary

Hj Mohd Azminuddin Afandi

Senior Manager, Research & Innovation Office
Universiti Teknologi PETRONAS

Student Development Advisory Council

The Student Development Advisory Council (SDAC) is a council of industry leaders to advise Universiti Teknologi PETRONAS in its quest to produce well-rounded graduates. The main role is to provide industry perspectives on the functions and operations of the various student development initiatives in UTP that can enhance graduate marketability. The SDAC also provides inputs on challenges in meeting the current industry employability requirement. Its inaugural meeting was held on 10 September 2012.

Chairman

Datuk Ir (Dr) Abdul Rahim Hashim

Vice Chancellor
Universiti Teknologi PETRONAS

Members

Dato' Dr Ismail Alias

Deputy Director General Public Service Department
(Vice President, Persatuan Kaunseling Malaysia)

Jamal A Ainul

Chairman, Schlumberger, Group of Companies, Asia
Schlumberger WTA Malaysia SdnBhd

Dato' Dr Adnan Alias

Chief Executive Officer,
The Islamic Banking & Finance Institute Malaysia
(IBFIM)
(Chairman Education Malaysia Global Services)

Mohd Suhaimi Baharudin

Director & Senior Vice President,
Technip, Malaysia

Datin Norela Nuruddin

Country Director
SIFE Malaysia Foundation

Ng Wan Peng

Chief Operating Officer,
Multimedia Development Corporation

Wong Siew Hong

R&D Engineering Head,
Agilent Technologies Malaysia

Datuk Chin Leng Sim @ Marina Chin

Principal,
Bukit Jalil Sports School

Datuk Nur Iskandar Abdul Samad

Venture Lead
Refinery And Petrochemical Integrated
Development (RAPID)

Dato A K Nathan

Executive Chairman
EVERSENDAI Corporation

Secretary

Mohamed Noor Rosli Baharom

Deputy Vice Chancellor
Student Affairs and Alumni
Universiti Teknologi PETRONAS





Chairman's Review

Universiti Teknologi PETRONAS (UTP) signifies PETRONAS' commitment to Education. This commitment is in line with its corporate objective of contributing to the well-being of the people and the nation wherever it operates, in addition to supporting Malaysia's vision of producing a knowledgeable and innovative society by the year 2020.

In the span of 15 years, since its inception on 10 January 1997, the University has added breadth and depth in its academic portfolio, industry-government's relations and partnership, and research and commercialisation endeavours. The University's Academic and Research, Development and Consultancy Masterplans undertaken in 1998 and 2001 respectively and the subsequent reviews are now steadily coming to fruition.

This is made evident by our alumni serving around the globe in various capacities - a result of the University' academic credentials, accomplished teaching faculty, industry recognised curriculum and world-class learning facilities. This has culminated into the University being rated Tier 5 (Tier 6 being the highest) in the 2011 Rating System for the Malaysian Higher Education Institutions (SETARA).

Talents, synergy and innovation engender profound dimensions at the University which complements PETRONAS and its business interests as a whole.

Last year, the University became the first private university to achieve a 5-star rating (out of 6) by the Malaysian Research Assessment Instrument (MyRA), for its research, development and commercialisation efforts. This historic achievement recognised the University's commitment in furthering its aspiration to achieve Research-University status.

Against the backdrop of critical global challenges like rapid technological advancement, scarcity of talent, fluctuating crude oil prices - amongst others, we needed to align ourselves and synergise in order to ensure the rapid progress in the oil and gas industry was matched with the right pool of talent to support growth.



With the University already established and well-equipped with the necessary infrastructure, it made perfect sense for it to bring other players in a collaborative effort to develop the much-needed talents. One of the things that is important for any economy, society or corporation is constant renewal. And one of the engines of renewal, is through having effective research institutions. The University, with its effective Transformation Plan delivers focused and industry-relevant research, innovation and commercialisation, which is instrumental in supporting PETRONAS in its business.

This year the University added another feather to its cap with the appointment of YBhg Tan Sri Sidek Hassan, the Chairman of PETRONAS as the University's new Pro-Chancellor. His extensive experience with the government and his position in PETRONAS would lend the required steer and counsel to the University in furthering its aspiration.

I would also like to record our sincerest appreciation and gratitude to YBhg Datuk Dr Zainal Abidin Haji Kasim for his outstanding leadership. During the last seven years, he steadily transformed the University to embrace research and innovation as a corporate culture that has culminated in the University being recognised as a research-intensive institution with visible accolades to its name.

We have built a strong foundation on which the University will continue to prosper in the coming years. There are constant and varied challenges surrounding the education landscape and its potential and the University has abundant ground for continuous development. Under the stewardship of the new Vice Chancellor, YBhg Datuk Ir (Dr) Abdul Rahim Hashim, I am confident, that the University will continuously outdo its past achievements.

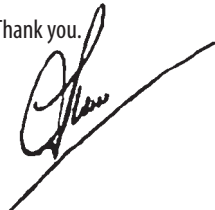


In retrospect, those who have been in the early development of the University would have been proud to witness the results of the University's vision and investment. The determination and grit of its management, faculty members, alumni, learning and industry partners have in no small measures contributed to the accomplishment of the University.

I am delighted to say that they do so in a University which is responding positively to the challenges and opportunities facing higher education, firmly rooted in the principles which have served it well for the past 15 years.

On behalf of the Board, I would like to thank YABhg Tun Dr Mahathir bin Mohamad, the University's Chancellor; YBhg Tan Sri Sidek Hassan and YBhg Tan Sri Dato' Shamsul Azhar Abbas, the University's Pro Chancellors and the distinguished members of the Academic Advisory Council for their unwavering support, guidance and counsel. And most importantly, I would like to record my heartfelt gratitude to PETRONAS and ITPSB Board for the support in making this year another year of success.

Thank you.



Juniwati Rahmat Hussin
Chairman



Vice Chancellor's Report

Towards a Distinctive Reputation

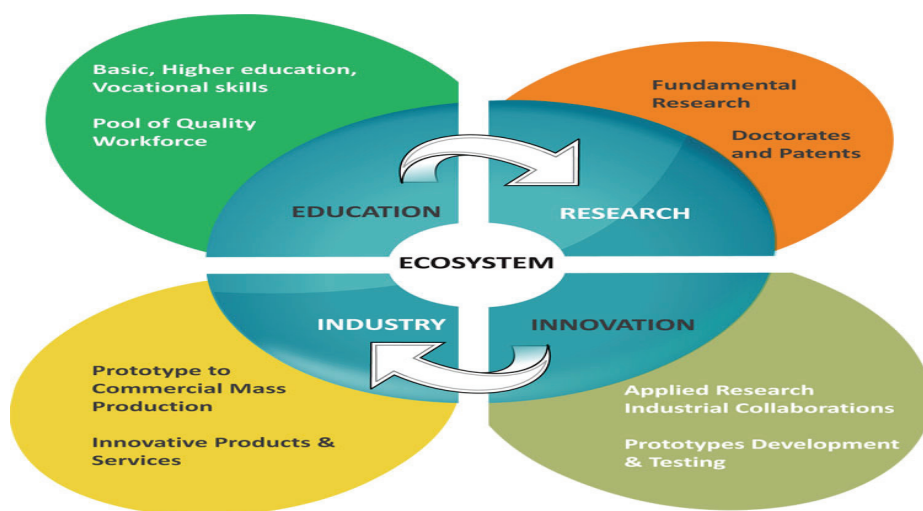
The education landscape has transformed tremendously over the years. Its sustainability hinges not only on its capability to rise above global challenges such as economic strain and euro zone crisis in the Western countries; wrenching political change in the Middle East; economic, political and humanitarian challenges in Africa; or ascendancy to rapid economic and technological supremacy in Asia - but also on its capability to seize opportunities for synergy, collaboration and partnership to compete for visibility, respect and distinctive reputation. On more positive fronts - from the political and economic to the environment and the technological - the world requires global solutions and consequently such needs avail opportunities and conducive environment for education and innovation to prosper.

Universiti Teknologi PETRONAS has evolved over the last 15 years and it is moving closer to realising its vision to be a leader in technology education and centre for creativity and innovation. By 2025, it aims to gain a distinctive reputation by gaining international recognition as a partner of choice for industries and a respected member of scientific communities.

I am pleased to present the Annual Report of Universiti Teknologi PETRONAS (UTP) for the financial year ended 31 December 2012 detailing our endeavours and achievements in realising this vision.

The University has shown tangible evidence of how their commitment to transformation has resulted in mindset change across the University in its pursuit of achieving research-university status through various networking and linkages with industry powerhouse and reputable institutions globally.

Education, Research, Innovation And Industry



The year 2012 reflected the University's commitment in pursuing research-university status. The University was committed to transforming the landscape of its R&D and innovation. This commitment resulted in the creation of Research Ecosystem that focused on keeping abreast with the ever-changing research target, strengthening operational processes and commercialisation and Intellectual Property Rights (IPR) ownership. The Ecosystem facilitates in producing high-impact research, but this can only be achieved through having consistent mindset change and world-class networking and linkages. The University has shown tangible evidence of how their commitment to transformation has resulted in mindset change across the University in its pursuit of achieving research-university status through various networking and linkages with industry powerhouse and reputable institutions globally.

Education, research, innovation and industry are interlinked and connected and boundaries amongst the four are conspicuously seamless.

Education

The University appreciates the significance of academic and research synergy with premier universities, both local and foreign - Multimedia University (MMU), University of Nottingham in Malaysia; Universiti Tuanku Abdul Rahman (UTAR); the Queens University of Belfast, UK; Katholieke Universiteit Leuven, Belgium; Kagoshima and Osaka University Japan; National University of Singapore, Singapore; and Korea Maritime Institute, Korea as examples.

Through optimisation of resources, education is now seen as an important arena for industry to contribute in. It is imperative to match the capability of the education institutions with the needs of the industry. In order to achieve the match, faculty members and researchers need to keep abreast with the trends and requirements of industry by forging links with industry players.

Apart from the academics benefiting from the industry engagement programmes, the University's students also benefited tremendously from the input provided by the industry players through their various roles as the University's Industry Advisory Panel. Pertinent areas of contribution included curriculum development, supervision of final year projects, and exchanging industry perspectives via conferences, seminars and talks. To date UTP engages with 400 companies in the oil and gas, and technology fields. This extensive industrial network avails opportunities for UTP students to undergo industrial internship for seven months so that they become industry relevant when they graduate. By allowing employers to play a direct and active role in developing the attributes and expertise required by industry, UTP graduates are in high demand.

The University's graduates are also recognised by the Board of Engineers Malaysia and within six months of graduation gain employment not only in Malaysia but also across the globe including in the UK, USA, Canada, Australia, New Zealand and Ireland.

On 24 April 2012, the University was recognised for having The Best Structured Student Industrial Internship Programme offered by educational institutions in Malaysia. YAB Dato' Sri Mohd Najib Tun Abdul Razak Malaysia's Prime Minister announced this at the launching of the Talent Roadmap 2020.

Every year, 95 percent of UTP graduates are absorbed into various local and international oil and gas companies such as Shell, UMW, Siemens, Schlumberger Limited and BASF within six months of graduating.

Besides having industry-exposed faculty members and highly marketable graduates, the academic positioning has also improved on various fronts:

- ▶ SETARA and D-SETARA Index met the targeted expectation of 5/5, thus maintaining its SETARA Tier-5 (Excellent) ranking
- ▶ The percentage of international students increased by 2% from 21% to 23% from 55 countries
- ▶ Introduction of seven new programmes with four more pending for approval
- ▶ Certified ISO 9001 on "Management of Examination for UG Programmes"
- ▶ Ranked no 89 in QS Asian University Ranking 2011 for Engineering and Technology



Research

The University established itself as a leader in several key research areas. It is imperative to set focus and direction in line with its aspiration to be a nationally recognised research-intensive university by the end of 2013. Currently, the University focuses on nine core areas of research namely, carbon dioxide (CO₂) management, enhanced oil recovery (EOR), deepwater technology, green technology, nanotechnology, hybrid energy system, sustainable resources, intelligent city and biomedical technology.

I am especially proud to report that the R&D stewardship has outdone last year's remarkable evidence of success:

- ▶ Achieved MyRA Score (RU) 102.9 against the targeted 90
- ▶ Achieved MyRA 5-Star Rating
- ▶ Secured RM23 mil from external research funding including RM1.9 mil from PRF research grant
- ▶ Increased average number of publication per faculty members from 2.3 to 2.6
- ▶ Granted with 11 new patents
- ▶ The number of new commercialisation stood at 6 which exceeded the target of only 1

We hope the benefits of our R&D endeavours transcended numbers and values but will start to be felt and will clearly demonstrate how UTP's research can have a real impact on business and life.

Innovation

The year saw the quality of the University's creativity and innovation recognised across a number of different benchmarks.



Our faculty members and students won accolades at various national and international competitions. Out of the 558 entries from local and international participants showcasing their science and innovation products, UTP won 2 gold, 11 silver and 6 bronze medals apart from receiving MTE best award at the 11th Edition of the Malaysian Technology Expo (MTE).

This year also stood witness to the University gaining national recognition when it won the Patron Award from the Ministry of Science, Technology and Innovation (MOSTI) - a coveted endorsement from the Malaysian Government.

On triumphs at the international level, the University scored high at the International Invention, Innovation and Technology Exhibition (ITEX '12) when it won in all 51 entries, 35 of which winning gold awards. At Invention and New Products Exposition (INPEX 2012), Pennsylvania, USA, the University wrested 6 gold medals and the Pacific Rim Best Invention award for the second consecutive year. The University made its maiden entry into British Invention Show (BIS) with 18 medals for its products and inventions.

Not only did the University thrive at national and international competitive arena as a participant, it also excelled at organising international events convening worldwide players. Last year, the University, in collaboration with the Ministry of Higher Education (MOHE), the Ministry of Energy, Green Technology and Water (KeTTHA) and Yayasan UTP organised World Engineering, Science and Technology Congress (ESTCON2012), deemed as one of the largest world congresses Malaysia has ever hosted that gathered about 1,200 experts from 45 countries representing diverse fields of research and innovation in the spirit of sustaining knowledge for the betterment of humanity.

In its continuous commitment to prospering research and innovation, the University established its Advanced Technology & Innovation Centre (ATIC) located at Technology Park Malaysia, Bukit Jalil. ATIC was established in line with the government's policy that encourages transfer of knowledge and technology between universities and industries. It functions as a 'one-stop centre' for UTP to provide for the needs of industry and a 'shop window' to display UTP's expertise and facilities worldwide.

Such accolades and achievements indicated that the University was not only going in the right direction, but also allowed us to consider how much more can be done.

Industry

Consistent with Industry being one of the anchor pillars of the Research Eco-system, the University ensures that the research undertaken is industry relevant and achieved through close engagement, collaboration, partnership and engagement with reputable players of the oil and gas industry such as PETRONAS, Shell, Baker Hughes, Schlumberger, Technip and Halliburton.

As a result of its industry engagement, the University was able to attract industries to undertake UTP Professorial Chairs, an endowed Chair that is most prestigious and significant in academia and offered to those who have extensive credentials to support the University's academic and research efforts. These positions avail opportunities for foreign professors to network and mentor projects and programmes. In the last 15 years, the University has established four Professorial Chairs - Shell Chair in Petroleum Geoscience (Faculty of Geoscience and Petroleum Engineering), Schlumberger Chair in Petroleum Engineering (Faculty of Geoscience and Petroleum Engineering), Mitsubishi Chair in Green Technology (Faculty of Engineering), and more recently, Technip Chair in Deepwater and Subsea Technology (Faculty of Engineering). These academic positions allow visibility, in addition to privilege especially for research and innovation. Apart from facilities, expertise, intellectual discourse and new technologies, the University also gains invaluable leverage through industry linkages.

Collaboration and partnership with industry have resulted in the University receiving gifts and donation in the forms of laboratory equipment and software amounting to USD66 mil for FY2012. The highlights of such collaboration and partnership included those inked with Schlumberger, Fugro - Jason, Huawei, Senergy International, Weatherford (M) Sdn Bhd, Innovative Oilfield Services, Transwater Tenaga Sdn Bhd and Bureau Veritas (M) Sdn Bhd - just to name a few.

Also, the University's credential has gained recognition from the Malaysian government with the appointment to lead EPP9 - Advance Engineering, Science and Technology in Oil, Gas and Energy as well as being one of institution-industry players in National Transformation Office (NTO) under Agensi Inovasi Malaysia.

Management Effectiveness And Efficiency

Universiti Teknologi PETRONAS has systematically tabulated and reported on initiatives that have resulted in increased effectiveness and efficiency of its operations. The report, which focused on the impact on operations funds, demonstrated how the University is containing costs, operating more efficiently, reallocating resources to strategic priorities, and enhancing revenues beyond receipts from its various financial sources. The results of these efforts have been impressive and demonstrated the University's commitment to responsible management of its assets and resources:

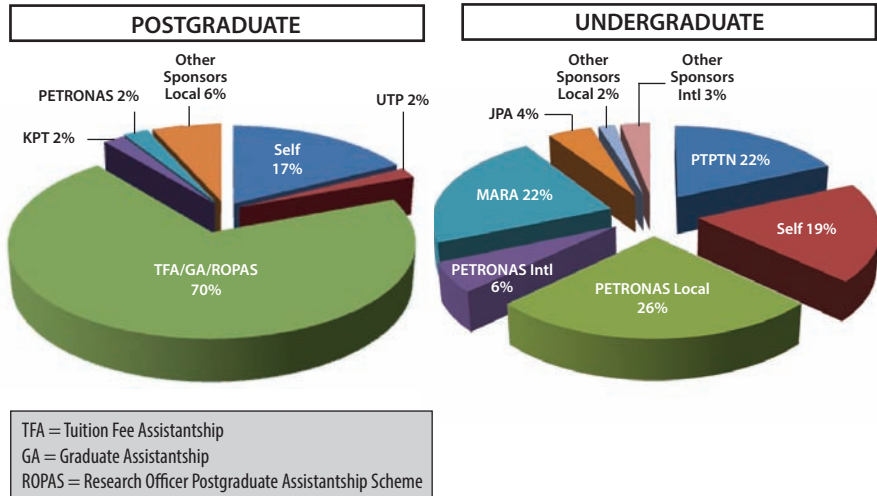
- ▶ Total income of the University reached RM106 mil from the targeted RM95 mil
- ▶ Net loss before tax significantly reduced from target of RM84 mil to RM40 mil
- ▶ Percentage of OPEX optimisation maintained at 95%
- ▶ Number of students increased to 7,002 from 6,500 last year

As at 31 December 2012, the total student enrolment of the University was as follows:

LEVEL	LOCAL	INTERNATIONAL	TOTAL	%
Foundation	1185	281	1466	(20.9%)
Undergraduate	3698	591	4289	(61.3%)
Postgraduate	513	734	1247	(17.8%)
TOTAL	5396 (77%)	1606 (23%)	7002	(100%)



Sponsorship



Students Activities

In the year 2012, there were many programmes that encouraged active participation amongst the students that optimise learning and leadership; advocate humanitarian and charitable support and empathy; enhance emotional growth and personal development - elements entrenched in the University's well-rounded model.

On 29 February 2012, 7 students represented the University at Pacific Oil and Gas Intellectual Parade (OGIP) 2012 organised by the Petroleum Engineering Department Universitas Pembangunan Nasional (UPN) Veteran, Yogyakarta in cooperation with SPE-SC UPN Veteran Yogyakarta. One of the students, Irshad Fajar of Petroleum Engineering Department emerged the Champion in the Paper Presentation category. At South East Asian English Olympics (SEO) 2012 the University won the first runner-up overall award, third place in the Speech Category and third place in the Short Movie Making & Best on Spot Video Category.

Closer at home, the students showcased their leadership and organising skills with the 29th Edition of Science and Engineering Design Exhibition (SEDEX 29). The event, incepted since 1997, managed to attract 456 participants with 143 booths offering awards in several categories namely Engineering Team Project (ETP), Final Year Project (FYP), Open Innovation Competition (OIC), Postgraduate, Most Innovative Award, Idea-Generated Fund Award, the Young Inventor's Category (YIC), as well as the Best Department Award.

The students also made an impact on the surrounding community - a testimony that the University does not stand apart from the community it serves. From 12 to 14 October 2012, the students carried out a humanitarian mission at Kg. Tanjung Aur, Kg. Pulau Pisang and Kg. Aji in Bota Kiri, Perak. Known as the UTP Kasih Project 2012, the students managed to attract corporate sponsorship from Bank Rakyat and Lynas Malaysia amounting to RM10,600.00 to purchase rice, sugar, kitchenware, books and sewing machines for the villagers. Prior to the launching of the Kasih Project, the students took the initiatives to

organize a Charity Car Wash and an online donation campaign to collect additional donations for the villagers. They also extended their hands in developing English Proficiency Development Project (EPDP) for primary and secondary school students for the villagers.

Corporate Social Responsibility

UTP upheld the spirit of sharing and giving to those in need with its landmark corporate social responsibility (CSR) event “Menggapai Impian 2012”. Since its commencement in 2007, the programme has benefitted 348 children from 13 orphanages. Under this CSR, UTP staff volunteered to adopt and sponsor a minimum of one child. With RM120.00 worth of sponsorship, a child will be given basic school requirements such as stationery, schoolbags, uniforms and shoes as preparation for the new school term. This year, a total of 116 children from 4 orphanages in Perak benefited from the programme.

Appreciation And Recognition

The University is honoured to have YBhg Tan Sri Sidek Hassan appointed as its new Pro-Chancellor. His extensive experience in the Government sector would yield equilibrium to the University’s industry-centered initiatives.

The year 2012 has been an excellent year for the University. We congratulate our staff and students for their outstanding achievements and take this opportunity to thank them all. We appreciate their contribution, dedication and loyalty. We also thank our alumni and other partners for their support.

We would also like to record our heartfelt gratitude and appreciation to our Chancellor, Tun Dr Mahathir bin Mohamad and the University Board for their invaluable guidance and counsel.

A special mention is also dedicated to Datuk Dr Zainal Abidin Haji Kasim who completed his service with notable achievements. His phase underscored the University’s commitment and pursuit in prospering creativity and innovation. His Transformation Plan specifically has affected fundamental change in content, infrastructure and mindset in steering the University to become research-intensive.

Moving to the next phase of the University’s development, we aspire to be able to fulfill the University’s vision and mission of nurturing the next generation of leaders. These new leaders herald new ways of doing business while upholding core values and “amanah”. The University aims to carry this momentum through equally ambitious endeavours in the coming years to continuously establish itself as an institution with a distinctive reputation.



Datuk Ir (Dr) Abdul Rahim Hashim
Vice Chancellor





▶ The Annual Review

Main Events

The University vibed with various events from collaboration and partnership to corporate events and corporate social responsibility related activities. The following are the main highlights:



18 January 2012 New Student Oath Taking Ceremony

New Student Oath Taking Ceremony was held at the Chancellor Hall, Universiti Teknologi PETRONAS (UTP). The ceremony was officiated by UTP Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim. The number of new students who registered comprised of 891 postgraduate and undergraduate students. At present, a total of 220 international students are to pursue undergraduate, masters and PhD at UTP for this new intake.



