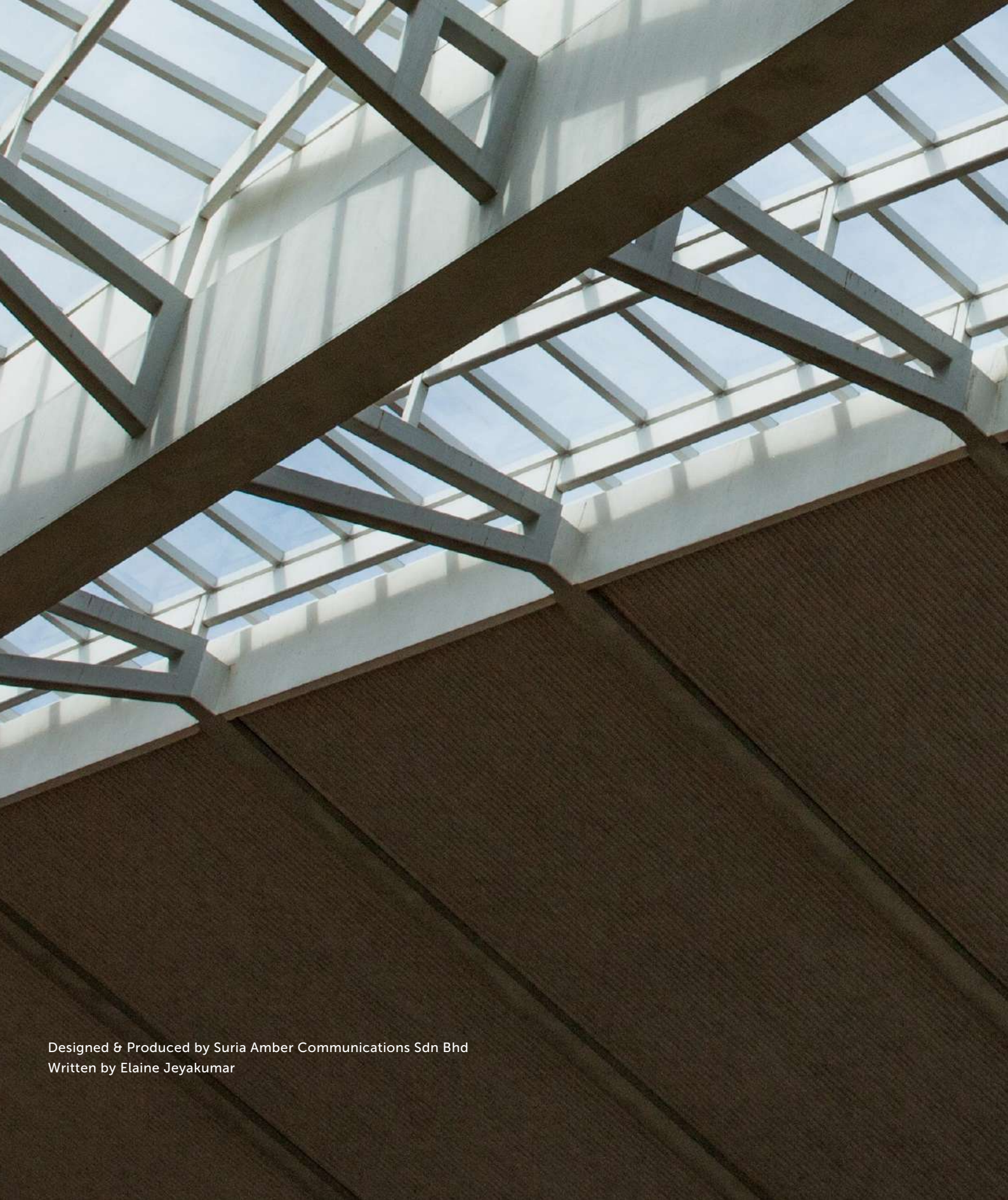




UNIVERSITI
TEKNOLOGI
PETRONAS



Designed & Produced by Suria Amber Communications Sdn Bhd
Written by Elaine Jeyakumar

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CORPORATE PROFILE

UNIVERSITY PROFILE

Universiti Teknologi PETRONAS (UTP) is built on a 400-hectare (1,000 acre) site strategically located 30 km southwest of Ipoh City at Seri Iskandar, Perak, Malaysia.

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Universiti Teknologi PETRONAS (UTP) was established in 1997 and has grown to be one of the most prominent private universities in Malaysia.

UTP offers a wide range of industry-relevant engineering, science and technology programmes at undergraduate and postgraduate levels and aims to produce well-rounded graduates with excellent leadership qualities and communication abilities.

The university has produced more than 14,000 graduates and currently has an enrolment of over 1,200 foundation students, 6,000 undergraduates and 1,200 postgraduates from more than 66 countries around the world. In less than two decades since it was established, the University has attained prestigious national and international recognitions.

UTP is the first and only private university in Malaysia to be awarded a maximum 5-star overall rating in the QS Stars™ University Rating System. It made its debut in the 2016/17 Quacquarelli Symonds (QS) World University Rankings, entering in the 601-650 band. It is ranked 6th and it is the only private university in Malaysia to make it into the rankings.

UTP has also made its first appearance in the QS Top 50 under 50 and is ranked within the 91-100 band. The ranking rates the world's best universities that are less than 50 years old.

The University has improved its standing in the QS Asian University Rankings 2016, moving up to 127th place from the ranking range of 151-160 in 2015.

UTP was ranked 233rd for the 2017 QS World University Rankings by Faculty for its Engineering and Technology Faculty.

QS has also recognised UTP as one of the world's elite institutions in four of the 42 subjects featured in the rankings. In 2017, Chemical Engineering and Mechanical Engineering subjects maintained their positions in the top 150 and 200 respectively. Electrical & Electronic Engineering and Computer Science & Information Systems subjects have improved their rankings and are now placed in the top 200 and top 300 respectively.

Apart from the QS rankings, UTP has, for the first time, made it into the Times Higher Education (THE) World University Rankings 2016-2017. UTP is ranked in the 601-800 band.





UTP is the first and only private university in Malaysia to be awarded a maximum 5-star overall rating in the QS Stars™ University Rating System.

UTP has also made its debut in the prestigious THE BRICS & Emerging Economies Rankings 2017, coming in at 91st place. This has placed UTP among the top 100 best research-led universities in the developing world.

The university conducts extensive research activities in collaboration with PETRONAS and other institutions and industries locally and abroad focusing on nine niche areas.

They are Enhanced Oil Recovery, Carbon Dioxide Management, Deepwater Technology, Nanotechnology, Green Technology, Biomedical Technology, Hybrid Energy Systems, Intelligent Cities and Sustainable Resources.

UTP is the first and only private university to be awarded a 6-star rating (the highest performance level) by the Ministry of Higher Education Malaysia for its research, development and commercialisation efforts under the Malaysia Research Assessment Rating System (MyRA).

UTP continues to provide distinctive educational opportunities to its students with the rating of Tier 5 (Excellent) for SETARA (Rating System for the Malaysian Higher Education Institutions) and achieved Tier 5 for D-SETARA (Discipline-Based Rating System) in Engineering as well.



OUR VISION

TO BE A LEADER IN TECHNOLOGY
EDUCATION AND CENTRE FOR
CREATIVITY AND INNOVATION

OUR MISSION

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.



UNIVERSITI
TEKNOLOGI
PETRONAS

LOGO RATIONALE

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.

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THE TEAM

- Chancellor
- Pro Chancellor
- Vice Chancellor
- Board of Directors
- Management Committee
- Senate
- Academic Advisory Council
- Research Advisory Council
- Student Development Advisory Council
- International External Examiners
- Industry Advisory Panel

Tun Abdullah Ahmad Badawi's career as a civil servant, political leader, diplomat and statesman spanned 45 years. He was born in 1939 into a prominent religious family in the northern state of Penang. Graduating in Islamic Studies from the University of Malaya, Tun Abdullah started his career in the Malaysian civil service in 1964. He left the civil service as Deputy Secretary General of the Ministry of Culture, Youth & Sports to become a politician in 1978, and rose to become Prime Minister of Malaysia 25 years later, in October 2003.

Tun Abdullah held various positions in government, including Minister in the Prime Minister's Department, Minister of Education, Minister of Defence, Minister of Foreign Affairs, Minister of Home Affairs and Minister of Finance. Excelling in diplomacy and international relations, as Prime Minister, Tun Abdullah sought to improve bilateral and multi-lateral cooperation, actively leading (among others) the Association of South-East Asian Nations (ASEAN), Non-Aligned Movement (NAM) and Organisation of Islamic Conference (OIC) when Malaysia assumed the chair of these international organisations.

As Prime Minister, Tun Abdullah introduced the concept of Islam Hadhari to guide development efforts in Malaysia and the wider Islamic world. This move towards progressive Islamic civilisation seeks to make Muslims understand that progress is enjoined by Islam. It is an approach that is compatible with modernity and yet firmly rooted in the noble values and injunctions of Islam. Islam Hadhari espouses ten fundamental principles which were accepted by Muslims and non-Muslims alike.

Tun Abdullah focused on human capital development as a key pillar of his Administration. This went beyond merely strengthening lower and higher education in Malaysia, to enhancing mindsets and infusing ethical, moral and religious values. Science and technology were further promoted, while innovation and creativity were pushed to the forefront.

As Chairman of the OIC, he waged war against poverty and the lack of knowledge and development in the Muslim world. Besides emphasising the enhancement of education in OIC countries, Malaysia sought to share its experience in national economic development by initiating a series of self-help projects involving OIC Members and the Islamic Development Bank with the objective of increasing capacities in several poor member countries of the OIC. The immediate purpose was to generate income and provide employment, while the longer-term intention was to assist the OIC countries to upgrade their governance and development efforts.

Tun Abdullah also sought to provide an economic face to the OIC, in a bid to enhance trade, business and investment linkages between Member countries. The World Islamic Economic Forum (WIEF), of which he is the founding patron, continues to be an important gathering of government and business leaders from the Muslim world and beyond. International Halal expositions, initiated by Malaysia, are now held regularly throughout the globe to advance Halal industries, for the benefit of the larger Ummah.

Tun Abdullah stepped down as Prime Minister on 3 April 2009. He remains committed to pursuing development, promoting progressive Islam and enhancing understanding between the Muslim and Western worlds. He is Chairman of the Malaysian Institute of Islamic Understanding (IKIM), and Patron of the Institute of Advanced Islamic Studies (IAIS) in Kuala Lumpur which he established in 2009. He is the founding patron for the World Islamic Economic Forum. He holds several government advisory roles, including those for PETRONAS, Malaysia's regional growth corridors and Malaysia Airlines. Internationally, Tun Abdullah is the member of the Inter Action Council (IAC), board member of BOAO Forum for Asia (BFA), and Chairperson of the Commonwealth Eminent Persons Group.

CHANCELLOR

Tun Abdullah Ahmad Badawi

Tan Sri Sidek Hassan is the Chairman of Petroleum Nasional Berhad (PETRONAS), the national Oil and Gas Corporation of Malaysia, a position he assumed in July 2012.

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

Tan Sri Sidek began his career on 15 April 1974 as an Assistant Director of the International Trade Division, Ministry of Trade and Industry. He has extensive working experience within the Ministry of International Trade and Industry (MITI) including postings at MITI offices in Tokyo (Japan), Sydney (Australia) and Washington, D.C. (USA). He was appointed as Deputy Secretary-General (Trade) on 19 January 2001 and as the Secretary-General of the Ministry of International Trade and Industry on 24 October 2004.

Tan Sri Sidek served as President of International Islamic University Malaysia (IIUM) between 2008 and 2013, and is currently the Pro-Chancellor of Universiti Teknologi PETRONAS (UTP).

He was a former board member of Top Glove Corporation Berhad and Malayan Flour Mills Berhad. Since 1 May 2016, Tan Sri Sidek has held the position of Chairman of Malaysia Digital Economy Corporation Sdn Bhd (MDEC).

Tan Sri Sidek holds a Bachelor of Economics (Honours) Degree in Public Administration from the University of Malaya and Masters of Business Administration (MBA) from New Hampshire College, United States of America.

He also holds various Honorary Doctorate Degrees - in Public Administration from Universiti Tun Abdul Razak (UNITAR), in Management from Universiti Putra Malaysia (UPM) and Universiti Teknikal Malaysia Melaka (UTeM) and in International Business from IIUM.

PRO CHANCELLOR

Tan Sri Sidek Hassan

Datuk Wan Zulkiflee Wan Ariffin, a Malaysian aged 57, holds an Engineering Degree in Chemical Engineering from the University of Adelaide, South Australia. In 2000, he attended the INSEAD Senior Management Development Programme and the Advanced Management Programme at Harvard Business School in 2004. He was conferred an Honorary Fellowship by the Institution of Chemical Engineers, United Kingdom in November 2005.

He joined PETRONAS in 1983 as a Process Engineer involved in the development of several Gas Processing Plants. In the ensuing years he held various positions within the PETRONAS Group including serving in the Office of the President as Executive Assistant to the President, General Manager, International Projects Management Division of OGP Technical Services and General Manager for the Strategy and Business Development Unit. He was the Managing Director and Chief Executive Officer of a public listed subsidiary, PETRONAS Gas Berhad from 2003 to 2007 and Vice President of Gas Business from 2006 to 2010. In 2012, he was appointed Chief Operating Officer of

PETRONAS in addition to being the Executive Vice President and Chief Executive Officer of Downstream Business. He was also the Chairman of PETRONAS Chemicals Group Berhad and PETRONAS Dagangan Berhad.

Datuk Wan Zulkiflee was appointed President and Group CEO of PETRONAS in April 2015.

He is a Council Member of the East Coast Economic Region Development Council (ECERDC), as well as Chairman of the ECERDC's Audit Committee. He is also the Chairman of the National Trust Fund, a member of the Board of Trustees of the Razak School of Government, the Industry Advisor to the Engineering Faculty of Universiti Putra Malaysia, a member of the Global Science and Innovation Advisory Council Malaysia and an Advisory Council member of the National Institute of Public Administration (INTAN).

PRO CHANCELLOR

Datuk Wan Zulkiflee Wan Ariffin

Datuk Ir (Dr) A Rahim Hashim was appointed as the Vice Chancellor of Universiti Teknologi PETRONAS on 1 November 2012. He graduated in Electrical and Electronics Engineering from the University of Birmingham, United Kingdom in 1976 and later received an Honorary Doctorate in Engineering from the same university in 2006.

He worked for PETRONAS for 32 years from September 1976 to December 2008 and held some important and key positions. These include the posts of Managing Director/CEO of PETRONAS Penapisan Melaka and Malaysian Refining Company (1991-1998), Vice President of Human Resource Management (1998-2002), Vice President of Gas Business (2002-2006) and Vice President Research and Technology (2006-2008). He was also the Technical Manager (1982-1987) and Refinery Manager (1987-1988) for PETRONAS Penapisan (Terengganu) Sdn Bhd, PETRONAS' first refinery in Kerteh.

A professional engineer, he sat on the Board of Engineers Malaysia and was Chairman of the Engineering Accreditation Council of Malaysia (2007-2012). He is currently an Advisor for the Institute of Materials Malaysia, a Fellow and a Council Member of the Academy of Sciences Malaysia, a member of the Board of Engineers National Monitoring Committee, a board member of SIRIM and Deleum Berhad, a public listed company and a Malaysia Convention & Exhibition Bureau MyCEB's Kesatria.

In October 2016 he was admitted as a William Pitt Fellow by the Pembroke College of Cambridge. He is the Past President of the International Gas Union (2009-2012), the Immediate Past President of the Malaysian Gas Association (2003-2015) and Past President of the Asia Pacific Natural Gas Vehicle Association (2003-2009). He attended the Harvard Advance Management Programme in 1997.

VICE CHANCELLOR

Datuk Ir (Dr) Abdul Rahim Hashim

BOARD OF DIRECTORS

From Left

Member Freida Amat • Datuk Mohd Anuar Taib • Datuk Ir (Dr) Abdul Rahim Hashim

Chairman Dato' Raiha Azni Abdul Rahman • **Member** Adif Zulkifli

Secretary Ahmad Redza Abdul Wahab



MANAGEMENT COMMITTEE

From Left

Member Zamri Yusof (Senior Manager, Human Resource Management & Administration) • Hasbullah Hj Ihsan (Chief Financial Officer) • Assoc Prof Dr Hilmi Mukhtar (Dean of Faculty of Engineering) • Prof Dr Mohamed Ibrahim Abdul Mutalib (Deputy Vice Chancellor, Academic) • **Chairman** Datuk Ir (Dr) Abdul Rahim Hashim (Vice Chancellor & Managing Director/CEO) • Prof Ir Dr Ahmad Fadzil Mohamad Hani (Deputy Vice Chancellor, Research and Innovation) • **Member** Assoc Prof Dr Shahrina Md Nordin (Director, Project Management Office) • Assoc Prof Dr Nor Hisham Hamid (Deputy Vice Chancellor, Student Affairs and Alumni) • Solihuddin Ahmad Nasarudin (Registrar) • **Secretary** Haslina Noor Hasni



SENATE

From Left

Member Prof Dr Mohamed Ibrahim Abdul Mutalib (Deputy Vice Chancellor, Academic) • Prof Ir Dr Ahmad Fadzil Mohamad Hani (Deputy Vice Chancellor, Research & Innovation) • Assoc Prof Dr Shahrina Md Nordin (Director, Project Management Office) • Hasbullah Hj Ihsan (Chief Financial Officer) • Assoc Prof Dr Hilmi Mukhtar (Dean of Faculty of Engineering) • Assoc Prof Dr Ahmad Kamil Mahmood (Dean, Faculty of Science & Information Technology) • Prof Ir Dr Mohd Shahir Liew (Dean, Faculty of Geoscience & Petroleum Engineering) • Assoc Prof Dr Mohd Fadzil Hassan (Dean, Centre for Graduate Studies) • Assoc Prof Dr Balbir Singh Mahinder Singh (Director, Centre for Foundation Studies) • Assoc Prof Dr Nor Hisham Hamid (Deputy Vice Chancellor, Student Affairs & Alumni) • Assoc Prof Dr Suriati Sufian (Head, Chemical Engineering Department)



From Left

Dr Noor Amila Wan Zawawi (Head, Civil & Environmental Engineering Department) • Assoc Prof Dr Rosdiazli Ibrahim (Head, Electrical & Electronic Engineering Department) • Assoc Prof Dr Puteri Sri Melor Megat Yusoff (Head, Mechanical Engineering Department) • Dr Khaled Abdalla Elraies (Head, Petroleum Engineering Department) • **Chairman** Datuk Ir (Dr) Abdul Rahim Hashim (Vice Chancellor & Managing Director/CEO) • **Member** Assoc Prof Dr Chow Weng Sum (Head, Geoscience Department) • Assoc Prof Dr Wan Fatimah Wan Ahmad (Head, Computer & Information Sciences Department) • Assoc Prof Dr Hanita Daud (Head, Fundamental & Applied Sciences Department) • Assoc Prof Dr Zulkipli bin Ghazali (Head, Management & Humanities Department) • Assoc Prof Dr Ku Zilati Ku Shaari (Head, Centre for Student Internship, Mobility & Adjunct Lectureship) • **Secretary** 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, so as 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

Tan Sri Sidek Hassan
Chairman
PETRONAS

MEMBERS

Tan Sri Datuk Ir (Dr) Hj Ahmad Zaidee Laidin
Secretary General
Academy of Sciences Malaysia

Prof Lord Kumar Bhattacharyya
Founder and Director
Warwick Manufacturing Group,
University of Warwick, United Kingdom

Prof Dr David B Prior
Former Emeritus Vice President and Provost
Texas A&M University, United States

Prof Dr Feng Da Hsuan
Senior Vice President
Global Strategy, Planning and Evaluation,
National Tsing Hua University, Taiwan

Scientia Prof Dr Deo Karan Prasad
Chief Executive Officer
CRC for Low Carbon Living Ltd
University of New South Wales, Australia

Prof Dr Haruo Takeda
Corporate Chief Engineer
Hitachi Ltd, Japan

Prof Dr Jeom Kee Paik
President
The Ship and Offshore Research Institute,
Pusan National University, Korea

Prof Dr Shih Choon Fong
Founding President
King Abdullah University of Science &
Technology (KAUST)

Dr Terje Martin Halmø
President
Risavika Gas Centre DA, Norway

Prof Dr Michael A. Celia
Director
Program in Environmental Engineering
and Water Resources,
Princeton University, United States

Prof Sir David Greenaway
Vice Chancellor
University of Nottingham, United Kingdom

Tan Sri Zarinah Anwar
Chairman
Malaysia Debt Ventures Berhad

Prof Emeritus Tan Sri Dr Zakri Abdul Hamid
Science Advisor
to the Prime Minister of Malaysia

Dato' Raiha Azni Abd Rahman
Senior Vice President
Group Human Resource Management
PETRONAS

Datuk Ir (Dr) Abdul Rahim Hashim
Vice Chancellor and Managing
Director/CEO
Universiti Teknologi PETRONAS

SECRETARY

Solihuddin Ahmad Nasarudin
Registrar
Universiti Teknologi PETRONAS

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 established the Research Advisory Council (RAC) in 2010. This Council 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 role of providing guidance and strategic direction to facilitate UTP in its efforts to enhance its competitiveness through technology and innovation.

CHAIRMAN

Datuk Ir (Dr) Abdul Rahim Hashim
Vice Chancellor and
Managing Director/CEO
Universiti Teknologi PETRONAS

Dato' Dr Zulkifli Mohamed Hashim
Deputy Secretary General (Science)
Ministry of Science, Technology and
Innovation

MEMBERS

Prof Abid Khan
Deputy Vice Chancellor/Vice President
(Global Engagement)
Monash University, Australia

Dato' Ng Wan Peng
Chief Operating Officer
Multimedia Development Corporation
(MDeC)

Dato' Dr Zainal Abidin Mohd Yusof
President/CEO
SIRIM Berhad

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

Prof Saman K Halgamuge
Associate Dean
Melbourne School of Engineering
University of Melbourne, Australia

Chuah Beng Swee
Managing Director/CEO
Technology and Engineering Division
PETRONAS

Dato' Kamarul Redzuan Muhamed
Managing Director/CEO
UZMA Group

Dato' Hj Mash'al Ahmad
Managing Director
Lynas Malaysia Sdn Bhd

Dato' Prof Dr Asma Ismail
Director General of Higher Education
Ministry of Higher Education

Prof Ir Dr Ahmad Fadzil M Hani
Deputy Vice Chancellor
Research & Innovation
Universiti Teknologi PETRONAS

Rao Abdullah
Region Vice President Asia Pacific
Halliburton Energy Services Sdn Bhd

SECRETARY

M Azminuddin Affandi
Senior Manager
Research & Innovation Office
Universiti Teknologi PETRONAS

STUDENT DEVELOPMENT ADVISORY COUNCIL

The Student Development Advisory Council (SDAC) comprises industry leaders whose role it is to advise Universiti Teknologi PETRONAS (UTP) in its quest to produce well-rounded graduates. The main objective 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 input on how to meet today's very challenging employability requirements set by industry. Its inaugural meeting was held on 10 September 2012.