11 February 2012 Bakti Programme for 2012

Officially launched in 2012, Program Bakti Pendidikan PETRONAS or known as BAKTI programme is a structured programme which focuses not only on the academic performance but also on developing students' soft skills. SK FELCRA Nasaruddin is the school which has officially been adopted by UTP under this programme.

Going into its third year, the first session for year 2012 commenced on 11 February 2012 with the first 'Fun Learning' session for the BAKTI students held simultaneously with a talk for the parents. The talk entitled "Komunikasi yang Berkesan dengan Anak-Anak" was delivered by Puan Mazni Dato' Zainal Abidin, a Child Specialist.

It was a half day programme which ended with a lunch treat for all.



22 February 2012 Senergy Forges Alliance to Work with Universiti Teknologi PETRONAS to Develop Future Programmes

Global energy services company Senergy is forging an alliance with Universiti Teknologi PETRONAS (UTP) that will see the two organisations collaborate to develop research programmes, including the connection of renewable energy sources to the national electricity grid.

UTP Vice Chancellor, Datuk Dr Zainal Abidin and Senergy CEO James McCallum (who is also Professor of Energy at Strathclyde University in Scotland), witnessed the signing of a Memorandum of Understanding between Senergy and UTP at UTP to promote collaborative links which will enhance the scientific, technical and engineering competencies of both parties.



28 February 2012

Weatherford donates RM3million worth of software

UTP signed a software license academic agreement with Weatherford (M) Sdn. Bhd at the campus. In the ceremony, UTP received a donation of 25 PanSystem licenses for 25 users and upgrading of 30 WellFlo licenses with a total estimated value of about RM3 million.

Besides donating software licences, Weatherford has continuously provided UTP with excellent technical support such as organising user training courses for its undergraduate and postgraduate students as well as lecturers to get familiarised with the software.



29 February 2012

Student Representative Council and International Student Council Election Day 2012

The Elections for the University's Student Representative Council (SRC) and International Student Council (ISC) 2012 was held simultaneously. For this year, electronic voting (E-Voting) was introduced to students to cast their votes. The casting process began from 9.00 am until 5.00 pm at Chancellor Hall of UTP.

One of the objectives of this election is to provide a platform for potential leaders to develop their leadership and communication skills in order to acquire the necessary capabilities to be future leaders of the industry and nation. For this year's elections, only seven (7) candidates contested for the SRC General Constituency and five (5) candidates contested for ISC High Committee posts.



29 February - 3 March 2012

Asia Pacific Oil and Gas Intellectual Parade (OGIP)

Irshad Fajar, UTP Petroleum Engineering student emerged Champion in the Student Paper Competition category at the Asia Pacific Oil and Gas Intellectual Parade (OGIP) held in Yogyakarta Indonesia. Seven (7) students represented the University in the competition and they were Lim Hwei Shan, Teoh Wan Ru, Irshad Fajar, Buoy Rina, Fuad Othman, Priveetha Manogaran and Ainin Nufarahin Hamdan

The competition was organised by the Petroleum Engineering Department, Universitas Pembangunan Nasional (UPN) in cooperation with SPE-SC UPN Veteran Yogyakarta.



14 March 2012

Fugro-Jason Donates Jason Software Licenses to Universiti Teknologi PETRONAS

Fugro-Jason, a leader in reservoir characterization technology for the oil and gas industry, announced a major donation to UTP in the form of Jason™ reservoir characterization software licenses. These licenses will be used by students and faculty within the Geoscience and Petroleum Engineering Department. Fugro-Jason will also provide initial training on all aspects of the software, including petrophysics and rock physics analysis, geologic modeling, and seismic inversion.

The handover ceremony was held in the Senate Hall, UTP. In attendance were Mr Jimmy Ting, Region Manager, Fugro-Jason, UTP Management Committee, Faculty Members of UTP Geoscience and Petroleum Engineering Department and executives from Fugro-Jason.



6 April 2012

Ensemble of Gamelan (EOG 2012)

Yayasan Universiti Teknologi PETRONAS (YUTP) and the Co-Curriculum Unit of Student Support Services Department, Universiti Teknologi PETRONAS (UTP) successfully organised the inaugural Ensemble of Gamelan (EOG 2012), at the Foyer, Chancellor Complex of UTP, in conjunction with the 10th year anniversary of the establishment of UTP Gamelan Group, Sanggar Kirana. The event was officiated by Dato' Zainol Fadzi Haji bin Paharudin, Perak Exco of Arts, Culture, Youth and Sports Committee, in the presence of Pn. Zaiton Md Desa, Assistant Director of Istana Budaya, and En. Mohamed Noor Rosli bin Baharom, Deputy Vice Chancellor, Student Affairs & Alumni, UTP.

The objective of the event was to encourage university students, as well as the public, to appreciate Gamelan music from around the world. It also served as a platform to showcase the country's diversity, culture and uniqueness through arts and cultural activities.



7 April 2012

Festival of Colours of the World (FESCO 2012)

The fifth edition of Festival of Colours of the World (FESCO 2012) was successfully held at the Chancellor Hall, Universiti Teknologi PETRONAS (UTP). This annual event was organised by the Co-Curriculum Unit, Student Support Services Department, UTP and UTP Performing Arts Group (UPAG). The event was officiated by Dato' Mohammad Zahir bin Dato' Abdul Khalid, Perak Exco of Education, Higher Education, ICT, Human Resources, Science and Technology Committee Chairman, representing YAB Dato' Seri DiRaja Dr. Zambry bin Abd Kadir, Perak Menteri Besar. The festival showcased a variety of folk and traditional cultural performances from the respective participating universities/colleges in line with the theme of the event, "Creative 1 Malaysia Dance".

The main objective of the festival was to showcase the students' talent and capability in performing arts, to encourage the students in appreciating Malaysian and foreign arts and culture, as well as to promote the country's cultural diversity and uniqueness.



8 April 2012

Malaysia - Taiwan Cultural Exchange Programme (MTCEP 2012)

The inaugural Malaysia - Taiwan Cultural Exchange Programme (MTCEP 2012) was successfully held at the Chancellor Hall, Universiti Teknologi PETRONAS. It was officiated by Datuk Cheng Lai Hock JP, Deputy President, Federation of Chinese Associations Malaysia in the presence of Mr Lin Zhi Hua and Mr Lin Si Ming, Hsinchu County Council Members, Taiwan representing the honourable Mayor Chiew Ching Chun of Hsinchu County, Taiwan.

This programme included cultural performances presented by the UTP Chinese Orchestra (UTPCO), UTP Performing Arts Group (UPAG) and UTP Bhanga Group. It also showcased performances from the Hsinchu County Chinese Orchestra who staged various all-time classics from Taiwan.

The main objective of this programme was to appreciate the diversity of cultures from the two countries, as well as creating networking and friendships among the participants.

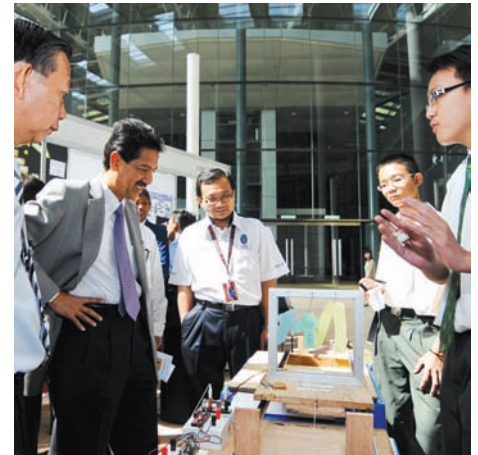


9-10 April 2012

Tapestry of Colours 2012 - A Concert in Support of Yayasan Universiti Teknologi PETRONAS

Universiti Teknologi PETRONAS (UTP) proudly presented the "Tapestry of Colours 2012" - a charity concert in support of Yayasan UTP (in its second series of fund raising concert performances) at South East Asia's premier venue for classical music - the Dewan Filharmonik PETRONAS (DFP). The concert was organised by Yayasan UTP, in collaboration with Alumni of Universiti Teknologi PETRONAS, Dewan Filharmonik PETRONAS and Universiti Teknologi PETRONAS. The glittering two-day event featured the "Sounds of Spring" on 9 April 2012 and "Roots of Heritage" on 10 April 2012.

The event also included mock cheque presentations by the sponsors to Tan Sri Dato' Shamsul Azhar bin Abbas, witnessed by Tun Dr Mahathir bin Mohamad. Among the sponsors were Dialog Group, J.P. Morgan Chase Berhad, CIMB Investment Bank Berhad and Nexbis Sdn. Bhd.



17-18 April 2012

29th Edition of Science and Engineering Design Exhibition (SEDEX 29)

The 29th edition of Science and Engineering Design Exhibition (SEDEX 29) was successfully held at the Plaza, Chancellor Complex, Universiti Teknologi PETRONAS and was officiated by Datuk Dr Zainal Abidin Hj Kasim, UTP Vice Chancellor. The two-day event, which was held since 1997, managed to attract 456 participants with 143 booths, including participations from various local schools. It comprised of several award categories, namely Engineering Team Project (ETP), Final Year Project (FYP), Open Innovation Competition (OIC), Postgraduate, Most Innovative Award, Idea-Generated Fund Award, the Young Inventor's Category (YIC), as well as the Best Department Award.

In his officiating speech, Datuk Dr Zainal Abidin hoped that through SEDEX, UTP would be able to discover students' new talents that continuously strive to the highest possible standards in the fields of science, engineering and technology.



23-24 April 2012

Petroleum Geoscience Conference & Exhibition (PGCE)

The 35th edition of Petroleum Geoscience Conference & Exhibition (PGCE) 2012 was held at the Kuala Lumpur Convention Centre. This premier and prominent geoscience event in Asia was co-organised annually by PETRONAS and Geological Society of Malaysia, with the objective of providing a platform for all geoscientists to gather, discuss and network with each other. It was officiated by Datuk Wan Zulkiflee Wan Ariffin, PETRONAS Chief Operating Officer.

One of the main highlights of the event was a mock cheque presentation by Datuk Wan Zulkiflee to Datuk Dr. Zainal Abidin Hj Kasim, UTP's Vice Chancellor for Yayasan UTP worth RM200,000.00. Also present was En. Effendy Cheng Abdullah, Chief Executive Officer of PETRONAS Exploration.



24 April 2012

UTP Received Recognition for its Structured Student Industrial Internship Programme

Universiti Teknologi PETRONAS (UTP) Structured Student Industrial Internship Programme has been recognised by Talent Corporation Malaysia Berhad (TalentCorp), an agency under the Prime Minister's Office. UTP received an endorsement letter which recognises UTP's contribution in enhancing pre-employment experience by providing a high quality practical learning experience through student internship programme.

The recognition was announced at The Talent Roadmap 2020 launched by the Prime Minister, YAB Dato' Sri Mohd Najib Tun Abdul Razak held at Putrajaya International Convention Centre, Putrajaya on 24 April 2012. Also present were Dato' Seri Hishammuddin Tun Hussein, Minister of Home Affairs, Tan Sri Nor Mohamed Yakcop, Minister in the Prime Minister's Department, Dato' Seri Mohamed Khaled Nordin, Minister of Higher Education and Dato' Ab. Rahim Md. Noor, Secretary General, Ministry of Higher Education.



15-19 May 2012

8th Mission Awareness Programme at Kampung Rungkup Kechil, Bagan Datoh, Perak

With its objective to generate integration between Universiti Teknologi PETRONAS (UTP) local and international students and to expose the students to the local Malaysian culture for their awareness and experience, the university again, for the eighth time since 2005, managed to organise the Mission Awareness Programme (MAP) with the theme "Welcome Home - My Second Home".

The programme was organised by the International Student Unit of Student Support Services Department of UTP in collaboration with the Ministry of Higher Education (MOHE), Bagan Datoh MP Service Centre, Jawatankuasa Kemajuan dan Keselamatan Kampung (JKKK) Kampung Rungkup and PETROSAINS. This programme was carried out at Kampung Rungkup Kechil, Bagan Datoh, Perak and was officiated by Perak State Assemblyman of Rungkup, Dato' Haji Shaarani bin Mohamad.



17-18 May 2012

Shell Intervarsity Student Paper Contest 2012 (S-SPEC 2012)

With his paper entitled, "Cuttings Transport Characterization of Drilling Fluid through Horizontal Eccentric Wellbore", Tham Keat Fu from Universiti Teknologi PETRONAS was announced as the 1st runner up in the prestigious paper contest, Shell Intervarsity Student Paper Contest 2012 (S-SPEC 2012). The S-SPEC 2012 contest was organised by the Society of Petroleum Engineers Universiti Teknologi Malaysia Student Chapter. Its main objective is to serve as a platform for the students to present their papers on the fields of health, science and environment.

15 participants from various institutions namely Universiti Teknologi PETRONAS, Universiti Putra Malaysia, Universiti Teknologi Malaysia, Universiti Malaysia Pahang, Universiti Tunku Abdul Rahman, Nanyang Technological University, Singapore, University of Indonesia, Indonesia and Gadjah Mada University, Indonesia participated in the contest.



17-19 May 2012

Won 35 Gold Awards at the Invention, Innovation and Technology Exhibition (ITEX '12)

Universiti Teknologi PETRONAS (UTP) has marked another international triumph when all of its 51 exhibits managed to win medals for the recently concluded International Invention, Innovation and Technology Exhibition (ITEX '12). UTP bagged 35 Gold, 14 Silver and 2 Bronze medals. With this achievement, it testifies the strength of the University in its aspiration to be a centre of innovation and creativity.

UTP also won the Patron Award from Ministry of Science, Technology and Innovation (MOSTI) for the overall winner, Hanita Daud for the Best Invention ICT Award, Prof. Dr. Norani Muti Mohamed for the Best Green Invention University Category and Assoc. Prof. Dr Faiz Ahmad for the Severstal Russian Steel Division, SEVERSTAL OAO Award and the Best Booth Award.



17-21 May 2012

Won 2nd Place In The Future Petroleum Engineers Forum

Society of Petroleum Engineers (SPE)-UTP Student Chapter won 2nd place at the Future Petroleum Engineers Forum held at China University of Petroleum, Beijing (CUPB). It was organised by CUPB and its SPE student chapter, CUPB SPE Student Chapter.

The Future Petroleum Engineers Forum is an academic activity oriented for students who have great passion in petroleum engineering and acts as a centre stage for students to share their achievements with talents from all over the world. It also provides a platform to exchange knowledge and ideas among petroleum engineering students.

UTP students had to compete against international participating universities such as USA, Australia, Germany, Russia and Egypt. Throughout the competition, UTP students stood out with their vast knowledge in the petroleum engineering field. Their hard work finally paid off when they were announced the second place winner.



22 May 2012

Official Opening of Universiti Teknologi PETRONAS Advanced Technology & Innovation Centre (ATIC)

Universiti Teknologi PETRONAS (UTP)'s Advanced Technology & Innovation Centre (ATIC) was officially opened at Technology Park Malaysia, Bukit Jalil by Puan Juniwati Rahmat Hussin, Chairman, Institute of Technology PETRONAS (ITPSB) Board of Directors & Vice President, HRM PETRONAS.

ATIC is established in line with the government's policy to encourage transfer of knowledge and technology between universities and industries. It functions as a 'one-stop centre' for UTP to provide for the needs of industry and a 'shop window' to display UTP's expertise and facilities worldwide.

With the setting up of ATIC, it is hoped that the University can promote collaboration and establish strategic alliances with industry, academic and research institutions, provide support to academics and researchers at UTP.



22 May 2012

Collaborative Agreement with Schlumberger

Universiti Teknologi PETRONAS (UTP) has signed a collaborative agreement with Schlumberger in a commitment to elevate the university/industry engagement to a new level. This agreement will support UTP's efforts to develop a professional workforce for the oil and gas industry and position itself as a leading research university.

Under this collaborative arrangement, Schlumberger has committed to undertake a number of programmes with UTP. Which include Sponsorship of a Schlumberger Professorial Chair in Petroleum Engineering, software donation for the Faculty of Geosciences and Petroleum Engineering of UTP, Schlumberger PhD Prestigious Scholarship Programme, Adjunct Lectureship Programme and Student Internship Programme.



23-25 May 2012

Educamp for May 2012 Intake

A total of 4013 applicants were shortlisted among the 7548 applications received for the EduCamp - May 2012 Intake, comprising of SPM, STPM, Matriculation, A-Level and Diploma holders. Due to the overwhelming number of applications received, Educamp was held for three consecutive days.

The event was officiated by En Solihuddin Ahmad Nasarudin, Registrar of UTP, representing Datuk Dr Zainal Abidin Hj Kasim, Vice Chancellor of UTP. In his opening remarks, En. Solihuddin said that Educamp was aimed to look for potential students who excelled in various fields, namely academic, co-curricular activities, leadership as well as communication skills. EduCamp is designed to be highly interactive and informative. Apart from being an avenue for the selection of suitable candidates, it also serves as a platform for participants to increase their level of self-awareness, build self-confidence, and improve social skills and teamwork.



24-30 May 2012

Malay Debate Team Emerged as the Champion and Won The Best Speaker in 'Bahas Muhibbah 2012'

UTP Malay Debate Team took part in the Bahas Muhibbah 2012 where two of its speakers emerged as the Champion and won the Best Speaker. The event was held at the National University of Singapore and was officiated by the Senior Parliamentary Secretary, Ministry of Education and Ministry of Home Affairs, Singapore, Mr Hawazi Daipi.

Using Parliament Style as the concept of the competition which comprised the government and opposition team, the UTP Malay Debate Team had to undergo four rounds of selection in the competition. One of UTP representatives, Syed Syafiq Al Hafiz Syed Senu represented the government team together with three other speakers from Brunei, Cambodia and Singapore, whilst another representative, Muhammad Norilyas Hussin was in the opposition team with three other speakers, also from Brunei, Cambodia and Singapore.



25 May 2012

Clinched Top Spot at the Msc Malaysia Institution of Higher Learning Business Plan Competition (MIBPC) 2011/2012

UTP added another feather in its cap when it clinched the top spot at the MSC Malaysia Institution of Higher Learning (IHL) Business Plan Competition (MIBPC) 2011/2012. The competition, which was organised by the Multimedia Development Corporation (MDeC) and supported by the Ministry of Science, Technology and Innovation (MOSTI), was introduced with the intention of growing brilliant ideas from ICT and the multimedia business into technopreneurial feats.

The 8th installation of the MIBPC saw 32 business plan submissions from 25 IHLs across the country, with only 7 selected as finalists. Despite the very tough competition, it was the 'Squikie' Educational Mobile Game proposed by UTP's Worldroid team that won the judges over.



26 May 2012

PETRONAS and Yayasan UTP Award Scholarships to 324 Students

PETRONAS and Yayasan UTP have awarded 324 scholarships to deserving students this year, to pursue their foundation and undergraduate studies at established local and foreign universities. Of the 324 recipients, 316 were awarded the scholarships under the PETRONAS Education Sponsorship Programme (PESP), while the remaining eight received Yayasan UTP scholarships. Of the total, 112 students were offered overseas programmes. The remaining 204 will pursue their studies at Universiti Teknologi PETRONAS (UTP).

The scholarships for the 324 students were presented by Puan Juniwati Rahmat Hussin, Vice President of Human Resource Management at a special ceremony held in UTP. In her speech, Puan Juniwati said that PETRONAS had always provided various opportunities and facilities for the acquisition of knowledge, especially in the areas of science and technology. "The setting up of UTP in 1997 in itself marked an important milestone in our commitment towards the development of education in Malaysia," she added.



28 May 2012

Industry Advisory Panel Meeting

UTP held its 6th Industry Advisory Panel (IAP) meeting with the main objectives of further enhancing the university's curriculum, teaching methodology and facilities, and to establish academic-industry collaborations especially in the areas of research, development and consultancy.

The meeting kicked off with the welcoming remarks by UTP Vice Chancellor, Datuk Dr. Zainal Abidin Hj Kasim; UTP Programmes briefing by UTP Deputy Vice Chancellor Academic, Prof. Ir. Dr. Ahmad Fadzil Mohamed Hani and followed by a briefing on strategic plans towards achieving Research University by UTP Director of Transformation Office, Associate Prof. Dr. Hilmi Mukhtar

UTP students were also given the opportunity to meet their IAP members for the respective academic programmes, where the IAP members shared their experience. They also had a dialogue session with the students to discuss on current industry issues and needs.



6 June 2012

Tun Azizan Zainul Abidin Integrity Lecture Series (TAZA-ILS)

UTP in collaboration with the Institute of Integrity Malaysia (IIM) organised the second Tun Azizan Zainul Abidin Integrity Lecture Series (TAZA-ILS), which was delivered by Dato' Hafsah Hashim, CEO of Small & Medium Enterprise (SME) Corporation Malaysia.

This Integrity Lecture Series is an initiative to provide an avenue for intellectual discourse among undergraduates and prominent Malaysian corporate figures, and will be conducted once every six months at different institutions of higher learning, including UTP. The Lecture Series was named after Allahyarham Tun Azizan Zainul Abidin, the former President and Chairman of PETRONAS; a man of great integrity and humility, a visionary leader and a gentleman.



12-14 June 2012

World Engineering, Science and Technology Congress (ESTCON 2012)

Universiti Teknologi PETRONAS in collaboration with the Ministry of Higher Education (MOHE), the Ministry of Energy, Green Technology and Water (KeTTHA) and Yayasan UTP organised the World Engineering, Science and Technology Congress (ESTCON2012), deemed as one of the largest world congresses Malaysia has ever hosted. It was officially opened by the Minister of Higher Education, YB Dato' Sri Mohamed Khaled Nordin on 12 June 2012 and closed by the Minister of Energy, Green Technology and Water, YB Dato' Sri Peter Chin Fah Kui on 14 June 2012. Themed "Towards Sustainability: Bridging Engineering, Technology and Humanities", it successfully gathered about 1,200 experts from 45 various countries representing diverse fields of research and innovation in the spirit of sustaining knowledge for the betterment of humanity

In his opening speech, YB Dato' Seri Mohamed Khalid remarked that the theme of the congress was indeed relevant to Malaysia's transformation into a developed country by 2020.



14 June 2012

Agreement with Huawei Signed

Universiti Teknologi PETRONAS (UTP) signed an agreement with Huawei in a commitment to further create and enhance UTP graduates' employability in the information and communications technology (ICT) sector globally. The signing was in conjunction with Huawei Malaysia Global Training Center (MGTC) official opening by the Prime Minister, YAB Dato' Sri Mohd Najib Tun Hj Abdul Razak at Cyberjaya on 14 June, 2012. This new establishment in Cyberjaya is in line with Multimedia Development Corporation Malaysia (MDeC) and Huawei's continuous support to the Malaysian Government's aspiration to accelerate the creation of ICT professionals in the industry as well as to contribute towards the success of Malaysia in becoming a high income economy by 2020.