Chairman

Datuk Ir (Dr) Abdul Rahim Hashim
Vice Chancellor & Managing Director/CEO
Universiti Teknologi PETRONAS

Members

Dato' Dr Adnan Alias
Chief Executive Officer
The Islamic Banking and Finance
Institute Malaysia

Datuk Chin Leng Sim @ Marina Chin
Former Director, Sports Division
Ministry of Education

Mohd Suhaimi Baharudin
Director/Senior Vice President
Human Resource Management
Technip Malaysia

Ainul Azhar Ainul Jamal
Chairman
Schlumberger Malaysia

Dato' Ng Wan Peng
Chief Operating Officer
Multimedia Development Corporation

Dato' Dr Ismail Alias
Naib Presiden PEKAMA
Persatuan Kaunseling Malaysia

Zakaria Kasah
Vice President, Group Project Delivery
Project Delivery & Technology
PETRONAS

Kamal Baharin Ahmad
Chief Executive Officer
PETRONAS Penapisan Melaka

Nan Yusri Nan Rahimy
Group Managing Director
Deleum Berhad

Goh See Wee
Executive Director
Astir Technology Sdn Bhd

Mac Chung Jin
Deputy Chief Executive Officer
Muhibbah Engineering (M) Sdn Bhd

Secretary

Assoc Prof Dr Nor Hisham bin Hamid
Deputy Vice Chancellor
Student Affairs and Alumni
Universiti Teknologi PETRONAS

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. Established since 1999, the International External Examiners meeting is held annually to deliberate on examination, curriculum development, staff development and facilities, future trends of engineering education and matters pertaining to research and development. The International External Examiners meeting provides invaluable input that contribute towards the realisation of the University's vision and mission in making it a leader in engineering and technology education.

Chemical Engineering

Prof Dr Barry Crittenden

Department of Chemical Engineering
University of Bath, United Kingdom

Civil Engineering

Prof Dr Chimay J Anumba

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

Electrical & Electronic Engineering

Prof Fabrice Meriaudeau

Vice President in International Relation
Université de Bourgogne, France

Mechanical Engineering

Professor Emeritus Dr Andrew J Day

Ford Professor of Quality Engineering
University of Bradford, United Kingdom

Management & Humanities

Prof John M Luiz

University of Cape Town
Waterfront, South Africa

Petroleum Engineering

Prof Dr Ir Hasian Parlindungan

Septorotno Siregar

Professor at the Petroleum Engineering
Department and Student Academic
Counselor
Institut Teknologi Bandung, Indonesia

Geosciences

Prof Dr John G Kaldi

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

Business Information Systems

Professor Dr James Y L Thong

Chair Professor and Head of Department
Hong Kong University of Science and
Technology

Information & Communication Technology

Professor Dr David John Duke

Head of School
School of Computing, University of Leeds,
United Kingdom

Applied Chemistry

Professor Paul D Lickiss

Professor of Organometallic Chemistry,
Imperial College
Department of Chemistry, Imperial College,
London, United Kingdom

Applied Physics

Professor Michael Christopher Payne

Professor, University of Cambridge
Cavendish Laboratory, Cambridge,
United Kingdom

INDUSTRY ADVISORY PANEL

UTP established its Industry Advisory Panel (IAP) with its first meeting held on 7 May 2007. The IAP is made up of 24 panel members who are senior personnel from industry with vast experience in their respective fields and expertise. The IAP members assist in planning and continuously improving the quality of programmes offered in UTP to ensure that a UTP education remains industry relevant. It also helps to strengthen the University's relationship with industry in general. Input from the IAP is crucial and invaluable and panel members meet with heads of departments to confer on teaching methodology, curriculum content, facilities and good practices to help UTP stay ahead of the game and meet the evolving needs of industry.

Chemical Engineering

Datuk Sazali Hamzah

President/CEO

PETRONAS Chemical Group Berhad

Razak Rahman

Industrial Management System and
Safety Manager

Air Liquide CO2 Europe SA, France

Julianna Kamarudin

General Manager

NGC Energy Sdn Bhd

Paul R Ellis

Managing Director

Schaefer Kark (Malaysia) Sdn Bhd

Civil Engineering

Dato' Ir Gue See Sew

Chief Executive Officer

G & P Professionals Sdn. Bhd

Zahari A Razak

Custodian (C&S Design Offshore)

PETRONAS Carigali Sdn Bhd

Dato' Ir Dr Ashaari Mohamad

Technical Director/Business Development
Director

Kumpulan IKRAM Sdn. Bhd

Ir Muhammad Akhir Othman

Managing Director

HYDEC Engineering Sdn Bhd

Ir Elias Ismail

Senior General Manager

Construction Technology

Development Sector

CIDB Malaysia

Electrical & Electronics Engineering

Dr Aznan Ezraie Ariffin

Vice President (Investments)

Khazanah Nasional Berhad

Dr Gunawan Witjaksono

Principal Researcher & Director

Micro Energy Cluster

MIMOS Bhd,

Malaysia

Shah Rizal Dahlan

Custodian Engineer Instruments

& Controls

PETRONAS Group Technical Solution

Dato' Mohd Ali Hanafiah Bin Mohd Yunus

Chief Officer Digital Ecosystem

Malaysian Communications &

Multimedia Commission

SK Fong/Fong Swee Kiang

Vice President of Engineering,

Programmable Solutions Group

Mechanical Engineering

Ir Rosli Hj Yusof

Principal Engineer (Rotating Equipment)

Mechanical Engineering Department

Group Technical Solutions, PETRONAS

Ir Dzulaidin Tasrin Othman

Head Project Engineering Services

(Management)

Sapura Kencana Engineering Sdn Bhd

Ir Ismady Hj Ismail

General Manager

TNB Repair & Maintenance Sdn Bhd

Petroleum Engineering

Wan Mohamed Sharez Bahrom

Operation Manager

Schlumberger Drilling Group, Brunei

Malaysia & Philippines

Dr Bazlee Matzain

Founder/Director

Amaray Pty Ltd/Amaray Innive Sdn Bhd

Dr Raj Deo Tewari

Custodian, Reservoir Engineering

PETRONAS Carigali Sdn Bhd

Abd Rahman Harun

Lead Reservoir Engineer

Petrofac PM304 (M) Kuala Lumpur,
Malaysia

Dr Marco T Rincon Torres
Baroid Central Asia Technical Manager
Halliburton

Bahrom Madon
Custodian, Production Technologist
PETRONAS Carigali Sdn. Bhd

Geosciences

Dr Mazlan Madon
Custodian (Petroleum Geosciences)
Exploration & Production Technology
Centre
PETRONAS

Jesmee Zainal Rashid
Business Development Manager–
Asia Pacific
Petroleum Geo-Services

Muhamad Kamal Embong
General Manager
Upstream Malaysia Technical Global
PETRONAS

Ahmad Hatta Kamaruzzaman
Vice President
Global Accounts
Schlumberger Oilfield Services Asia

Computer & Information Sciences

Dr Dzaharudin Mansor
National/Regional Technology Officer
Microsoft, Malaysia

Dr Amirudin Abdul Wahab
Chief Executive Officer
Cyber Security Malaysia

Tan Eng Hoo
Senior Manager
Talent Development Division
Multimedia Development Corporation

Mohd Nizam Abdul Rahim
Head, IT Services
Sime Darby Global Services Centre Sdn Bhd

Johan Affendi Johan Shah Steven
Business Chief Information
Officer-Corporate
PETRONAS ICT Sdn Bhd

Wan Ahmad Kamal Wan Halim
Executive Vice President-Enterprise
Telekom Malaysia Bhd

Management & Humanities

Md Arif Mahmood
Executive Vice President & CEO
Downstream Business, PETRONAS

Dato' Hafsah Hashim
Chief Executive Officer
SME Corporation Malaysia

Datuk Abdul Jalil Abdul Hamid
Group Managing Editor/Director
The New Straits Times Press (M) Bhd

Rosli Ismail
Senior Manager
Corporate Communication
Permodalan Nasional Berhad

Datin Prof Dr Azizan Baharuddin
Director-General
Institut Kefahaman Islam Malaysia

Applied Chemistry & Applied Physics
Dr Stefan Beckmann
Managing Director
BASF PETRONAS Chemicals Sdn Bhd

Dr Chuah Chaw Teo
Executive Director
Spritzer Bhd

Dr Rezal Khairi Ahmad
Chief Executive Officer
NanoMalaysia Berhad

A photograph of a modern building interior. The image shows a large, multi-level staircase with a blue wall and a concrete overhang. The staircase has a metal railing and a blue wall. The concrete overhang is a thick, horizontal slab. The background features a large window with horizontal blinds. The overall color palette is dominated by blue and grey.

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THE CHANCELLOR'S MESSAGE

Tun Abdullah Ahmad Badawi

Standing as the Chancellor of UTP is a position of honour and one that I do not take lightly. Being appointed as the Chancellor of one of the most prestigious universities in our country is indeed humbling and yet it is a responsibility that I hold now with gratitude and pride.

I have watched the progress of this university ever since its inception way back in 1997. Having its beginnings in the need for expertise in our burgeoning and expanding oil and gas industry in the closing years of the 20th century, it has most certainly proven its mettle in the training of skilled personnel.

UTP graduates today represent Malaysia all over the world, holding significant positions, not only in the oil and gas industry but across the board. They carry Malaysia's name as well as that of UTP, backed by PETRONAS, as testament to the quality the University can be proud of.

The goals, recognitions and awards that UTP has reached for and successfully achieved are nothing short of amazing and I am very proud to be associated with a university that is visionary and operating in a world that has no boundaries today. UTP has aligned itself well and has similarly set no boundaries for its future. In spite of being a relatively young player in the global world of higher education as well as research, it continues to aim for the stars in everything that it does, backed by well-thought out strategies, wise decisions and decisive actions.

It is my hope that together we will work to further strengthen the UTP name and brand for the greater glory of this university and Malaysia.



FROM THE PRO CHANCELLOR'S DESK

Tan Sri Sidek Hassan



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UTP's strong foundation and pioneering spirit have never been more evident than it is today, with the breadth and depth of its achievements in 2016 bearing strong testament to this. This said, there is a lot more that UTP must do to further carve its niche in the world of education, both locally and globally.

The vision set for UTP as a timeless learning institution has grown tremendously. Born out of a responsibility to build the nation's human capital, the University has evolved into an establishment that is exemplary in its growth and dedication to excellence. Additionally, though still young, UTP has nurtured some of the most vibrant and admirable talents and achievers in the last two decades.

Today, this university must seek to be even more accessible and innovative for students from all walks of life. It must be a pragmatic learning institution that offers the best to meet current needs and also those of tomorrow. We must instil the fundamental skills to build tomorrow today and I believe our leadership is embracing the right steps to take this to fruition.

Towards this, I am pleased that we have started transforming our classroom into a more

interactive environment, with debates and discussions. We are also working towards building capabilities and talents who are multi-faceted and all-rounders. Our stringent and careful selection of quality student intakes and the ability of our educators in teaching, training and developing our students have proven successful. UTP has an Alumni that we can be proud of, with many of our graduates holding influential and key positions in local and global corporations.

I hope to see UTP continuing to produce global citizens who work for the benefit of mankind with a lifelong commitment to careers in public interests.

Effectively, the world is facing the Fourth Industrial Revolution, a time where the physical, digital and biological worlds are merging. This is impacting every aspect of life and it is even challenging ideas on what it means to be human. This shift is resulting in global disruptions and is forcing public and private sectors to dramatically improve efficiency and efficacy. It is exciting to live in such a time where billions are connected technologically and with real opportunities to enhance the standards of living for multitudes of people.

I hope that UTP will bring meaningful change in this period of transformation and for this it must embrace new approaches to humanise our talents and build skills that will shift our graduates from being job seekers to job creators and from being spectators to innovators.

In building the Malaysia of the future, UTP's core competencies in science, engineering and technology as well as research and development place it in a unique position. As we progress to a higher value-added and knowledge-based economy, the University must take a lead in innovative sustainable development and be on the cutting edge of science and technology. We must be solution providers for the world's challenges and as we become so, take UTP to its next plateau of well-deserved recognition, achievement and ranking; and we must lead in this ethically and morally. This can only be achieved if education is taught and heard by the mind and heart, for without one or the other it bears no fruit. It is our role as educators then, to marry ways of thinking with ways of doing.

UTP has achieved great things in the oil and gas and energy sectors, with more than 300 patents filed and granted. I extend my appreciation to all who have contributed towards the outstanding results outlined in this report. I am certain we can do the same, if not better, in the various other areas of knowledge that we are involved in.

The times ahead will ask much of us. The constantly changing circumstances will demand a curriculum that is competitive with an output that is even more invaluable. Ours will be a future filled with crucial choices as we withstand inevitable challenges. UTP must be prepared to think creatively, leap nimbly and act decisively to ensure we build our tomorrow today. I am confident that together, as one, we will meet these challenges and with keen focus and steadfast vision, can achieve our goal of Global Prominence.

I end with this quote from Robert John Meehan, an American educator who succinctly said, *"Strive to be remembered as that teacher that constantly aimed for the exemplary, that never settled for the mediocre and that invariably taught with a limitless passion and vigour. By having accomplished this, you will most certainly have made this world a far better place for a great many of our young people."*



THE PRO CHANCELLOR'S WORDS

Datuk Wan Zulkiflee Wan Ariffin

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Grooming future talents is at the heart of UTP's contributions to the oil and gas industry. It ensures the sustainability of the business and keeps the momentum moving, even in challenging times.

As a premier institution that specialises in engineering and technology, UTP plays an instrumental role in nurturing industry-ready graduates. From just a handful of students in 1996, it now enrolls over 8,000 students from more than 60 countries in fields such as geosciences, petroleum engineering and chemical engineering. Many of these graduates will continue to make a positive mark not only in PETRONAS, but in oil and gas companies around the world.

In current times, the hallmark of a modern university does not rest merely on commendable academic performance, but rather on the ability to equip the younger generation with diverse skills. The shifting global business landscape requires graduates to have a good blend of hard and soft skills and become well-rounded in adapting to new challenges. They must rise beyond their fields of expertise to become competitive as future industry leaders. In putting their best foot forward, I strongly encourage the





faculty and students of UTP to enhance their flexibility and nimbleness, given the wealth of potential and resources that are already in place.

Since its establishment two decades ago, UTP has produced numerous competent and versatile personnel who are able to ensure the sustainability of an organisation. To date, more than 90% of oil and gas companies in Malaysia recruit from among its graduates, indicating that they are much sought after in terms of skills and aptitude. Its prized alumni also bears testimony to the strengths of the programmes, as they continue to cultivate a culture of lifelong learning that inspires the next generation.

The University is also growing from strength to strength in pioneering research and creating innovative solutions. I am proud of the numerous

research successes attained by the professors and students of UTP in the fields of enhanced oil recovery, deepwater technology and green technology, among others. These achievements have successfully contributed to its debut in the QS World University Ranking 2016/2017, besides sustaining its position as the only private university in Malaysia to have earned a 6-star rating under the 2015 Malaysia Research Assessment Instrument (MyRA).

The collaborative spirit that UTP champions through its links with the industry and educational institutions is also commendable. As Malaysia progresses to become a technological and innovation centre for the oil and gas industry in Asia-Pacific, there's a need to continuously build meaningful partnerships.



In enhancing the quality of graduates, UTP has cooperated with top companies such as Shell, ExxonMobil, Schlumberger and Huawei Technologies on technology exposure and job placement programmes. In 2016, UTP also became the first Malaysian university to implement the well-known Cambridge Admissions Testing Service. The stringent selection of applicants for foundation and undergraduate courses illustrates a significant intent to attain world class educational excellence.

At the forefront of higher education is an enduring commitment to transform lives through unparalleled quality of teaching and to generate world-changing ideas through substantial

research. I hope that many more oil and gas companies will continue to tap the potential that lies in UTP to ensure a continuous pipeline of talents that can enable the industry to thrive.

I am confident that UTP will continue to maintain its high standards through the energy and enthusiasm of its faculty and students, and I look forward to the many exciting things that UTP is set to achieve.

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CHAIRMAN'S REVIEW

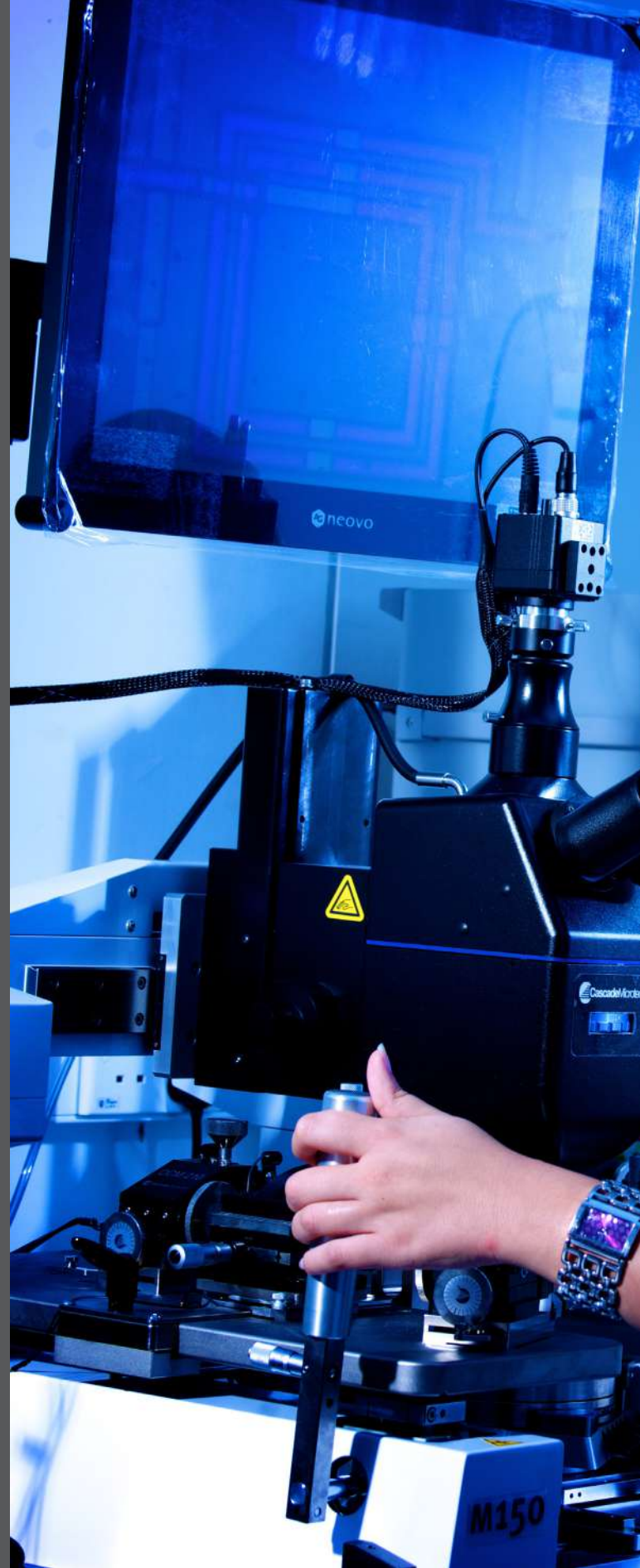
Dato' Raiha Azni Abd Rahman

Everything that is today,
is the culmination of all
the choices that have
gone before. Similarly
everything that will be
in the future, will be
the consequence of all
the choices that will be
made henceforth.

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Choice then, a small word of just six letters,
plays a key role in the grand scheme of things
in every aspect of life. The onus is on us to
make good and responsible choices that will
lead to the results that are good and desirable.
This is applicable both to the individual and to
institutions or groups.





UTP certainly has made good choices and decisions in the past 20 years. These have brought the University to the commendable and respectable standing it holds today in the world of academia. The work and the initiatives UTP has put in place have also lifted it higher in the field of research, and has set the stage for further accomplishments in this arena, both locally and globally.

As a premier university in Malaysia, especially one that produces engineers and technologists for the country's all-important field of oil and gas, UTP shoulders great responsibility. With the university being the final step and mould before they embark on their careers, we must continue to create a conducive and nurturing environment for the graduates to cement the principles and values that they will carry with them.

Finally, in pursuing the goals and targets of the University, we must always remember that our first responsibility is to uphold honour, trust and integrity in every action that we take and in every move we make. Therefore, while we pursue honourable and worthy goals and aim for the stars, we must not forget to choose to be conscious of the responsibility we hold as a shining example of education in the truest sense of the word.

VICE CHANCELLOR'S REPORT

Datuk Ir (Dr) Abdul Rahim Hashim



These are exciting times indeed!

This is the best way to sum up UTP's journey through 2016, as we look forward to and anticipate more in the years to come, because it was truly a year to be proud of.

As far as annual reviews go, this 2016 edition is certainly one that will go down in history as one which documents some of UTP's most exciting and commendable achievements to date. Some were goals that were the culmination of months and even years of time, effort and hard work, while others were achievements that surpassed even our own expectations and projections.

We have brought UTP from its humble beginnings in 1997 to the prestige it has earned today as Malaysia's premier engineering and technology university. Not only are we securing and cementing our position in Malaysia's higher education arena, we are also making remarkable progress on the global stage as we work towards becoming one of the world's most recognised institutions of higher education as well as research centres.

Closing our 20th year of operations, our crowning achievement was the coveted Quacquarelli Symonds (QS) 5-star rating which we were awarded just a few days before the end of the year. Certainly deserving the first mention among all our achievements and successes of the year, this places us among the ranks of world elite universities such as Cambridge, Oxford, Harvard and Caltech. We are humbled, yet proud, to be among the privileged group of only 57 universities among the 26,355 in the world to hold this ranking. I must mention that UTP is also the very first and only private university in Malaysia to achieve this level of excellence.

Excitingly, we also successfully broke into the Times Higher Education (THE) BRICS & Emerging Economies ratings. Clocking in at number 91, we are among the top 100 best research-led universities in the developing world. Only the very best make it into this list, so our success marks a significant breakthrough into this prestigious class.

Additionally, UTP also for the very first time saw its name in the THE World University Rankings, between the 601 - 800 band. While these successes in rankings and ratings were the

highlights of the year's achievements, 2016 was also peppered with numerous other successes and milestones.