Huawei is a leading global ICT solutions provider. It is dedicated towards customer-centric innovation, strong partnerships and has established end-to-end advantages in telecom networks, devices and cloud computing.



13-15 June 2012

Won 6 Gold and The Best Invention of the Pacific Rim for The Invention and New Products Exposition (INPEX) 2012

UTP maintained its excellence in the field of research when it won 6 gold medals and the Best Invention of the Pacific Rim for the second consecutive year at the Invention and New Products Exposition (INPEX 2012), Pennsylvania, USA. Organised annually by Invent Help USA, INPEX2012 is a unique trade show that showcases numerous inventions, new products and innovations that are available to be licensed, marketed or manufactured.

It is the largest exposition of its kind in USA that brings innovators and industry together under one roof. It offers inventors a number of unique opportunities for industry exposure, product searches, education and support, publicity, awards and networking.



15 June 2012

Shell Downstream Leaders Engagement Session with Final Year Engineering and Technology Students

Tuan Haji Azman Ismail, Managing Director of Shell Malaysia Trading Sdn Bhd and Shell Timur Sdn Bhd cum General Manager Retail Business of Malaysia, Singapore, Hong Kong and Brunei, accompanied by 20 top leaders of Shell Downstream team visited UTP to engage with the final year engineering and technology students in the "Shell Downstream Day, We Care, We Share" event at the Undercroft, Chancellor Complex.

Tuan Haji Azman Ismail in his speech advised UTP graduates to learn to articulate personal thoughts well, invest time in networking and relationship building and sets high personal work ethics in order to be successful in any career path that they wish to take in the near future.



16 June 2012

Euphonious

The music band competition Euphonious 2012 was successfully held at the Chancellor Hall, Universiti Teknologi PETRONAS. The theme "Music Revolution Elevated" was chosen for its 7th year anniversary. The event was organised by the Co-Curriculum Unit, Student Support Services Department and International Culture Club Universiti Teknologi PETRONAS.

Euphonious 2012 is an inter-university musical band competition participated by 19 musical bands including 2 musical bands from UiTM Pematang Pauh and Kolej Profesional MARA, Bandar Melaka. The main objective of organising Euphonious is to provide students from all institutions of Higher Education in Malaysia the opportunity to showcase their talents in performing arts. It is also to dissolve barriers among students in order to create a more harmonious and enjoyable environment.



22 June 2012

The Red Sonata Fiesta 3

The Red Sonata Fiesta 3 was successfully held on 22 June 2012, at the Chancellor Hall, Universiti Teknologi PETRONAS with the theme "*The Grace of Autumn Rhyme*". Entering its third year, this event was organised by the Co-Curriculum Unit, Student Support Services Department UTP, UTP Chinese Orchestra (UTPCO) and supported by the State of Perak.

The event was officiated by Ir Lai Kong Phooi, Ipoh City Councillor, representing YB Dato' Dr Mah Hang Soon, Perak State Executive Councillor and Health, Local Government, Consumer Affairs, Environment, Transport and Non-Muslim Affairs Committee Chairman.

The aim of this programme was to exchange ideas, opinions and knowledge pertaining to arts and culture, bridge the gap between Malaysian and Chinese culture, promote traditional music as well as to expand networking.



25 June 2012

National Mathematical Modeling Competition 2012 (NMMC 2012)

UTP emerged as the second place winner in the online National Mathematical Modeling Competition 2012 (NMMC 2012). In addition, they won honourable mentions and successful categories for the competition.

NMMC is a group-based competition open to all undergraduate students at any Malaysian university or tertiary institution. This competition challenges students' mathematical minds in solving problems via a collaborative effort. Each team comprises three members where they need to select one problem based on local scenario real-world problems that must be solved using mathematical approaches and formulations and submit it online.

Teams' performances were classified into 4 categories - Winners (first, second and third), Honourable Mention, Successful and Unsuccessful. The competition run from 5-10 April 2012 and the results were announced online on 25 June 2012.



27 June 2012

UTP Signed the Strategic Alliance Agreement with Agensi Inovasi Malaysia (AIM)

Universiti Teknologi PETRONAS has signed a strategic alliance agreement with Agensi Inovasi Malaysia (AIM), a statutory body established by the Malaysian government, as part of the government's effort to set up the National Technology Commercialisation Office (NTCO). The event was held at Tunku Abdul Rahman College, Kuala Lumpur and witnessed by the Prime Minister, YAB Dato' Sri Mohd Najib Tun Abdul Razak. UTP was represented by its Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim.

UTP was among the 26 private and public institutions as well as research institutions that took part in the agreement. Others include Universiti Malaya, Universiti Sains Malaysia, Universiti Teknikal Malaysia Melaka, University of Nottingham Malaysia, Institut Penyelidikan Pembinaan Malaysia (CREAM), Lembaga Getah Malaysia (LGM), Majlis Amanah Rakyat (MARA) and SIRIM Berhad.



29 June-1 July 2012

IKIM.FM Mahabbah Carnival 2012

UTP hosted the IKIM.FM Mahabbah Carnival 2012 from 29 Jun to 1 July 2012. The event was officiated by Professor Datin Dr Azizan Baharuddin, Deputy Director-General of Institut Kefahaman Islam Malaysia (IKIM) or Institute of Islamic Understanding Malaysia, representing Datuk Nik Mustapha Nik Hassan, IKIM Director-General. It was also broadcast live on IKIM.FM.

Professor Datin Dr Azizan in delivering her officiating speech said that the main objective of choosing UTP for the venue of the carnival was to approach the younger generation i.e. university students. According to Professor Datin Dr. Azizan, the younger generation, "must be guided with knowledge and provided with the right information with the advent of cyber technology and social media." On this note, IKIM.FM has prepared various radio programmes that are both educational and motivational to cater for the younger generation's needs.



30 June 2012

Institute of Engineers Malaysia (IEM)-UTP Student Section Wins IEM Awards

The Institute of Engineers Malaysia (IEM) - UTP Student Section was awarded the "Most Outstanding IEM Young Engineers Section for Student Section 2011/2012" and the "Most Outstanding Student Member for IEM Young Engineers Section, 2011/2012" for its Chairman, Muhammad Nasrullah Annuar (2nd year, Mechanical Engineering). The awards were presented during the 42nd Annual General Meeting of Young Engineers Section, IEM at Swiss Garden Hotel, Kuala Lumpur.

Established in September 2011, the IEM-UTP Student Section is aimed at assisting graduates and members of IEM in achieving their career aspirations to become professional engineers.



3 July 2012

10th Academic Advisory Council (AAC) Meeting

The 10th Academic Advisory Council (AAC) meeting of Universiti Teknologi PETRONAS (UTP) was held at Level 86, Tower 1, PETRONAS Twin Towers. The Council acts as a forum to exchange ideas between academicians and industry leaders, as well as providing guidance and strategic direction for the university's development.

The Council amongst others, discussed matters on R&D efforts, international linkages, and 'Global University', which was also the theme for this year's meeting. UTP aspires to be internationally recognised as partner of choice for oil and gas by the year 2015 and internationally recognised as a partner of choice for industries and a respected member of the scientific communities by the year 2020.

Later in the evening, the Council's Chairman, Tun Dr Mahathir bin Mohamad hosted a dinner for the council members and ITPSB Board members at the Pullman Putrajaya Lakeside, Putrajaya.



5 July 2012

Ministry of Higher Education (MOHE) Research Fund Presentation

The Ministry of Higher Education (MOHE) Research Fund Presentation ceremony was held at the Ministry of Higher Education, Putrajaya.

The event was officiated by the Minister of Higher Education, YB Dato' Seri Mohamed Khalid Nordin to award the four main research schemes to successful public and private higher learning institutions in Malaysia. The four research schemes are the Fundamental Research Grant Scheme (FRGS), Exploratory Research Grant Scheme (ERGS), Long Term Research Grant Scheme (LRGS) and Prototype Research Grant Scheme (PRGS).

UTP Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim represented UTP and 25 other private higher learning institutions in Malaysia to receive the FRGS from YB Dato' Seri Mohamed Khalid Nordin. For 2012, research grants of about RM163 million were approved to be channeled to public and private institutions where 13 millions were awarded to private institutions of higher learning including UTP.



6 July 2012

First Private University Awarded by Standards Malaysia

Universiti Teknologi PETRONAS (UTP) becomes the first private university in Malaysia awarded by the Department of Standards Malaysia (STANDARDS MALAYSIA) when its Universal Testing Machine (UTM) Laboratory was accredited under Laboratory Accreditation Scheme of Malaysia (SAMM) based on MS ISO/IEC 17025:2005 - 'General Requirements for the Competence of Testing and Calibration Laboratories'.

Puan Fadilah Baharin, the Director General of STANDARDS MALAYSIA presented the accreditation certificate of MS ISO/IEC 17025:2005 to UTP's Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim, at a special presentation ceremony on 6 July, 2012.

The UTP Laboratory is managed by Laboratory Facilities & Services Unit (LFSU) UTP, which is one of the units under Academic Central Services Department.

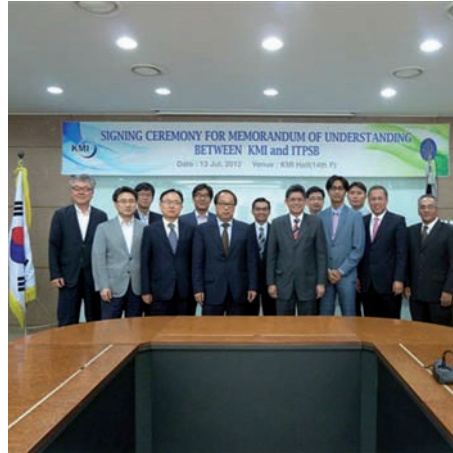


10-11 July 2012

The 12th Technology, Education and Career 2012 (TEC XII)

The 12th edition of the Technology, Education and Career successfully attracted 53 companies to participate in its exhibition held at the Foyer, Chancellor Complex, Universiti Teknologi PETRONAS (UTP) from 10 - 11 July 2012. This annual event was jointly organised by UTP's Career Advisory Services Unit and Student Representative Council, in collaboration with the Ministry of Higher Education (MOHE), Ministry of Science and Technology (MOSTI) and Ministry of Human Resources (MOHR). This year, TEC XII also received support from the Ministry of Defence (MINDEF).

In conjunction with TEC XII, several pre-events such as career talks, interviews, Career Seed, Intern Share Forum, SHELL Management Skill Game and a technology conference were held since March. These programmes were designed to increase the interaction between future graduates and representatives from global industry giants and local companies, as well as government agencies from various sectors.



11-13 July 2012

Signs MOU with 3 Korean Institutions

Universiti Teknologi PETRONAS (UTP) has signed MOUs with Suncheon National University, Mokpo National Maritime University, and Korea Maritime Institute recently.

The signing ceremonies, which were held in Korea, marked another significant milestone in UTP's quest to achieve its academic and R&D excellence.

UTP was represented by Prof. Ir. Dr. Ahmad Fadzil Mohamad Hani, Deputy Vice Chancellor, Academic. He was also invited to be one of the speakers to present a topic on "The Future of Offshore Plant Industries with New Eco-Technologies" at the EXPO 2012 Yeosu Korea-OECD International Symposium at Jeollanam do, Korea on 10 July 2012.



18 July 2012

Rector's Cup 2012

The finale and prize giving ceremony of the 3rd Rector's Cup Intra-varsity debate and public speaking championship were held at Undercroft, Universiti Teknologi PETRONAS and officiated by UTP Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim.

Rector's Cup is an annual competition held at UTP to scout for promising new debaters to represent UTP in the local, regional and international debating arena. This year, it was part of the UTP Language Week Carnival held in conjunction with the UTP 15 Years Celebration. The event was jointly organised by the UTP Debate Club and UTP Village 1 Committee.

The competition received good response with almost 80 participants from foundation and undergraduate levels, took part in the various categories:-

- Bahasa Melayu category
- English Category
- Mandarin Category



4-5 August 2012

Students Awarded Top Prizes at Super Dancers 2012

UTP students have once again done the University proud by winning the Super Dancers 2012 Competition organised by CapitalMalls Asia Limited. Tahyr Orazov from Turkmenistan won the 2nd runner up for the solo showcase category, while UTP breakdancing team, Interbeatz claimed the 1st runner up for the qualifier competition held at the East Coast Mall, Kuantan, Pahang on 4 and 5 August 2012.

Capita Malls Asia Limited, one of the largest listed shopping mall developers, owners and managers in Asia, organised the Super Dancers 2012, a cross-country and cross-mall event, from mid-July to August 2012 at seven CapitaMalls in China, Malaysia and India.



8-9 August 2012

Science and Engineering Design Exhibition (SEDEX30)

The 30th Science and Engineering Design Exhibition (SEDEX30) was successfully held at Chancellor Hall Plaza, Universiti Teknologi PETRONAS, with the support from Ministry of Science, Technology and Innovation (MOSTI). Datuk Dr Zainal Abidin Hj Kasim, UTP Vice Chancellor officiated this event.

This biannual event was organised with the following objectives:

- To expose students' design projects to the community of the university and personnel from PETRONAS OPUs in promoting UTP as a centre of creativity and innovation.
- To encourage interactions between students, lecturers, exhibitors and visitors on exchanging R&D ideas, as well as questioning other opinions in creating well-rounded engineers.
- To aspire students' involvement in the creative and innovative activities as part of extending the innovative culture towards the surrounding community, in line with the Government's innovation programmes.



11 August 2012

Writing Skills Workshop for Student Clubs

Counseling and Students Development Unit (CSDU) and Editorial Services Unit of Corporate Services Department organised a Writing Skills Workshop for UTP Student Clubs at Seminar Room 5, Undercroft of Chancellor Complex.

25 students from the HOT and Inspirer Newsletter teams, Students Representatives Club (SRCUTP), Residential College Support Unit (RCSU), International Students Club (ISC), Rakan Masjid, Medtech and Peer Helpers Club participated in the 1-day workshop held during the month of Ramadan.

The workshop was conducted by Mr Kee Thuan Chye, a journalist with more than 30 years of industry experience. He has worked for newspapers like The National Echo, New Straits Times and The Star in various editorial capacities. He is also an author and actor of stage and screen in Malaysian, Singaporean and international productions.



14 August 2012

Iftar with His Royal Highness Raja DiHilir Perak, Raja Jaafar Raja Muda Musa

UTP together with Majlis Daerah Perak Tengah (Perak Tengah District Council) organised the Iftar Ramadhan at An-Nur Mosque, UTP with His Royal Highness (HRH) Raja DiHilir Perak, Raja Jaafar Raja Muda Musa as the royal guest of honour.

Other guests who attended the gathering were YB Dato' Mohammad Zahir bin Dato' Abdul Khalid, Perak Exco of Education, Higher Education, ICT, Human Resources, Science and Technology Committee Chairman, representing YAB Dato' Seri DiRaja Dr Zambry bin Abd Kadir, Perak Menteri Besar, and UTP Vice-Chancellor Datuk Dr Zainal Abidin Hj Kasim and spouse, Datin Rosemi Hamdan along with 1,000 UTP students and staff.



26 August-8 September 2012

UTP - Universiti of Tokyo (UT) Summer Programme 2012

UTP hosted 14 students from University of Tokyo (UT), Japan under the UTP-UT Summer Programme 2012. These students were in UTP for two weeks. During their stay in UTP, they enrolled in short courses and were involved in various programmes such as educational trips, cultural and recreational activities within and outside the university compound.

Its objectives amongst others, are to expand knowledge related to the history, culture, geography, economy, religion, educational systems and peoples of countries around the world, foster sensitivity, appreciation and understanding of diversity, share information on education, policies and practices that support and encourage students' learning and development, understand the differences of students between countries in various aspects and exchange ideas and share information on programmes, services and activities.



3 September 2012

UTP Strengthens its Collaboration with Mitsubishi Corporation

Universiti Teknologi PETRONAS (UTP) Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim and Mitsubishi Corporation Chief Executive for Malaysia, Mr. Koichi Wada signed a memorandum of understanding (MOU) at Malaysian Petroleum Club, Kuala Lumpur City Centre, to augment its existing research and education partnership. This is a renewal of the earlier MOU for another 3 years commencing 1 July 2012.

Both parties had earlier signed an MOU on 29 April 2009 to establish the Mitsubishi Corporation Chair in Green Technology at UTP, to be funded by Mitsubishi Corporation through its Trust Fund called Mitsubishi Corporation Education Trust Fund (MCETF). The Mitsubishi Corporation Chair in Green Technology was established to promote an integrated system of research, training, information and documentation in the field of Green Technology and serve as a means of facilitating collaboration between UTP and high-level, internationally recognised researchers and academics from other universities and institutions.



12 September 2012

Reaching Out to the Less Privileged

In upholding its commitment as a responsible corporate citizen, UTP reached out to about 70 less privileged people in its surrounding community through hosting an Aidilfitri gathering together with the Tronoh Village Community. The event was held at the Tronoh Village. The joy of Aidilfitri was shared with the less privileged who came from Tronoh, Kampung Merbau, Piandang and Seputeh areas and consisted of 35 orphans (school children) as well as 35 single parents and elderly people living alone without family members.

UTP Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim contributed cash while Kinta District Officer, Dato' Haji Jamry Haji Sury handed over packets of rice to the less fortunate. For the orphans, both donated cash. Also present at the event were Director of State's Department of Communication, Haji Aszahari Abd Rahman, and Chairman of Tronoh 1Malaysia Community, Haji Syed Salahuddin Syed Hassan.



12-14 September 2012

MRSM Science Camp

The Fundamental and Applied Sciences Department, Faculty of Science and Information Technology (FSIT) of Universiti Teknologi PETRONAS (UTP) and Majlis Amanah Rakyat (MARA) jointly organised the 2012 MRSM Science Camp. Themed "Scientists for Tomorrow", the MRSM Science Camp is organised with the aim to instil and develop students' interest and passion in Science subjects, to inculcate research culture among students, to develop students' creativity and innovation in research as well as to provide opportunities for students and teachers to learn about new research techniques.

At the opening ceremony, Prof. Dr. Noorhana Yahya, UTP's Dean of FSIT said the camp is a joint effort by UTP and MARA to produce and nurture pool of young Malaysian scientists that can contribute towards the government's aspiration to become a fully developed country by the year 2020. The sixth edition of the MRSM Science Camp saw the participation of 144 Form 4 students from 39 MRSM all over Malaysia.



14 September 2012

Aidilfitri Celebration @ UTP

On 14 September 2012, the university community and their families gathered at the Chancellor Complex Plaza to celebrate the joy of Aidilfitri. On hand to personally greet the guests were UTP Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim, accompanied by his wife, Datin Rosemi Hamdan and UTP Management Committee Members.

With a "kampung" setting concept, this year's celebration is shared with the university's local communities, state government officials, media personnel as well as staff from PETRONAS Operating Units in Perak.

Donned in their traditional dress, guests were treated with an array of modern and traditional delicacies such as roasted lamb, prawn fritters, porridge, lemang, ketupat and rendang, in hawker-style stalls. While enjoying their dinner, guests were entertained with traditional and modern Malay songs as well as English, by UTP's in-house performers and band. The Aidilfitri celebration came to an end with presentations of 'Duit Raya' and 'Raya Gift' from PETRONITA and KSKKU.



22 September 2012

Festival Tari Perak 2012 (FESTARI)

16 UTP Performing Arts Group (UPAG) students danced their way to victory when they emerged the overall Champion and won the Best Costume Award at the recent Festival Tari Perak 2012 (FESTARI) held at Perak Arts Council Auditorium Complex on 22 September 2012.

The event was officiated by YB Dato' Zainol Fadzi bin Paharudin, Perak Exco of Arts, Culture, Youth and Sports Committee, in the presence of Abdul Mutalib Abdul Rahman, Director of Jabatan Kebudayaan dan Kesenian Negara, Negeri Perak (JKKN).

Organised by JKKN and Persatuan Permainan Tradisional Serantau (PEWARIS), the festival saw the participation of 24 teams of professional and amateur dancers in Perak. Witnessed by about 200 audiences, UPAG mesmerized the judges with their "Tanjung Bidara" dance and their colourful costumes. UPAG walked away with cash prizes and appreciation certificates presented by YB. Dato' Zainal Fadzi.



26 September 2012

Sports and Co-Curriculum Appreciation and Awards Night 2012

The Student Support Services Department successfully organised the Sports & Co-Curriculum Appreciation and Awards Night 2012 at Main Hall, Universiti Teknologi PETRONAS.

Officiated by YBhg Datuk Dr. Zainal Abidin Hj Kasim, the event was held to appreciate and recognise more than 300 students for their significant dedication, contribution and sacrifices in propelling UTP's image and reputation towards excellence in sports and co-curricular activities throughout 2011.

The event was also graced by a special guest, Mr. M Kumaresan, a former National cyclist who shared with the audience his experiences and sacrifices he had to make for his numerous and notable achievements in cycling.



1-9 October 2012

10th Cheonan World Dance Festival

For the second time, Universiti Teknologi PETRONAS (UTP) University Performing Arts Group (UPAG) participated in the 10th Cheonan World Dance Festival at Cheonan Samgeori Park, Cheonan City, Korea.

UTP UPAG, which consists of 27 team members, received financial support of RM30,000.00 from the Ministry of Higher Education Malaysia (MOHE) and RM20,000.00 from Yayasan UTP for this prestigious annual cultural arts festival.

Themed 'Let's Dance in Cheonan,' the festival was organised by Cheonan-si Cheonan Culture Enhancement Committee and supported by Ministry of Culture, Sports and Tourism Korea.

The main aim of this festival was to encourage and educate the international community to appreciate international folk dance cultures. Participation came from various professional and national dance groups from 23 countries around the world.



5 October 2012

UTP is now ISO9001 Certified

SIRIM QAS International Sdn Bhd, the Certification panel, approved the University's Quality Management System (QMS) certification for ISO 9001 under the scope of "Management of Final Examination for Undergraduate Programmes".

The Certification is one of the University's endeavours towards nurturing Continual Quality Improvement Work Culture (CQIWC). The achievement was a result of a concerted effort and commitment in developing, implementing, maintaining and improving the QMS that was designed in accordance with ISO 9001, MQA and EAC requirements



5-7 October 2012

Competed in the Proton Green Mobility Challenge (PGMC)

UTP's electric vehicle, Saga METROTM (Malaysian Electric Transportation Rover)TM competed in the PROTON Green Mobility Challenge (PGMC) 2012 at Sepang International Circuit.

The electric vehicle was designed with a perfect balance between performance and efficient energy consumption demands by the consumers. Packed with many innovations, it is capable of travelling to a speed of up to 140 km/hr and a driving distance of over 130 km with a single charge.

The competition was jointly organised by PROTON and AIM, with the support from Ministry of Science, Technology & Innovation (MOSTI); Malaysian Green Technology Corporation, an agency under the Ministry of Energy, Green Technology and Water (KeTTHA); Malaysia Automotive Institute (MAI), an agency under the Ministry of International Trade and Industry (MITI); and Society of Automotive Engineers (SAE) International, Malaysia Section.