The Malay proverb "sedikit-sedikit lama-lama jadi bukit" is the best illustration as to how we regard our every achievement and success.

UTP marks its successes not only by formal awards and recognitions bestowed on the University as an entity by itself. Our successes are also measured by each and every accomplishment - big or small - of the individuals who make up our community, be they staff or student.

We celebrate the various successes of our academic staff who were recipients of the Private Education Excellence Award and our second researcher inducted into the Top Research Scientist Malaysia hall of fame, among others. We also laud the efforts and accomplishments of our researchers who secured RM73.5 million from the Petroleum Research Fund for three major projects. These are testament to the increasing research output by our scientists and the value they bring to the community through their ideas and innovation.



Deeply embedded as one of our primary goals, our work towards becoming a research intensive university continues with efforts not only directed towards science and technology but also in education and its delivery as we train the next generations of the workforce. We are also very conscientious in ensuring that our students develop into the best they can be in all spheres so as to position them to succeed and excel in life.

There are many, many other milestones, events, accomplishments and recognitions that have made 2016 one of our best years yet. I have only highlighted here a few of the key successes for

the year and I will let the rest of the report speak for itself in the following pages.

Meanwhile, reviewing our plans and goals for the year, it is with great delight that I can say that we have met most of our goals and targets for the year. This is indeed an accomplishment that we are very proud of, and the knowledge that our hard work and efforts have paid off is in itself a gratifying reward. New ones will be reset as we head towards our 21st year and for this our latest blueprint for the future has already been implemented with many of the initiatives already taking off.





Finally, let me share and expound on a phrase I came across recently - when one teaches, two learn. So, interestingly, while we are educating the next generation, the reality is that we are learning as well. What are we learning then?

UTP is first and foremost learning what it takes to become a world-class research university. We are learning how to climb to the top of the ladder in world academics and how to maintain and improve upon our quality and excellence. UTP is also learning how to grow with the times and how to educate and handle the Millennials who are starting to knock on our academic doors as undergraduates. We are learning to work synergistically and strategically with partners in industry as well as our fellow education and research institutions around the world.

We bravely proclaim that we are still learning and we will always be learning as there are no bounds to knowledge. Learning is a lifelong venture that must be embraced. So while we endeavour to inculcate and nurture a love for lifelong learning

in our students, we must set the example first. The best part is that what we learn becomes a part of who we are and as we learn we also create new knowledge.

Having said this, as an institution of education and a research centre, UTP is not only creating and transferring knowledge. More importantly, it is facilitating the practical application of this knowledge in its various forms and functions for the ultimate benefit of society and human activities.

Following in the footprints set down by our forefathers, all we do at UTP today will become footprints for those who come after us. It is my fervent hope and aspiration that the foundation on which we are currently building on, will only become stronger to take UTP further on in the decades to come.

I am truly looking forward to see who we can become as we head Towards Global Prominence.

ACHIEVING OUR GOALS

Continuing the work of the Transformation Office, the Project Management Office (PMO) now holds the task to ensure that UTP operates at its optimum capacity and potential, with every division and sector working effectively and productively to achieve the goals outlined. Riding on the numerous successes and achievements of the University in 2016, this office will continue to leverage on the momentum to successfully implement strategic initiatives in the three main areas of Academics, Research and Student Development & Alumni.

The primary goal is to realise the successful implementation of all strategies within the planned time frame as outlined by UTP's new S-curve for the Phase 5 Masterplan of its development. It is set to be the crucial tipping point to take UTP to a new and higher level of success.

The ultimate goal that the PMO is currently working towards is for UTP to be recognised as a Partner of Choice by 2020 and to attain a Top 200 ranking in the QS World University Rankings by 2025. Meanwhile, the office has

been busy engaging every department and every staff member in UTP to create a dynamic and proactive team, pitting the strengths, wits and knowledge of every available person to work towards the common goals.

With this formidable, yet exciting responsibility in hand, the PMO team is taking it step by step to ensure that every action is beneficial and every decision is advantageous. With various teams, workshops, working groups, steering committees and action labs addressing different challenges and strategies, it is a "go for launch."

In the nine months since the PMO came to be, the office has monitored the implementation of initiatives and programmes of the Action Labs set up by its predecessor, the Transformation Office. It has also identified two more Action Labs - the Research and EcoSystems Labs - that will be established in 2017.

It has also started looking into positioning UTP in the Weber Matrix ratings and climbing up the ranks of the QS and Times Higher Education ratings.



TIER 5 (EXCELLENT)
Rating for Teaching and Learning





PUSHING THE UNIVERSITY'S STRATEGIES AND PLANS FORWARD

UTP's Strategic Alliance Office (SAO) has been hard at work to push the university's strategies and plans forward Towards Global Prominence.

The key task of this department is to identify potential partners and to lead and oversee collaborative efforts while simultaneously leveraging on such collaborations to take UTP towards its goal. Basically, it functions as the enabler and facilitator of collaborations.

In 2016 the SAO successfully expanded certain strategic collaborations with government agencies such as Agensi Inovasi Malaysia (AIM) and the Malaysian Petroleum Resource Corporation (MPRC) as innovation enablers. It also improved on partnerships with industry,

especially the oil and gas sector with reference to the MPRC. The SAO successfully developed the operational model for UTP's KL office, which is now known as the Centre for Advanced and Professional Education or CAPE.

Established in May 2016, CAPE was set up to provide flexible post-bachelor degree courses and offers sustainable programmes and modules for professional short courses. With the provision of a platform for flexible learning, with opportunities for a diverse range of learners and access to UTP's vast intellectual resources, CAPE aims to be the sought after partner for those looking to expand their training, skills and knowledge.

While UTP always works as one big community which relies on each other's strengths, it can be difficult to collate data from various offices and custodians. In 2016, the SAO started working on a new collaboration management model, based on clustering, to address this issue. This management system will also support the strategic initiatives that are both top-down and bottom-up.

Constantly evolving, changing and improving, one of the key thrusts of the SAO will now be to work towards fully leveraging on the opportunities from the various networks available to UTP.

The department aims to be a referral centre for collaboration, not just for UTP, but also for external stakeholders including local and national industries and universities alike. For this, the SAO is looking forward to working closely with all parties in UTP, including faculties, departments, research centres, Mission Oriented Research centres, CSIMAL and other supporting units in driving the agenda of collaboration.

“Education is the most powerful weapon which you use to change the world.”





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UPHOLDING OUR RESPONSIBILITY

UTP's Corporate Social Responsibility activities expanded in 2016, in line with our vision to be an inclusive and all-encompassing university. As part of the community UTP strongly upholds its responsibility as good citizens to contribute to the benefit and development of society in its role as a corporate citizen.

With the people and the community remaining at the heart of UTP's agenda, over the years we have strengthened our contribution in the key areas of education, socio-economy development and the care of the environment.

In 2016, we continued to focus our CSR approach beyond philanthropy and concretely moved towards structured activities that emphasise long-term and sustainable positive change in the lives of the target communities. This is a holistic approach that involves equipping the target groups and communities with skills, knowledge, confidence and the necessary market access to be economically active and independent.

We are also connecting those who are in need with those who have the wherewithal to give, and in our experience there is no shortage of organisations, corporations and individuals who are willing to lend a hand. This is an approach which we feel will be more sustainable and meaningful in the long run.

In the area of education this year, the CSR department continued to work on "educating to innovate" our secondary school students. Under the E2I initiative, we reached out to more than 800 students through various activities conducted around schools in Perak. The programmes encompassed language skills, programming, mobile app training, study skills, critical thinking and various other motivational and development programmes.

All these were targeted at improving academic performance, promoting understanding of STEM, extending knowledge and providing pathways towards future economic growth for the students.

THE UNIVERSITY'S VERY FIRST BRAND LAUREATE AWARD

The UTP Brand was recognised in the Best Brands category for Tertiary Education - Engineering Science and Technology, clinching our very first Brand Laureate Award as we took home the President's Award 2015-2016.

Conferred by the Asia Pacific Brands Foundation, this is testament to our concerted focus on continually enhancing the quality of our academic and research initiatives.

Branding and positioning UTP as a leading engineering, science and technology university is an all-important step as we shore up our credibility and position in the global education and research arenas as we push forward to an exciting future.



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LINKAGES AND PARTNERSHIPS

Strategic alliances and mutually beneficial partnerships have been the lifeblood of UTP from Day One, commencing with the tie-up with PETRONAS as its parent.

These alliances and partnerships continue to be an integral part of the University and today, more so than ever, UTP is cognisant of the fact that one of the key drivers Towards Global Prominence and its climb up the ladders of academia and research is key strategic alliances and industry partnerships.

Firstly, industry input and participation continues to be one of our main go-to sources when evaluating and reviewing our curriculum. With the rapid changes both in industry itself as well as the economy as a whole, information from the field - via the Academic Advisory Council - remains vital in aligning our curriculum and strategies with industry and market needs.

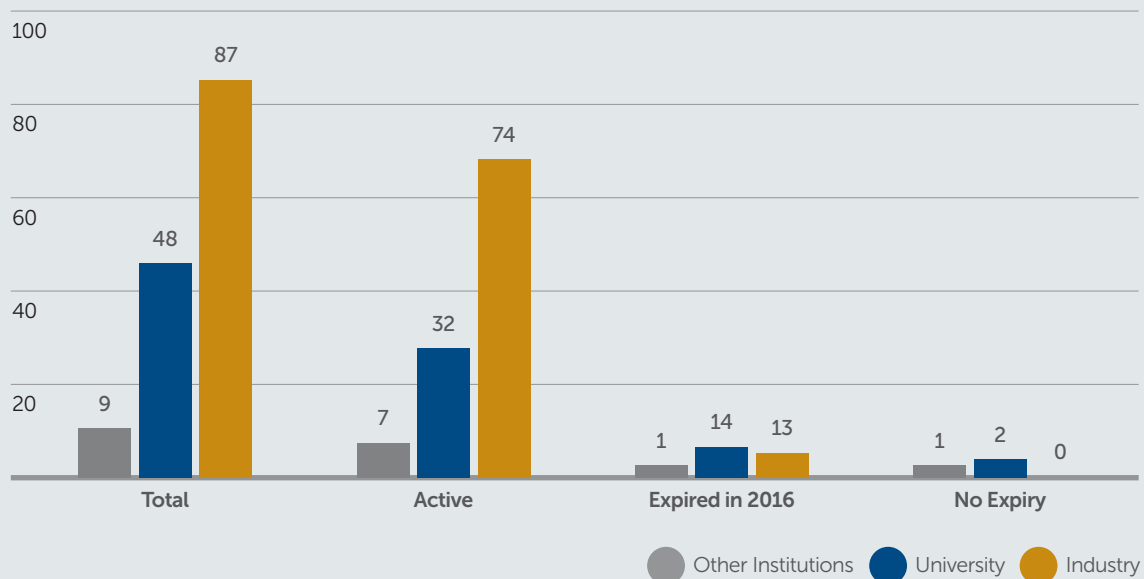
With the help of the Strategic Alliance Office and the Project Management Office, UTP successfully connected with 87 universities, 48 industries and nine other companies and organisations for various networking opportunities and mutually beneficial arrangements in 2016.

Our position as the premier engineering and technology university in Malaysia and our link with PETRONAS places us in an enviable position to tap into industry strengths and alliances. Expanding our network as we push forward will continue to give us the advantage of constantly staying in the loop and keeping abreast with changes and developments.

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Summary of Memorandums of Understanding for the Year 2016





TRANSFORMING THE MANAGEMENT OF STUDENT PROCESSES WITH TRIBAL

16 February 2016

UTP adopted Tribal's SITS: Vision student management system. To better manage student processes. This system will help us to smoothen the administrative processes from admission to graduation while simplifying matters for the students as well.

This system, from a globally-recognised provider of word-class student management systems and analytical services, will better facilitate application and enrolment as well as other student support issues.

The transformation of these processes will ease administrative work and bring about better efficiency in management.



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PEMBROKE COLLEGE CAMBRIDGE VISITS UTP

07 April 2016

The Master of Pembroke College Cambridge, Lord Smith of Finsbury paid a visit to UTP as a follow up to a MoU signed in January 2015. With this MoU, UTP is looking forward to working with Pembroke College in various areas and these include secondments, student placements, workshops and seminars, lectures and various other programmes of mutual interest and benefit.

This extends and expands UTP's relationship with the University of Cambridge, a link that dates back to 2012, strengthening ties between the two institutions.

Currently, UTP utilises the Cambridge Admissions Testing Service (ATS) for the selection of students each year. The programme was implemented in April 2015 and it is an invaluable tool that helps us select our applicants.



CATALYSING DIGITAL LEARNING WITH CELCOM

09 May 2016

In keeping with UTP's commitment to remain relevant and contemporary as a modern technology-based university, we tied up with Celcom Axiata to expand our wireless facilities in the campus.

With this, we are the best internet connectivity spot in Bandar Seri Iskandar. We are looking forward to faster internet at a minimum of 1Gbps, improved connectivity and better connections with 600 WIFI access points in campus, accessed by secured and unique IDs and passwords. The multiple internet data plan at a minimum of 22.5 Gigabytes per month will be the students' doorway to limitless information and learning.

Celcom Axiata will also be involved with UTP through internship programmes and entrepreneurial opportunities and it will also become one of UTP's Industry Advisory Panel members.

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ICHEME SAFETY CENTRE STRENGTHENS COLLABORATION IN MALAYSIA THROUGH UTP

16 May 2016

The IChemE Safety Centre (ISC) signed a Memorandum of Understanding (MoU) with Universiti Teknologi PETRONAS (UTP) through its centre, Centre of Advanced Process Safety (CAPS). It was signed at the IChemE Hazards 2016 conference in Singapore.

The MoU establishes a framework for collaboration and technical coordination between CAPS and ISC in the important areas of process safety education, continuing professional development and strategic leadership.

This is an important move that will help industries in Malaysia and perhaps the Asia Pacific region to make good use of the latest process safety tools, training, and services.

The MoU also provides a great opportunity for both organisations to build strategic links and partnerships with industry, government and other international bodies in Malaysia.

COLLABORATING TO PROMOTE PROCESS SAFETY IN INDUSTRY

30 May 2016

UTP, through its Centre of Advanced Process System (CAPS), was given an opportunity to collaborate with the National Institute of Occupational Safety and Health (NIOSH).

The MoU will cover various training and service activities, which include staff development programmes, module development and delivery, consultancy services, research and development and commercialisation in process safety.

In the future, the University hopes to work closely with NIOSH, particularly in the enhancement of process safety knowledge and competency in Malaysia.

CAPS was established as a platform to provide opportunities for the pursuit of knowledge and expertise through the advancement of process safety. The centre's vision is to become a recognised referral centre and a partner of choice in process safety in Malaysia and Asia Pacific by 2025. Currently, the centre has very strong collaboration with process industries including PETRONAS, regulatory bodies such as DOSH and process safety related institutions such as the Mary Kay O'Connor Process Safety Centre (MKOPSC), Centre for Chemical Process Safety (CCPS) and recently The Institution of Chemical Engineers (IChemE) Safety Centre.

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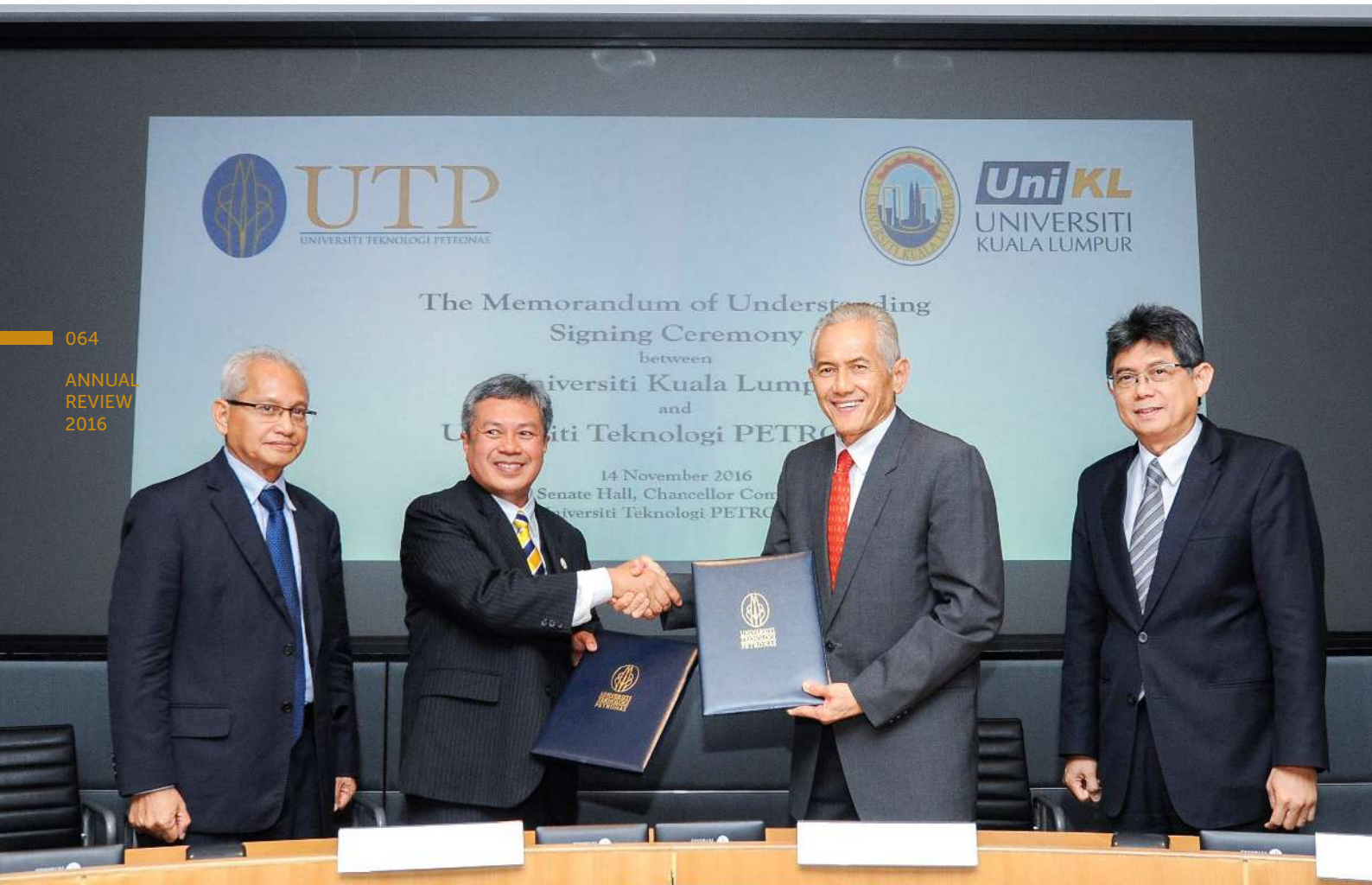


TEAMING UP WITH UniKL

14 November 2016

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UTP teamed up with UniKL MIMET to work together in various academic, research and innovation programmes as well as product commercialisation and technology development in the marine industry. This will also strengthen its strategic partnership in the Oil and Gas industry.



STRATEGICALLY PARTNERED AS GLUs

21 November 2016

UTP joined UniKL, UNITEN and MMU in a strategic alliance to strengthen higher education in Malaysia.

This academic alliance will work towards promoting the interests of Government Linked Universities (GLUs), developing policies and guidelines, advancing the internationalisation of GLUs and promoting collaboration with other Malaysian and foreign universities.

Driving strategies to strengthen academic output and enhance research and development efforts, the four varsities will endeavour to create sustainable institutions. They will tap on each other's potential to become Malaysia's Leading Education Group and emerge as significant players in the international higher education arena.

In reviewing performance for any given time frame, each accomplishment, every success, all achievements and each step taken should rightly be viewed and evaluated in relation to the goals and targets set.

This not only gives one a clearer perspective of what has been achieved but also positions one to better set new goals and targets.

In this context then, to say that I am happy with what UTP has achieved in 2016 would truly be an understatement. This is because 2016 has been a landmark year for us in terms of academics.

While our students continue to excel, and in doing so validate our efforts, the year was even more exciting as we made significant inroads into the global elite group of academia.

2016 ended remarkably well with yet another outstanding achievement. UTP is now rated 5-Stars by Quacquarelli Symonds (QS). This rating has positioned us amongst the world class elite universities such as the University of Cambridge, Stanford University, the University of Oxford, Harvard University and California Institute of Technology (Caltech) that have also been rated as 5-Stars. This is just after our debut in the prestigious Times Higher Education BRICS

& Emerging Economies Ranking 2017 whereby for the very first time, UTP was ranked at number 91! This places UTP amongst the top 100 of the best research-led universities in the developing world.

Research-wise, we maintained our 6-star rating under the Malaysia Research Assessment Rating System (MyRA).

While we are delighted with our achievements, we should not spend too much time patting ourselves on the back. Instead, now is the time to push even further and challenge ourselves to aim even higher, for we are not THERE yet.

Also, as success is a journey, it is the momentum and the constant striving for improvement that will keep us on top of our game. This is crucial not only for us to maintain and uphold our standards but to keep abreast with changing times and evolving needs. In the context of performance and progress, be it for an individual or an establishment, there are only three directions - to grow, to stagnate or to regress. Here at UTP, we are definitely growing!

VIEWPOINT OF DEPUTY VICE CHANCELLOR ACADEMIC

Prof Dr Mohamed Ibrahim Abdul Mutalib

ACADEMICS AT THE UNIVERSITY

Businessman, philanthropist and author W Clement Stone said that a person is a product of his or her environment and advocated that a person should choose the environment that developed one towards his or her objectives.

I believe that for a university, the environment can be divided into a few areas.

In the past 20 years, we have built and expanded on a physical environment that is conducive for learning.

From humble beginnings with only a transfer programme in 1997, this conducive environment today supports our foundation programme, 11 undergraduate programmes and 30 postgraduate programmes.

Our intake was relatively maintained this year with the admittance of 1,528 students for foundation and undergraduate programmes compared with 1,699 for 2015.

This year, we celebrated the graduation of 1,469 students who proudly walked away with 1,244 degrees, 138 masters and 87 PhD qualifications.

These students, who go out and make a difference and contribute significantly to industry, attest to the quality of our training and education. The validation and recognition we have received this year from global accreditation bodies further gives us invaluable credibility and recognition on the world stage.

More importantly however is the environment that is created by the students and the academic staff. These are effectively the two most crucial players on the university stage and they are by no means independent of each other. In fact the ideal environment is a symbiosis between the student and the instructors whereby they bring out the best in each other and challenge each other to grow and improve.

I believe that UTP has nurtured the right environment to challenge both our students, and staff, not just academically but also in terms of overall personal growth and development.