12-14 October 2012

Kasih Project 2012

UTP students carried out a humanitarian mission at Kg. Tanjung Aur, Kg. Pulau Pisang and Kg. Aji in Bota Kiri, Perak. Known as the UTP Kasih Project 2012, it was officially launched at Kg Tanjung Aur, Bota Kiri by Dato' Nasarudin Hashim, Bota State Assemblyman, who is also the Chairman of Technology Park, Malaysia.

The mission was organised by 60 undergraduate and postgraduate students who represented 10 student bodies and clubs, namely Culture and Society Department of Majlis Perwakilan Pelajar, International Student Council, Sekretariat Rakan Muda, Residential College Support Unit, Rakan Masjid UTP, Media and Technology Club, Hal Ehwal Siswi UTP, Friends of IRC, UTPHOST and UTP Taekwando Club.

For this project, the students successfully obtained sponsorship from Bank Rakyat and Lynas Malaysia amounting RM10,600.00 to purchase rice, sugar, kitchenware, books and sewing machines for the villagers.



19 September 2012

PETRONAS Chairman's First Visit

Tan Sri Sidek Hassan, Chairman of PETRONAS, visited UTP accompanied by Pn. Juniwati Rahmat Hussin, Chairman of ITPSB Board of Directors and Pn. Raiha Azni Abdul Rahman, Vice President of Human Resource Management Division of PETRONAS.

On hand to receive Tan Sri Sidek and delegation were Datuk Dr Zainal Abidin Hj. Kasim, UTP Vice Chancellor and UTP Management Committee Members.

Tan Sri Sidek was briefed on UTP's progress by Datuk Dr. Zainal and was later taken for a tour of the University facilities which include the Information Resource Centre, the Chancellor Hall and selected laboratories namely Unit Operations Lab of Chemical Engineering, Control Lab of Electrical and Electronic Engineering, Manufacturing and Prototyping Lab of Mechanical Engineering, Centre for Enhanced Oil Recovery and Centralised Analytical Lab.



21-23 September 2012

International Student Sports Carnival

UTP sports contingent proved that they were the best among the higher learning institutions in Malaysia when they were once again crowned overall champion for three consecutive years (2010, 2011 and 2012) in the International Student Sports Carnival (ISSC) held at Universiti Tenaga Nasional, Bangi (UNITEN).

This annual event was organised with the aim to inculcate healthy and productive integration amongst international students from various ethnicities and nationalities as well as local students from both private and public institutions. UTP contingent comprise of 90 students who demonstrated high sporting spirits and thus were able to defend their championship. UTP overall achievements in this carnival were as follows:

- 6 Gold
- 6 Silver
- 1 Bronze



13 October 2012

Students Received the 1Malaysia Student Discount Card (KADS1M)

Students received their 1Malaysia Student Discount Cards (KADS1M) from YB Dato' Tan Lian Hoe, Deputy Minister for Domestic Trade, Co-operative and Consumerism (KPDNKK). The KADS1M was initiated by the government in ensuring that students' welfare is well taken care of by relieving their financial burden when purchasing their needs.

At the same event, UTP also received a donation amounting RM3,000.00 from KPDNKK to be channelled to UTP's Gerakan Pengguna Siswa. Also present at the event was YB Dr Mah Hang Soon, Health, Local Government, Consumer Affairs, Environment, Transport and non-Muslim Affairs Committee Chairman; YB Dr Mohd Nizar Hj Zakaria, Member of the Malaysian Parliament for Parit, Perak; YB Dato' Nasarudin Hashim, Bota State Assemblyman; and YB Dato' Hj Mohd Zaim Abu Hasan, Belanja State Assemblyman.



20 October 2012

Collaboration Agreement with PV Hi-Tech Solar Sdn Bhd

Universiti Teknologi PETRONAS (UTP) has signed a collaboration agreement with PV Hi-Tech Solar Sdn Bhd (PV Hi-Tech). PV Hi-Tech is a local company dealing with Solar Electricity Generating Systems (SEGS) and owns a factory that assembles solar panels for large-scale solar electricity generation. Through this agreement, PV Hi Tech will set up a 1MW Solar Farm in UTP and for this purpose, it will be leasing UTP's land for a period of 21 years. With this collaboration, UTP hopes to become the first university in Malaysia to set up a 1MW Solar Farm on campus which will contribute points for the Green Building Index.

PV Hi Tech Solar Sdn Bhd will also be allocating several solar panels for research on large-scale solar electricity generating study, electricity storage system, and power transmission and distribution under the UTP Hybrid Energy Systems Mission Oriented Research.



20-21 October 2012

The Exposition on Islamic Innovation (I-INOVA) 2012

UTP participated in The Exposition on Islamic Innovation (i-Inova) 2012 at Universiti Sains Islam Malaysia (USIM), Negeri Sembilan. The i-Inova is a series of successful exposition that began in 2010 with the aim to introduce and expose innovative products through research activities by students and researchers from both local and international institutions of higher learning.

By participating in this event, it is hoped that the university's culture of innovation and creative thinking will continue to foster in line with its mission to become A Leader in Technology Education and Centre for Creativity and Innovation.



21 October 2012

12th Convocation Ceremony Celebrated

Universiti Teknologi PETRONAS (UTP) celebrated its 12th Convocation Ceremony. This year also marked the 15th anniversary of the University's establishment. Since its inception in 1997, UTP has taken meticulous efforts in ensuring that the students are nurtured to be well-rounded graduates.

This year's Convocation witnessed a total of 1267 of UTP students graduating in their respective fields of studies. Of these, 154 are postgraduate students while the rest are undergraduate students.

During the convocation ceremony, YBhg Tan Sri Sidek Hasan was officially proclaimed as the new Pro-Chancellor of the University.



24-27 October 2012

Excelled With 18 Medals at the British Invention Show (BIS)

UTP researchers marked another international triumph when all of its 18 products/inventions won medals at its first participation in the British Invention Show's (BIS) at the Barbican Exhibition Centre, London. UTP bagged 9 gold, 8 silver and 1 bronze medals, testifying its strengths and aspiration towards becoming a centre of innovation and creativity.

The BIS was created to develop new business opportunities by bringing together innovation and enterprise, investors and inventors, designers and manufacturers alongside associated service providers. A panel of 25 expert judges on behalf of the British Inventor's Society evaluated all products based on social and ecological benefits to mankind, originality, ingenuity, design and functionality.

BIS promotes original prototypes, new designs and techniques, including bridging interaction and commercial contacts between inventors, manufacturers, distributors and financial partners.



28 October-11 November 2012

Higher Education Institution Sports Carnival (SUKIPT) 2012

UTP swimming team swam to glory when they won 1 gold, 3 silver and 2 bronze medals in the Higher Education Institution Sports Carnival i.e. Sukan Institusi Pengajian Tinggi (SUKIPT) 2012. This inaugural sports event was held at UiTM Shah Alam with the aim to unearth and showcase students' talent in sports.

The event was officially opened by Higher Education Minister, Dato' Sri Mohamed Khaled Nordin. Participation came from 104 contingents from universities and colleges all over Malaysia, who competed in 15 sports events. UTP were represented by 88 students and took part in Aquatics, Badminton, Netball, Tennis, Tae Kwan Do, Volleyball, Tenpin Bowling, Rugby 7's and Chess.

Other UTP teams (Badminton, Netball, Tennis, Tae Kwan Do, Volleyball and Tenpin Bowling) had shown their highest level of sporting spirits and best performance to be at par with other national athletes.



31 October 2012

Passing the Baton

The University community gathered and lined up along the Chancellor Hall, UTP to bid fond farewell as UTP Vice Chancellor, Datuk Dr Zainal Abidin Hj Kasim clocked out for the last time after 7 ½ years.

Throughout Datuk's tenure as the Vice Chancellor, the university has firmly established itself as the premier institution of higher learning with numerous accomplishments. With his proactive leadership, the University has reached 84.9%, surpassing the 75% minimum score as set by the Ministry of Higher Education for a Research University status and is also ranked high among the Tier-5 (Excellent) group in the SETARA 2009 Rating for Institutions of Higher Learning. Other achievements include a sharp increase in the number of principal investigators and 12 patents granted, plus another 11 already commercialised.

Datuk Dr Zainal has certainly made a huge impact on the university with a legacy to be cherished and remembered.



1 November 2012

Welcome Aboard Datuk Ir (Dr) Abdul Rahim Hashim, the new Vice Chancellor

Datuk Ir (Dr) Abdul Rahim Hashim has been appointed as the Vice Chancellor of Universiti Teknologi PETRONAS since 1 November 2012. Abdul Rahim graduated in Electronics and Electrical Engineering from University of Birmingham, UK in 1976 and later received an Honorary Doctorate in Engineering from the same university. As a professional engineer, he was previously the Chairman of the Engineering Accreditation Council, Malaysia and sat on the Board of Engineers Malaysia. Abdul Rahim reported duty in PETRONAS in September 1976, and his last position was the Vice President of Research and Technology Division from 2006 - 2008. Prior to that, Abdul Rahim was the Vice President of Gas Business (2002 - 2006), Vice President of Human Resource Management (1998 - 2002) and CEO of PETRONAS Penapisan Melaka (1991 - 1998). Abdul Rahim is currently the President of the Malaysian Gas Association, Past President of Asia-Pacific Natural Gas Vehicle Association and Immediate Past-President of the International Gas Union from 2012 to 2015.



2 November 2012

Achieved Excellent Recognition for both Research and Teaching Under MyRA and SETARA

Universiti Teknologi PETRONAS (UTP) was awarded a 5-star (Excellent) rating by Malaysian Research Assessment Instrument (MyRA) for its research, development and commercialisation efforts. With this recognition, UTP can apply for research incentives of RM5 million. UTP is also the first private university in this country to achieve such recognition related to research and development.

At the same time, UTP was rated Tier-5 (Excellent) under the Rating System for Malaysian Higher Education (SETARA '11) for its excellent performance in teaching and learning for undergraduate programmes. 35 universities achieved the Tier-5 status. The 35 comprise 13 public universities while the rest were private universities and university colleges. Both the MyRA and SETARA results were announced by Datuk Seri Khaled Nordin, Higher Education Minister.



3-4 November 2012

Emerged as National Champion in ACM-ICPC Malaysia Al-Khawarizmi National Programming Contest

UTP participated in the ACM-ICPC Malaysia National Programming Contest 2012 (al-Khawarizmi-12) at UiTM Shah Alam. This competition, which follows the world ACM-ICPC contest model, is a prestigious national level programming competition sponsored by IBM with the objective of recognising programming talents among students from local universities. In this competition, teams of three students competed against each other to solve ten complex and real-world problems, within a five-hour deadline.

With 48 teams participating in this competition, Holy Shot, one of the teams representing UTP proved they were the best among the local universities as they emerged the national champion. They walked away with RM3,000 prize money, a medal for each member and certificates. As the national champion, Holy Shot has the opportunity to compete in the ACM-ICPC Regional competition held at the end of November in Hanoi, Vietnam.



21 November 2012

The Inaugural UTP Professorial Talk/Akademi Sains Malaysia (ASM) Fellow Lecture

Professor Ir Dr Ahmad Fadzil Mohamad Hani, Universiti Teknologi PETRONAS' (UTP) first Fellow and Council Member of the Academy of Sciences Malaysia (ASM) recently delivered a lecture entitled "Medical Imaging - Bringing Pixels to the Life Sciences" at UTP's Chancellor Hall.

This inaugural lecture was organised by the Faculty of Engineering, UTP in collaboration with ASM. The event was also graced by the presence of Tan Sri Dr Ahmad Tajuddin Ali, President of ASM. He is a very prominent figure at UTP as he was once a UTP Academic Advisory Council Member from 2003 to 2009.

In his welcoming remarks, YBhg Datuk (Ir) Dr Abdul Rahim Hj Hashim, UTP Vice Chancellor hoped that other UTP academic members will follow Professor Ir Dr Ahmad Fadzil's footsteps to become fellow members of the distinguished science academy.



22 November 2012

Received Appreciation Award at the National Standards & Accreditation Award Ceremony

Universiti Teknologi PETRONAS has received an Appreciation Award from the Department of Standards Malaysia (STANDARDS MALAYSIA) at the 2012 National Standards & Accreditation Award Ceremony, as recognition towards the university's contributions to the standardisation and accreditation initiatives in Malaysia.

The annual event was held at Putrajaya International Convention Centre (PICC) on 22 November 2012 and officiated by YBhg. Datuk Fadillah Yusof, Deputy Minister of Science, Technology and Innovation (MOSTI). Its aim is to encourage both public and private sectors to conform to standards and accreditation. UTP becomes the first private university in Malaysia awarded by STANDARDS MALAYSIA when its Universal Testing Machine (UTM) Laboratory was accredited under Laboratory Accreditation Scheme of Malaysia (SAMM) based on MS ISO/IEC 17025:2005 - 'General Requirements for the Competence of Testing and Calibration Laboratories'.



23-26 November 2012

Youth Debate Challenge 2121

Universiti Teknologi PETRONAS (UTP) Debate Club in collaboration with Ministry of Higher Education, Ministry of Information, Communication and Culture, Yayasan Orator, Majlis Debat Universiti-Universiti Malaysia (MADUM) and Dewan Bahasa dan Pustaka recently organised the Youth Debate Challenge 2121 (YDC2121).

The event served as an avenue for young debaters to express and exchange their ideas as well as to develop their oratory and debating skills.

The Opening of the YDC 2121 and its Gala Dinner was officiated by UTP Debate Club Adviser, Dr. Mohd Faris Khamidi on 23 November 2012, while the Closing ceremony (the debate's final round) was graced by Deputy Minister, Ministry of Information, Communication and Culture, Senator Datuk Maglin Dennis D'cruz representing Minister of Information, Communication and Culture, Dato' Seri Utama Dr Rais Yatim on 26 November 2012.



27 November 2012

Received Merit Award at the BSN Inter-Varsity Social Venture Challenge 2012

UTP social-venture business proposal entitled "Eco-Cement" was awarded the Merit Award at the final round of the Bank Simpanan Nasional (BSN) Inter-Varsity Social Venture Challenge (SVC) 2012 on 27 November 2012. Held at Intercontinental Hotel, Kuala Lumpur, UTP's project was short-listed from nearly 70 submissions from all public and private learning institutions across the nation. Out of this number, only 6 teams were shortlisted and chosen to present their project to panels comprising financial institution representatives, industrial experts, social-venture investors and media representatives.

Open to all undergraduates students, the BSN Inter Varsity SVC is an activity initiated by BSN as part of its Social Corporate Responsibility commitment. In line with BSN's mandated role, BSN's social venture challenge is an avenue for the youth to explore and conceptualise ideas to create a feasible and sustainable venture for the benefit of the community.



26-30 November 2012

21st Century International Arts Festival

UTP won 1 Gold with Honour Award, 1 Gold and 3 Silver Awards in the 21st Century International Arts Festival-Thousand Beats of Asia organised by 21st Century Cultural Arts Development Singapore, in Genting Highlands International Convention Centre. 40 members of UTP Chinese Orchestra participated in this festival. The festival was held with the following objectives :

- To promote arts, music and culture internationally;
- To inculcate appreciation of music and art;
- To provide a platform to showcase students' talent

5000 performers including professional and amateur groups from Malaysia, Singapore, China and Taiwan participated in four categories of performances namely dance, band, chinese orchestra and choir. Apart from the competition, the festival also organised other activities such as workshop, seminar, discussion and meeting for the participants to build and expand their network.



28-29 November 2012

Discover PETRONAS 2012

UTP collaborated with PETRONAS to organise Discover PETRONAS at the Plaza of Chancellor Complex. With the theme "Explore-Engage-Inspire", this inaugural event was organised with the following objectives:

- To realise PETRONAS' aspiration in becoming a regional education and learning hub for the oil and gas industry
- To create a platform for students and academics to connect with experts and professionals from the industry via exchanging of ideas and discussions on current issues faced by the oil and gas industry
- To prepare and equip students, in particular the final year, with the necessary skills towards graduation and later on, recruitment into the industry

In his officiating speech, Datuk Ir (Dr) Abdul Rahim, UTP Vice Chancellor remarked that this event is yet another milestone for UTP as it continues its journey to become a Research University and a university of choice globally.



1 December 2012

UTP Bhangra Group Wins the Artistry in Rhythm 2012 Dance Competition

15 members of UTP Bhangra Group (Gajjdi Awani) showcased their dancing talents and emerged victorious in the Artistry in Rhythm 2012 dance competition held at HELP College of Arts and Technology on 1 December 2012.

This national dance competition featured three main categories which were contemporary, modern and cultural dance. For the cultural category, it consisted of Malay, Chinese and Indian dance. With participation from 10 institutions of higher learning across Malaysia, the event was aimed to encourage and educate youths to appreciate various cultures through dance.

As the champion, UTP Bhangra Group (Gajjdi Awani) walked away with RM1500 and a trophy. UTP's Bhangra Group was established in 2000 with the purpose of promoting Bhangra, a type of Punjabi folk dance, to the public.



3-5 December 2012

UTP Hajj-G Team Won Awards at The International APICTA 2012

At the 2012 International APICTA, the Hajj-G team won the Merit Prize in the Best of E-Inclusion and E-Community category. The award was presented by His Royal Highness Prince Al-Muhtadee Billah ibni Sultan Haji Hassanal Bolkiah Mu'izzaddin Waddaulah, the Crown Prince of Brunei. The annual event was held at The Empire Hotel and Country Club, Brunei and saw the participation of 16 countries in the Asia Pacific region competing in 17 different categories.

Earlier, this team has won the 'Best of E-Inclusion and E-Community' at the MSC APICTA 2012. The award was presented on the 16 October 2012 by the Minister of Science, Technology and Innovation, YB Datuk Seri Panglima Datuk Maximus Johny Ongkili.

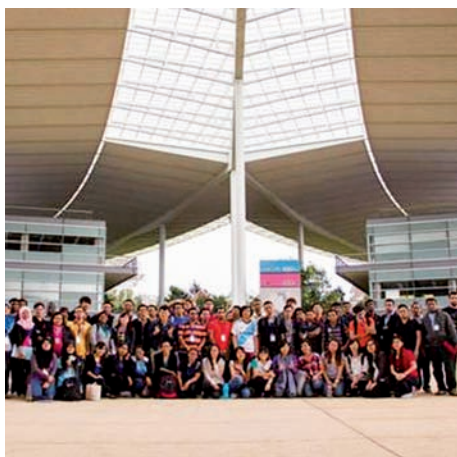


5-7 December 2012

Emerged Champion in the Dis. Rupt.Edu 2012

REAdroid Team of UTP walked away with RM7,000.00 of cash prizes, medal and certificate when they were announced as the Champion in the Dis.Rupt.Edu 2012. The team also won a paid trip to San Francisco, USA to compete in the 2013 TechCrunch Disrupt in San Francisco, America. REAdroid team was represented by Nur Intan Adhani Muhamd Nazri and Mohd Ihsan Alimi Mohd Filus who showcased their creativity and innovation with their winning project entitled Augmented Reality (AR) Advertisement on Android.

Dis.Rupt.Edu 2012 was held at SEGi University and organised by Anise Asia Cloud Sdn Bhd. It is based on TechCrunch Disrupt USA, one of the most anticipated technology conferences in the US. The two-day event is an initiative under the EduCloud program - a cloud-based infrastructure to promote applications and engagement strategies to enhance teaching, learning and research capabilities beyond the campus vicinity.



8-9 December 2012

Android Programming Short Course 2012

Centre for Students Internship, Mobility and Adjunct Lectureship (CSIMAL) and Department of Computer & Information Sciences (CIS) of Universiti Teknologi PETRONAS (UTP) recently collaborated with Universiti Tenaga Nasional (UNITEN) in organising a joint programme called the Credited Short Course Student Exchange Program in Android Programming. This course was held at CIS Programming Laboratories at Block 01, UTP on 8th and 9th December 2012.

In this two-day event, 80 participants which comprised 40 UTP and UNITEN undergraduates were exposed to the basic knowledge of mobile application development, particularly android programming. At the end of the course, they were required to complete a group mini project with members from both UTP and UNITEN. The course was coordinated by Dr. Low Tan Jung, a senior lecturer from UTP CIS Department.



14-16 December 2012

Emerged as the Overall Champion at the National Chemical Engineering Symposium (NACES) 2012

UTP emerged as the overall champion in the National Chemical Engineering Symposium (NACES) 2012 held at Universiti Kebangsaan Malaysia (UKM), Bangi from 14 to 16 December 2012.

NACES is an annual national level event participated by Chemical Engineering undergraduate students. For this year, 20 public and private higher learning institutions from both local and abroad, took part in the event, which included Universiti Sebelas Maret Indonesia; Curtin University of Technology Sarawak and Nottingham University Malaysian Campus.

With the theme "Climate Revolution, the Rise of the Earth", this symposium was held to expose future chemical engineers to hazardous environmental issues and served as a platform for them to come up with ideas to overcome these issues.



19 December 2012

Menggapai Impian 2012

In upholding the spirit of sharing and giving to those in need, UTP organised its corporate social responsibility (CSR) event "Menggapai Impian 2012". It was officiated by UTP Vice Chancellor, YBhg Datuk Ir (Dr) Abdul Rahim Hj Hashim.

In its sixth year, this annual event is held with the aim of enhancing the learning experience of the underprivileged children (primary and secondary students) so that they can enjoy a better learning environment and therefore excel in their academics.

Under this CSR, UTP staff volunteered to adopt and sponsor a minimum of one child. With RM120.00 worth of sponsorship, a child will be given basic school requirements such as stationery, schoolbags, uniforms and shoes as preparation for the new school term.



▶ Academic Overview

Academic Overview

Since the University's inception, it has strived to add value to its programme offering and academic content so that they are industry relevant. The following is a listing of the University's academic programmes for undergraduate and postgraduate including the seven new postgraduate programmes introduced this year.

Foundation Programmes

- Engineering
- Technology

Bachelor of Engineering (Honours)

- Chemical
- Civil
- Electrical and Electronic
- Mechanical
- Petroleum

Bachelor of Technology (Honours)

- Business Information Systems
- Information and Communication Technology
- Petroleum Geoscience

MSc by Coursework & Dissertation

- Process Integration
- Petroleum Engineering
- Petroleum Geoscience
- Advanced Process Control
- Electronic System Engineering
- Asset Management and Maintenance

PhD/MSc by Research

- Civil Engineering
- Chemical Engineering
- Electrical & Electronic Engineering
- Mechanical Engineering
- Petroleum Engineering
- Petroleum Geoscience
- Information Technology

New Programmes

Master Programme by Coursework & Dissertation

- MBA in Energy Management

Phd and Master Programmes by Research

- PhD/Master of Science
- PhD/MPhil in Management
- PhD/MPhil in Social Science and Humanities



▶ Research & Development

Exhibitions and Competitions
Consultancy Projects
Research Projects

Research & Development

In cultivating research and innovation culture amongst the academic fraternity, the University has actively participated in various exhibitions and competitions locally and abroad, and involved in various research and consultancy projects.

The following is a listing of the University's achievement in various R & D activities:

Exhibitions and Competitions

Malaysian Technology Expo (MTE) Exhibition 2012

Putra World Trade Centre (PWTC)

16 - 18 February 2012

No.	Project Leader	Invention Title	Medal
1.	Assoc Prof Dr Abd Rashid/M Syaifuddin	Compact In-Wheel Motor System for Retrofit Hybrid Electric and Electric Vehicles Applications	The Best Award
2.	Assoc Prof Dr Abd Rashid/M Syaifuddin	Compact In-Wheel Motor System for Retrofit Hybrid Electric and Electric Vehicles Applications	GOLD
3.	Prof Ir Dr Ahmad Fadzil Mohamad Hani	Computerised System For Monitoring and Scoring of Psoriasis Area and Severity Index (PASI)	GOLD
4.	Assoc Prof Dr Abd Rashid Abd Aziz	Time Resolved Velocity, Temperature and Concentration Mesurement Using Quntitative Schlieren Technique	SILVER
5.	Dr Wong Pen Wen	μ -WIT(-WAVE INTEFERENCE TERMINATOR)	SILVER
6.	Dr Wong Pen Wen	μ -DUMORE (μ -WAVE DUAL MODE RESONATOR)	SILVER
7.	Dr Wong Pen Wen	μ -TRIMORE(μ -WAVE TRIPLE MODE RESONATOR)	SILVER
8.	Assoc Prof Dr M Hasnain Isa	LoTDep-A Novel Low Temperature PAH Thermal Degradation Procedure	SILVER
9.	Assoc Prof Dr Hussain AL-Kayiem	Engine Overheat Re-Cooler	SILVER
10.	Assoc Prof Dr Fakhruldin M Hashim	Conceptual Design Support Tool for Subsea Systems	SILVER
11.	Dr Lau Kok Keong	HFM3P:Hollow Fiber Membrane Module Performance Prediction Program	SILVER
12.	Assoc Prof Dr Faiz Ahmad	Malaysia Mineral Based Intumescent Coating	SILVER
13.	Assoc Prof Dr Suzana Yusuf / Dr Murni Melati Ahmad	Integrated Steam Catalytic Adsorption Gasification System for Enriched Hydrogen Production from Oil Palm Wastes	SILVER
14.	Prof Ir Dr Ahmad Fadzil Mohamad Hani	Assessment of Chronic Ulcers Using Digital Imaging Technology	SILVER
15.	Assoc Prof Dr Hussain AL-Kayiem	Orthoptic Therapy Device	BRONZE

Research & Development – Exhibitions and Competitions

(continued)

Malaysian Technology Expo (MTE) Exhibition 2012

Putra World Trade Centre (PWTC), 16 – 18 February 2012

No.	Project Leader	Invention Title	Medal
16.	Mohd Syaifuddin	Portable Advanced Lighting Application Module (ALAM)	BRONZE
17.	Prof Ir Dr Mohd Fadhil Nuruddin	Novel Superplasticised GP Concrete	BRONZE
18.	Assoc Prof Dr Shamsul Rahman Kutty	GASIM-SHARK PROCESS A multi Stage Biological Reactor	BRONZE
19.	Assoc Prof Dr Faiz Ahmad	Nano Heat Sink Material for Electronic Industry	BRONZE
20.	Assoc Prof Dr Wan Fatimah Wan Ahmad	Spell It: Mobile Language Translation Game	BRONZE
			1 Best Award 2 GOLD 11 SILVER 6 BRONZE
		TOTAL	20 Awards

Invention, Innovation & Technology Exhibition (ITEX 2012)

Kuala Lumpur Convention Centre (KLCC)

17 – 19 May 2012

No.	Project Leader	Invention Title	Medal
1.	Prof Dr Norani Muti Mohamed	Micro-Nano Dye Solar Module	Best Green Invention Univ Category GOLD
2.	Hanita Daud	Bayesian Islamic Medication Expert System (B-Imes) Continuous Remote Patient Control and Monitoring System Rfid Enabled Fire Truck Navigation System and Hydrant Locator	Best Invention Ict Award GOLD GOLD
3.	Dr Wong Pen Wen	U-Wit (M-Wave Interference Terminator) U-Dumore (M-Wave Dual Mode Resonator) U-Trimore (M-Wave Triple Mode Resonator)	GOLD GOLD GOLD
4.	Assoc Prof Dr Wan Fatimah Wan Ahmad	Spell It (Mobile Language Translation Game) Mathquest Loc In 2 Dimensions-Li2d	GOLD GOLD GOLD
5.	Assoc Prof Dr Suzana Yusuf	Ica Gasification System Cardiixorb	GOLD GOLD

Research & Development – Exhibitions and Competitions

(continued)

Invention, Innovation & Technology Exhibition (ITEX 2012)

Kuala Lumpur Convention Centre (KLCC), 17 - 19 May 2012

No.	Project Leader	Invention Title	Medal
6.	Assoc Prof Dr Shamsul Rahman Mohamed Kutty	Multi Stage Biological Reactor - (Anairin Anwar Rk Process) Anairin Anwar (Ted Wastewater Treatment Reactor)	GOLD GOLD
7.	Assoc Prof Dr Fakhruddin M Hashim	Conceptual Design Support Tool Plant Diagnostic Tool	GOLD GOLD
8.	Prof Ir Dr Muhd Fadhil Nuruddin	Mirha-Ultra Fine Silica Rich Pozzolan Novel Superplasticised Gp Concrete (NSGPC)	GOLD GOLD
9.	Assoc Prof Dr Aamir Saeed Malik	Acne Vulgaris Grading System 3D Video Analytics Using Single 2D Camera	GOLD GOLD
10.	Assoc Prof Dr Dayang Rohaya Awang Rambli	Augmented Reality Advertisement on Android: An Innovative Marketing Approach Interactive Interface for Augmented Reality - Story Book	GOLD GOLD
11.	Assoc Prof Dr Hussain H Al-Kayiem	Ann-Bt (Hybrid Artificial Intelligent Code For Diagnosis of Boiler Trips) Co-Gen to Enhance Thermal Chimneys Performance	GOLD GOLD
12.	Assoc Prof Dr Mohamed Hasnain Isa	Lotdep (Low Temperature Thermal Degradation Procedure)	GOLD
13.	Dr Lau Kok Keong	Hfm3p: Hollow Fiber Membrane Module Performance Prediction Programme	GOLD
14.	Ainol Rahmah Shazi Shaarani	Mobile Hajj Checklist (Hajj-G)	GOLD
15.	Ir Dr Nursyarizal Mohd Nor	Green Electricity Generator (Gegen)	GOLD
16.	Mohd Syaifuddin Mohd	Alam Portable Eco Generator	GOLD
17.	Assoc Prof Dr Azmi Mohd Shariff	Safety Assessment System for Electrical Design and Operation (Sasedo)	GOLD
18.	Assoc Prof Dr Faiz Ahmad	Metal Injection Molded Heat Sink Nanocomposites for Thermal Management	SEVERSTAL RUSSIAN STEEL-SPECIAL AWARD GOLD
19.	Assoc Prof Dr Nasir Shafiq	Ductacrete (High Ductility Fiber Reinforced Concrete)	GOLD
20.	Assoc Prof Dr Mohamed Ibrahim Abdul Mutalib	Ciils - Rete Reinforced Tors Using Ionic Liquids	GOLD
21.	Assoc Prof Dr Cecilia Devi Wilfred	Hydra-Pils - Rete Ted Polymerized Ionic Liquids	GOLD

Research & Development – Exhibitions and Competitions

(continued)

Invention, Innovation & Technology Exhibition (ITEX 2012)

Kuala Lumpur Convention Centre (KLCC), 17 - 19 May 2012

No.	Project Leader	Invention Title	Medal
22.	Assoc Prof Dr Abdul Rashid Abdul Aziz	Free Piston Linear Generator	GOLD
23.	Assoc Prof Dr Abdul Rashid Abdul Aziz	The Tree Of Life - Rete Ural Wind Energy Electricity Generator	SILVER
		Time Resolved Velocity , Temperature and Concentration Measurement Using Quantitative Schlieren Method	SILVER
24.	Assoc Prof Dr Hussain H Al-Kayiem	Sehm Smart Engine Heat Manager Orthoptic Therapy Device	SILVER SILVER
25.	Prof Ir Dr Ahmad Fadzil Mohamad Hani	Ulcercare: Digital Imaging for Clinical Assessment of Healing in Chronic Ulcers	SILVER
26.	Assoc Prof Ir Dr M Shahir Liew	Joint Probabilities of Malaysian Seastate Environmental Load	SILVER
		Integrity of Metocean Data for Hind Cast and Measured	SILVER
27.	Assoc Prof Ir Dr Shaharin Anwar Sulaiman	Portable Hydroelectric Generator	SILVER
28.	Assoc Prof Dr Nasir Shafiq	Lubeplasticizer	SILVER
29.	Assoc Prof Dr Irraivan Elamvazuthi	E-Class	SILVER
30.	Assoc Prof Dr Azmi Mohd Shariff	Process Hazards Management System (Prohams) for Process Industries	SILVER
31.	Mohd Syaifuddin Mohd	In-Wheel Motor for Retrofit Hybrid and Electric Vehicles	SILVER
32.	Assoc Prof Dr Faiz Ahmad	Malaysia Mineral Based Intumescent Fire Retardant Coating	SILVER
33.	Assoc Prof Dr Faiz Ahmad	Metal Injection Molded Material for Dental and Bio Applications	BRONZE
34.	Rosmawati Mat Zain	Electro-Bump	BRONZE
			1 BEST GREEN INVENTION UNIV CATEGOTY AWARD 1 BEST ICT AWARD 1 BEST RUSSIAN STEEL AWARD
			35 GOLD 14 SILVER 2 BRONZE
		TOTAL	51 MEDALS 3 SPECIAL AWARDS

Research & Development – Exhibitions and Competitions

Invention and New Products Exposition (INPEX 2012)

Pittsburgh, Pennsylvania, USA

13 - 15 June 2012

No.	Project Leader	Invention Title	Medal
1.	Assoc Prof Dr Dayang Rohaya Awang Rambli	AR Advertisement on Android	Best Invention of the Pacific Rim AWARD GOLD Telecommunications
2.	Prof Ir Dr Mohd Fadhil Nuruddin	DUCTACRETE	GOLD Construction
3.	Prof Ir Dr Mohd Fadhil Nuruddin	MIRHA	GOLD Agriculture
4.	Assoc Prof Dr Shamsul Rahman Mohamed Kutty	Multi Stage Biological Reactor	GOLD Industrial Equipment
5.	Assoc Prof Dr Cecilia Devi Wilfred	Hydra Polymerized Ionic Liquid	GOLD Environment
6.	Assoc Prof Dr Wan Fatimah Wan Ahmad	MATHQUEST	GOLD Games
		TOTAL	6 GOLD 1 Best Invention of the Pacific Rim AWARD

Research & Development – Exhibitions and Competitions

British Invention Show (BIS)

London, United Kingdom

24 - 27 October 2012

No.	Project Leader	Invention Title	Medal
1.	Dr Wong Peng Wen	Miniaturized Stepped Impedance Triple Mode Resonator Filter	Gold Medal <i>Special Award</i> · Platinum Award · Diamond Award · Romanian Award
2.	Dr Wong Peng Wen	Electronically Reconfigurable Microwave Filter	Gold Medal <i>Special Award</i> Double Gold
3.	Assoc Prof Dr Faiz Ahmad	Green Fire Retardant Paint	Gold Medal <i>Special Award</i> Platinum Award
4.	Assoc Prof Dr Faiz Ahmad	316L Stainless Steel for Bio-Implant Application	Gold Medal <i>Special Award</i> Double Gold
5.	Dr Wong Peng Wen	Miniaturised Stepped Impedance Dual Mode Resonator Filter	Gold Medal
6.	Assoc Prof Dr Azmi Shariff	Safety Assessment System of Electrical Design & Operation	Gold Medal
7.	Assoc Prof Dr Azmi Shariff	Hollow Fiber Membrane Module Performance Prediction Programme	Gold Medal
8.	Hanita Daud	Bayesian Islamic Medication Expert System	Gold Medal
9.	Dr Wong Peng Wen	Novel Miniaturized Dual Mode Microwave Band Stop Filter with Pseudo Infinite Attenuation	Gold Medal
10.	Assoc Prof Dr Faiz Ahmad	Nano Heat Sink	Silver Medal
11.	Hanita Daud	Remote Patients Control & Monitoring System	Silver Medal
12.	Assoc Prof Dr Azmi Shariff	Process Hazard Management System	Silver Medal
13.	Assoc Prof Dr Fakhruddin Mohd Hashim	Plant Diagnostic Tool	Silver Medal
14.	Prof Ir Dr Ahmad Fadzil Mohd Hani	Alpha PASI	Silver Medal
15.	Prof Ir Dr Ahmad Fadzil Mohd Hani	Digital Image Analysis of Chronic Ulcers	Silver Medal
16.	Ir Dr Nursyarizal Mohd Nor	RFID Enabled truck Navigation System & Hydrant Locator	Silver Medal
17.	Ir Dr Nursyarizal Mohd Nor	A New Tracking & Rescuing Method	Silver Medal
18.	Assoc Prof Dr Fakhruddin Mohd Hashim	Conceptual Design Support Tool for Subsea Systems	Bronze Medal

Research & Development

Consultancy Projects

No.	Project Title	Client/Companies	Project Leader
1.	Mineralogy Analysis Services	TNB Research Sdn Bhd	Assoc Prof Dr Noor Asmawati Mohd Zabidi (Project Leader)
2.	SKG12 : Reliability Engineering, Level 3 Part 2	Institut Teknologi Petroleum PETRONAS (INSTEP)	Dr Masdi Muhammad (Project Leader), Dr Hilmi Hussin & Dr Ainul Akmar Mokhtar
3.	Managing Damage Due to Corrosion Under Insulation (CUI) Via Protective Coating	TNB Research Sdn Bhd	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
4.	Geophysics Lecture Series - Seismic Imaging Using Huygen & Velocities	PMU PETRONAS	Prof Dr Deva Prasad Ghosh (Project Leader)
5.	Acute Toxicity Study on Marine Life	PETRONAS Research Sdn Bhd	Dr Mohanad El-Harbawi (Project Leader) & Dr Moulay Rachid Babaa
6.	The Development of Key Performance Indicator (KPI) Framework For Digital Lifestyle Malaysia (DLM) Initiative	Suruhanjaya Komunikasi Dan Multimedia Malaysia (SKMM)	Assoc Prof Dr Halabi Hasbullah (Project Leader), Assoc Prof Dr Ahmad Kamil Mahmood, Dr Low Tan Jung, Dr Rohiza Ahmad, Dr Shuib Basri, Dr Rohani Salleh & Ainol Rahmah Shazi Shaarani
7.	Introduction to Computational Fluid Dynamics For Separation Processes	Open to public	Dr Lau Kok Keong (Project Leader)
8.	Development of Catalytic Steam Gasification with CO ₂ Sorbent With Hydrogen Production	Universiti Putra Malaysia	Assoc Prof Dr Suzana Yusuf (Project Leader)
9.	Development Of Ductile Self Compacting Concrete (DSSC) and Production Guidelines / Procedure	PETRONAS GTS	Prof Ir Dr M Fadhil Nuruddin (Project Leader), Associate Prof Dr Nasir Shafiq, Dr Mohd Faris Khamidi & Ibrisa Akbar
10.	Short Course in Equation of State	Petronas Research Sdn Bhd	Dr Khalik M Sabil (Project Leader) & Assoc Prof Dr Khashayar Nasrifar
11.	Reliability Engineering Training (Weibull & RDB Programme)	Malaysia LNG Sdn Bhd	Dr Masdi Muhammad (Project Leader) & Dr Hilmi Hussin
12.	MeOH analysis using GC	Platinum Biofuels Sdn Bhd	Assoc Prof Dr Suzana Yusuf (Project Leader)
13.	Risk Assessment Study for Lab Set-up (Autoclave Operations) - Quantitative Risk Assessment (QRA)	PETRONAS GTS	Dr Risza Rusli (Project Leader) & Assoc Prof Dr Azmi Mohd Shariff
14.	Seakeeping Test	UniKL MIMET	Assoc Prof Ahmad Mustafa Hashim (Project Leader)

Research & Development – Consultancy Projects

(continued)

No.	Project Title	Client/Companies	Project Leader
15.	Mineralogy Analysis Services	TNB Research Sdn Bhd	Assoc Prof Dr Othman Mamat (Project Leader)
16.	Short Course on Cryo-Ultramicrotomy	Open to public	Assoc Prof Dr Noor Asmawati Mohd Zabidi (Project Leader)
17.	SKG16 : Advanced Chemical Hazards and Risk Assessment	Institut Teknologi Petroleum PETRONAS (INSTEP)	Assoc Prof Dr Chandra Mohan (Project Leader), Dr Nurlidia Mansor, Assoc Prof Dr Ku Zilati Ku Shaari & Assoc Prof Dr Mohannad Talib Shuker
18.	Short Course for Engineers on Corrosion Measurement Techniques	Open to public	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
19.	Trnsys Modeling Training	Politeknik Ungku Omar	Assoc Prof Ir Dr Shaharin Anwar Sulaiman (Project Leader), Assoc Prof Ir Dr Mohd Amin Abd Majid, Dr Edward Halawa, Assoc Prof Dr Syed Ihtsham Ul-Haq Gilani & Dr Khairul Habib
20.	Short Course on Electron Diffraction and EELS for HRTEM	Open to public	Assoc Prof Dr Noor Asmawati Mohd Zabidi (Project Leader)
21.	Superheater Tube Numerical Modeling and Simulation as 2-D and 3-D stress analysis at the connection port of the header	PETRONAS GTS	Assoc Prof Dr Hussain Hammud Al-Kayiem (Project Leader)
22.	Consultancy on Testing For Effectiveness of Antifoulants in the Hot Preheat Train of PSR-2 at PP(M)SB	Petronas Penapisan (Melaka) Sdn Bhd	Assoc Prof Dr Marappagounder Ramasamy (Project Leader)
23.	SKG12.3 Asset Life Cycle Cost, Level 3	Institut Teknologi Petroleum PETRONAS (INSTEP)	Assoc Prof Ir Dr Mohd Amin Abd Majid (Project Leader) & Masdi Muhammad and Dr Ainul Akmar Mokhtar
24.	Failure Analysis of CamfilFarr Air Filter Backing Wires	Camfil Farr (M) SB	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
25.	A Feasability Study On The Balong Oil Palm Mill Energy Utilization and Recovery	Malaysia - Kuwaiti Investment Company Sdn Bhd	Dr Suhaimi Hassan (Project Leader), Ir Dr Mohd Shiraz Aris & Mohd Faizairi Mohd Nor
26.	Assistance & Presentation of a Conference Paper at ICPER 2012	Politeknik Ungku Omar	Assoc Prof Ir Dr Shaharin Anwar Sulaiman (Project Leader)
27.	Scratch Test & SEM	Universiti Teknikal Malaysia Melaka	Assoc Prof Dr Othman Mamat (Project Leader)

Research & Development – Consultancy Projects

(continued)

No.	Project Title	Client/Companies	Project Leader
28.	SKG16.6 : Advanced Gas Chromatography, Level 3	Institut Teknologi Petroleum PETRONAS (INSTEP)	Assoc Prof Dr Chandra Mohan (Project Leader)
29.	A Short Course on Particle & Powder Processing	Open to public	Dr Nejatollah Rahmanian (Project Leader)
30.	Development of Reliability, Availability, Maintainability (RAM) Model	PETRONAS Gas Berhad	Dr Masdi Muhd (Project Leader)
31.	TPCP Assessment July-Aug 2012	PETRONAS	Prof Dr Deva Ghosh (Project Leader)
32.	The Effect of Ground Vibration Due to Blasting Onto the Neighbouring Structures and Services of Lafarge Cement Quarry	Lafarge Cement	Prof Ir Dr Muhd Fadhil Nuruddin (Project Leader)
33.	Validation of Supercorp V1 Using Multiphase Flow Loop	PETRONAS Research Sdn Bhd	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
34.	An Assessment Study on Green IT Related R&D Activities and Set-up in Malaysia	Hitachi Asia (M) Sdn Bhd	Prof Dr Alan Oxley (Project Leader)
35.	PCSB-SKO Crude CI Performance Test (RTS/20120819/005786)	PETRONAS GTS	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
36.	PCSB-SKO D12 to D35 up in impact - Chemical Qualification and Selection	PETRONAS GTS	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
37.	Thin Section And XRD Interpretation of The ANGSI 1-35 And I-68 Samples	PETRONAS Research Sdn Bhd	Assoc Prof Dr Eswaran Padmanabhan (Project Leader)
38.	Research Approach for Energy/District Cooling/Air-Conditioning Projects	Politeknik Ungku Omar	Assoc Prof Ir Dr M Amin Abd Majid (Project Leader), Assoc Prof Ir Dr Shaharin Anwar Sulaiman, Ir Dr Mohd Shiraz Aris, Assoc Prof Dr Zainal Ambri Abd Karim, Assoc Prof Dr Syed Ihtsham Gilani & Dr Khairul Habib
39.	SKG16: Advance Atomic Absorption	Institut Teknologi Petroleum PETRONAS (INSTEP)	Assoc Prof Dr Chandra Mohan (Project Leader)
40.	Consultation work on marketing for PETRONAS station dealers in Northern Region	PETRONAS Dagangan Berhad	Am Zairi Amar (Project Leader)
41.	Short Course on Imaging for Biomedical Applications	Open to public	Prof Ir Dr Ahmad Fadzil Mohamad Hani (Project Leader)

Research & Development – Consultancy Projects

(continued)