CHALLENGING THE ACADEMICS.... DEVELOPING THE STUDENTS

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As crucial partners in the academic division, the academics, professors and lecturers of today are challenged to upgrade their approach with the times. Who dares to teach must never cease to learn and so we are in a constant flux of positive change.

UTP has put in various initiatives to encourage and motivate our teaching staff. These include research opportunities and facilities, training in various areas and opportunities for networking and development. Our staff are also strongly encouraged to participate in CSR activities.

We are also constantly on the lookout for the best people that academia has to offer to increase the size of our faculty. Currently our lecturer to undergraduate ratio stands at 1:17, we are looking to improve this to 1:15 the soonest possible. This will pave the way for better teaching approaches by employing smaller classes while also freeing up time for the academicians to delve into research and supervisory roles. It will also enable them to increase networking activities with industry, take sabbaticals and increase their mobility with international universities via the various pathways and opportunities that we offer.

As for our students, to build a strong and credible academic standing, we need a set of good postgraduate students. Our lecturers would not be able to build our academic profile by themselves. We are increasingly selective in admitting graduate students and via our Graduate Assistance Scheme we provide them with the opportunity to enhance their skills along the way through participation in various academic and



non-academic events and activities. While we have a respectable number of Masters and PhD graduates each year, we continue to strive to increase this number and further strengthen our reputation as a centre for postgraduate studies.

With a proven mechanism to monitor progress we are thus able to steer them in the right direction and draw out the best from them.

TOWARDS THE PINNACLE OF ACADEMIA

Over the years, we have been very clear of our direction and have successfully aligned ourselves with our goals and vision. Many a time we have superceded our targets, especially from 2010 onwards when we quantum leaped into Academics and Research.

With all our achievements to date, I can proudly say that we are indeed strong in academics and our success is supported by our stakeholders.

Progress requires us to not only maintain what we have achieved but also to strive for improvement and higher goals. It also requires us to honestly evaluate our shortcomings and to learn from them.

In my view, weaknesses are not mistakes; they are relative to the ideals that we strive for. The way to push through then is to work harder towards our goals and aspirations.

Taking UTP forward, while we started in our niche in oil and gas, we want to evolve into a university that produces excellent graduates in other technology areas and also build up our repertoire of social science and humanities subjects.

While we put in place everything needed to develop our students, we are also cognisant of the need to emphasize on the development of good values and character. The basic tenet of a university is to impart learning and the most important knowledge one needs to internalise is how to be a good and responsible global citizen who is a benefit and blessing to the people around him or her.

For at the end of the day knowledge is power, but applied knowledge is even more powerful.

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CSIMAL... ENRICHING THE EXPERIENCES OF OUR STUDENTS

As part of the movement Towards Global Prominence, a key element is UTP's Student Mobility Programme, undertaken by the Centre for Student Internship, Mobility and Adjunct Lectureship (CSIMAL). The department has six portfolios under the Student Mobility Programme, namely:

1. Student Industrial Internship Programme (SIIP)
2. Student Exchange Programme (SEP)
3. Research Attachment Programme (RAP)
4. Summer Educational Programme (SUP)
5. Intensive Learning Programme (ILP)
6. Special Education Trip (SET)

CSIMAL continued to do well in 2016, sending 353 students overseas under various programmes. This figure has been steadily increasing since 2014, a fact that proclaims our students have increasing exposure to the international community. UTP was represented in 48 countries, among the most notable were the USA, UK, Japan, China and Turkey. These were the countries which hosted UTP students under the Student Industrial Internship Programme (SIIP), the Summer Educational Programme (SUP) and the Student Exchange Programme (SEP).

CSIMAL also played host and welcomed 210 students from 18 countries. The majority of these international students came in for UTP's Summer Educational Programme (SUP) and Research Attachment Programme with students mainly coming in from France, Indonesia, Thailand, Sudan and Japan. The SUP generally introduces international students to Malaysian culture, heritage and language to familiarise themselves with the country.





UTP also introduced the Intensive Learning Programme (ILP) in 2016 which sees CSIMAL collaborating with the Academic Department to host students for two to three weeks. This programme offers students intensive engineering courses of their choice for the short duration.

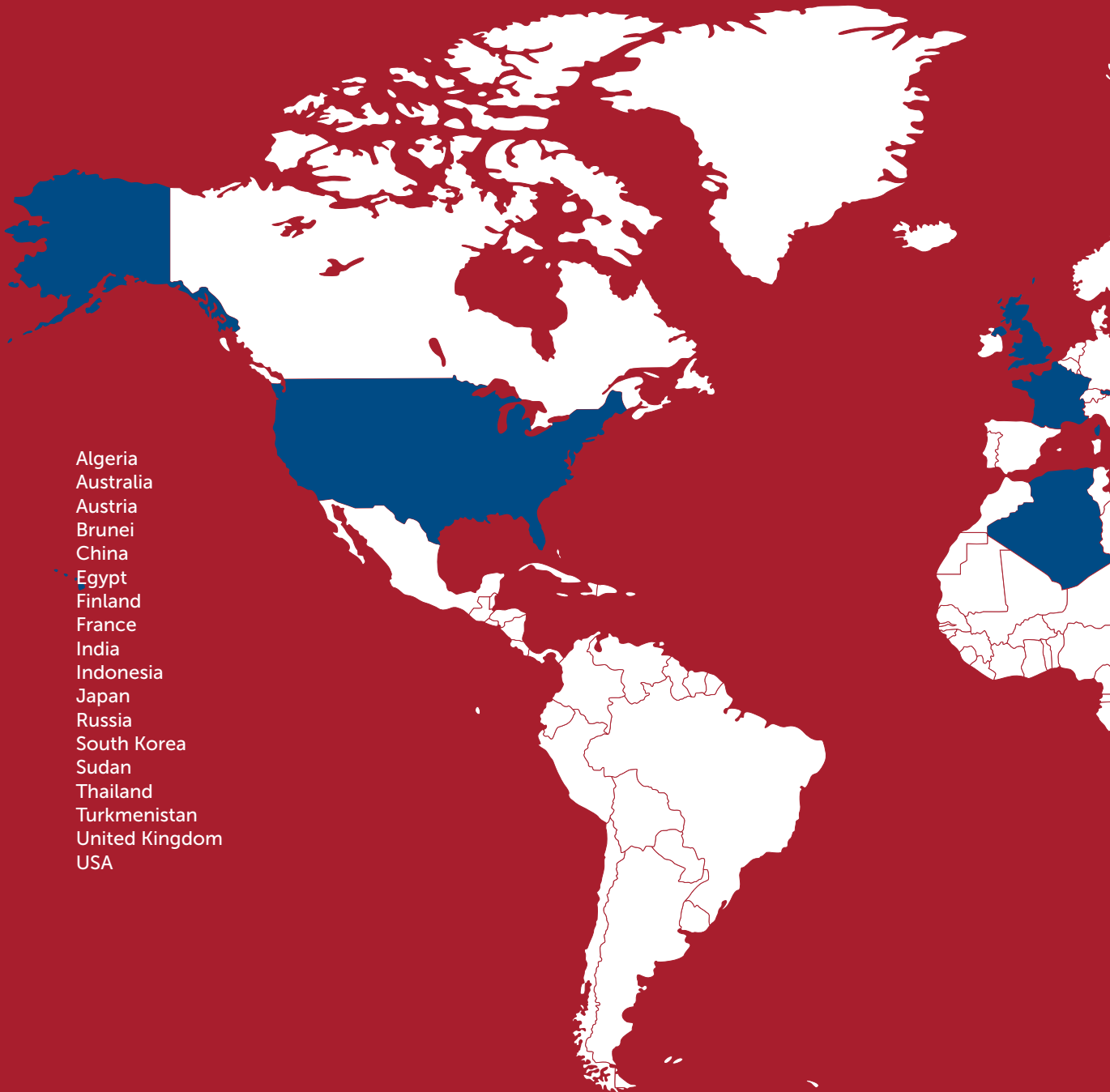
Both the SUP and ILP also include excursions to various parts of Malaysia to enhance the experience of visiting international students. The Petroleum Engineering, Chemical Engineering and Civil Engineering departments have successfully collaborated with CSIMAL for these two courses. Meanwhile the Mission Oriented Research (MOR) centres and the Academic Division have played significant roles in our Research Attachment Programme.



CSIMAL attributes the increased numbers in both Outbound and Inbound Mobility to continuous promotion to and networking with Partner Institutions. There has also been invaluable support from our academicians, departments and MOR centres to promote and engage with Partner Universities. Financial assistance from YUTP under the Mobility Financial Assistance Scheme (MFAS) for Outbound Mobility also contributed significantly with RM500,000 allocated for the 2016 outbound programme.



Inbound Mobility

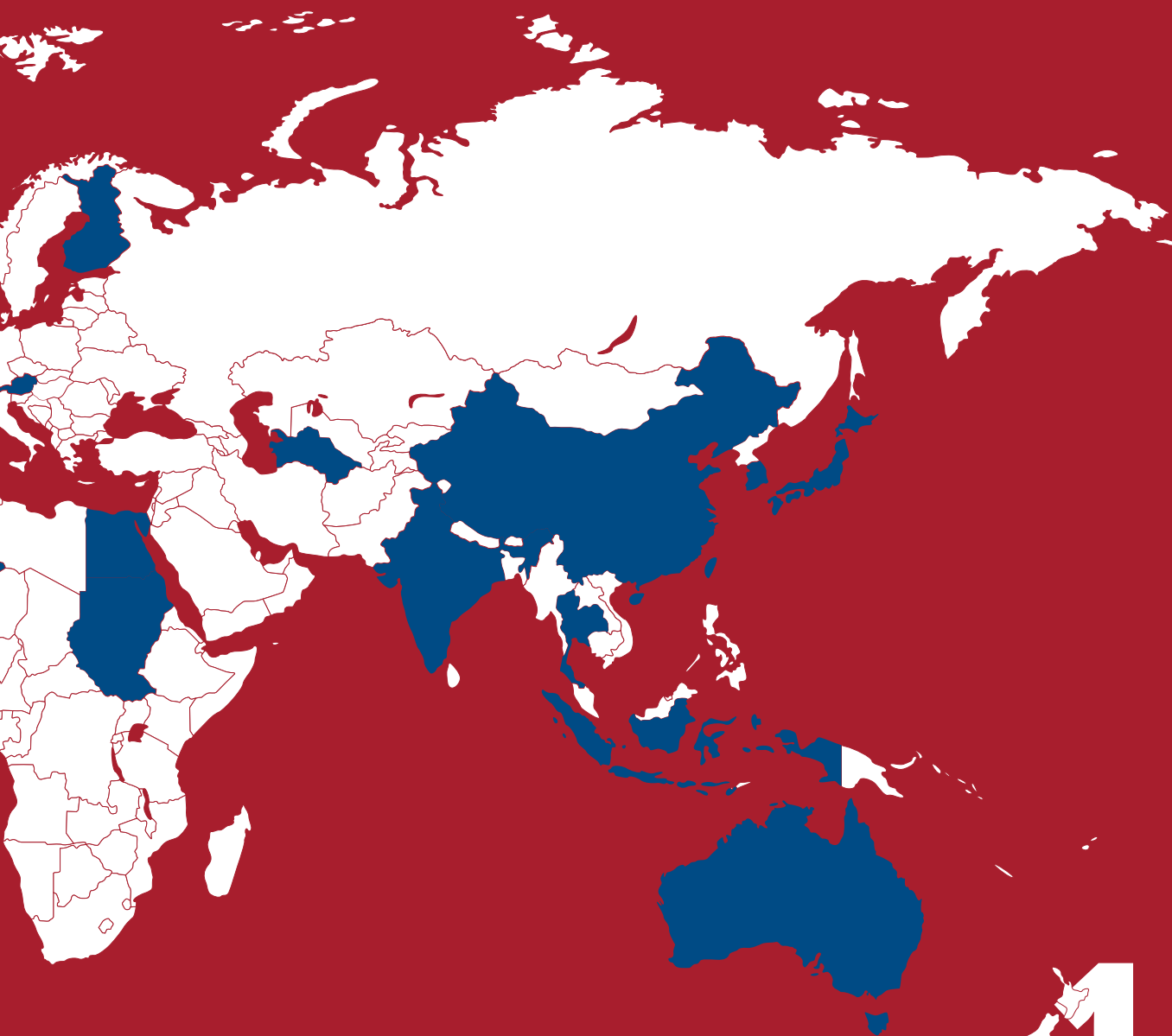


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Algeria
Australia
Austria
Brunei
China
Egypt
Finland
France
India
Indonesia
Japan
Russia
South Korea
Sudan
Thailand
Turkmenistan
United Kingdom
USA

By Country (2016)

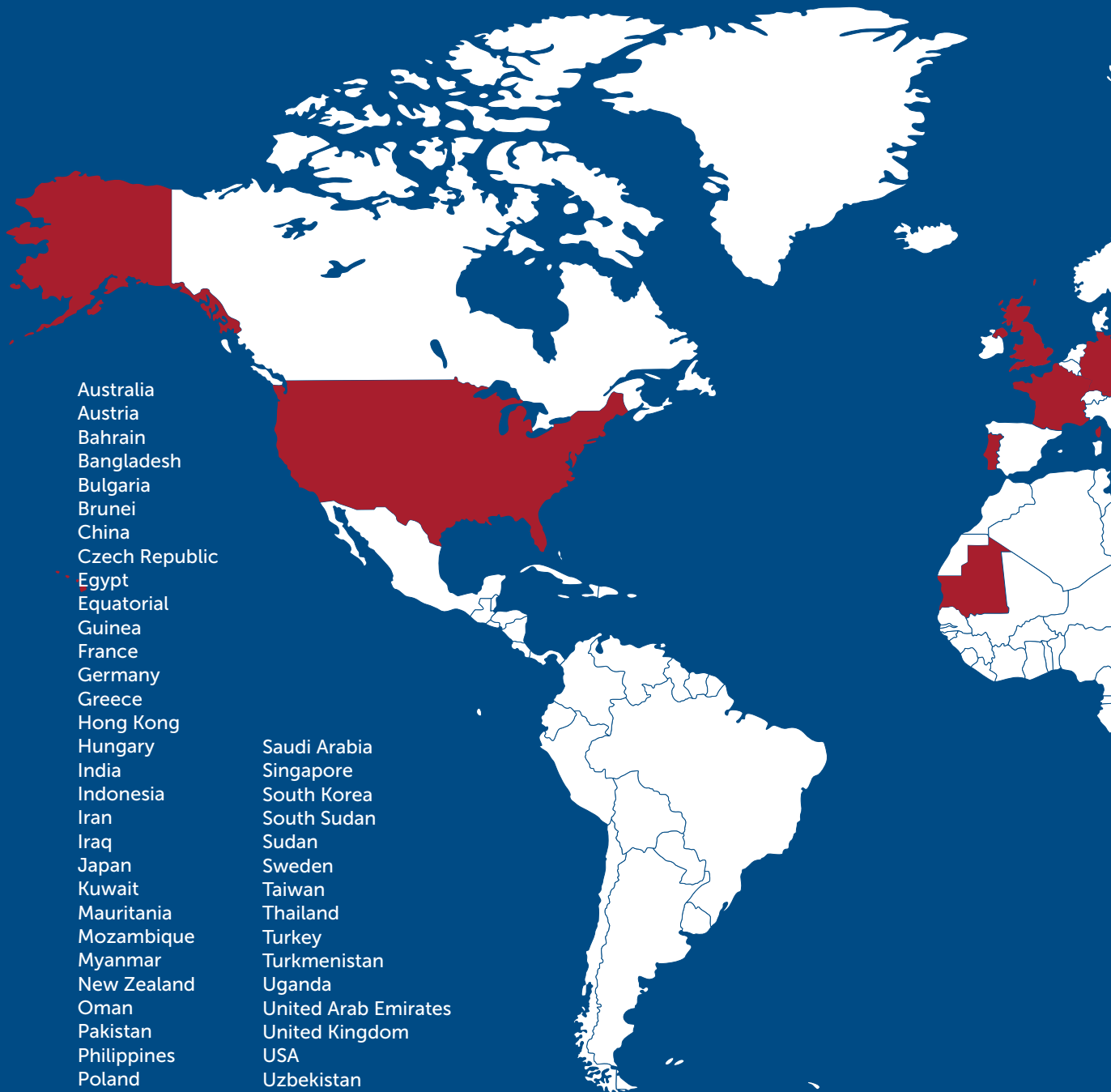


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18
countries

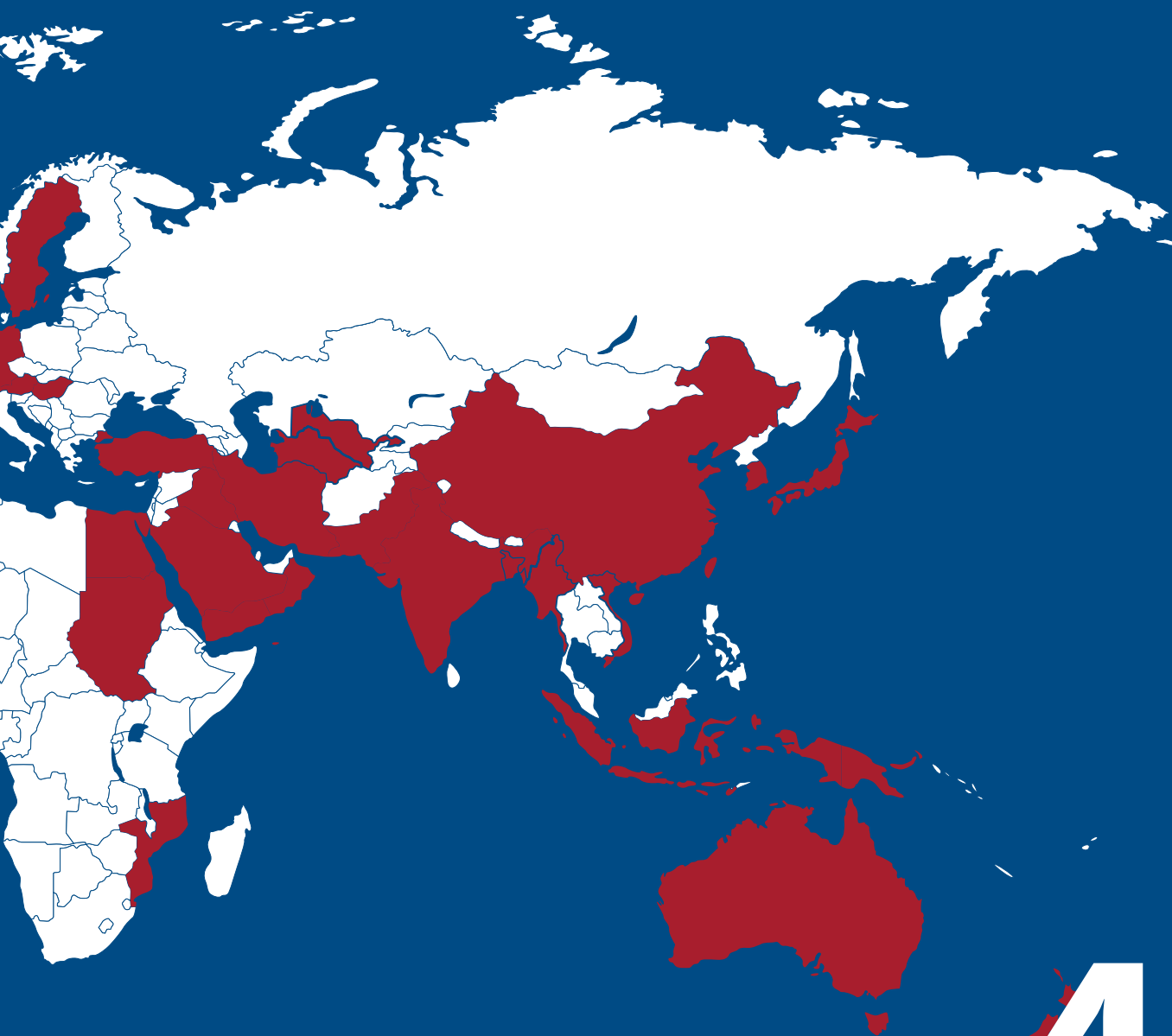
Outbound Mobility



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By Country (2016)



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47
countries

CETaL ... REFINING TEACHING METHODS

UTP's Centre for Teaching and Learning (CETaL) continued to take significant strides towards promoting upgraded and contemporary teaching methods in keeping up with the times. Since the department was formed in the latter part of 2014, the team has put in great effort to gather new information and to teach and train UTP staff on better methods of teaching and the delivery of knowledge.

While it is looking into this key development area, CETaL is also constantly working on creating awareness among UTP staff. This is effectively the all-important first step that will catalyse the change that is inevitably necessary as UTP heads towards the future.

As one of the youngest research centres of UTP, CETaL is doing very well for itself. Its work in 2016 was focussed on four objectives:

- To encourage lecturers to be innovative in designing flexible models of learning
- To look into the use of technological devices for academic delivery
- To enhance research creativity
- To increase the awareness of the academic staff on the functions of CETaL

Towards these objectives, CETaL organised numerous events and activities for the year which saw increased participation from UTP staff. As of the end of 2016, 46% of UTP's academic staff were associate members, a positive increase from the 32% in 2015. Meanwhile 80.8% of the University's academics were engaged with CETaL.

The two-day annual Teaching and Learning Innovation Festival was held at the end of the year. CETaL's newsletter made its debut here and this publication, outlining CETaL's functions and work, will be disseminated to UTP staff as well as to other institutions and organisations.

As for its activities in the Scholarship of Teaching and Learning (SoTL), a total of 24 projects commenced during the year while 24 grants amounting to RM666,090 were disbursed.

The unit also sent 10 delegates to the I-Phex and RCEE expos, with five participants representing UTP in each one of them.





ACADEMIC EXCELLENCE



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The Academic Division is pleased to report that figures across the board increased despite the less than favourable conditions of the economy as a whole.

Despite the downturn that has plagued the oil and gas industry since 2014, we still continued to secure interest and applications for admittance, both locally and from abroad.

For the whole of 2016, UTP received 7,084 applications, encompassing all its courses, from foundation to PhD across various departments and faculties. Of the applications received, 6,371

were from local students and 713 were international applications. The 250 undergraduate and 1,280 foundation students that were registered for the year were absorbed into our three faculties and nine departments, spread over 12 programmes at all levels.