No.	Project Title	Client/Companies	Project Leader
42.	Project Management Programme	Institut Teknologi Petroleum PETRONAS (INSTEP)	Ir Dr Mohd Shiraz Aris (Project Leader)
43.	Analysis Of Wood by using Pyrolyzer GCMS	Universiti Kebangsaan Malaysia	Assoc Prof Dr Noor Asmawati Mohd Zabidi (Project Leader)
44.	Seminar on the Challenges in Carbon Capture & Storage (CCS) And Safety Handling	Open to public	Prof Dr Azmi M Shariff (Project Leader)
45.	BET Testing : Surface Area Analyzer	Pusat Penyelidikan Mineral	Assoc Prof Dr Noor Asmawati Mohd Zabidi (Project Leader)
46.	Short Course for Engineer on Corrosion Techniques	Open to public	Assoc Prof Ir Dr Mokhtar Che Ismail (Project Leader)
47.	Plant-Wide Audit Project (PEAP) Phase 2	PETRONAS Ammonia Sdn Bhd	Assoc Prof Dr M Ramasamy (Project Leader), Assoc Prof Dr Shuhaimi Mahadzir, Dr Rajashekhar Pendyala, Dr Lemma Dendena Tufa, Assoc Prof Dr Zainal Ambri A Karim, Dr Aklilu Tesfamichael Baheta & Assoc Prof Dr Syed Ihtsham Gilani
48.	Investigations on Phase Behaviour and Kinetics of Hydrate Inhibitors and the Effects of Presence of Foreign Particles on Hydrate Formation Conditions	Baker Hughes (M) Sdn Bhd	Dr Khalik M Sabil (Project Leader)
49.	Computational Fluid Dynamics (CFD) Simulations	Platinum Energy Sdn Bhd	Dr Lau Kok Keong (Project Leader)
50.	Pour Point Test of Crude Oil Using Rotational Method	PETRONAS Carigali Sdn Bhd	Mazuin Jasamai (Project Leader)
51.	Proposal to Perform Sample Handling, Third Party Services and Shipment To Commercial Laboratory for Analysis	PETRONAS Carigali Sdn Bhd	Mohd Hatta Amran (Project Leader)
52.	Medical Image Processing For Computational Fluid Dynamics And Finite Element Analysis	Open to public	Assoc Prof Dr Irraivan Elamvazuthi (Project Leader)

Research & Development – Consultancy Projects

(continued)

No.	Project Title	Client/Companies	Project Leader
53.	The Fundamental of Subspace - based Techniques with Application Workshop on Digital Image Processing and its Applications in Signal and Image Processing	Open to public	Assoc Prof Dr Nidal Kamel (Project Leader)
54.	Workshop on Digital Image Processing and its Applications	Open to public	Assoc Prof Dr Aamir Saeed Malik (Project Leader)
55.	Reliability, Availability & Maintainability (RAM) Study for Air Separation Unit 2 (ASU2) in PGB-CUF, Kerteh	PETRONAS GTS	Dr Masdi Muhammad (Project Leader)
56.	SKG13: Power System Studies Course	Institut Teknologi Petroleum PETRONAS (INSTEP)	Ir Mohd Faris Abdullah (Project Leader)
57.	Strategic and Comprehensive Study for Community Development Project, Republic of South Sudan		Prof Dr Mohammed Halib (Project Leader)
58.	Analysing Salt Concentration for Sea Water Samples	O.Y.L Research & Development Centre Sdn. Bhd	Dr Amirhossein Malakahmad (Project Leader)
59.	MRR2 research consultancy for the first phase with JKR	Hitachi Asia (M) Sdn Bhd	Assoc Prof Ir Dr Mohd Shahir Liew (Project Leader)
60.	Workshop On Preparation For Data Collection And Manipulation On Indoor Air Quality Air Conditioning Studies Chiller Efficiency And Human Comfort	Politeknik Ungku Omar	Assoc Prof Ir Dr Shaharin Anwar Sulaiman (Project Leader)
61.	Green Computing	Hitachi Asia (M) Sdn Bhd	Prof Alan Oxley (Project Leader)

Research & Development

Research Projects

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
1.	A New Multi-Resolution Analysis Technique for Automatic Lung Parenchyma Segmentation	16/4/2012	16/4/2014	Assoc Prof Dr Ibrahima Faye	FRGS
2.	A New Venture into Design and Fabrication of a Novel High Pressure and High Temperature Surface pH Sensor for a Real-Time Corrosion Monitoring	6/1/2012	6/1/2014	Assoc Prof Ir Dr Mokhtar Che Ismail	ERGS
3.	A Novel Algorithm for Alerting Motorcycles Approaching to Avoid Traffic Accidents in Malaysia	15/03/2012	15/03/2014	Assoc Prof Dr Likun Xia	Science Fund
4.	A Novel Co-Operative Routing Algorithm for Congestion Control in Networks	16/4/2012	16/4/2014	Dr Nasreen Badruddin	FRGS
5.	A One Step Process to Convert Lignocellulosic Biomass to Levulinic Acid Using Specific Task Ionic Liquids	6/1/2012	6/1/2014	Assoc Prof Dr Zakaria Man	ERGS
6.	A Study of Customised Mobile Learning Management System Development and Implementation for Secondary Schools in Malaysia	6/1/2012	6/1/2014	Assoc Prof Dr Wan Fatimah Wan Ahmad	ERGS
7.	A Study of Quantifying Asphaltene Precipitation in Oil Reservoir by Mathematical Modeling	16/4/2012	16/4/2014	Assoc Prof Dr Josefina Barnachea Janier	FRGS
8.	Agreement between the Embassy of France in Malaysia & ITPSB in pursuant to the Agreement on Technical Cooperation between the Government of France and the Government of Malaysia	11/14/2012	11/14/2013	Assoc Prof Dr Mohamad Naufal Mohamad Saad	Ambassade de France En Malaise
9.	An Exploratory Investigation to Determine the Applicability of Haptic Experience of Traditional Foot Reflexology to the Virtual Reality Stress Therapy	6/1/2012	6/1/2014	Dr Suziah Sulaiman	ERGS

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
10.	An Integrated Sedimentological, Biofacies, Ichnological and Sequence Stratigraphic Studies of the West Crocker Formation (Oligocene-Early Miocene), Kota Kinabalu Area, Sabah and Sedimentology and Reservoir Characterization of the Kudat Formations (Oligocene - Early Miocene), Sabah	11/1/2012	30/11/2012	Assoc Prof Dr A Hadi A Rahman	Energy Quest Sdn Bhd
11.	An Investigation of Sludge Waste Immobilization through Carbon Phase Change	16/4/2012	16/4/2014	Dr Asna Mohd Zain	FRGS
12.	An Investigation Study on the Contributing Factors to the Academic Achievement in Perak	7/1/2012	7/1/2014	Assoc Prof Dr Shahrina Mohd Nordin	Institut Darul Ridzuan
13.	Breast Cancer Detection in Digital Mammograms Using Multiresolution Representations	15/03/2012	15/03/2014	Assoc Prof Dr Ibrahima Faye	Science Fund
14.	British Discourses on Malay Identity: A Study of the English Language Press from 1805 to 1946	16/4/2012	16/4/2014	Prof Dr A Murad M Noor Merican	FRGS
15.	Closed-Loop Identification of Subsystem Interactions in Distributed Model Predictive Control Systems	6/1/2012	6/1/2014	Assoc Prof Dr Marappagounder Ramasamy	ERGS
16.	Cloud Computing Test Bed Framework	9/1/2012	9/1/2014	Assoc Prof Dr Mohamad Naufal Mohamad Saad	Universite de Bourgogne
17.	Co-Gasification of Different Lignocellulosic Biomasses in a Gasifier for Off-Grid Power Generation in Rural Areas of Plantations	6/1/2012	6/1/2014	Assoc Prof Ir Dr Shaharin Anwar Sulaiman	ERGS
18.	CO ₂ Capture Using an Amino-Polymeric Membrane	15/05/2012	15/05/2014	Dr Nejatollah Rahmanian	Science Fund
19.	Continuous Remote Patients Monitoring System Using RFID Technology	27/12/2012	27/12/2014	Hanita Daud	PRGS

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
20.	Conversion of Waste Polyethylene and Lignocellulosic Materials to Syngas Using Catalytic Steam Gasification Process	15/03/2012	15/03/2014	Assoc Prof Dr Suzana Yusup	Petroleum Institute of Abu Dhabi
21.	Developing a Structural Equation Model for Acceptance of Green Product/ Technology in Malaysian Fertilizer Industry: Establishing Causal Relationship Between Stakeholder Communications, Demand Factors and Consumers' Choice	16/4/2012	16/4/2014	Assoc Prof Dr Shahrina Mohd Nordin	FRGS
22.	Development and Fabrication of a Compact Subsea Gas Separation Prototype	7/2/2012	7/2/2014	Assoc Prof Dr Fakhruddin Mohd Hashim	PRGS
23.	Development of a Clinical Decision Support System for Non-Invasive Early Detection of In-Vivo Knee Osteoarthritis Using Quantitative Magnetic Resonance Imaging (MRI)	1/5/2012	1/5/2014	Prof Ir Dr Ahmad Fadzil Mohamad Hani	Science Fund
24.	Development of a Human Skin Pigmentation Analysis Tool for Clinical and Aesthetic	27/12/2012	27/12/2014	Prof Ir Dr Ahmad Fadzil Mohamad Hani	PRGS
25.	Development of a Pre-Commercialization Prototype Free-Piston Linear Generator Working on the Principle of Expansion of Gas from High-Pressure Deep Water Gas Reservoir	7/2/2012	7/2/2014	Assoc Prof Dr Abdul Rashid Abd Aziz	PRGS
26.	Development of a Single-Chip Platform for In-Situ Debug and Diagnosis of On-Board Integrated Circuits	15/03/2012	15/03/2014	Assoc Prof Dr Fawnizu Azmadi Hussin	Science Fund
27.	Development of Bulk CO ₂ Separation System Using Supersonic Gas Separation Technology	21/05/2012	21/05/2014	Dr Lau Kok Keong	PRF

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
28.	Development of CMOS-MEMS Cantilever Based Micro-Sensor for Capnometry	6/1/2012	6/1/2014	Assoc Prof Dr Nor Hisham Hamid	ERGS
29.	Development of Methods for Automatic Segmentation of Lung Images	6/15/2012	6/15/2013	Assoc Prof Dr Ibrahima Faye	Hail University, Saudi Arabia
30.	Development of Novel Copper Nanoparticles Supported on Carboxylic Acid Functionalized Siliceous SBA-15 (cu/SBA-15) for Direct Hydrogenation of Carbon Dioxide to Methanol	6/1/2012	6/1/2014	Dr Maizatul Shima Shaharun	ERGS
31.	Development of Prototype of Mineral Based Intumescent Fire Retardant Coating for Fire Protection of Structures	7/2/2012	7/2/2014	Assoc Prof Dr Faiz Ahmad	PRGS
32.	Dura Technology Research Grant Award on MIRHA	5/1/2012	5/1/2014	Prof Ir Dr Muhd Fadhil Nuruddin	Dura Technology Sdn Bhd
33.	Eco Design Strategy for Green Supply Chain Drivers and Its Relationship to Performance Outcomes in Asian Developing Countries	10/1/2012	10/1/2014	Assoc Prof Dr P D Durai Dominic	Ministry of Human Resources Development, India through National Institute of Technology Tiruchirappalli
34.	Effectiveness of Zakah as Business Capital: A Study on Asnaf Al-Fakir and Al-Miskin in Perak	8/1/2012	8/1/2014	Dr Muhammad Pisol Mohd @ Mat Isa	Majlis Agama Islam Perak
35.	Electrochemical Pre-Treatment to Enhance Dewaterability and Digestability of Municipal Waste Activated Sludge	6/1/2012	6/1/2014	Assoc Prof Dr Mohamed Hasnain Isa	ERGS
36.	Elucidating Physical and Chemical Interactions of CO ₂ -Alkanolamine System Using Raman Spectroscopy	16/4/2012	15/05/2014	Ir Dr Abdul Halim Shah Maulud	FRGS
37.	Exploring Animal Behaviour for Self-Healing Routing Protocols in Wireless Sensor Network	6/1/2012	6/1/2014	Dr Low Tan Jung	ERGS

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
38.	Exploring Economic Feasibility and Route Optimization Models for an Integrated Feeder Bus System (FBS) for Electric Train Services (ETS) in Perak	6/1/2012	6/1/2014	Dr Lai Fong Woon	ERGS
39.	Exploring Improvements in EDM Machining of Tool Steels by Mixing Chromium and Vanadium Powders in Dielectric	6/1/2012	6/1/2014	Assoc Prof Dr Ahmad Majdi Abdul Rani	ERGS
40.	Fatty Acid Alkyl Esters from Ceiba Pentandra, Using the Microwave Assisted Technique	6/1/2012	6/1/2014	Assoc Prof Dr Suzana Yusup	ERGS
41.	Fundamental Restructuring of the Fungler Heat Balance Equation Towards the Creation of a University Model of Thermal Comfort	16/4/2012	16/4/2014	Dr Edward Halawa	FRGS
42.	Fundamental Solutions of the Unsteady Magnetohydrodynamic Natural Convection Flow Along an Infinite Vertical Plate for Various Physical Conditions	16/4/2012	16/4/2014	Dr Marneni Narahari	FRGS
43.	Gate Error Probability Model Validation for Nanoscale Circuit Reliability Measurement	16/4/2012	16/4/2014	Assoc Prof Dr Nor Hisham Hamid	FRGS
44.	Green Intumescent Fire Protective Coating for Structural Approach	6/1/2012	6/1/2014	Assoc Prof Dr Faiz Ahmad	ERGS
45.	Greener Approach for CO ₂ Separation from Fuel and Fuel Gases through CO ₂ Hydrate Formation on Wetted Porous Materials	6/1/2012	6/1/2014	Dr Khalik Mohd Sabil	ERGS
46.	Human Capital Issues and Challenges in the Manufacturing Sector in Perak	7/1/2012	7/1/2014	Dr Rohani Salleh	Institut Darul Ridzuan
47.	Innovation of the Calculation Model for Zakat on Salary and Professional Income	16/4/2012	16/4/2014	Dr Muhammad Pisol Mohd @ Mat Isa	FRGS

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
48.	Integration of Intelligent Algorithms in Thermal Energy Systems for Enhancing Efficiency and Performance	6/1/2012	6/1/2014	Pandian Muniandi Vasant	ERGS
49.	Intelligent Diagnostic Condition Monitoring of AC Motors via Vector Approach	6/1/2012	6/1/2014	Assoc Prof Dr Nordin Saad	ERGS
50.	Intelligent Tutoring System Framework for Cognitive Skills Tutoring in Pre-School Children	6/1/2012	6/1/2014	Khairul Shafee Kalid	ERGS
51.	Investigation of Energy Management Strategies in a Retrofit Hybrid Electric Vehicle with In-Wheel Motors	6/1/2012	6/1/2014	Assoc Prof Dr Abdul Rashid Abd Aziz	ERGS
52.	Investigation of the Kinetics of Carbon Dioxide Adsorption on Amine Functionalised MCM-41	16/4/2012	16/4/2014	Assoc Prof Dr Anita Ramli	FRGS
53.	Investigations on Phase Behavior and Kinetics of Hydrate Formation and Dissociation with Low Dosage Hydrate Inhibitors and the Effects of the Presence of Foreign Particles on Hydrate Formation Conditions	15/03/2012	15/03/2014	Dr Khalik Mohd Sabil	Baker Hughes
54.	Kinetic of Hydrate Formation: Flow Assurance and CO ₂ Separation	21/05/2012	21/05/2014	Dr Khalik Mohd Sabil	PRF
55.	Modeling a Novel RF-MEMS Based Tunable Filters	16/4/2012	16/4/2014	Dr Zuhairi Hj Baharudin	FRGS
56.	Nano Scale Metal and Oxide Catalysts for Production of Biomass Derived Hydrogen	1/2/2012	1/2/2014	Assoc Prof Dr Suzana Yusup	NanoFund
57.	Neural Circuit Modeling for Pathophysiology of Major Depressive Disorder (MDD)	16/4/2012	16/4/2014	Dr Likun Xia	FRGS
58.	Number Skills Conceptual Framework of Educator Packet for Down Syndrome	16/4/2012	16/4/2014	Dr A'fza Shafie	FRGS

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
59.	Optimization of Hydrogen Production Using Tandem Solar Cell Configuration	6/1/2012	6/1/2014	Prof Dr Norani Muti Mohamed	ERGS
60.	Polymer-Based Surface Acoustic Wave (SAW) Sensor for Monitoring Corrosion under Insulation (CUI)	6/1/2012	6/1/2014	Dr Zainal Arif Burhanudin	ERGS
61.	Relationship between the Electrical and Magnetic Properties of Saturated Porous Rocks Content & Nanoparticles for application to Improve Wireline Logging Measurements of Low Resisting Formations	6/1/2012	1/5/2014	Prof Dr Mariyamni Awang	Science Fund
62.	Removal of Sulphur from Diesel Using Ionic Liquids	16/4/2012	15/03/2014	Assoc Prof Dr Mohd Ibrahim Abd Mutalib	PRF
63.	Scale-Up of Poly Ionic Liquids (PILs) for Carbon Dioxide Removal	16/4/2012	7/2/2014	Assoc Prof Dr Cecilia Devi Wilfred	PRGS
64.	Securing the Participation-Collaboration Pattern in Web 2.0 Public Service Application	16/4/2012	6/1/2014	Prof Dr Alan Oxley	ERGS
65.	Service Level Agreement Renegotiation in Medical Cloud Database	6/1/2012	6/1/2014	Prof Ir Dr Ahmad Fadzil Mohamad Hani	ERGS
66.	Solvent-Solute Interactions in Aromatics Extraction by Ionic Liquids	6/1/2012	6/1/2014	Assoc Prof Dr Mohd Azmi Bustam @ Khalil	ERGS
67.	Statistical Noise Modeling for Reliable Nano-Circuits and Systems (nanoCAS)	7/1/2012	12/3/2014	Assoc Prof Dr Tang Tong Boon	Science Fund
68.	Synthesis and Characterization of Cobalt-Manganese Bimetallic Nanocatalyst for Fischer-Tropsch Reaction	7/1/2012	16/4/2014	Assoc Prof Dr Noor Asmawati Mohd Zabidi	FRGS
69.	Synthesis and Characterization of Novel Ionic Liquids for Toxic Metal Ions Extraction	16/4/2012	16/4/2014	Mohd Faisal Taha	FRGS
70.	The “Keling” in Malay Discourses: A Study of Natives in Selected Classical Malay Prose Epics	6/1/2012	6/1/2014	Abd Ur-Rahman Mohamed Amin	ERGS

Research & Development – Research Projects

(continued)

No.	Research Title	Start Date	End Date	Principal Investigator	Funding Sources
71.	The Evolutionary Development of Species Gradient and Hybridization in Indo-Pacific Deep Water Crinoid Populations	14/10/2012	11/1/2013	Dr Aaron William Hunter	The National Evolutionary Synthesis Centre, USA
72.	Thermal Analysis of Oxy-Acetylene Gas Welding as Low Cost and Efficient Heating Mechanism for Thermally Assisted Machining (TAM) of Hard Materials	16/4/2012	16/4/2014	Dr Hasan Fawad	FRGS
73.	Thermodynamics of Phase and Chemical Equilibria in Transesterification of Triolein to Methyl Oleate	16/4/2012	16/4/2014	Assoc Prof Dr Ye Lwin	FRGS
74.	Towards Effective Sequestration of Carbon Dioxide on Malaysian Coal Seams - Investigation of Capacity & Related Attributes	15/05/2012	15/05/2014	Dr Usama Mohamed Nour El Demerdash	Science Fund
75.	Way forward for Science-Social Science Integration Towards Transdisciplinary Academic Leader	1/11/2012	1/4/2013	Dr M Faris Khamidi	AKEPT MOHE
76.	Wireless Communication over Evaporation DUCT (WiDuct)	11/1/2012	11/1/2014	Assoc Prof Dr Varun Jeoti	PCSB
77.	3D Mapping	9/1/2012	9/1/2014	Assoc Prof Dr Aamir Saeed Malik	Universite de Bourgogne
78.	3D Tracking Prototype Using Single 2D Camera	7/2/2012	7/2/2014	Assoc Prof Dr Aamir Saeed Malik	PRGS



▶ Student Achievements and Activities

Student Achievements
Student Activities

Student Achievements and Activities

The University's mission of producing well rounded graduates who are creative and innovative with the potential to become leaders of industry and the nation is realised through a variety of Student Development Programmes and Co-Curricular Activities. The following is the listing of Students Achievements and Activities that promote our students' versatility and well-roundedness:

Student Achievements

No.	Activities	Date	Venue	Organiser/Host	Achievement
1.	IIUM Open Taekwondo WTF 2012	2 - 6 Feb 2012	International Islamic University Malaysia, Gombak	International Islamic University Malaysia	3 Golds, 2 Silvers & 5 Bronzes
2.	MASUM Football Carnival	8 - 12 Feb 2012	Universiti Tenaga Nasional, Bangi	MASISWA & Universiti Tenaga Nasional	3rd in The North Zone Group, UTP qualified to play in the North Zone IPT League 2012
3.	Karnival Wajadiri IPT PSSCM 1 Malaysia Kali Ke-5	10 - 11 Feb 2012	Dewan Canselor Tun Abdul Razak UKM	Persatuan Seni Silat Cekak Malaysia	<ul style="list-style-type: none"> • Champion (Gold Medal) for Overall Male Team • 3 Gold Medals • 1st Runner Up (Silver Medal) for Overall Female Team
4.	Southeast Asian English Olympics (SEO) 2012	13 - 17 Feb 2012	Binus University, Jakarta, Indonesia	Binus Nusantara English Club, Binus University	First Runner Up Overall among 94 institutions <ul style="list-style-type: none"> • 3rd Place - Speech Category • Best Humorous Speech Category • 3rd Place - Short Movie Making • Best on the Spot Video Category
5.	2012 Future Petroleum Engineers Forum, Petrobowl Competition, Beijing	13 - 17 Feb 2012	China University of Petroleum, Beijing	China University of Petroleum (Beijing) & CUPB SPE Student Chapter	First Runner Up in the Petrobowl competition
6.	Kejohanan Taekwondo Pemilihan Pasukan IPT Malaysia	16 - 19 Feb 2012	Stadium Tertutup Nilai, Nilai, Negeri Sembilan	Universiti Malaysia Sabah	1 Gold, 1 Silver and 7 Bronzes
7.	Asia Pacific Oil And Gas Intellectual Parade (OGIP) 2012	29 Feb - 3 Mar 2012	Universitas Pembangunan Nasional Veteran, Yogyakarta, Indonesia	Students Organization Unit of Petroleum Engineering Department UPN "Veteran" Yogyakarta in cooperation with SPE-SC UPN "Veteran" Yogyakarta, SM-IATMI UPN "Veteran" Yogyakarta	Champion in Student Paper Competition - Won by Mr. Irshad Fajar, Petroleum Engineering

Student Achievements

(continued)