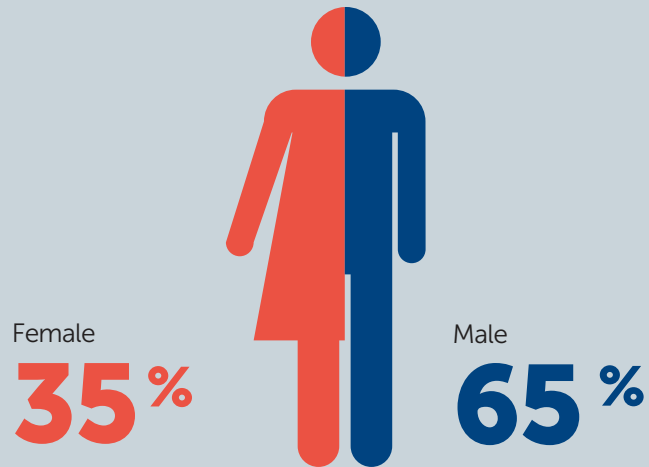
Meanwhile, outgoing/graduating students at the university's 16th Convocation totalled 1,466. They comprised 1,244 undergraduate and 225 postgraduate students. This year we sent off 138 Masters and 87 PhD students, compared to the 132 Masters and 69 PhD students for 2015.

Staff wise, as usual we had incoming and outgoing staff. UTP welcomed 46 new academic staff, of which 20 were local academicians and 26 brought in their expertise from various countries around the world.

The Academic Division had much to be proud of in 2016, achieving many milestones that marked a year of great accomplishments. Here are our highlights for the year in review.

Current Population at

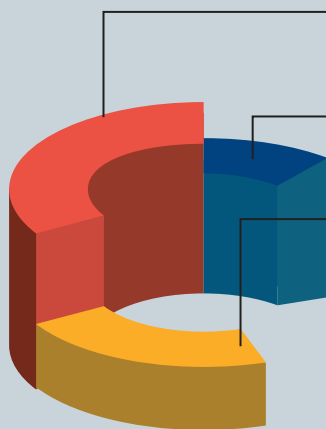
8,622



22%

Science & Technology

Engineering **78%**



Undergraduate

68%

Postgraduate

17%

Foundation

15%



Postgraduate by research

95%

NEW IHS SOFTWARE DONATION

13 January 2016

UTP received a generous donation of software specifically to facilitate the training of geoscience and petroleum graduates. IHS Global Pte Ltd donated USD7.27 million worth of IHS Software that will be used to train our graduates in these fields during their final semester.

This current and most up-to-date software is ideal for extensive production optimisation as well as seismic and geological research development. While an excellent tool for enhancing and enriching the student experience, it will also help us to expand our research capacity and increase operational excellence and academic delivery.

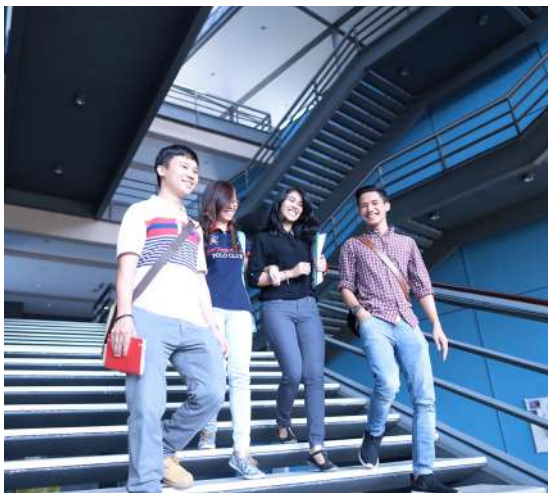


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A CLIMB UP THE RANKS OF QS SUBJECT RATINGS

25 March 2016



Climbing up the ladder Towards Global Prominence, UTP's Chemical Engineering and Mechanical Engineering divisions received an additional boost when they moved up the Quacquarelli Symonds (QS) World University Rankings by Subject.

Chemical Engineering moved from the Top 200 group to the Top 150 while Mechanical Engineering climbed one tier to the Top 200, from last year's Top 250 group when it made its first appearance in the Subject rankings.

Meanwhile, Electrical & Electronics Engineering and Computer Science & Information Systems maintained their positions in the Top 250 and Top 350 respectively.

ANOTHER ONE FOR THE BOOKS

04 May 2016

With the appointment of Professor Dr M Ibrahim Abdul Mutalib in the discipline of Engineering & Computer Sciences, UTP now has four fellows in the ASM.

Prof M Ibrahim is also UTP Deputy Vice Chancellor of the Academic Division. With a Chemical Engineering degree from the University of New South Wales, and a MSc and PhD from the University of Manchester in the field of Process Integration, he is passionate about research and innovation. His area of expertise and focus now

is in the field of ionic liquids with significant potential for replacing conventional organic solvents.

He is also an esteemed leader who holds several key roles within PETRONAS and other government agencies in Malaysia.

Congratulations

Professor Dr M Ibrahim Abdul Mutalib

for being elected as **Fellow of
the Academy of Sciences
Malaysia (ASM)** in the discipline
of Engineering & Computer
Sciences



UTP'S TEACHING EXCELLENCE RECOGNISED

16 May 2016

Four of our lecturers were recognised as outstanding educators in the field of private education in Malaysia, receiving the awards under the auspices of the Private Education Cooperative of Malaysia. They were among 20 recipients who were selected from 250 nominations from 48 educational institutions.

The award recognise the excellent and noteworthy work of teachers and educators of students at all levels and categories encompassing teaching, law education, science, arts and design, engineering, research and innovation and humanities.

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Our winners:

1. Dr Mohammad Tazli Azizan

National Outstanding Educator Award (University Category)

With a PhD in Chemical Engineering, Dr Mohammad Tazli teaches core engineering courses at UTP, with a focus on Reaction Engineering.

He also heads UTP's CETaL, leading the work and activities for research into enhancing and developing better teaching methods for the improved delivery of knowledge to UTP students. His passion for both science and research as well as teaching was indeed well-rewarded with this recognition.

2. Associate Professor Dr Lau Kok Keong

National Outstanding Innovator Award (University Category)

Associate Professor Dr Lau Kok Keong is a Chemical Engineering lecturer and his research is focussed on membrane technology, absorption technology, process modelling and scale-up and Computational Fluid Dynamics. He teaches separation processes, fluid dynamics and thermodynamics at UTP.

He has won Gold medals at the British Invention Show and ITEX as well as a Silver medal in MTE.

3. Associate Professor Dr Irraivan Elamvazuthi

National Outstanding Researcher Award (University Category)

Associate Professor Dr Irraivan Elamvazuthi, a lecturer in the Electrical & Electronic Engineering Department is currently teaching "Control Systems" and "Circuit Theory" at undergraduate level at UTP. His driving goal is to one day help paraplegics walk again. His work is thus concentrated on developing

assistive robotic technologies in the form of exoskeletons for upper and lower limb rehabilitation. This encompasses hardware design and intelligent control algorithms.

Receiving the award for his work in "Robotics and Automation" he has an impressive array of awards, having received, among others, 10 Gold Medals in various ITEX and National and International Robotics Competitions.

4. Professor Dr Azmi Mohd Shariff
*National Outstanding Researcher Award
(University Category)*

Passionate about process safety, Prof Azmi's goal is to enlighten industry about the utmost importance of safety, especially in the highly volatile and flammable environment of the oil and gas industry. He works closely with industry and government bodies to create awards and formulate guidelines and regulations on such matters.

Passionate and committed he has led numerous research projects and secured grants exceeding RM35 million. Having filed more than 20 patents he is also a prolific publisher of papers in indexed scientific journals.

Prof Azmi was also the first UTP researcher to become a member of the Top Research Scientists of Malaysia (TRSM) in 2015. He is in the field of Chemical Engineering and has expertise in Process Integration, Process Safety and Separation Technologies.

1



2



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4



LEAPING FORWARD IN QS ASIAN RANKINGS

14 June 2016

UTP was officially and prestigiously recognised as Malaysia's 6th Best University, emerging in the 127th position in the QS Asian University Rankings 2016. This represented a significant jump from the 2015 position which had placed us between 151-160.

This recognition has been much awaited and is another step towards our climb up this coveted ladder of excellence.

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DISCUSSING A SUSTAINABLE FUTURE AT ESTCON 2016

16 May 2016

ESTCON 2016 was one of the largest congresses ever held in Malaysia, with the participation of some 1,200 delegates from 40 countries in this world Engineering Science and Technology Congress.

This gathering of industry, academia, the government and the public focussed around the all-important issue of a sustainable future in the discussions of business and technology.

The wide range of programmes included topics encompassing leadership, innovation, entrepreneurship and finance to technical topics covering exploration, nanotechnology, green computing, environmental & water resource engineering, infra-structure, geo technology and transportation engineering, among others.

For the second time, the pitching event to connect inventors to business partners and investors was part of the programme. Forty new products were selected for pitching sessions.

UTP also entered into partnership with seven parties for various collaborations and tie-ups from these pitching sessions.

They were with:-

- Uzma Engineering Sdn Bhd
- Universiti Teknologi Malaysia
- ProcessVU Services Sdn Bhd
- HezMedia Interactive Sdn Bhd
- NanoMalaysia
- Hans Design Sdn Bhd

VISITORS



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INTERNAL exhibitors

11

EXTERNAL exhibitors

5

Slip on Sprocket

Assoc Prof Dr Ahmad Majdi Abd Rani

Process Safety Management Information System PS14MS

Prof Dr Azmi Shariff

Age Invariant Face Recognition

Assoc Prof Dr Vijanth Sagayan

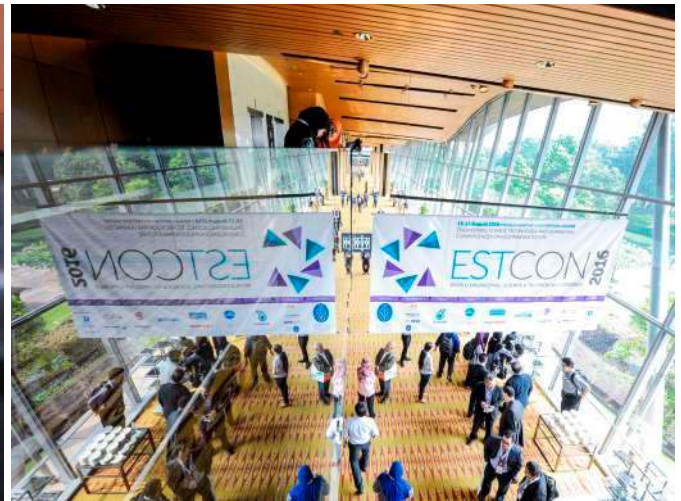
Auto Domestic Power Recovery System (AUPRESS)

Assoc Prof Ir Dr Nursyarizal M Nor

Rescue - 1 Monitoring System

Assoc Prof Dr Ahmad Kamil Mahmood

Potential products for commercialisation



Two MOUs and five Agreements were inked during ESTCON2016, of which two of them involved companies established by UTP Alumni.

No.	Title	Partner
1.	Memorandum of Understanding	Universiti Teknologi Malaysia
2.	Research Agreement	Universiti Teknologi Malaysia
3.	Memorandum of Understanding	Uzma Engineering Sdn Bhd
4.	Research Sponsorship Agreement	KDC Consultants Bangladesh
5.	Joint Product Development Collaboration	Hazmedia Interactive Sdn Bhd
6.	Licensing Agreement	ProcessVu Service Sdn Bhd
7.	Technology Licensing Agreement	NanoMalaysia Berhad and Hans DesignSystem Sdn Bhd

GLOBALLY RECOGNISED AMONG THE BEST IN THE WORLD

06 Sept 2016

The third quarter of the year closed on an excitingly high note as we finally achieved one of our key targets - a place in the QS World University Rankings.

UTP made its debut in the 2016/2017 roll call within the 601-650 band, as Malaysia's only private university with its name in this coveted list. We placed 6th after five other local public universities and further secured our position as the best private university in the country.

A momentous accomplishment indeed this was, and it recognises our prestige as one of the top institutions of higher education in the world.

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UTP CONVOCATION 2016

06 November 2016

More than 20 activities heralded the ConvoFest for our 16th Convocation celebrations this year. These included Acradex with the theme "Empowering Women in STEM".

As per our tradition, two of the highlights of our ConvoFest were the Convo Ride and Convo Run which saw the participation of 500 cyclists and 200 runners respectively. From these two activities, we raised funds for 200 bicycles which will be donated to underprivileged school children in 15 schools in the areas surrounding UTP.

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OUR AWARD WINNERS FOR THE YEAR

Recipient	Award Category	Programme
Mohd Shahrul Azhar Mohd Long	Chancellor Gold Award	Petroleum Engineering
Norsyafiqah Salimun	Chancellor Silver Award	Petroleum Geoscience
Cheah Zi Chian	Chancellor Bronze Award	Mechanical Engineering
Rahimah Embong	Alumni Postgraduate Award at Master's Level	Civil Engineering
Chuah Lai Fatt	Alumni Postgraduate Award at PhD Level	Chemical Engineering
Abakar Hassan Ibrahim Fariss (from Chad)	Best International Undergraduate	Petroleum Engineering



Bachelor's

1,244



Masters

138



PhDs

87



EMERGING IN THE TOP 100 OF EMERGING ECONOMIES

02 December 2016

Adding to our list of accolades for the year was another ranking, this one in the Times Higher Education (THE) BRICS & Emerging Economies Rankings.

In this, we placed number 91, a position that lists us among the top 100 best research-led universities among 50 developing economies. Again, we were the one private university in Malaysia to be recognised, joining six other Malaysian public universities.

This was no easy task, as only the very best make it. Better still, UTP not only made it but made it into the Top 100 list, successfully meeting rigorous and demanding performance indicators. These included excellent standards in teaching, research, international outlook and knowledge transfer, among others.

Concurrently, UTP also made it into the THE World University Rankings for the first time, within the 601-800 band. Once again, we were the first private Malaysian university in the list.



BRICS & EMERGING ECONOMIES

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A CERTIFIED QS 5-STAR INSTITUTION

28 December 2016

UTP joined the ranks of the world's elite universities the likes of Cambridge, Oxford, Harvard and Caltech with a 5-Star overall rating by Quacquarelli Symonds (QS).

We are now one of only 57 universities worldwide to hold a 5-Star rating with only 17 with 5+ Stars. These 74 are the crème de la crème of universities globally and we are proudly in this list.

Assessed against more than 50 indicators over eight domains this 5-Star ranking is the most prestigious and valuable of all our awards to date. UTP's 5-stars were in the domains of Teaching Quality, Employability of Graduates, Internationalisation and Infrastructure & Facilities, and... we are the only private university in Malaysia to reach this prestigious standard.

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DEPUTY VICE CHANCELLOR RESEARCH AND INNOVATION'S THOUGHTS

Prof Ir Dr Ahmad Fadzil Mohamad Hani

Change is inevitable; in fact it is the only constant in life.

For UTP, heading Towards Global Prominence with a focus on becoming a world-class recognised research university, change is all the more inevitable, and in fact necessary, as we move from one step to the next in our quest for excellence.

While change is never easy and most tend to shy away from it, we look forward to it and embrace it, backed by the knowledge that we have concrete plans and a clear vision of our goal. So at UTP, we are constantly evolving and changing and re-strategizing to better align ourselves with our targets.

These have brought us to where we are today, namely a great position from which to launch our next steps. Strengthened by two consecutive years of a MYRA 6-Star rating, and with a research and innovation culture successfully and firmly entrenched I believe we are well on our way towards an exciting future in the world of research.

Our research framework has been reorganised into three major departments - the Research Management Centre, Technology Transfer Office and R&D Park. These three units will streamline UTP's research activities and take us towards upscaling our research activities to the next level. The goal is to move our R&D outputs higher in the Technology Readiness Framework, progressing from research and theories to lab tests and field applications and finally to manufacturing.

The ultimate would be to exploit the knowledge we produce in research and apply them to innovations that will impact industry, society, the environment and the government. Then and only then will it become a win-win situation for all.

THE FUND FACTOR

While within UTP we have the expertise and the desire and ideas, one of the vital ingredients in research is funding. This is something that has to come from outside sources. Research grants more often than not come from the government and government-related bodies. Most universities in Malaysia had to contend with leaner times in 2016 but UTP was truly fortunate in attracting industry-driven grants that made up more than 90% of our funding for the year.

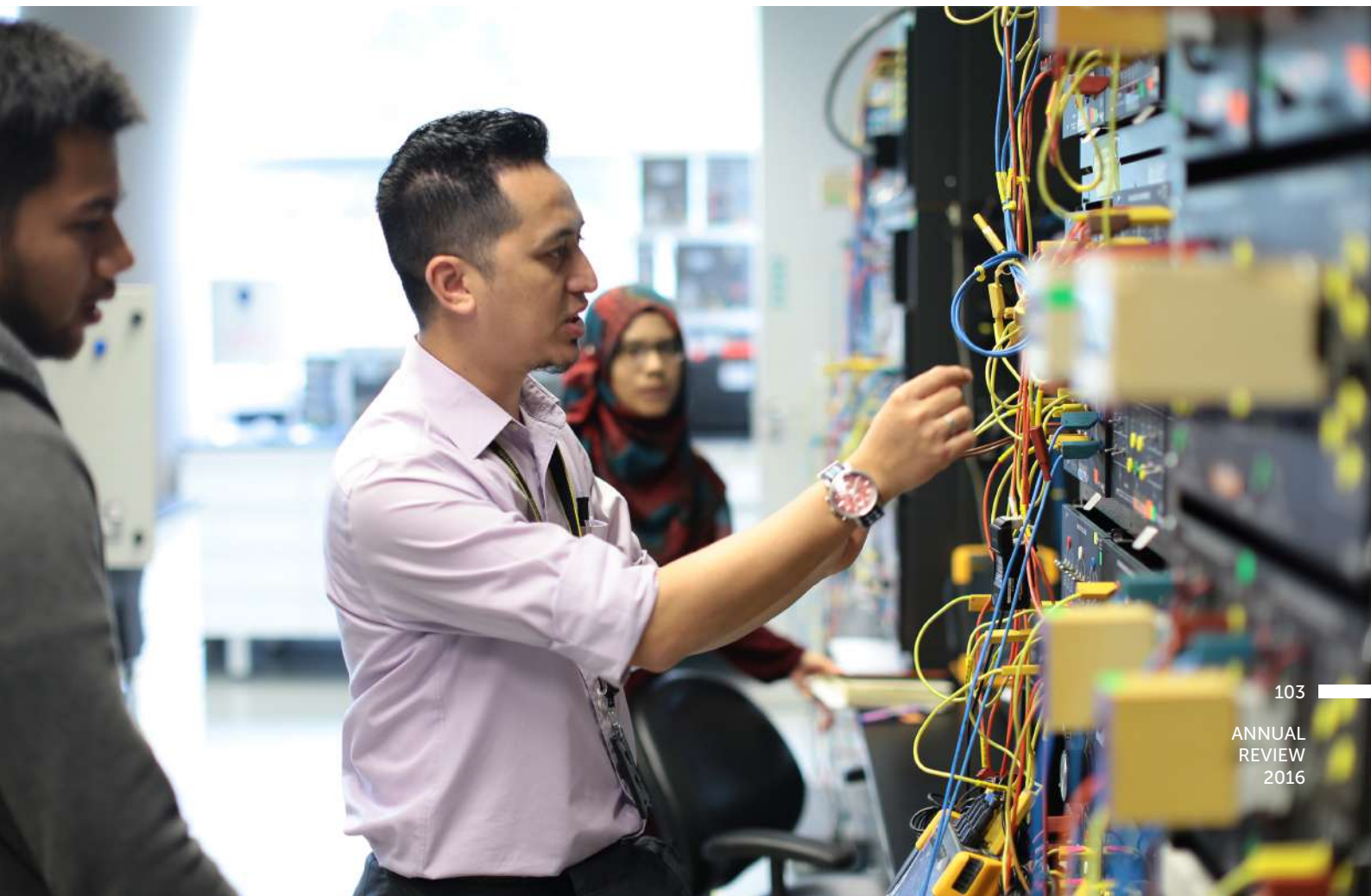
In 2016, we secured RM97 million in funds as compared to the RM21.6 million in 2015. The bulk of the funds were for three significant projects which were the Game Changing Smart Well Technology Using Electromagnetics, the Advanced Shale Gas Extraction Technology Using Electrochemical Methods and the Development of a Concept-Demonstrator Free Piston Linear Generator (FPLG) Powered by Flexi-fuel.

While this is reflective of the strong networking

and good relationships our researchers have with industry players it also shows that industry is increasingly looking to us for problem solving. We have the research culture, the supporting facilities and now our networking efforts are bearing fruit. We have also moved from multi-disciplinary projects to larger scale research programmes which comprise various projects and involve numerous disciplines. With wider breadth and greater depth, the outcomes of such programmes would be manifold and the impact would be deeper.

One project which we are very excited about is the Alpha Matrix programme which is looking to marry nanotechnology with electromagnetic technology for enhanced oil recovery. In fact this project secured the biggest block of funds for us to date, clocking in at RM42.3 million from the Petroleum Research Fund, making it the single largest research grant ever for UTP.





GROWING AND IMPROVING

The 2008 Transformation Plan laid down the research eco-system for our trajectory into the research arena and I can confidently say that UTP lives and breathes research now.

About 95% of our academic staff are Principal Investigators, and this is one of the highest percentages in the country. Subsequently we have a respectable number of publications. Facilities wise, UTP has some of the best research

labs in Malaysia and we have also heavily invested in a lot of high-end lab and testing machinery and equipment.

DELVING FURTHER INTO RESEARCH AND DEVELOPMENT



UTP's direction in the area of Research and Development has never been clearer or more purposeful than it is now. While the goal to become an internationally acclaimed research-led university has always been in its sights, decisions and plans that have been implemented in the past 20 years have further outlined and emboldened this vision.

Step by step, significant progress has been made to expand the University's approach to research and development and to build on its strengths and capacity.

Our Strategic Alliance Office continues to mediate between UTP and potential research partners and fellow academics while the Transformation Office that has been restructured into the Project Management Office has absorbed greater responsibility in ensuring that research and development goals are met, among its other responsibilities.

Meanwhile ongoing projects have progressed well with key ones such as the One Baja and Alpha Matrix programmes and the Green Biopesticide project advancing to new levels of acclaim and research.

As for awards and achievements, UTP clinched another spot in the Top Research Scientists Malaysia (TRSM) list with our second lecturer/ researcher in as many years.