No.	Activities	Date	Venue	Organiser/Host	Achievement
8.	Ipoh City Hockey League 2012	2 - 18 Apr 2012	Ipoh Hockey Stadium	Ipoh City Hockey Club	Second Runner Up for Second Division
9.	Shell Interschool Student Paper Contest 2012 (S-SPEC 2012)	17 - 18 May 2012	UTP	Society of Petroleum Engineers Universiti Teknologi PETRONAS (SPE-UTP-SC)	1st Runner Up, "Cutting Transport Characterisation of Drilling Fluid through Horizontal Eccentric Wellbore".
10.	MSC Malaysia Institution of Higher Learning Business Plan Competition (MIBPC) 2011/20	25 May 2012	Le Meridien Kuala Lumpur	Multimedia Development Corporation (MDeC)	Champion
11.	ACM-ICPC Malaysia National Programming Contest 2012 (al-Khawarizmi-12)	25 May 2012	Universiti Teknologi MARA, Shah Alam	IBM	Champion
12.	Debat Muhibbah 2012	25 - 28 May 2012	National University of Singapore	Singapore Malay Youth Literary Association	<u>Champion:</u> • Syed Syafiq Al Hafiz bin Syed Senu (Foundation, Petroleum Engineering) <u>Best Speaker:</u> • Muhamad Norillyas bin Hussin (Second Year, Chemical Engineering)
13.	National Mathematical Modeling Competition	25 Jun 2012	Online Competition	Universiti Teknologi MARA	First Runner Up
14.	KPT - UMP Sungai Pahang Kayak Challenge 2012	25 - 30 Jun 2012	Sungai Pahang, Pahang	Universiti Malaysia Pahang	4th Placing
15.	Super Dancers 2012	4 - 5 Aug 2012	East Coast Mall, Kuantan, Pahang	Capital Malls Asia	Second Runner Up
16.	Short and Sweet 2012 (Biggest short play festival in the world)	12 - 15 Sep 2012	Auditorium, Performing Arts Centre of Penang (PenangPAC)	Performing Arts Centre of Penang (PenangPAC)	• Best Director - Dr. Shamsul Rahman Kutty • Best Glitz & Glamour - Tronoh Theatre Shop Production • Festival Director Award - Timmy Ong
17.	International Students Sports Carnival 2012	21 - 23 Sep 2012	Universiti Tenaga Nasional	Ministry of Higher Education & Universiti Tenaga Nasional	Overall Champion (6 Golds, 6 Silvers & 1 Bronze)
18.	Festival Tari (FESTARI 2012) Perak State	22 - Sep 2012	Auditorium Kompleks Jabatan Kebudayaan dan Kesenian Negara negeri Perak	Jabatan Kebudayaan dan Kesenian Negara Perak and Persatuan Permainan Tradisional Serantau (PEWARIS)	• Champion • Best Costume Award

Student Achievements

(continued)

No.	Activities	Date	Venue	Organiser/Host	Achievement
19.	10th Cheonan World Dance Festival, South Korea	1 - 9 Oct 2012	Cheonan Samgeori Park, Cheonan City and Seoul, South Korea	Cheonan-si Cheonan Culture Enhancement Committee and supported by Ministry of Culture, Sports and Tourism South Korea	<ul style="list-style-type: none"> • Best Dancer Contest Award • Bronze Award for Street Parade Dance • Best Folk Dance Award
20.	Kejohanan Ragbi 10'S Piala Naib Canselor UPNM Ke-3	12 - 14 Oct 2012	Universiti Pertahanan Nasional Malaysia	Universiti Pertahanan Nasional Malaysia	Runner Up Plate
21.	International Students Cultural Festival 2012	20 Oct 2012	President Hall, Nilai University College, Negeri Sembilan	Ministry of Higher Education Malaysia and Nilai University College, Negeri Sembilan	2nd Runner Up
22.	Sukipt Rowing & Inter Varsity Boat Race 2012	13 - 21 Oct 2012	Tasik Putrajaya, Putrajaya	Ministry of Higher Education Malaysia & Universiti Teknologi Malaysia	4th Placing
23.	21st Century International Arts Festival 2012 - Thousand Beats of Asia	26 - 30 Nov 2012	Genting Highlands International Convention Centre	21st Century Cultural Arts Development Singapore	<ul style="list-style-type: none"> • Gold With Honour Award - Lao Shut Qu Qing (Mouse Marriage) • Gold Award - Libertango • Silver Award - Supermario • Silver Award - Sai Ma (Horse Racing) • Silver Award - Lin Zhong Ye Hui (Forest Gathering at Night)
24.	Kejohanan Sukan Institusi Pengajian Tinggi Malaysia 2012 (SUKIPT 2012)	28 Oct - 11 Nov 2012	Klang Valley	Ministry of Higher Education Malaysia	29th placing from 101 Institutions of Higher Learning (1 Gold, 3 Silvers & 2 Bronzes)
25.	Festival Monodrama	28 Nov - 1 Dec 2012	Auditorium Universiti Sains Malaysia	Universiti Sains Malaysia and Dewan Bahasa & Pustaka	<u>Script Competition</u> <ul style="list-style-type: none"> • Second Place : Aku Bukan Teroris by Dr Shark • Consolation Prize : Pondok Nyai Temah by Dr Shark <u>Performance</u> <ul style="list-style-type: none"> • Winner : Pondok Nyai Temah
26.	The Artistry In Rhythms 2012	1 Dec 2012	Kompleks Metro Pudu, Auditorium HELP CAT	MIOS, Dance and Centre of Performing Arts of HELP College Of Arts and Technology	Champion
27.	National Dis.Rupt.Edu Competition 2012	11 Dec 2012	SEGI University	Anise Asia Cloud Sdn Bhd	Champion
28.	National Chemical Engineering Symposium (Naces) 2012	14 - 16 Dec 2012	Universiti Kebangsaan Malaysia	Universiti Kebangsaan Malaysia	<ul style="list-style-type: none"> • Champion • National Champion (Best Overall University Award)

Student Activities

(continued)

January				
No.	Activities	Date	Venue	Organiser/Host
1.	Minggu Aluan Siswa (MAS)	12 - 17 Jan 2012	Universiti Teknologi PETRONAS	Student Support Services
2.	Educational Trip to Mount Kinabalu	16 - 21 Jan 2012	Kota Kinabalu, Sabah	International Student Unit & Internship Unit
3.	Educational Trip to Taiping	22 - 23 Jan 2012	Taiping, Perak	International Student Unit & Internship Unit
4.	Pusat Kecemerlangan Sukan /Universiti Malaya - World University Netball Championship 2012	27 - 29 Jan 2012	Dewan Serbaguna, University of Malaya	University of Malaya (UM)
5.	Pertandingan Debat 1 Malaysia 2012	27 - 31 Jan 2012	Universiti Kebangsaan Malaysia	UTP Debate Club
6.	Kem Penghayatan Islam	28 - 29 Jan 2012	Lecture Hall 1, UTP	Rakan Masjid
7.	Festival Dan Kejohanan Pencak Silat Taming Sari IV UKM	30 Jan - 3 Mar 2012	Dewan Tunku Abdul Razak (DECTAR), Universiti Kebangsaan Malaysia	Universiti Kebangsaan Malaysia (UKM)
February				
1.	Perak Rugby League 2012	Feb - Apr 2012	Padang Ipoh, Ipoh Perak	Kesatuan Ragbi Perak
2.	UTP Sports League 2012	12 Feb 2012	Sports Complex, UTP	Co-Curriculum Unit, UTP
3.	IIUM Open Taekwondo WTF 2012	2 - 6 Feb 2012	International Islamic University, Gombak	International Islamic University
4.	Pertandingan Debat Keamanan Asean 2012	3 - 7 Feb 2012	Universiti Pertahanan Nasional Malaysia (UPNM)	Ministry of Higher Education & Universiti Pertahanan Nasional Malaysia (UPNM)
5.	MASUM Football Carnival 2012	8 - 12 Feb 2012	Universiti Tenaga Nasional	MASISWA & Universiti Tenaga Nasional
6.	Karnival Wajadiri IPT PSSCM 1 Malaysia Kali Ke-5	10 - 11 Feb 2012	Dewan Tunku Abdul Razak (DECTAR)	Universiti Kebangsaan Malaysia (UKM)
7.	Kursus Pengurusan Organisasi	11 - 12 Feb 2012	Lecture Hall 3, UTP	Rakan Masjid
8.	SIFE Family Day 2012	11 Feb 2012	Hotel Seri Malaysia, Bukit Larut	Students in Free Enterprise
9.	Royal Debate 2012	11 - 16 Feb 2012	Universiti Sains Malaysia (USM)	Universiti Sains Malaysia & Majlis Debat Universiti-Universiti Malaysia
10.	Southeast Asian English Olympics (SEO) 2012	13 - 17 Feb 2012	Binus University, Jakarta, Indonesia	Binus Nusantara English Club, Binus University
11.	2012 Future Petroleum Engineers Forum, Petrobowl Competition, Beijing	13 - 17 Feb 2012	Chinese University Petroleum Beijing	Chinese University Petroleum Beijing

Student Activities

(continued)

February				
No.	Activities	Date	Venue	Organiser/Host
12.	Minggu Mesra Kampus	14 - 16 Feb 2012	Foyer, Pocket D, UTP	UTP Student Representative Council
13.	Kejohanan Taekwondo Pemilihan Pasukan IPT Malaysia	16 - 19 Feb 2012	Stadium Tertutup Nilai, Nilai, Negeri Sembilan	Universiti Malaysia Sabah (UMS)
14.	Alumni CSR Activities	17 Feb 2012	Schools in Perak	UTP Alumni Perak Branch, UTP SIFE-YEC and UTP Alumni Unit
15.	Mukayyam Tarbawi 2012	17 - 19 Feb 2012	Batu Ampar Resort, Kuala Kangsar	Rakan Masjid
16.	UTP Alumni Career Talk - Bintulu	21 Feb 2012	Sekolah Menengah Kebangsaan Bintulu, Bintulu	UTP Alumni Unit, UTP Alumni Association and UTP Alumni Bintulu Branch
17.	UTP Alumni Career Talk - Miri	22 Feb 2012	Kolej Tun Datu Tuanku Haji Bujang, Miri	UTP Alumni Unit, UTP Alumni Association and UTP Alumni Miri Branch
18.	SIFE of YEC Training Workshop 2012	22 Feb 2012	Meeting Room, Block 21, UTP	Students in Free Enterprise
19.	Technical Talk: Managed Pressure Drilling	25 Feb 2012	Lecture Theatre D1, Pocket D, UTP	Society of Petroleum Engineers-UTP Student Chapter
20.	Event Management Seminar	24 - 26 Feb 2012	Main Hall & Seminar Room, UTP	Media & Technology Club
21.	Pertandingan Debat Perdana Integriti 2012	24 - 28 Feb 2012	Universiti Malaysia Pahang	UTP Debate Club
22.	Community Service	25 Feb 2012	Orphanage Homes, Pocket D & Multipurpose Hall, UTP	CHILD PRO Committee
23.	Field Trip to Gas District Cooling (Makhostia Utilities Sdn Bhd)	25 Feb 2012	Makhostia Utilities Sdn Bhd, UTP	ASME-UTP Student Chapter
24.	Bengkel Pengurusan Jenazah	25 Feb 2012	Lecture Hall 1, UTP	Rakan Masjid
25.	Received Guests from Stree Yala School, Thailand	25 Feb 2012	Universiti Teknologi PETRONAS	International Student Unit
26.	Leadership Programme - Potential Leaders 2012	25 Feb 2012	Hotel Sri Malaysia	Counselling and Student Development Unit
27.	Explore Malaysia, Islam and Royalties Visit Kuala Kangsar, Perak Darul Ridzuan	26 Feb 2012	Kuala Kangsar, Perak	UTP International Students
28.	Welfare Programme at Kg. Suak Padi	26 Feb 2012	Kampung Suak Padi, Bota Kanan	Rakan Masjid
29.	MPP Elections	29 Feb 2012	Chancellor Hall, UTP	Student Support Services Department

Student Activities

(continued)

February				
No.	Activities	Date	Venue	Organiser/Host
30.	Week-I-Media	29 Feb 2012	Chancellor Hall, Pocket D Foyer, Room D9 & Seminar Room 6, UTP	English Language Club
31.	Asia Pacific Oil And Gas Intellectual Parade (OGIP) 2012	29 Feb - 3 March 2012	Universitas Pembangunan Nasional Veteran, Yogyakarta, Indonesia	Students Organisation Unit of Petroleum Engineering Department UPN "Veteran" Yogyakarta in cooperation with SPE-SC UPN "Veteran" Yogyakarta, SM-IATMI UPN "Veteran" Yogyakarta
March				
1.	SPE-UTP-SC Life Aid Day	1 - 2 Mac 2012	Seminar Room 1, 2, 7 & 8, UTP	Society of Petroleum Engineers-UTP Student Chapter
2.	Educational And Cross Cultural Trip To Langkawi	2 - 4 Mac 2012	Langkawi, Kedah Darul Aman	Global Network Club
3.	Choco Fair Ucity 2012	5 - 6 Mac 2012	Room 9, Pocket D, UTP	UCITY Club
4.	Cyber Gen 2012	3 Mac 2012	Universiti Teknologi PETRONAS	Media & Technology Club
5.	UTP Leadership Programme for SRCUTP & Club Leaders	6 - 8 Mac 2012	Bukit Merah Laketown Resort	Counselling & Students Development Unit
6.	Educational Trip To Putrajaya And Kuala Lumpur	8 Mac 2012	Putrajaya International Convention Centre (PICC) & Kuala Lumpur	International Student Unit
7.	MPPUTP Retreat - Go Forward	8 - 9 Mac 2012	Kem Hanifah, Gopeng	UTP Student Representative Council
8.	Programme with Anak Yatim Nurkasih	14 - 17 Mac 2012	Universiti Teknologi PETRONAS	UTP Alumni & Students in Free Enterprise
9.	Ladies'Valency 2012 "Forum Baitul Muslim"	16 Mac 2012	Chancellor Hall, UTP	Rakan Masjid , HELWI
10.	Build And Break Competition 2012	16 - 19 Mac 2012	Pocket C, Block 13, UTP	UCITY Club
11.	SIFE Of YEC Bonding Games 2012	17 Mac 2012	UTP Lake	Students in Free Enterprise
12.	Forum Baitul Muslim	16 Mac 2012	Chancellor Complex, UTP	Rakan Masjid
13.	Corporate Grooming 2012	17 Mac 2012	Undercroft, UTP	Counselling & Students Development Unit, UTP Peer Helpers & CG Team
14.	UNITEN-KPT 6 Aside Hockey	17 - 28 Mac 2012	Universiti Tenaga Nasional	Universiti Tenaga Nasional
15.	Ladies'Valency 2012 "Inspirasi Motivasi Jiwa"	18 Mac 2012	Chancellor Hall, UTP	Rakan Masjid , HELWI

Student Activities

(continued)

March				
No.	Activities	Date	Venue	Organiser/Host
16.	Weekend Camp For Orphans From Nur Kasih Orphanage House	23 - 25 Mac 2012	Undercroft, UTP	UTP Alumni Perak Branch, UTP SIFE-YEC and UTP Alumni Unit
17.	GLU Student Representative Council Annual Grand Meeting: UTP,UNITEN And MMU	23 - 25 Mac 2012	Universiti Tenaga Nasional	UTP Student Representative Council
18.	Seminar Fiqh Dakwah Mahasiswa	24 - 25 Mac 2012	Seminar Room 7 & 8, UTP	Rakan Masjid, HELWI
19.	Ladies'Valency 2012 "In The Pink & Chill Floor"	27 Mac 2012	Seminar Room 8, UTP	Rakan Masjid, HELWI
20.	Electre Shot 2012	28 Mac 2012	Academic Block 23, UTP	Electrical & Electronic Engineering Student Society
21.	"Heart For Islam" Festival 2012 Forum Selebriti Hijrah	30 Mac 12	Chancellor Hall, UTP	Rakan Masjid, HELWI
22.	Badminton Tournament MASISWA - MMU Chancellor Challenge Cup 2012	30 Mac - 1 Apr 2012	MSN Melaka Badminton Hall	Multimedia Universiti, Melaka
23.	Pertandingan Debat Terbuka Astar 2012	31 Mac - 4 Apr 2012	Universiti Malaya, Kuala Lumpur	UTP Debate Club
24.	MMU Volleyball Open Championship 2012	31 Mac - 1 Apr 2012	Multimedia University, Cyberjaya	Multimedia University, Cyberjaya
25.	"Heart Of Islam" Festival 2012 Seminar Heart of Islam	31 Mac - 1 Apr 2012	Seminar Room 7 & 8, UTP	Rakan Masjid , HELWI
April				
1.	Liga IPT Zon Utara 2012	1 - 5 Apr 2012	Universiti Utara Malaysia	Ministry of Higher Education & Universiti Utara Malaysia
2.	IDEC UTP Research Paper Conference 2012	2 - 10 Apr 2012	Seminar Room, UTP	Innovation and Design Club
3.	Robots On The Road	5 - 6 Apr2012	Pocket D, Foyer, UTP	PETROBOTS Club
4.	A Field Trip To YTL Cement Company	5 Apr 2012	YTL Cement & Clinker Production Plant of Perak-Hanjoong Simen Berhad, Padang Rengas, Kuala Kangsar	ASME-UTP Student Chapter
5.	Exposure Talk By School Alumni	6 Apr 2012	Sek. Menengah Kebangsaan Tronoh, Perak	Society of Petroleum Engineers-UTP Student Chapter
6.	Ensemble Of Gamelan 2012 (EOG)	6 Apr 2012	Chancellor Hall, UTP	Co-Curriculum Unit & UTP Gamelan Group
7.	5th Festival Of Colours Of The World (FESCO) 2012	7 Apr 2012	Chancellor Hall, UTP	Co-Curriculum Unit & UTP Performing Arts Group (UPAG)

Student Activities

(continued)

April				
No.	Activities	Date	Venue	Organiser/Host
8.	Malaysia - Taiwan Cultural Exchange Programme (MTREP 2012)	8 Apr 2012	Chancellor Hall, UTP	Co-Curriculum Unit & UTP Chinese Orchestra
9.	Entrepreneurship And Exhibition Week	9 -12 Apr 2012	Pocket D Foyer, UTP	Society of Petroleum Engineers-UTP Student Chapter
10.	Global Community Development Programme	9 - 11 Apr 2012	Foyer Pocket D, UTP	AIESEC-UTP Student Chapter
11.	Tapestry of Colours 2012	9 - 10 Apr 2012	Dewan Filharmonik PETRONAS	Yayasan UTP & UTP
12.	Career Guidance Seminar 2012	14 Apr 2012	Undercroft, UTP	SPE-KL Charter Young Professionals (YP) Section, SPE-UTP and UTP Alumni
13.	Ipoh City Hockey League 2012	2 - 18 Apr 2012	Ipoh Hockey Stadium	Ipoh City Hockey Club
14.	13th National Varsity Chinese Debate Competition	14 - 29 Apr 2012	Universiti Malaya, Kuala Lumpur	Debate Club (Mandarin Debate Unit)
15.	UTP Colours of Ranggoli Night 2012 (UCRN)	17 Apr 2012	Chancellor Hall, UTP	Co-Curriculum Unit & UTP Indian Orchestra
16.	29th Edition of Science and Engineering Design Exhibition (SEDEX)	17 - 18 Apr 2012	Chancellor Hall, UTP	SEDEX Committee
17.	Educational Trip To Trans Thai-Malaysia (Thailand), Halliburton And Chevron In Songkhla Thailand	19 - 21 Apr 2012	Thailand	Society of Petroleum Engineers-UTP Student Chapter
18.	Medical Camp 2012	21 Apr 2012	Tesco Extra Ipoh	Rotaract Club
19.	Smart UTPIan Competition	21 Apr 2012	Pocket D6, UTP	ASME-UTP Student Chapter
20.	Futsal Old Village Competition	21 Apr 2012	Sports Complex, UTP	Old Village Committee
21.	Peers Leadership Programme (PROLEAD)	21 Apr 2012	Undercroft, UTP	Counselling & Students Development Unit and UTP Peer Helpers
22.	University College Basketball League 2012	25 Apr 2012	KOMTAR Penang	Universiti Sains Malaysia & Ministry of Higher Education
23.	South Africa Freedom Day Celebration	25 Apr 2012	Intercontinental Hotel, Kuala Lumpur	South Africa Government through the South African High Commission Office in Malaysia
May				
1.	Debat Perdana Pengguna Siswa 2012	11 - 15 May 2012	Universiti Kebangsaan Malaysia	Universiti Kebangsaan Malaysia
2.	MEDTECH Media Tour 2012	12 - 15 May 2012	Kuala Lumpur & Singapore	Media & Technology Club

Student Activities

(continued)

May				
No.	Activities	Date	Venue	Organiser/Host
3.	Motivasi Keluarga Gemilang SK Tronoh	12 May 2012	Pocket D, UTP	Persatuan Ibu Bapa Dan Guru (PIBG) Sekolah Kebangsaan Tronoh in Collaboration with Residential College Support Unit, UTP (UTPRCSU) and Village 2 Committee
4.	Mission Awareness Program	15 - 19 May 2012	Kampung Rungkup Kecil, Bagan Datoh, Perak	International Student Unit, Student Support Services Department
5.	Shell Intervarsity Student Paper Contest 2012 (S-SPEC 2012)	17 - 18 May 2012	Universiti Teknologi Malaysia	Universiti Teknologi Malaysia
6.	2012 Future Petroleum Engineers Forum	17 - 21 May 2012	China University of Petroleum, Beijing	China University of Petroleum, Beijing
7.	MSC Malaysia Institution of Higher Learning Business Plan Competition (MIBPC) 2011/2012	25 May 2012	Le Meridien Kuala Lumpur	Multimedia Development Corporation (MDeC)
8.	CM-ICPC Malaysia National Programming Contest 2012 (al-Khawarizmi-12)	25 May 2012	Universiti Teknologi MARA	Universiti Teknologi MARA
9.	Debat Muhibah 2012	25 - 28 May 2012	National University of Singapore	Singapore Malay Youth Literary Association
10.	SIFE Pre-Competition Training 2012	26 - 27 May 2012	Sunway University, Petaling Jaya	Student in Free Enterprise Malaysia
11.	Chocofair Ucity 2012	28 - 30 May 2012	Room 9, Pocket D, UTP	UCITY Club
12.	SIFE UTP Appreciation Dinner 2012	28 May 2012	Seminar Room 8, Undercroft, UTP	Students in Free Enterprise
13.	Beyond Horizon Motivational Outreach	31 May 2012	SMK St Bernadettes Convent Batu Gajah	UTP BHMOC Committee & Peer Helpers
June				
1.	TECH Technical Handling Class 2012	2 Jun 2012	Main Hall, UTP	Media & Technology Club
2.	UTP F1 Cup Programme	4 - 29 Jun 2012	Room 9, Pocket D, UTP	Mechanical Engineering Club
3.	Minggu Mesra Kampus	5 - 7 Jun 2012	Pocket D Foyer, UTP	UTP Student Representative Council
4.	UTP Student Assembly	9 Jun 2012	Seminar Room 7 & 8, Undercroft, UTP	UTP Student Representative Council
5.	Paintball Tournament	10 Jun 2012	Village 4 Field, UTP	UTP Student Representative Council
6.	UTP Sports Carnival 2012	Jun 2012	Sports Complex, UTP	Co-Curriculum Unit, UTP

Student Activities

(continued)