A NEW ENVIRONMENT FOR THE FUTURE OF R&D

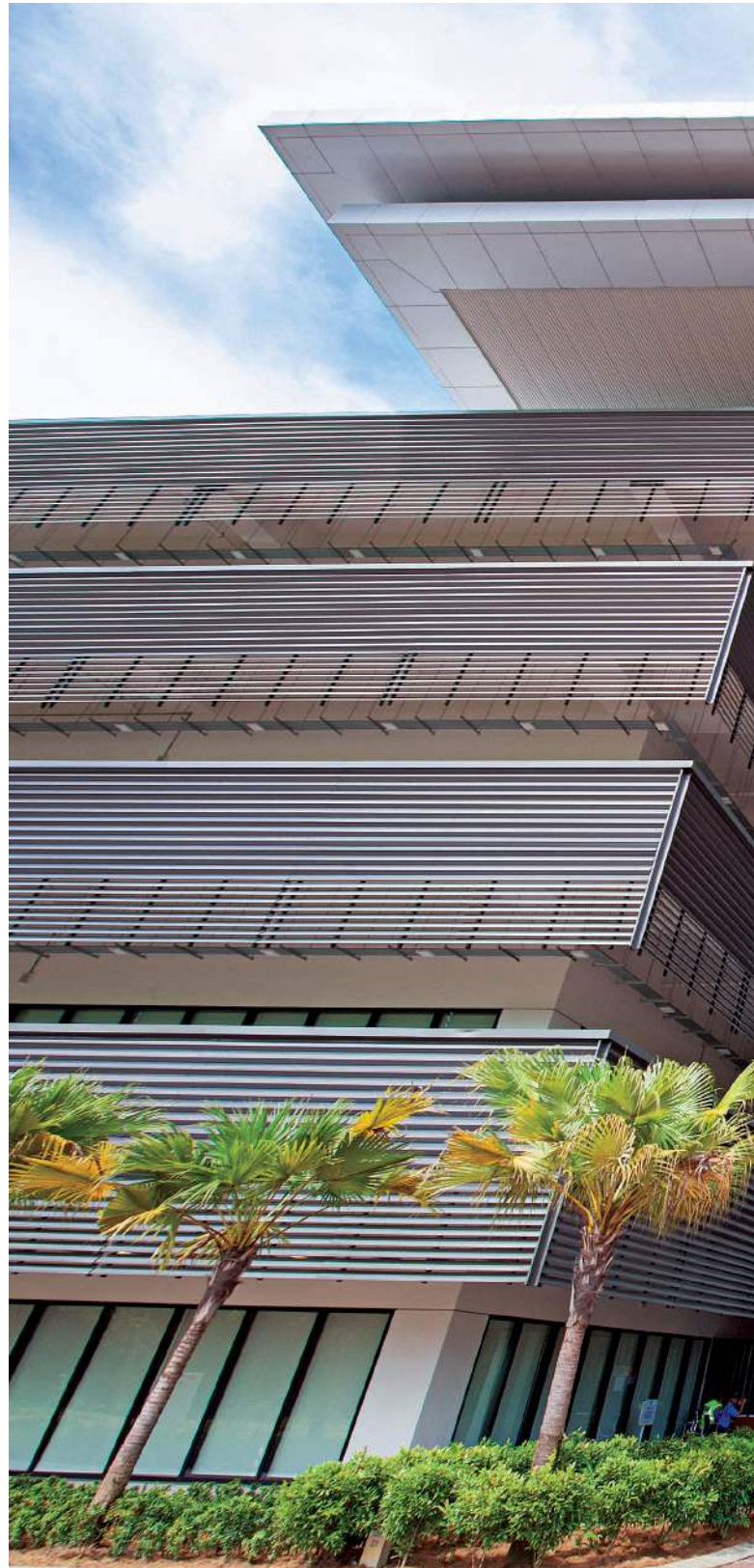
UTP's building blueprint now includes a brand new two-block R&D building that was completed and handed over to us early in the year.

Standing four storeys tall, it provides us with more than 21,225 square meters of space and houses 65 laboratories and additional office space on every floor. It will mainly be the home of two MOR centres - the Carbon Dioxide Management and Enhanced Oil Recovery Centres. Other research laboratories - Long-Term Research Grant Scheme, Hybrid Energy Systems, Centre of Advanced Safety Process, South-East Asia Carbonate Research Laboratory, Gas Separation Research, Geoscience and Petroleum Engineering Research - also sit within these blocks.

Complying with the Green Building Index Certification, it will serve to consolidate, strengthen and encourage R&D efforts and activities while being in line with UTP's commitment to continuously improve on facilities.

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RESEARCH AND INNOVATION AWARDS

27TH INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION
2016 (ITEX 2016) KUALA LUMPUR, 12 - 14 MAY 2016

No.	Inventor	Invention Title	Medal
1.	Assoc Prof Dr Bashar	Thereco Block	Gold
2.	Assoc Prof Dr Faiz Ahmad	Heat sink	Gold
3.	Assoc Prof Dr Faiz Ahmad	Dental implant	Gold
4.	Dr Moniruzzaman	Ionic Liquid Assist and Green Technology	Gold
5.	Dr Syahrir Ridha	Robust Geo-com for Drilling in Acidic Wells.	Gold
6.	Dr. Aamir Hussain Bhat	Biopolymer Blend Based Nanobiocomposites Reinforced With Nanocrystalline Cellulose for Packaging	Gold
7.	Prof Dr Kurian V. John	Floater Pressure Sensor	Gold
8.	Assoc Prof Dr Ahmad Majdi b Abdul Rani	Spiral Track Gauge Polycrystalline Diamond Cutter	Gold
9.	Dr Zahiraniza Mustafa	Pipeline Reliability and Integrity Assesment (PRIA)	Gold
10.	Prof Hussain H. Al-Kayiem	Mixed flow wind turbine	Gold
11.	Prof Hussain H. Al-Kayiem	Solar Vortex Engine for Power Generation	Gold
12.	Prof Dr Azmi Mohd Shariff	Green Solvent for Industrial Co2 Capture at High Pressure	Gold
13.	Assoc Prof Dr Shamsul Rahman Kutty	i-SGBR	Gold
14.	Assoc Prof Dr Cecilia Devi	PAAILS for CO2 Capture	Gold
15.	Ir Dr Suhaimi Hassan	Development of Potential Solid Fuel from Poulting Sludge Waste in Malaysia	Gold
16.	Zamri Abdullah	Aragona-1 Liquimud	Gold
17.	Dr Tang Tong Boon	Nano Cast	Gold
18.	Assoc Prof Dr Aamir Saeed Malik	Vegetation Monitoring System	Gold
19.	Assoc Prof Dr Aamir Saeed Malik	Wearable System for Identification and Prediction of Partial Seizure	Gold
20.	Assoc Prof Dr Fawnizu Azmadi	Mobile Diabetic Retinopathy Grading System	Gold
21.	Ir Dr Perumal	WAVE	Gold
22.	Assoc Prof Dr Mohamad Naufal bin Mohamad Saad	Smart Veins Locator	Gold

No.	Inventor	Invention Title	Medal
23.	Assoc Prof Dr Wan Fatimah Wan Ahmad	Abacus Mobile Application: Fun With Abacus	Silver
24.	Assoc Prof Dr Rosdiazli Ibrahim	WirelessHART Adaptor	Silver
25.	Dr Noreen Izza Arshad	A Technology to Detect Fall Among the Elderly: ElderBand & ElderAlert	Silver
26.	Prof Dr Nasir Shafiq	GSG@SBA	Silver
27.	Prof Dr Fadhil Nuruddin	Geopolymer (Geo Deco)	Silver
28.	Prof Dr Fadhil Nuruddin	LC Supercrete	Silver
29.	Assoc Prof Dr Khamaruzaman Wan Yusof	INDRA Smart Storm Drainage Unit	Silver
30.	Dr Montasir Osman Ahmed Ali	MoorOpt15	Silver
31.	Prof Hussain H. Al-Kayiem	Hybrid Solar Dryer With Heat Recovery	Silver
32.	Assoc Prof Dr Balbir Singh	Development of Self Diagnostic System for Photovoltaic	Silver
33.	Dr Khairul Habib	Solar Thermoelectric Air Conditioning System (STE-AC)	Silver
34.	Dr Bawadi Abdullah	Nano Magnetic Absorbent	Silver
35.	Dr Bawadi Abdullah	Green Catalyst For Green Fuels	Silver
36.	Assoc Prof Dr Wong Peng Weng	DBBS Filter	Silver

MALAYSIA TECHNOLOGY EXPO 2016 (MTE 2016)
KUALA LUMPUR, 18 - 20 FEBRUARY 2016

No.	Inventor	Invention Title	Medal	Special Award
1.	Prof Dr Azmi Mohd Sharif	A Green Solvent For Industrial Co2 Capture At High Pressure	Gold	Best Invention Award
2.	Mohamad Naufal bin Mohamad Saad	Development of a wearable smart veins locator	Gold	
3.	Assoc Prof Dr Wan Fatimah	HajjG	Silver	
4.	Dr Lau Kok Keong	HFMPP	Silver	
5.	Prof Dr Azmi Mohd Sharif	Process Safety Information Management System (PSI4MS)	Silver	
6.	Assoc Prof Dr Ahmad Majdi Abdul Rani	Improved Slip-On Sprocket	Bronze	
7.	Assoc Prof Dr Bashar S. Mohammed	Thereco Block	Bronze	
8.	Assoc Prof Dr Shamsul Rahman M Kutty	Integrated suspend Growth Bioreactor (I-sgbr)	Bronze	

PATENTS GRANTED

No.	Patent ID	Main Inventor	Department	Patent Name
1.	PI2012002104	Suzana Yusup	Chemical Engineering	Process of Producing Hydrogen-Rich Gas from Biomass
2.	PI2012004757	Ibrahima Faye	Fundamental Applied Sciences	Method of Image Completion without extensive Searching Process
3.	PI2012701088	Zakaria Man	Chemical Engineering	Coating System for Controlled Release Fertilizers
4.	PI2012701164	Zakaria Man	Chemical Engineering	Soil Conditioner and Method of Conditioning A Soil
5.	PI2012701182	Azmi M Shariff	Chemical Engineering	Process for Separation of Acid Gas from Gas Stream
6.	PI2013004162	Noor Asmawati Mohd Zabidi	Fundamental Applied Sciences	Process for Synthesis of Cobalt Oxide Nanoparticles
7.	PI20091936	Ahmad Fadzil M. Hani	Electrical & Electronic Engineering	Apparatus for Monitoring and Grading Diabetic Retinopathy

PATENTS FILED

No.	Patent ID	Main Inventor	Department	Title Of Invention
1.	PI2016000073	Nordin Bin Saad	Electrical & Electronics Engineering	A Method of Detecting Bearing Defects in an Induction Motor
2.	PI2016001521	Aamir Hussain Bhat	Fundamental Applied Sciences	Biopolymer Composite and Processes for Making the same
3.	PI2016700439	Anita Ramli	Fundamental Applied Sciences	Two-Stage Pyrolysis Reactor for Conversion of Waste Plastic to Fuel and Method Thereof
4.	PI2016700448	Chong Fai Kait	Fundamental Applied Sciences	Photoreactor for Continuous Photodegradation of Diisopropanolamine in Waster water Treatment
5.	PI2016700715	Aamir Saeed Malik	Electrical & Electronic Engineering	A System and Method for Functional Brain Imaging Using Microwave Radiometry
6.	PI2016701409	Shamsul Rahman Mohamed Kutty	Civil Engineering	Integrated Bioreactor System for Treatment of Wastewater
7.	PI2016701552	Hussain Hammud Ja'afer Al-Kayiem	Mechanical Engineering	A Wind Driven Turbine
8.	PI2016701603	Cecilia Devi Wilfred	Fundamental Applied Sciences	Polymerized Amino Acid Ionic Liquids (PAAILS) for CO2 Capture
9.	PI2016701678	Rosdiazli Ibrahim	Electrical & Electronic Engineering	A Wireless Hybrid Simulator
10.	PI2016701682	Suhaimi Hassan	Mechanical Engineering	A System of Converting Poultry Sludge Into Solid Fuel For Heating Applications
11.	PI2016701685	M Fadhil Nuruddin	Civil Engineering	Low Cement Content concrete
12.	PI2016701695	Muhammad Moniruzzaman	Chemical Engineering	Ionic Liquid Pretreated Oil Palm Fiber Based Particulate Composite Board With Thermoplastic Starch Biopolymer Binder
13.	PI2016701696	M Fadhil Nuruddin	Civil Engineering	Geopolymer Mortar and Method Thereof
14.	PI2016701699	Balbir Singh Mahinder Singh	Fundamental Applied Sciences	A System and Method for Self-Diagnostic of Photovoltaic Based Highway Signage Boards and Warning Devices

No.	Patent ID	Main Inventor	Department	Title Of Invention
15.	PI2016701703	Shuhaimi Mahadzir	Chemical Engineering	Carbon Dioxide Capture Using Piperazinedium Based Ionic Liquids
16.	PI2016701884	Vijanth S. Asirvadam	Electrical & Electronic Engineering	Method of Evaluating and Measuring Brain Event Related Potentials Signals in Response to Colour and Intensity
17.	PI2016701940	Nidal Kamel	Electrical & Electronic Engineering	Modified Bayesian Based Technique for Brain Source Localization using M/EEG Signal and Method Thereof
18.	PI2016701964	Tang Tong Boon	Electrical & Electronic Engineering	A Capacitance Sensor for use in Measuring Liquid Holdup in Two-Phase Flow Pipes
19.	PI2016701966	Ibrahima Faye	Fundamental Applied Sciences	Reference-Free Hybrid Method for Reduction of Ballistocardiogram Artefact from Electroencephalography Data
20.	PI2016703349	Noorhana Binti Yahya	Fundamental Applied Sciences	A Method for Synthesizing Urea Fertilizer
21.	PI2016703350	Noorhana Binti Yahya	Fundamental Applied Sciences	A Method for Ammonia-Urea Synthesis
22.	PI2016703901	Ahmad Fadzil M. Hani	Electrical & Electronic Engineering	Methodology for Unsupervised and Automatic Segmentation of Tibia and Femur Bones in Knee Magnetic Resonance Imaging
23.	PI2016704028	Aamir Saeed Malik	Electrical & Electronic Engineering	Memory Prediction System Based on Electroencephalography
24.	PI2016704257	Suzana Yusup	Chemical Engineering	Synthesis and Purification of Ester
25.	PI2016704304	Suzana Yusup	Chemical Engineering	Utilization of Bottom Ash as Catalyst for Biomass Gasification and Process Thereof
26.	UI2016000864	Kurian V John	Civil Engineering	A Pressure Sensor
27.	UI2016700264	Nor Zaihar Yahaya	Electrical & Electronics Engineering	Multi-Input Power Inverter System for Hybrid Renewable Energy

No.	Patent ID	Main Inventor	Department	Title Of Invention
28.	UI2016701680	Bawadi Abdullah	Chemical Engineering	Magnetic Nano-Composite Bioadsorbent
29.	UI2016701683	Ahmad Majdi Abdul Rani	Mechanical Engineering	Spiral Track Gauge Polycrystalline Diamond Cutter
30.	UI2016704117	AP Dr Bashar S Mohamed	Civil Engineering	Composition of Nano Silica Modified Rubbercrete

PRODUCTS COMMERCIALISED

No.	Product	Researcher
1.	MyBackRelief	Dayang Rohaya Awang Rambli

OTHER INTELLECTUAL PROPERTY RIGHTS (IPRs)

No.	Product	Inventor	Registered Name	Category
1.	Corrosion Inhibitor for High CO2 Environment	AP Ir Dr Mokhtar Che Ismail	CCRCI01	Copyright
2.	Monitoring of Vegetation Near Power Transmission Poles using Satellite Stereo Imagery Based on Sparse Representation	AP Dr Aamir Saeed Malik	DRA-1	Copyright
3.	i-Intervention Application System for Global Well Deliveries	Dr Helmi Bin Rais	CCRCI01	Copyright
4.	Pipeline Reliability and Integrity Assessment	Zahiraniza Bt Mustaffa	PRIA	Copyright
5.	Portable Diabetic Retinopathy Grading System	Fawnizu Azmadi Hussin	DREX	Copyright
6.	User Define Function Code for Artificial Bileaflet Mechanical Heart Valve Hydrodynamics Simulation	Dr Mohammad Shakir Nasif	UD & H	Copyright
7.	Stewart Platform for Ankle Foot Rehabilitation Therapy	Prof Dr T. Nagarajan	MY 14-01146-0101	Industrial Design
8.	Integrated Downdraft Gasification	AP Ir Dr Shaharin Anwar Sulaiman	MY 15-00250-0101	Industrial Design
9.	Fatigue Test Fixture	AP Dr Mokhtar Awang	MY15-E0100-0101	Industrial Design
10.	Electric Generator	Mohd Faizairi Mohd Nor	MY 15-E0106-0101	Industrial Design
11.	Car Jack	Ir Dr Suhaimi Hassan	MY 15-E0103-0101	Industrial Design
12.	Thereco Bloc	AP Dr Bashar S Mohamed	2014052208	Trademark
13.	OneBaja	Prof Dr Noorhana Binti Yahya	2016058190	Trademark
14.	OneBaja	Prof Dr Noorhana Binti Yahya	2016058191	Trademark

A GREEN PRIZE FROM THE INTERNATIONAL STAGE

06 April 2016

Associate Professor Dr Suzana Yusup won the second prize in the Elsevier Green and Sustainable Chemistry Challenge 2016. She triumphed over 500 proposals in the event that was held in Berlin, Germany.

This challenge is open to individuals or organisations all over the world and projects submitted can be in any field of Green or Sustainable Chemistry, with specific applicability in developing economies.

Dr Suzana received a research grant of €25,000 for her "Biopesticide for Improvement of Paddy Yield" project. This innovation is a water-based biopesticide based on plant extracts to fight pests and improve paddy yields.

Kicking off as a CSR project to assist the paddy growing community around UTP, it now holds great potential for the agriculture industry, both locally and globally.





ALPHA MATRIX IN ACTION

24-25 July 2016

To glean a clearer understanding of the Alpha Matrix enhanced oil recovery project, researchers and students involved went on a two-day field trip to Miri for a first-hand view of the elements they would be working with and through.

The team comprised scientists, researchers and lecturers from various fields who would be pioneering a marriage between nanotechnology and electromagnetism for enhanced oil recovery.

Led by Prof Dr Noorhana Yahya, the Alpha Matrix project is one of UTP's most exciting projects to date, carrying with it immense potential and benefit for the oil and gas industry. It has also secured the biggest research grant received by UTP to the tune of RM42.3 million.



OUR SECOND TRSM FELLOW

15 August 2016

Associate Professor Dr Suzana Yusup became the University's second research scientists to join the ranks of the Top Research Scientists Malaysia (TRSM).

She was one of the 10 recipients who received this recognition in 2016, conferred by the Academy of Sciences Malaysia.

Dr Suzana's forte is in biomass research and she has received 35 research product awards from all over the world. A prolific publisher of scientific papers in numerous journals, she has also led several research grants both at national and international levels and has graced the stage of many international conventions to present and share her ideas and findings.

Our esteemed lecturer is the founder of UTP's biomass research facility and her current research focus is on green technology and research into the conversion of biomass and waste to create biofuel and other value added products.

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SOCIAL BUSINESS FOR COMMUNITY DEVELOPMENT

05 September 2016

UTP set up the Yunus Social Business for Community Development Unit in the effort to foster social business innovation at the University. This is a joint endeavour between the University and Nobel Laureate Professor Yunus.

This unit, under the purview of The Centre of Social Innovation (COSI), will further strengthen and expand our CSR efforts for the socioeconomic development of the poor and less privileged community surrounding UTP.

Its primary aim is to financially assist the community through loans and subsidies and lead them to develop their capabilities through directing them to the right opportunities. This will develop the people's skills and business acumen and lead them toward improving their financial status.



FINALISTS FOR APICTA 2016

20 October 2016

Two teams from our Computer and Information Sciences Department (CSID) were finalists of the MSC Malaysia Asia-Pacific ICT Alliance Awards (APICTA) for 2016. Initiated by the Multimedia Development Corporation (MDeC) and now in its 17th year, APICTA is Malaysia's prestigious showcase of ICT excellence and innovation. It is aimed at recognising local creativity and highlighting ground-breaking achievements and contributions in the industry.

APICTA spurs greater competition among local companies and researchers, stimulating them to grow and develop to be on par with international counterparts.

All participating teams went through a few rounds of judging and pitching prior to selection as finalists. Here are our teams:

Categories	Team	Project Name
Best of Research & Development	Project Leader: Assoc. Prof. Dr. Wan Fatimah Wan Ahmad Team Members: Professor Dr. Zulikha Jamaluddin Dr. Ahmad Sobri Hashim Iman Nur Nabila Ahmad Azahari	AUTISM Social-Aid
Best of e-Learning	Project Leader: Dr. Noreen Izza Arshad Team Members: Assoc. Prof. Dr. Ahmad Kamil Mahmood Mazlina Mehat Fazwa M Fadzillah	Stutter Manager

OUR AWARD WINNING TECHNOLOGIST

21 October 2016

Shaiful Hisham Samsudin proudly took home the National Technologist Award in 2016.

Attached to the Laboratory Facilities Services Department in the University's Department of Mechanical Engineering, he was recognised for his work in friction stir-welding.

This award is an annual prize presented by the Science, Technology and Innovation Ministry in recognition of the achievements of technologists and laboratory assistants in research work.



UTP AS FINALIST IN THE IChemE MALAYSIA AWARDS 2016

24 October 2016

UTP's entry in the IChemE Malaysia Awards for 2016 emerged as one of the five finalists for the Process Safety Award, among 179 entries.

A software for Electrical Safety and Operability Review, PELSOR as it is otherwise known as, is a breakthrough innovative software that assesses the integrity and operability of electrical systems and equipment in process plants. It also evaluates potential electrical hazards arising from human activity and error and identifies gaps that will be mitigated through the modifications of system, layout, design, installation, operation and

maintenance procedures.

Designed as a proprietary programme for PETRONAS, it has been a PETRONAS Technical Standard for new and expansionary plans for process plants since 2011.

PELSOR, which has successfully reduced the number of electrical-related accidents in process plants, is the brainchild of Professor Dr Azmi Bin Mohd Shariff. He is also UTP's first researcher to become a member of the Top Research Scientists Malaysia (TRSM) group.





MALAYSIA'S RISING STAR IN UTP

01 November 2016

Associate Professor Dr Suzana Yusup added to the illustrious history of the University with her recent recognition at the Malaysia's Rising Star Award (MRSA) 2016. UTP was also the only private university to attain this recognition.

Dr Suzana received the Highly Cited Review for Women in Science Award.

MRSA recognises the outstanding achievement of Malaysian scientific scholarly output based on citations of their published papers in quality international journals as indexed in the of Science and Scopus.

The programme aims to encourage Malaysian researchers to continue their ground breaking research in their respective fields and advance global science.



ANUGERAH INOVASI MENTERI BESAR 2016

10 November 2016

Dr Noreen Izza Arshad's Stutter Manager project clinched the 'Anugerah Potensi Inovasi' at the launch of the Perak Innovation Day, bringing home RM10,000, a trophy and a certificate.

Dr Noreen and her team beat out 32 other entries from various agencies and civil organisations in Perak to emerge as the winner after a few rounds of judging and pitching.

This Innovation Potential Award was the most prestigious award this year, together with other innovation awards in the categories of Information and Communication Technology (AIICT) and Local Authorities (AIPBT).

UTP's Computer and Information Sciences Department (CSID) was also invited to showcase its research and innovation projects during the ceremony. It presented us with an invaluable opportunity to promote our current research and innovative ideas that could be of interest and assistance to Perak and its people and governmental agencies.

The child is the father of man.

Never has this axiom held more water than when applied to the context of a university. This is because the product of the university, as an institution of higher learning, is a cohort of men and women who are ready to take on the world and to lead the next generation of society.

I say this because these men and women, who effectively hold the future in their hands, step into our gates as teenagers on the cusp of adulthood and we, the university, play a crucial role in their growth and development.

Having said this, as we review the work and the achievements of the Student Affairs and Alumni division for 2016, I am glad to say that we have taken numerous positive strides towards enhancing our role in the development of the student as a complete package, as it were.

Our primary goal today not only encompasses educating and training them in their chosen fields. A key component of the university experience is exactly that - the experience itself. Therefore, it is our responsibility to provide students with a unique, fulfilling and enriching experience.

The challenge that presents itself is the fact that each student comes in with different needs and what we offer has to be general enough to meet overall expectations while being specific enough to cater to individual requirements. This is what we have been working towards this year and I am glad to report that we are making significant inroads here.

Let me say that in creating the right environment to offer them the best experience possible encompasses every aspect of their time with us, from their living conditions and student life, to classroom experience and learning environment. We also need to address growth and development in all areas - mental, spiritual and academics - with the ultimate aim of developing responsible and contributing global citizens imbued with positive social and moral values.

This is indeed a tall order as there are so many aspects to consider and to simultaneously pay attention to, but it is one which we are embracing with open arms.

**DEPUTY VICE
CHANCELLOR
STUDENT AFFAIRS
AND ALUMNI'S
STATEMENT**

Assoc Prof Dr Nor Hisham Hamid

STAYING CONSTANT WITH THE TIMES AND WITH NEEDS



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2016 continued to be a year filled with student participation in various activities. Although there was a change of leadership in this division, with me taking over the reigns in April, we wanted the transition to be as seamless as possible and ensured that all events went on as planned.

UTP now has 212 clubs and societies and numerous student interest groups which are arbitrarily mooted and formed by the students and monitored by our division.

All these activities and accomplishments have enriched the student environment and strengthened UTP's position as a contemporary university. They are also earning us recognition and accolades as we shore up our position Towards Global Prominence.

While we have been successful to date in producing the kind of graduates that we want, our new blueprint includes developing an entrepreneurial mindset amidst our students. Our upcoming Technopreneurship Programme, supported by our imminent Techno Centre will be one of the ways that we open up entrepreneurship opportunities and pathways for our students.

Meanwhile, I am very glad to note that the MPU4 or General Studies subjects required by the Ministry of Education have resulted in a significant increase in student participation in community-based projects.

In UTP, this is in the form of compulsory Community Engagement Projects (CEP) that complement the MPU1, MPU2 and MPU3 courses, all of which are collectively designed to broaden the general knowledge, skills, morals, values and patriotism of the students. They are also targeted at personality development in the bid to inculcate compassion, holistic social values, leadership and forward thinking skills. In the CEP projects, students work in groups on activities or programmes focussed on community or human development.

These CEPs are instrumental in helping UTP to produce globally responsible citizens, thus validating our value-driven education that also strongly emphasises on the need to give-back to society.

PLAYING ON STRENGTHS

I must commend the staff - as well as the students - who are constantly pulling together to achieve the goals and targets we have set. Nothing worthwhile is achieved without consistent hard work and the "can do" attitude that I see everywhere in UTP is pivotal to our success.

On the other hand, one of the challenges is to better coordinate our efforts with the Academic and Research & Innovation divisions. This is because the student experience is a cross-border one which also encompasses these two areas.

To track our progress and growth as well as to be ranked within the elite of group of global universities, we also need measurable statistics and indicators.



TAPPING THE ALUMNI NETWORK

One of the areas we have been intently looking into this year is our alumni division. With the graduating batch of 2016, UTP has 14,620 alumni, overseen by the Alumni Relations Office (ARO).

We started graduating students from 2001 and our oldest UTP graduate is only 38 years old today, with just about 1,000 or so of them now in their late 30's. Realistically, we have quite a young batch of alumni.

This is a good time to engage them in alumni activities as they are at an age where careers and family matters are relatively stable and there is time to be portioned out for other interests.

As our numbers increase year on year, we are aware of the need to keep in contact with our alumni, and building and maintaining dynamic relationships with them is at the fore of these efforts.

In the later part of the year, we launched the UTP alumni membership card towards this end. This membership card, which also offers various benefits and privileges to our alumni, is aimed at bringing together our former students under one umbrella. As of the end of 2016, we had successfully secured 644 members and we are looking to sign up 2,000 members next year.

UTP alumni are also reciprocal in their investment into the University's legacy, continuing to give back to their alma mater through financial contributions as well as in time offered as adjunct lectures and speakers for talks and presentations. We also have alumni who have joined our academic force with 94 in our academic team today.

We are now looking at empowering student alumni chapters in various locations. We are encouraging them to be proactive in their individual chapters and organise independent events, taking the cue from established alumni associations such as those in American universities. At the end of the day, alumni participation and engagement with their alma mater

ties in once again with the student experience. A graduate who leaves UTP with a memorably positive experience would undoubtedly have a stronger attachment with the University and this would be an impetus to give something back to UTP. It is our aspiration to widen this database of alumni, while tapping into this network of immeasurable potential.

In directing our efforts towards strengthening alumni matters, our message to our students is clear. - *Your university will not stop supporting you. We will continue walking with you and we are hopeful that you will also in turn support us in producing our future graduates and strengthening UTP's position in all arenas.*





SETTING THE STAGE FOR THE NEXT YEAR

In closing, it is said that where one is today is the result of all the decisions made and actions steps taken to date. I am delighted to say that while we do not claim to be perfect, we are on the right path, as proven by our track record.

Our students are continuing to excel, both academically and in extracurricular activities and we are also cultivating an ever increasing number of research enthusiasts. This augurs well for UTP as we propel towards our future.

We look forward to incorporating new and improved strategies for the coming year in which one of our primary goals is to create a unique and unwavering sense of belonging to UTP.

We do all this because UTP is a place where good becomes better and better becomes great.

LIFE ON CAMPUS





UTP has one of the best student environments on campus in Malaysia.

Our campus spans over 400 hectares and with a total enrolment of 1,530 for 2016, this allows for plentiful space for the comfort, growth and development of the mind, body and spirit.

Within this area, our students live in the global village of UTP. In 2016, the University was home to students from more than 40 countries, including Malaysia. These international students make up 15% of our student population.

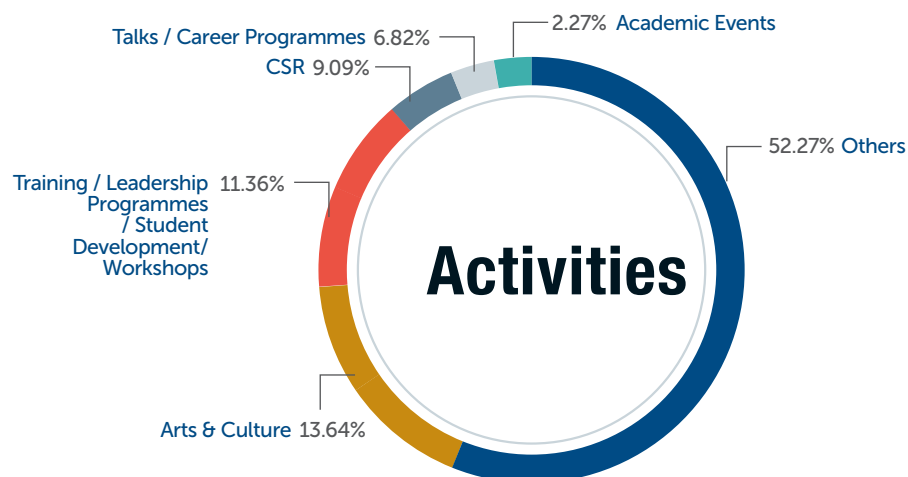
Some 90% of our students live on campus, most of them for the entire duration of their programme.

This enhances the university experience for them as they learn to live, study and work with people from all over the world.

2016 was a year filled with student activities across the board, from sports and the arts to intellectual and scientific pursuits, both local and international.

During the year, UTP students participated in various competitions and challenges on the local scene and represented UTP on many international stages.

The year also proved to be a goldmine in sports as UTP students did remarkably well in various sporting events, especially in the MASISWA games, both at zone and national levels.



UTP WINS OVERALL CHAMPION FOR 2016 NETWORKING GAMES

17 January 2016

UTP was crowned the overall champion in the 2016 Networking Games Private Institutions Sports Council with a win of 11 medals - five gold, five silver and one bronze.

The gold medals came from volleyball, bowling trio, men's doubles badminton, mixed doubles badminton and veteran badminton. Sepak takraw, futsal, individual women's bowling, men's doubles badminton and mixed doubles badminton contributed the silver medals while the lone bronze came from men's doubles ping pong.

This year's Networking Games was hosted by UTP. It saw the participation of nearly 2,000 participants from 36 private institutions across the country, the highest number since the games were first held in 2012. In the three-day competition, participants took part in badminton, netball, volleyball, sepak takraw, tenpin bowling, ping pong and futsal.

This annual tournament is aimed at strengthening relationships and fostering the spirit of understanding and solidarity among the staff of private educational institutions.



A WIN OF 8 MEDALS AT SUKIPT

25 January - 5 February 2016

Eight medals from eight sports - these were the successful wins of 51 of our athletes at the Higher Education Sports Competition (SUKIPT), held at University Teknologi Malaysia in Johor.

The two gold, two silver and four bronze medals were in the sports of table tennis, badminton, taekwondo, volleyball, chess, athletics and pencak silat.



WINNING THE MASISWA CHAMPIONSHIP

03 March 2016



UTP was once again declared the overall champion of Kejohanan Sukan MASISWA Zon Utara 2016, a victory that has been ours for seven successive years. On top of that, our athletes this year outdid the performance of UTP in all the previous years, bringing home more medals than ever.

We took home ten gold medals and they were in netball, women's singles bowling, men's singles bowling, trio bowling, women's singles table tennis, men's singles table tennis, men's doubles table tennis, mixed doubles table tennis, men's doubles badminton and men's volleyball categories.

UTP also bagged five silver medals, for men's bowling,

women's chess, men's chess, women's badminton and mixed doubles badminton and one bronze medal in women's singles bowling.

The MASISWA Championship games is an annual event organised to promote sports among students of private higher institutions of education. This year's competition was organised by Tunku Abdul Rahman University College in collaboration with the Education Ministry and Majlis Sukan IPTS Malaysia.

Sixteen institutions participated in eight events, namely badminton, basketball, bowling, chess, futsal, netball, table tennis and volleyball.



COMING OUT TOPS IN ISLAMIC COMPETITIONS

May 2016



UTP students have proved that not only do they excel at academics and research, they are all round students who also place high importance on religious and spiritual development.

UTP took part and emerged as winner in two Islamic events - Mahajan Semarak Islami UPSI at Universiti Pendidikan Sultan Idris and the Marharban Harmoni Terbuka UPM 1Malaysia 2016 Festival (FESTMA-V-2016) at Universiti Putra Malaysia.

These events encompassed religious presentations and discourses, Nasyid and Tilawah Al-Quran.

In the first event, UTP emerged as the Champion for the Nasyid competition and the runner up for the Tilawah Al-Quran. For the second event, the UTP team who had emerged as the Champion in 2014 and the runner up in 2015 once again became the Champion in 2016.

SECURING A SPOT AMIDST GLOBAL CONTENDERS

08 June 2016

Three of our students became the first South East Asian undergraduate team to be among the winners of the global European Association of Geoscientists and Engineers (EAGE) Fully Integrated Evaluation and Development (FIELD) Challenge in Vienna, Austria.

Impressing judges from European and American petroleum companies, they clinched third place with a FIELD development plan on how to make the most out of the strengths and skills possessed by the different generations of geoscientists and engineers in the oil and gas industry.

Their win was all the more commendable as they had to pit their wits against the other teams who mainly comprised postgraduate students. The

teams included those from giants such as Texas A&M University, and the University of Calgary in Canada.

A shout out to our three undergraduates Mohd Shahrul Azhar Mohd Long (Petroleum Engineering), Grandika S. Primadani and Pua Ming Jia (both Petroleum Geoscience).

The EAGE FIELD Challenge promotes cross-disciplinary endeavours between engineering within universities. Each participating university consists of a multi-disciplinary team of full-time geoscience and petroleum engineering students who analyse, propose and present their FIELD development plan to a highly discerning jury panel.

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A MUSICAL FEAT FOR THE RECORD

16 July 2016

UTP's Red Sonata Fiesta 2016 made it into The Malaysia Book of Records for having "The Largest Participation in an Arts & Music Championship". The event, attracted an impressive 2,862 participants from numerous primary and secondary schools and institutions of higher learning all over Malaysia.

It was led by UTP's Chinese Orchestra in collaboration with the Kedah Chinese Assembly Hall and The Federation of Chinese Associations Malaysia.

The participants made music to the theme "Sonance of Pine" and created magical melodies and

harmonies with their various Chinese instruments, showcasing traditional Chinese music in all its richness and diversity.

Befittingly, the musicians characterised this year's logo of the Chinese Pine Tree, reflecting determination, strength, honour and an appreciation of Chinese Music.

As a shared event in our multi-cultural society, Red Sonata 2016 was truly a success, not only in showcasing the traditions of one of Malaysia's cultures but also in bringing together participants and spectators from a diverse range of backgrounds.

ANOTHER SPORTING VICTORY

5-7 October 2016

The international Student Sports Carnival 2016 (ISSC) was another event in which UTP came out tops as the overall champion. This win makes it the seventh consecutive overall champion title for UTP in the event organised by the Ministry of Higher Education and HELP University.

With a team of 68 students participating in 10 events, we brought back seven gold and 2 bronze medals. The gold came from volleyball, tug-of-war, chess, netball, road relay, 4x100 (female) and 4x400 (male), while the bronze was for badminton and the 4x400 relay (female).





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TRULY ONE WORLD, ONE CULTURE

15-16 October 2016

UTP is proud to be the home university of the 1 World 1 Culture Winner of the International Dance Competition.

Our home team, the UTP Mozambique Group MyMoz danced their way to the prize for the second year running at the 1 World Culture International Students Cultural Festival competition, after having emerged as runner up in 2014.

Their colourful costumes, energetic moves and passion for dance and music won the hearts of the judges and spectators alike as they proudly brought

the culture of Mozambique to a Malaysian stage. They had also participated in UTP's Tapestry of Colours in 2012 and 2015.

MyMoz were among a group of 5 finalists that included Universiti Teknologi Mara, Universiti Malaysia Sabah, HELP University and the International University of Malaya Wales. The event was organised by Nilai University, supported by the Ministry of Higher Education.

STUDENT ACHIEVEMENTS

No.	Activities	Date	Venue	Organiser / Host	Achievement
1.	Networking Games 2016	17 - 19 Jan	Ipoh, Perak	Networking Games 2016	Overall Champion
2.	UTP Smash League	23 Jan	Dewan Bandaraya Ipoh, Ipoh	Co-Curriculum Unit, SSSD & UTP Badminton Team	2nd Runner Up
3.	Kursus Kepengadilan Touch Tahap 1	22 - 24 Jan	MRSM PDRM, Kulim, Kedah	Fit Touch Malaysia	1 student certified as a Level 1 Referee
4.	SUKIPT 2016	24 Jan - 6 Feb	Universiti Teknologi Malaysia, Johor Bahru	KPT & Universiti Teknologi Malaysia	2 Gold 2 Silver 4 Bronze
5.	HEP-IPTS Debate Tournament 2016	1 Feb	IMU University	IMU University and Student Support	Semi Final 3rd and 4th place
6.	UTP Blitz Netball Challenge	21 Feb	Mes Pegawai Kanan Polis, Ipoh	Co-Curriculum Unit, SSSD & UTP Netball Team	2nd Runner Up
7.	Grand Asean Chess Challenge	22 - 24 Feb	Universiti Malaya	Universiti Malaya	2nd Best IPT
8.	Kejohanan Sukan Masiswa Zon Utara 2016	27 - 29 Feb	Tunku Abdul Rahman University College, Penang	MASISWA & Tunku Abdul Rahman University College, Penang	Overall Champion for 7 times
9.	Terengganu Open Kanu Sprint	27 - 29 Feb	Kuala Ibai, Kuala Terengganu	Malaysia Canoe Association & Persatuan Kayak Terengganu	2nd Overall Champion (2 Gold, 1 Silver)
10.	Step : MCF National Arbiter's Seminar 2016	11 - 14 March	Undercroft, Universiti Teknologi PETRONAS	MASISWA & Co-Curriculum Unit, SSSD & UTP Chess Team	3 students completed to be Chess Arbiter
11.	National Age-Group Chess Championship 2016	12 - 14 March	Chancellor Hall, Universiti Teknologi PETRONAS	Co-Curriculum Unit, SSSD & UTP Chess Team & Malaysia Chess Federation	The largest Chess tournament in Malaysia

No.	Activities	Date	Venue	Organiser / Host	Achievement
12.	UTP Super Regatta 2016	25 - 27 March	UTP Lake, Universiti Teknologi PETRONAS	Co-Curriculum Unit, SSSD & UTP Kayak Team & Malaysia Canoe Association	2nd Best
13.	Majlis Anugerah Sukan MASISWA 2015	26 March	Universiti Tun Abdul Razak	MASISWA	MASISWA Best Sports Team 2015 - UTP Rugby Team
14.	Kejohanan Pencak Silat UPSI	30 March - 3 Apr	Universiti Pendidikan Sultan Idris, Tanjung Malim	Universiti Pendidikan Sultan Idris	Bronze Medal in Puteri Kelas C
15.	Rugby UTP 10s 2016	1 - 3 April	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-Curriculum Unit, SSSD & UTP Rugby Team	2nd Runner Up
16.	Ragbi Liga Super Perak 2016	9 April - 1 May	Padang Star, Ipoh	Kesatuan Ragbi Perak	Runner-up
17.	UNMC Table Tennis Open 2016	9 - 10 April	University of Nottingham Malaysia Campus, Semenyih	University of Nottingham Malaysia Campus	Quarter Final
18.	Kejohanan Olahraga Terbuka Perlis 2016	9 - 10 April	Stadium Tunku Syed Putra, Kangar	Persatuan Olahraga Perlis	2nd place 3,000m
19.	LiSUS Zon Perak Tengah - Badminton	16 April	Dewan Sekolah Menengah Dato Abd Rahman Yaakob, Parit, Perak	Jabatan Belia dan Sukan Negeri Perak	Champion
20.	LiSUS Zon Perak Tengah - Netball	16 April	Parit, Perak	Jabatan Belia dan Sukan Negeri Perak	Champion
21.	UTAR Perak Sanda Match 2016	17 April	Universiti Tunku Abdul Rahman, Kampar	Universiti Tunku Abdul Rahman, Kampar	3 Silver & 2 Bronze
22.	UNITEN Netball Championship 2016	23 April	Universiti Tenaga Nasional	Universiti Tenaga Nasional	Champion
23.	Kejohanan Hoki MASISWA 2016	23 - 24 April	Stadium Hoki Nasional, Bukit Jalil	MASISWA & Universiti Tenaga Nasional	2nd Runner Up
24.	UniKL Mimet Sports Fiesta	30 April - 1 May	UniKL Mimet Batu Arang, Selangor	UniKL Mimet Deuter	Champion Men Single

No.	Activities	Date	Venue	Organiser / Host	Achievement
25.	Deuter International Trail Run 2016	8 May	Batu Arang, Selangor	Deuter	4th Place International & 8th Place Local Category
26.	2016 Toykar Futaba OS Jakarta Open	14 - 15 May	Jakarta, Indonesia	Toykar Futaba OS	4th place GP Onroad Category
27.	Liga Hoki Perak 2016	17 May - 30 Aug	Stadium Sultan Azlan Shah, Ipoh	Persatuan Hoki Perak	Quarter Final
28.	Federal Territory KL All Comers Meets 2016	22 May	Kompleks MSN Setiawangsa, Kuala Lumpur	Persatuan Olahraga Kuala Lumpur	Gold Medal - Men's Shot Put Event
29.	Sirkuit Kanu Kebangsaan (Edisi 2)	27 - 29 May	Universiti Selangor	Malaysia Canoe Association & Persatuan Kayak Selangor	Overall Champion for IPT
30.	Asics City Relay	28 May	Dataran Merdeka, Kuala Lumpur	Asics	5th place from 192 teams
31.	Kejohanan Golf IPT Negeri Perak 2016	29 May	Lumut, Perak	Universiti Sultan Azlan Shah (USAS)	3rd, 4th & 7th place
32.	Lion 7s Mini Challenge Rugby	29 May	Sekolah Anderson, Ipoh	Kelab Ragbi Lion Persatuan	Champion Bowls Category
33.	Kejohanan Olahraga Terbuka Negeri Sembilan 2016	29 May	Universiti Sains Islam Malaysia	Olahraga Negeri Sembilan	Gold Medal - Men's Shot Put Event
34.	International Geoscience and Engineering Competition	1 July	Vienna, Austria	Austria	3rd Place
35.	Asean University Games 2016 (AUG)	9 - 19 July	Singapore	Asean University Council	1 athlete from UTP Table Tennis Team represented Malaysia in this event