June				
No.	Activities	Date	Venue	Organiser/Host
7.	Shell Downstream Day	15 Jun 2012	UTP Undercroft, Chancellor Complex, UTP	SHELL & UTP Career Advisory Unit
8.	Orphans Day	16 Jun 2012	Seminar Room 7 & 8, Lecture Theatre C1, Pocket C and UTP Lake	International Student Council (ISC) & International Student Unit
9.	Environmental Day (Teens In Environment Corporation (TIEC))	16 Jun 2012	Rumah Kebajikan Nur Kasih, Taiping	Student in Free Enterprise
10.	Stress And Time Management	16 Jun 2012	Seminar Room 7 & 8, Lecture Theatre C1, Pocket C and UTP Lake	International Student Council (ISC) & International Student Unit
11.	UTP F1 Cup 2012	16 - 17 Jun 2012	Chancellor Hall, UTP	Mechanical Engineering Club
12.	EUPHONIOUS 2012 - "Music Revolution Elevated"	16 Jun 2012	Chancellor Hall, UTP	Co-Curriculum Unit & International Culture Club
13.	ISC Olympics 2012	16 - 17 Jun 2012	UTP Sports Complex and around UTP	International Student Unit & International Student Council
14.	Distinguished Lecture	20 Jun 2012	Chancellor Hall, UTP	An-Nur Islamic Centre
15.	Go Halliburton	20 Jun 2012	Pocket D & Seminar Room 7 & 8, UTP	Society of Petroleum Engineers-UTP Student Chapter
16.	Survivor Camp 2012	22 - 24 Jun 2012	Gunung Lang, Perak	Kelab Kembara & Rekreasi
17.	Red Sonata Fiesta 3 - "The Grace of Autumn Rhyme" 2012	22 Jun 2012	Chancellor Hall, UTP	Co-Curriculum Unit & UTP Chinese Orcherstra
18.	Dare To Dream 2 2012	23 Jun 2012	Main Hall, UTP	Electrical & Electronic Engineering Student Society
19.	English Debate Workshop	23 Jun 2012	21-01-04 & 21-01-05, UTP	UTP Debate Club
20.	Electrecup 2012	23 - 24 Jun 2012	Village 5 Futsal Court	Electrical & Electronic Engineering Student Society
21.	Open Day V5 2012 (Chef Gala, Beauty Inside Outside, Islamic Explorace)	23 - 24 Jun 2012	Village 5, UTP	Village 5
22.	Seminar Fiqh Dakwah Mahasiswa 2012	24 - 28 Jun 2012	Foyer, Pocket D, UTP	Rakan Masjid
23.	KPT - UMP Sungai Pahang Kayak Challenge 2012	25 - 30 Jun 2012	Sungai Pahang, Pahang	Universiti Malaysia Pahang
24.	National Mathematical Modeling Competition	25 Jun 2012	Universiti Malaysia Terengganu	Universiti Malaysia Terengganu & Ministry of Higher Education

Student Activities

(continued)

June				
No.	Activities	Date	Venue	Organiser/Host
25.	IMSS 2012 : International Conference	25 - 30 Jun 2012	Institut Teknologi Bandung (ITB), Indonesia	National Silaturrahim Forum on Campus Da'wah Institute
26.	UTP Alumni Career Talk - Kuala Lumpur	26 Jun 2012	SMK Sains Alam Shah	Alumni Unit UTP, UTP Alumni Association and UTP Alumni KL Branch
27.	Youthquest School Green Day	27 Jun 2012	SMK Layang-Layang Kiri, Parit	Students in Free Enterprise
28.	CSR Activities with Anjung Singgah	27 Jun 2012	Anjung Singgah, Kuala Lumpur	UTP Alumni Unit, UTP Alumni Association & UTP Alumni KL Branch
29.	Internship Awareness Forum	27 Jun 2012	D1 & D5, UTP	Society of Petroleum Engineers-UTP Student Chapter
30.	Pertandingan Debat Alam Sekitar 2012	29 Jun - 03 Jul 2012	Universiti Malaya	Majlis Debat Universiti-Universiti Malaysia & Universiti Malaya
31.	Rays of Faith Seminar	29 Jun - 1 Jul 2012	Kuala Lumpur	Al-Maghrib Institute
July				
1.	Geological Field Trip To Mount Kinabalu And Voluntary Project At Kota Kinabalu Wetland Centre	3 - 6 Jul 2012	Mount Kinabalu, Sabah's Kinabalu Geopark, Kota Kinabalu Wetlands Centre	American Association of Petroleum Geoscience-UTP Student Chapter
2.	Malaysia National Convention 2012	4 - 8 Jul 2012	Universiti Utara Malaysia, Sintok	AIESEC-UTP Student Chapter
3.	Pertandingan Debat Perpaduan Antara IPT 2012	4 - 8 Jul 2012	Universiti Putra Malaysia	Majlis Debat Universiti-Universiti Malaysia & Universiti Putra Malaysia
4.	Student Leadership Programme for SRCUTP & Club Leaders	6 - 8 Jul 2012	Bukit Merah Laketown Resort	Counselling & Students Development Unit and UTP Alumni Unit
5.	Technology, Education & Career 2012	10 - 11 Jul 2012	Chancellor Complex, UTP	Career Advisory Unit
6.	Innovation - National Oil Rig Competition	10 - 11 Jul 2012	Main Hall, UTP	Career Advisory Unit
7.	International Culture Night	13 Jul 2012	Chancellor Hall, UTP	International Student Unit and International Student Council
8.	Malaysia Hari Ini Interview	13 Jul 2012	Sri Pentas, Bandar Utama	Students in Free Enterprise
9.	Intervarsity Concrete Frisbee Competition (ICFC) 2012	13 - 15 Jul 2012	Seminar Room, Undercroft, Block 13 & 14, UTP	UCITY Club
10.	UTP Language Carnival 2012	13 - 15 Jul 2012	Lecture Room 6, 7 & 8 and Seminar Room 7 & 8, UTP	English Language Club

Student Activities

(continued)

July				
No.	Activities	Date	Venue	Organiser/Host
11.	South Sudan Independence Day Celebration	14 Jul 2012	Chancellor Hall, UTP	International Student Unit and International Student Council
12.	Elite Seminar 2012	14 - 15 Jul 2012	Hotel Seri Malaysia, Ipoh	Students in Free Enterprise
13.	SIFE Malaysia National Exposition 2012	15 - 17 Jul 2012	Putra World Trade Centre, Kuala Lumpur	Students in Free Enterprise
14.	Muaythai Fight Night	19 Jul 2012	Multi Purpose Hall, UTP	Muaythai Club
15.	Seri Iskandar Open Tournament 2012	20 - 22 Jul 2012	Undercroft, UTP	UTP Debate Club
16.	SPE-UTP-SC Day Out	20 Jul 2012	SK Iskandar Perdana	Society of Petroleum Engineers-UTP Student Chapter
17.	Appreciation Night 2012	21 Jul 2012	Tower Regency Hotel, Ipoh	Media & Technology Club
18.	Ihya' Ramadhan	25 Jul 2012	Universiti Teknologi PETRONAS	Rakan Masjid
19.	Youth Social Responsibilities	27 Jul 2012	Methodist Girls School (MGS, Ipoh)	Rotaract Club
20.	Pra Titian Budi 2012 - Majlis Perasmian Penyerahan Anak Angkat	28 - 29 Jul 2012	Dewan Serbaguna FELCRA Nasaruddin	UTP Student Representative Council
21.	Breaking Fast With Orphanage from PERKIM Kedah	29 Jul 2012	Dewan Datar PERKIM, Alor Setar, Kedah	Persatuan Seni Silat Cekak Malaysia UTP
22.	Industrial Engagement Series (IES 2012)	31 Jul - 02 Aug 2012	Seminar Rooms & Pocket D Foyer, UTP	Society of Petroleum Engineers-UTP Student Chapter
23.	Entrepreneurship And Exhibition (E&E) Week	31 Jul - 02 Aug 2012	Pocket D Foyer, UTP	Society of Petroleum Engineers-UTP Student Chapter
24.	UTP Alumni Career Talk - Ipoh, Perak	31 Jul 2012	Sekolah Tuanku Abdul Rahman (STAR), Ipoh	UTP Alumni Unit, UTP Alumni Association & UTP Alumni Perak Branch
August				
1.	Evolving Potential Individual Career (EPIC)	1 Aug 2012	Universiti Teknologi PETRONAS	AIESEC-UTP Student Chapter
2.	Living With HIV Project	1 Aug 2012	Universiti Teknologi PETRONAS	AIESEC-UTP Student Chapter
3.	Palestine Exhibition	2 Aug 2012	Room 9 & Foyer Pocket D, UTP	Rakan Masjid
4.	Media Tour 2012	3 Aug 2012	Fly.Fm Radio Station, Petaling Jaya, Selangor	Media & Technology Club
5.	UKM Inter-Varsity Debate Championship 2012	3 - 5 Aug 2012	Universiti Kebangsaan Malaysia	Universiti Kebangsaan Malaysia

Student Activities

(continued)

August				
No.	Activities	Date	Venue	Organiser/Host
6.	Solidworks Simulation Free Training	3 Aug 2012	Cadvision Training Centre, Petaling Jaya	ASME-UTP Student Chapter
7.	PSSCM UTP Grand Breaking Fast Ceremony and 14th Annual General Meeting	4 Aug 2012	Paprika Café and Lecture Theatre D3, UTP	Persatuan Seni Silat Cekak Malaysia UTP
8.	Super Dancers 2012	4 - 5 Aug 2012	East Coast Mall, Kuantan, Pahang	UTP InterBeatz Group
9.	Industrial Engagement Series (IES) 2012	7 - 9 Aug 2012	Seminar Rooms & Pocket D Foyer, UTP	Society of Petroleum Engineers-UTP Student Chapter
10.	'Show And Tell' Presentation	8 Aug 2012	Pocket D, Lecture Hall 5, UTP	UTP English Language Club
11.	IDEC UTP Research Paper Conference 2012	10 Aug 2012	Seminar Rooms, Undercroft, UTP	Innovation and Design Club
12.	Youth To Business Forum	11 Aug 2012	Seminar Room 5, Undercroft, UTP	AIESEC-UTP Student Chapter
13.	Majlis Ihtifal Masjid An-Nur 2012 - Bengkel Rasmi Uthmani	11 Aug 2012	Lecture Hall 1, UTP	Pusat Islam An-Nur
14.	Perhimpunan Janji Ditepati Sempena Sambutan Hari Kemerdekaan Ke-55	31 Aug 2012	Stadium Nasional Bukit Jalil, KL	Student Support Services Department
September				
1.	Educational Trip to National University of Singapore (NUS) Singapore & Universiti Teknologi Malaysia (UTM) Skudai	10 - 13 Sep 2012	University of Singapore (NUS) Singapore & Universiti Teknologi Malaysia (UTM) Skudai	UTP Student Representative Council
2.	Kemuncak Titian Budi 2012	11 - 13 Sep 2012	FELCRA Nasaruddin, Perak Darul Ridzuan	UTP Student Representative Council
3.	Short and Sweet 2012 is the biggest short play festival in the world	12 - 15 Sept 2012	Auditorium Performing Arts Centre of Penang (PenangPAC)	Tronoh Teater Shop /Performing Arts Centre of Penang (Penang PAC)
4.	IEM Engineering Week 2012	16 Sep 2012	Foyer, 1 Utama Shopping Complex, Bdr Utama, Selangor	Institute of Engineers Malaysia
5.	Martial Arts Festival (MAFEST) 2012	17 - 21 Sep 2012	Pocket D Foyer, UTP	UTP Martial Arts Society
6.	Kejohanan Pencak Silat Antarabangsa Piala TPM Edisi 3, 2012	17 - 22 Sept 2012	Square One Mall, Batu Pahat, Johor	Universiti Tun Hussein Onn Malaysia
7.	Festival Tari (FESTARI 2012) Perak State	22 Sep 2012	Auditorium Kompleks Jabatan Kebudayaan dan Kesenian Negara Negeri Perak	Jabatan Kebudayaan dan Kesenian Negara Perak and Persatuan Permainan Tradisional Serantau (PEWARIS)

Student Activities

(continued)

September				
No.	Activities	Date	Venue	Organiser/Host
8.	International Students Sports Carnival 2012	21 - 23 Sept 2012	Universiti Tenaga Nasional	Universiti Tenaga Nasional
9.	Tree Planting Programme	22 Sep 2012	Raja Musa Forest Reserve	UTP Rotaract Club
10.	Teens in Environment Corporation (TIEC) Camp	22 - 23 Sep 2012	Undercroft, UTP	Students in Free Enterprise
11.	Talk on Youth Social Responsibilities	22 Sep 2012	Methodist Girls School (MGS) Ipoh	UTP Rotaract Club & Alumni Unit
12.	UTP Sports And Co-Curriculum Appreciation Night 2011	26 Sep 2012	Main Hall, UTP	Co-Curriculum Unit
13.	My Career, My Choice (MCMC)	28 - 30 Sep 2012	Seminar Rooms 4, 5 & 7, UTP	AIESEC-UTP Student Chapter
14.	Syntech Annual Dinner	29 Sep 2012	Main Hall, UTP	UTP SYNTECH Club
15.	World Cup 2012	30 Sep - 2 Oct 2012	Walter E. Washington Convention Centre, Washington, DC	SIFE Malaysia Foundation (SMF)
October				
1.	10th Cheonan World Dance Festival, South Korea	1 - 9 Oct 2012	Cheonan Samgeori Park, Cheonan City and Seoul, South Korea	Cheonan-si Cheonan Culture Enhancement Committee and Ministry of Culture, Sports and Tourism South Korea
2.	Kembara Sufi 2012	5 Oct 2012	Chancellor Hall, UTP	Rakan Masjid
3.	Rakaman 30 Minit Ustaz Don	6 Oct 2012	Chancellor Hall, UTP	UTP and TV Al-Hijrah
4.	Weekend Badminton Coaching Classes for Children	6 Oct 2012	Sports Complex, UTP	UTP Badminton Team & Co-Curriculum Unit
5.	Seminar Kecemerlangan Islamica - Serlah Potensi Mahasiswa Muslim Sehebat Al-Fateh	6 Oct 2012	Pocket D, UTP	Rakan Masjid
6.	Dr Zakir Naik Tour 2012	7 Oct 2012	PWTC, Kuala Lumpur	Rakan Masjid
7.	UTP Run 2012	9 Oct 2012	Universiti Teknologi PETRONAS	Co-Curriculum Unit
8.	Autocad Drawing Competition UTP 2012	17 Oct 2012	Room 02-01-13, UTP	ASME-UTP Student Chapter
9.	Kejohanan Ragbi 10's Piala Naib Canselor UPNM KE-3, 2012	12 - 14 Oct 2012	Universiti Pertahanan Nasional Malaysia	Universiti Pertahanan Nasional Malaysia

Student Activities

(continued)

October				
No.	Activities	Date	Venue	Organiser/Host
10.	E Kasih Project	12 - 14 Oct 2012	Kg. Tanjung Aur, Kg. Pulau Pisang and Kg. Aji , Bota Kiri, Perak Darul Ridzuan	UTP Student Representative Council
11.	Youth to Business Forum	13 Oct 2012	Seminar Room 5, Undercroft, UTP	AIESEC-UTP Student Chapter
12.	Engineering Club Outreach	13 - 20 Oct 2012	Sekolah Menengah Teknik Kuala Lumpur	IEM-UTP Student Chapter
13.	Sukipt Rowing & Inter Varsity Boat Race 2012	13 - 21 Oct 2012	Tasik Putrajaya, Putrajaya	Ministry of Higher Education & Universiti Teknologi Malaysia
14.	Show & Tell Presentation	17 Oct 2012	Pocket D, Lecture Hall 5, UTP	UTP English Language Club
15.	Mid-Autumn Festival Celebration	17 Oct 2012	Room 9, Pocket D, UTP	UTP International Cultural Club
16.	Technical Talk From Halliburton	17 Oct 2012	D6, UTP	Society of Petroleum Engineers-UTP Student Chapter
17.	Introduction To MEDTECH 2012/2013	17 Oct 2012	D3, Pocket D, UTP	Media & Technology Club
18.	Youth Social Responsibilities	19 Oct 2012	St. Michael's Institution Ipoh	UTP Rotaract Club
19.	UPSI Indoor Hockey Tournament 2012	19 - 21 Oct 2012	Universiti Pendidikan	Universiti Pendidikan Sultan Idris
20.	Talk during Acadrex 2012	20 Oct 2012	Undercroft, UTP	Research Innovation Office in collaboration with UTP Alumni Unit
21.	1 World Cultural : International Students Cultural Festival 2012	20 Oct 2012	President Hall Nilai University College, Negeri Sembilan	Ministry of Higher Education Malaysia and Nilai University College, Negeri Sembilan
22.	"Sousday Kampuchea" (Hello Cambodia)	24 - 27 Oct 2012	Chnang Province Village, Combodia	Sekretariat Rakan Muda UTP
23.	Turkmenistan Independence Day Celebration	27 Oct 2012	Seminar Room 7 & 8, UTP	International Student Council & International Student Unit
24.	Kejohanan Sukan Institusi Pengajian Tinggi Malaysia , 2012 (SUKIPT 2012)	28 Oct - 11 Nov 2012	Klang Valley	Ministry Of Higher Education
25.	With You	Every Friday beginning 28 Oct 2012	Village 5 Common Room, UTP	HELWI & Rakan Masjid

Student Activities

(continued)

November				
No.	Activities	Date	Venue	Organiser/Host
1.	Motivation Program At SMK Iskandar Shah, Parit, Perak	1 Nov 2012	Old Village Committee	Sekolah Menengah Kebangsaan Iskandar Shah Parit
2.	Interfaith Understanding Dialogue (InfUD)	1 Nov 2012	Chancellor Complex, UTP	UTP Student Representative Council & Student in Free Enterprise
3.	Residential College Mesra Outreach Xi (RECMO XI)	2 - 4 Nov 2012	Main Hall, UTP	Residential College Support Unit
4.	Participation In International Oil And Gas Symposium (IOGS)	6 - 9 Nov 2012	Universiti Teknologi Malaysia (UTM)	Society of Petroleum Engineers-UTP Student Chapter
5.	Karnival Sukan Perpaduan Sekretariat Rukun Negara	8 - 11 Nov 2012	Sports Complex, UTP	UTP & Jabatan Perpaduan Negara dan Integrasi Nasional Malaysia
6.	Festival Gamelan Universiti Kebangsaan Malaysia 2012	10 Nov 2012	Dewan Canselor Tun Abdul Razak, Universiti Kebangsaan Malaysia	Pusat Kebudayaan Universiti Kebangsaan Malaysia
7.	Simulation Class 2012	10 Nov 2012	Multi-Purpose Hall, UTP	Media & Technology Club
8.	Seminar Divine Link : Fiqh Of Salah	16 - 18 Nov 2012	Universiti Putra Malaysia	Al-Maghrib Institute
9.	National Rapid And Blitz Chess Championship 2012	17 - 18 Nov 2012	Main Hall, UTP	UTP Chess Club
10.	Kejohanan Cabaran Pandai Silat Peringkat Nasional 2012	17 Nov 2012	Wangsa Walk Mall, Wangsa Maju, Kuala Lumpur	Persatuan Seni Silat Cekak Hanafi, UTP
11.	Mid-National Convention (MNC)	23 - 25 Nov 2012	Seminar Room 6,7 & 8, Undercroft, UTP	AIESEC-UTP Student Chapter
12.	Cabaran Debat Muda 21 Tahun Untuk Alaf 21 (CDM 2121)	23 - 26 Nov 012	Universiti Teknologi PETRONAS	UTP Debate Club
13.	Seminar Divine Link : Fiqh Of Salah	24 - 25 Nov 2012	Universiti Putra Malaysia	Al-Maghrib Institute
14.	Tautan Ukhwah Di IIUM	24 - 25 Nov 2012	Mahallah Siddiq And Safiyyah, UIA, Gombak	Village 5, UTP
15.	Educational Trip to (Schlumberger)	25 Nov 2012	Kemaman Supply Base	Career Advisory Unit, UTP
16.	Eidul Adha Celebrating	26 Nov 2012	Village 4 Cafeteria, UTP	PETRONAS Carigali Chad
17.	21st Century International Arts Festival 2012 - Thousand Beats of Asia	26 - 30 Nov 2012	Genting Highlands International Convention Centre	21st Century Cultural Arts Development Singapore

Student Activities

(continued)

November				
No.	Activities	Date	Venue	Organiser/Host
18.	Undergraduate Innovation And Research Programme 2012/2013	26 Nov 2012	Seminar Room 7, UTP	Innovation and Design Club
19.	Discover PETRONAS	28 - 29 Nov 2012	Clearwater Sanctuary Golf Resort & UTP	PETRONAS
20.	Festival Monodrama Dewan Bahasa Pustaka - USM 2012	28 Nov - 1 Dec 2012	Auditorium USM, Penang	Universiti Sains Malaysia (USM) and Dewan Bahasa & Pustaka (DBP)
21.	Foundation Engagement Series	30 Nov 2012	Lecture Hall 3 (Blok K), UTP	American Association of Petroleum Geoscience-UTP Student Chapter
December				
1.	UTP English Olympics 2012	1 - 2 Dec 2012	Universiti Teknologi PETRONAS	UTP Debate Club
2.	Khemah Ibadah	Dec 2012	Masjid An-Nur, UTP	Rakan Masjid
3.	Perak Rugby 7s 2012	1 - 2 Dec 2012	Padang Ipoh, Ipoh	Kesatuan Ragbi Perak
4.	The Artistry in Rhythms 2012	1 Dec 2012	Kompleks Metro Pudu, Auditorium HELP CAT	MIOS, Dance and Centre of Performing Arts of HELP College of Arts and Technology (HELPCAT)
5.	Futsal Fiesta	1 Dec 2012	Sports Complex, UTP	Village 5
6.	Self Management For English Students'	4 - 6 Dec 2012	Seminar Room 6, Undercroft UTP	UTP English Language Club
7.	Great Gender Debate 2012	6 - 10 Dec 2012	Universiti Teknologi Malaysia, Skudai Johor	Universiti Teknologi Malaysia
8.	Marketing Talk 2012	5 Dec 2012	Seminar Room 6 & 7, UTP	UTP Rotaract Club
9.	National Convention of Student Activism	8 - 9 Dec 2012	Seminar Room 4 & 5, UTP	An Nur Islamic Centre & Rakan Masjid
10.	National Dis.Rupt.Edu Competition 2012	11 Dec 2012	SEGI University	Anise Asia Cloud Sdn Bhd
11.	National Chemical Engineering Symposium (NACES) 2012	14 - 16 Dec 2012	Universiti Kebangsaan Malaysia	Universiti Kebangsaan Malaysia
12.	Majlis Konvokesyen PSSCM Peringkat IPT Zon Utara	15 Dec 2012	Chancellor Hall, UTP	Persatuan Seni Silat Cekak Malaysia, UTP

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Universiti Teknologi PETRONAS

Bandar Seri Iskandar

31750 Tronoh

Perak Darul Ridzuan, Malaysia

Tel: +6 05 368 8000

Fax: +6 05 365 4088

www.utp.edu.my