No.	Activities	Date	Venue	Organiser / Host	Achievement
36.	Red Sonata Fiesta 2016	14 - 16 July	Chancellor Hall, Universiti Teknologi PETRONAS	Chinese Orchestra	Awarded into Malaysia Book Of Record –for Largest Participation In An Arts & Music Championship
37.	UTP athletes in SUKMA 2016	17 - 31 July	Sarawak	Majlis Sukan Negara & Majlis Sukan Negeri Sarawak	1 Gold, 2 Silver, 2 Bronze
38.	Kejohanan Ragbi Isa Abbas	23 - 24 July	Padang Star, Ipoh	Kesatuan Ragbi Perak	Bowl Champion (Isa Abbas) & Plate Champion (Muhyiddin)
39.	Kejohanan Bola Sepak MASISWA	25 - 31 July	Universiti Putra Malaysia & Universiti Tenaga Nasional	MASISWA	Quarter Final
40.	UiTM Perak Tennis Tournament	31 July	UiTM Seri Iskandar	UiTM Seri Iskandar	Champion Men Double
41.	Kejohanan Taekwondo (WTF) Tertutup Perak	6 - 7 Aug	SRJK (Cina) Bercham, Ipoh	Persatuan Taekwondo Negeri Perak	2 Gold, 5 Silver, 1 Bronze
42.	PCA T20 Inter Club Championship Qualifier 2016	20 Aug - 20 Sep	Kelab Kilat, Ipoh	Perak Cricket Association	Runner-up
43.	Uthayam Intervarsity Singing Competition	18 Sept	Universiti Malaysia Perlis	Indian Orchestra	Champion
44.	Bhangra Down Under International Bhangra Dance Competition	22 - 27 Sept	Melbourne, Australia	Bhangra Group Gajjdi Jawani	4th Place
45.	Kejohanan Ragbi 7 Sebelah UiTM Perak Piala YAB Menteri Besar Perak 2016	23 - 24 Sept	UiTM Perak, Seri Iskandar	UiTM Perak, Seri Iskandar	3rd Runner Up Cup
46.	2016 Outstanding Student Chapter Award (OSC)	27 Sept	SPE Annual Technical Conference and Exhibition (ATCE) in Dubai	SPE International	Outstanding Student Chapter Award (OSC)

No.	Activities	Date	Venue	Organiser / Host	Achievement
47.	UTP Hockey Open	2 Oct	Stadium Hoki Sultan Azlan Shah, Ipoh	Co-Curriculum Unit, SSSD & UTP Hockey Team	2nd Runner Up
48.	International Student Sports Carnival 2016 (ISSC)	5 – 7 Oct	Majlis Sukan Negara (Panasonic) Sport Complex, Section 21, Shah Alam	Ministry of Higher Education & HELP University	Overall Champion 2016 (UTP is the Overall Champion for 7th times (2010 – 2016))
49.	UTP Netball Open (NETTO)	8 Oct	Stadium Tertutup Manjung	Co-Curriculum Unit, SSSD & UTP Netball Team	Quarter Final
50.	Piala Parlimen Parit 2016	8 – 9 Oct	Dynamic Futsal, Bota	Dynamic Futsal, Bota	Champion
51.	MOHE-IIUM Varsity Women Games (VWG) 2016	15 – 16 Oct	Female Sports Vcomplex, IIUM, Gombak	KPT & UIAIIUM	1st Runner Up
52.	1 World 1 Culture 2016 International Dance Competition	15-16 Oct	Kementerian Pendidikan Tinggi, Putrajaya	Mozambique Group MyMozz	Champion
53.	Perak Open Table Tennis Championship 2016	29 – 30 Oct	SRJK (C) Bercham, Ipoh	Persatuan Ping Pong Perak	Champion Women Single
54.	Varsity Table Tennis Championship	9 – 12 Nov	Dewan Besar, Universiti Teknikal Malaysia Melaka (UTeM)	KPT & Universiti Teknikal Malaysia Melaka	2nd Runner Up Women Single
55.	The Outstanding Student Chapter Award 2015 – 2016	11 Nov	2016 Annual Student Conference (ACS 2016) San Francisco USA	The American Institute of Chemical Engineers, Student Chapter (AIChE)	The Outstanding Student Chapter Award 2015 – 2016
56.	UTP Colours Of Ranggoli Night 2016 Indian Dance Competition	12 Nov	Chancellor Hall, Universiti Teknologi PETRONAS	Indian Orchestra & Stage Breakers	3rd Place
57.	Bhangra Dance Competition	19 Nov	Chancellor Hall, Universiti Teknologi PETRONAS	Bhangra Group Gajjdi Jawani	3rd Place

No.	Activities	Date	Venue	Organiser / Host	Achievement
58.	Kejohanan Bola Tampar Manjung ke17	25 - 27 Nov	Gelanggang Bola Tampar Astaka, Setiawan	Persatuan Bola Tampar Manjung	1st Runner Up
59.	43rd Pesta Hoki USM Penang International 2016	25 - 27 Nov	Universiti Sains Malaysia, Penang	Universiti Sains Malaysia	3rd place Men Open Classic Category
60.	3rd Malaysian International Music Arts Festival	29 Nov-2 Dec	Genting Highlands	String Ensemble	2nd Place String Orchestra Open Category & 3rd Place Overall
61.	Grand Final Jelajah Badminton IPT 2016	12 -15 Dec	Dewan Pusat Sukan Universiti Malaya (UM)	KPT & Universiti Malaya	3rd place Women's Double & Runner Up Mixed Double Div.2

STUDENT ACTIVITIES

No.	Activities	Date	Venue	Organiser / Participants
1.	CSR : Tunas Cemerlang 2016	1 Jan	Bait Al Amin	Counselling & Students Development Unit
2.	UTP Asian English Olympics 2016	2 Jan	Seminar Rooms, Universiti Teknologi PETRONAS	UTP Debate Club
3.	CSR : Reaching Out To The Homeless In Ipoh	3 Jan	Around Masjid Negeri Ipoh	Counselling & Students Development Unit And Sparkz
4.	Program Santai OKU Berkayak	9 Jan	UTP Lake, Universiti Teknologi PETRONAS	Co-curriculum Unit & Persatuan OKU Perak Tengah
5.	Visit To Thailand (Chulalongkorn University, Pttep Thailand National Oil Company And Chevron Thailand	11 - 14 Jan	Hulalongkorn University, Pttep Thailand National Oil Company And Chevron Thailand	SPE-UTP-SC
6.	STEP – UTP Chess Team Training Camp	14 - 16 Jan	Block 22, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team

No.	Activities	Date	Venue	Organiser / Participants
7.	UTP Sports Team Intensive Camp to SUKIPT 2016	21 - 23 Jan	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit
8.	Brickfields Asia Debating Championship (BAC DC) 2016	22 - 24 Jan	Brickfields Asia College, Petaling Jaya, Selangor	UTP Debate Club
9.	Teambuilding Program for UTP Pencak Silat Team	22 - 24 Jan	Pantai Chenang, Langkawi	Co-curriculum Unit & UTP Pencak Silat Team
10.	Simposium Kepimpinan Mahasiswa Perak 2016	25 - 29 Jan	Akademik Pembangunan Belia Malaysia Batu Gajah	Student Support Services Department, Universiti Teknologi PETRONAS
11.	Pertandingan Debat Terbuka Astar Universiti Malaya 2015/2016	29 Jan - 1 Feb	Universiti Malaya	UTP Debate Club
12.	Internal Chem-E-Car Training And Competition - Chem-E-Car Training	30 Jan	Main Hall, Universiti Teknologi PETRONAS	IChemE-UTP-SC
13.	Chinese Orchestra CSR Programme	30 Jan	Rumah Sejahtera Jelapang	UTP Chinese Orchestra
14.	Tronoh Theatre Shop -Collaboration With Karyawan Negeri Sembilan	3 - 6 Feb	Multipurpose Hall, Universiti Teknologi PETRONAS	Tronoh Theatre Shop
15.	Pertandingan Debat Keamanan Antara Institusi Pengajian Tinggi Malaysia 2016	12 - 15 Feb	Universiti Pertahanan Nasional Malaysia	UTP Debate Club
16.	National Aspiration And Leadership Summit 2016	14 Feb	Putra World Trade Centre	SRCUTP
17.	Tronoh Theatre Shop –Collaboration Performance In Yogyakarta	15 - 21 Feb	Pusat Pengembangan Dan Pemberdayaan Pendidik Dan Tenaga Kependidikan Seni & Budaya Yogyakarta	Tronoh Theatre Shop
18.	Asian English Olympics 2016	16 - 21 Feb	Binus University, Jakarta Indonesia	UTP Debate Club
19.	PETRONAS KM Star Awards	18 - 19 Feb	Galeri PETRONAS	UPAG, PETRA Group & Virtuoso

No.	Activities	Date	Venue	Organiser / Participants
20.	SRCUTP Sports Tournament	20 Feb	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & SRCUTP
21.	CSR : Let's Hike to Bukit Kledang	20 Feb	Bukit Kledang, Menglembu	Co-curriculum Unit & Kembara UTP
22.	UTP - UTAR Wushu Cross-Training	20 Feb	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Wushu Team
23.	STEP: UTP Badminton Team Training's Camp with Mohd Zakry Latif	22 - 25 Feb	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Badminton Team
24.	Industrial Visit To Ernst & Young (EY)	23 Feb	Ernst & Young, Kuala Lumpur	Career Advisory Unit
25.	UTP Sports Team Intensive Camp to Kejohanan Sukan MASIWA Zon Utara 2016	24 - 26 Feb	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit
26.	Industrial Visit To GE (General Electric) Aviation	26 Feb	GE Aviation, Subang	Career Advisory Unit
27.	Symphony Of Fitrah 2016	27 Feb	Chancellor Hall, Universiti Teknologi PETRONAS	UTP Medtech
28.	Mega Recycling Campaign	1 March	Universiti Teknologi PETRONAS	SRCUTP
29.	UTP Football Fantasy League 2016	4 March - 10 Apr	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Football Team
30.	CSR : Dive against Debris	4 - 6 March	Pulau Segantang, Langkawi	Co-curriculum Unit
31.	Program Bakat Siswa	4 - 6 & 7 - 9 March	Hotel Putri Park, Kuala Lumpur	Tronoh Theatre Shop
32.	National Age Group Chess Championship	14 March	Undercroft, Universiti Teknologi PETRONAS	Chinese Orchestra
33.	CSR : Young Shuttlers Development Program	15 - 17 March	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Badminton Team
34.	UTP Varsity Star Awards 2015	16 March	Main Hall, Universiti Teknologi PETRONAS	UPAG, Bhangra Group, Mozambique Group

No.	Activities	Date	Venue	Organiser / Participants
35.	Kejohanan Badminton Berpasukan Terbuka PBBS 2016	18 - 20 March	Kuching, Sarawak	Persatuan Badminton Bumiputera Sarawak
36.	Pertandingan Bola Jaring Karnival Sukan Belia 1 Malaysia	19 March	Kompleks JBS Perak, Ipoh	Kementerian Belia dan Sukan Malaysia
37.	Majlis Makan Malam Huazhong	19 March	Wisma Huazhong, Kuala Lumpur	Chinese Orchestra
38.	Kuala Muda Rugby 10s Dr. Ku Azhar Cup 2016	19 - 20 March	Institut Pendidikan Guru Kampus Sultan Abdul Halim, Sungai Petani	Kuala Muda Rugby Club
39.	Offshore Technology Conference Asia (OTC Asia) 2016	22 - 25 March	Kuala Lumpur Convention Centre (KLCC)	SPE-UTP-SC
40.	Industrial Visit To Finisar	23 March	Finisar, Ipoh Perak	Career Advisory Unit
41.	Kayak Relay Race 2016	23 March	UTP Lake, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Kayak Team
42.	Civil Sports 2016	23 - 24 March	V5 Futsal Court, Universiti Teknologi PETRONAS	Co-curriculum Unit
43.	2016 Petrobowl Regional Qualifiers	25 March	Kuala Lumpur Convention Centre, Kuala Lumpur	SPE-UTP-SC
44.	Pertandingan Akhir Pidato Antarabangsa Bahasa Melayu Piala Perdana Menteri 2016	25 March	Pusat Konvensyen Antarabangsa Putrajaya (PICC)	International Students Unit
45.	Cabaran Debat Muda 2121	1 - 4 April	Universiti Teknologi Petronas	UTP Debate Club
46.	Visit To Jabatan Mineral Dan Geosains Malaysia & Muzium Geologi 2016 Trip	1 April	Jabatan Mineral Dan Geosains Malaysia & Muzium Geologi, Ipoh	AAPG-UTP-SC
47.	International Cultural Night 2016	1 April	Chancellor Hall, Universiti Teknologi PETRONAS	International Group, UPAG, Interbeatz, Bhangra, Stage Breakers
48.	Perak Academic & Community Engagement 2016 (Peace'16)	2 April	Hutan Melintang, Bagan Datoh	Universiti Teknologi Malaysia Kuala Lumpur (UTMKL) Collaboration With UiTM Seri Iskandar, UPSI, UTP & Kolej Komuniti Bagan Datoh

No.	Activities	Date	Venue	Organiser / Participants
49.	Goal For Geek	2 April	V5 Futsal Court, Universiti Teknologi PETRONAS	Co-curriculum Unit
50.	Calligraphy Competition	4 April	SMK Ave Maria Convent, Ipoh	Chinese Orchestra
51.	Asia Pacific Conference , China	5 April	Rayfont Downtown Hotel, Shanghai China	AIESEC UTP
52.	Sirkit Squasy IPT 1Malaysia 2016	7 - 10 April	Kompleks Squasy MSN Perlis	KPT & Universiti Malaya
53.	The 11th Malaysia Chem-E-Car Competition 2016	8 - 9 April	Universiti Teknologi Malaysia (UTM), Skudai Johor	ICHEME-UTP-SC
54.	Tennis Viper Cup 2016	9 - 10 April	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Tennis Team
55.	Internal Theatre Performance JALUP	9 - 10 April	Multipurpose Hall, Universiti Teknologi PETRONAS	Tronoh Theatre Shop
56.	Kejohanan Sukan Hari Perpaduan IPT	14 April	Sunway University	KPT & Sunway University
57.	Ensemble Of Gamelan 2016	15 April	Chancellor Hall, Universiti Teknologi PETRONAS	Sanggar Kirana & Interbeatz
58.	Festival Of Colours Of The Worlds	15 - 16 April	Chancellor Hall, Universiti Teknologi PETRONAS	UPAG & Sanggar Kirana
59.	National Novice Debating Championship 2016	15 - 17 April	UiTM Shah Alam	UTP Debate Club
60.	The Asean Young Entrepreneurs Summit 2016 (AYES)	16 - 17 April	Dewan Canselor Tun Abdul Razak, UKM Bangi	Student Support Services Department
61.	Double Road Race Bali Series 2016	17 April	Bali, Indonesia	Baliraga Indonesia
62.	Industrial Visit To Google Malaysia	19 April	Google Office, Kuala Lumpur	Career Advisory Unit
63.	Teh Tarik Session with New Deputy Vice Chancellor, Student Affairs and Alumni	20 April	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit
64.	Indonesia Chemical Engineering Paper Competition 2016 (ICEPC)	22 - 24 April	Institut Teknologi Sepuluh Nopember (ITS), Surabaya, Indonesia	AICHE-UTP-SC

No.	Activities	Date	Venue	Organiser / Participants
65.	Pertandingan Debat Kenegaraan Piala Ungku Omar 2016	22 - 26 April	Universiti Kebangsaan Malaysia	UTP Debate Club
66.	3on3 Nottingham Basketball	23 April	University of Nottingham Malaysia Campus, Semenyih	University of Nottingham Malaysia Campus
67.	International Goodwill Trip To Yogyakarta, Indonesia	3 - 8 May	Yogyakarta, Indonesia	Rotaract Club
68.	HEP-IPTS Debating Tournament 2016	6 - 8 May	International Medical University, Bukit Jalil Campus	UTP Debate Club
69.	UTP Quality Day 2015 (2016)	11 May	Main Hall, Universiti Teknologi PETRONAS	UPAG
70.	CSR Programme Seri Iskandar	12 May	SMK Seri Iskandar	Sanggar Kirana
71.	LiSUS Peringkat Negeri Perak	14 May	Jabatan Belia dan Sukan Negeri Perak, Ipoh	Jabatan Belia dan Sukan Negeri Perak
72.	Participation In KL Theatre Festival 2016	16 May	Taman Budaya, Kuala Lumpur	Tronoh Theatre Shop
73.	Kejohanan Badminton IPT 2016	18 - 21 May	Universiti Malaya	KPT & Universiti Malaya
74.	KL Theatre Festival JALUP	20 - 21 May	Jabatan Kebudayaan Dan Kesenian Negara, Kuala Lumpur	Tronoh Theatre Shop
75.	Future Petroleum Engineers Forum 2016 (FPEF)	20 - 22 May	Beijing, China	SPE-UTP-SC
76.	UTP Badminton Closed 2016	21 - 22 May	Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Badminton Team
77.	UTP Thematics Chess Championship	22 May	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team
78.	National Oil Rig Competition (NORC)	26 May	Chancellor Hall, Universiti Teknologi PETRONAS	Career Advisory Unit
79.	UTP Tenpin Bowling Closed Tournament 2016	28 May	Ampang Superbowls	Co-curriculum Unit & UTP Bowling Team

No.	Activities	Date	Venue	Organiser / Participants
80.	Perlis International Marathon	29 May	Kangar, Perlis	Persatuan Olahraga Perlis
81.	Run or Dye 2016	29 May	Oval Park, Universiti Teknologi PETRONAS	Co-curriculum Unit
82.	UTP Dogdeball Tournament 2016	29 May	Oval Park, Universiti Teknologi PETRONAS	Co-curriculum Unit
83.	SUKIPT 2016 Incentive Award Ceremony	15 June	Ipoh	Co-curriculum Unit
84.	CSR : Mount Berembun Cleaning Track Expedition	16 - 17 July	Cameron Highlands	Co-curriculum Unit & Kembara UTP
85.	UTP Ultimate Frisbee Tournament 2016	16 - 17 July	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit
86.	UTAR Basketball Championship	17 - 25 July	Universiti Tunku Abdul Rahman	Universiti Tunku Abdul Rahma Kampar
87.	Geoscience Exhibition And Competition 2016	19 - 20 July	Chancellor Foyer, Universiti Teknologi PETRONAS	AAPG-UTP-SC
88.	Kembarians Induction Camp 2016	22 - 24 July	Kem Murni, Gopeng	Co-curriculum Unit & Kembara UTP
89.	UTP Colours Of Rangoli Night Tamil Language Lingual Competition 2016	23 July	Undercroft, Universiti Teknologi PETRONAS	Indian Orchestra
90.	Banana Relay Run	23 July	Chancellor Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit
91.	Lantern Night	23 July	Oval Park, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Hockey Team
92.	AAPG Futsal Open	23 - 24 July	V5 Futsal Court, Universiti Teknologi PETRONAS	Co-curriculum Unit & AAPG
93.	UTP Thematics Chess Championship	24 Jul	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team
94.	Oil & Gas Competition 2016 (OGC)	27 July	Seminar Room, Undercroft, Universiti Teknologi PETRONAS	SPE-UTP-SC
95.	Euphonious	28 - 30 July	Chancellor Hall	Co-Curriculum Unit

No.	Activities	Date	Venue	Organiser / Participants
96.	IEM Young Engineers Section National Summit 2016	28 - 31 July	Kuching, Sarawak	IEM-UTP-SS
97.	Konvensyen Kepimpinan Mahasiswa Islam IPT 2016 Peringkat Kebangsaan	29 July - 1 Aug	Universiti Sultan Zainal Abidin (UNISZA), Terengganu	UTP Student Support Services Department
98.	TEDxUTP 2016	30 July	Chancellor Hall, Seminar Room, Undercroft, Universiti Teknologi PETRONAS	SRCUTP
99.	UTP Colours Of Rangoli Night Futsal Tournament 2016	5 - 6 Aug	V5 Futsal Court, Universiti Teknologi PETRONAS	Co-curriculum Unit
100.	Go Green Movement Futsal	6 Aug	V5 Futsal Court, Universiti Teknologi PETRONAS	Co-curriculum Unit & Go Green Movement
101.	Schlumberger & Cameron Cocktail Reception	8 Aug	Grand Hyatt, Kuala Lumpur	UPAG & Sanggar Kirana
102.	UTP Fitness Game	13 Aug	Oval Park, Universiti Teknologi PETRONAS	Co-curriculum Unit
103.	Muaythai Fight Night	13 Aug	Main Hall, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Muaythai Team
104.	STEP : Squash Clinic by Squash Racquets Association of Malaysia (SRAM)	14 Aug	UiTM Seri Iskandar	UiTM Seri Iskandar
105.	UTP Seri Iskandar Half Marathon 2016	21 Aug	UTP Sports Complex, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Athletics Team
106.	Borak Arts Series	27 - 28 Aug	St. Giles Wembley, Hotel Penang	Tronoh Theatre Shop
107.	Merapoh Forest Run	3 Sept	Taman Negara Pahang	Persatuan Pencinta Alam (PEKA)
108.	CSR Programme Vokasional Seri Iskandar	3 - 4 Sept	Kolej Vokasional Seri Iskandar & Blok B, Universiti Teknologi PETRONAS	Sanggar Kirana
109.	The Precious Island Culture	14 - 18 Sept	Culture University Chinese Orchestra, Taiwan	Chinese Orchestra

No.	Activities	Date	Venue	Organiser / Participants
110.	Karnival Sukan Felda Lasah - 3 on 3 Netball	17 Sep	Padang Felda Lasah, Sungai Siput, Perak	Jabatan Belia dan Sukan Negeri Perak
111.	UTP Open Chess Championship 2016	24 Sept	Main Hall, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team
112.	Roma Conference Dinner	25 Sept	Undercroft, Universiti Teknologi PETRONAS	UPAG
113.	Kejohanan Silat Piala TPM	25 - 30 Sept	Batu Pahat, Johor	KPT & Universiti Tun Hussein Onn Malaysia (UTHM)
114.	International Seminar On Culture & Religious Wisdom	27 - 28 Sept	Universiti Sains Islam Malaysia	Arts Members
115.	Squash Malaysia	28 Sept	Dewan Hang Jebat, Melaka	KPT & Universiti Malaya
116.	Jelajah Badminton IPT @UM	29 Sept - 2 Oct	Dewan Besar, Universiti Malaya	KPT & Universiti Malaya
117.	Pokemon Run	1 Oct	Oval Park, Universiti Teknologi PETRONAS	Co-curriculum Unit
118.	UTP Asian English Olympics 2017 (UTP AEO 2017)	1 Oct	Lecture Hall 1, Universiti Teknologi PETRONAS	UTP Debate Club
119.	Asian University Invitation Tennis Tournament 2016	7 - 9 Oct	Gelanggang Tennis Majlis Sukan Negeri Perlis (MSNPs)	Persatuan Tennis Perlis
120.	Pertandingan Volleythn Hari Sukan Negara Peringkat Negeri Perak	8 Oct	Gelanggang Bola Tampar Astaka, Sitiawan	Jabatan Belia dan Sukan Negeri Perak
121.	2nd MCA National Interclub T20 Cricket	10 - 16 Oct	Kiara Oval, Kuala Lumpur	Perak Cricket Association
122.	PETRONAS Instrument Forum	12 Oct	Weil Hotel	UPAG & Sanggar Kirana
123.	UTP Tennis Master	13 - 15 Oct	UTP Tennis Court, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Tennis Team
124.	Northern Regional Leadership Conference	14 - 17 Oct	Universiti Sains Malaysia (Main Campus), Penang	AIESEC-UTP-SC
125.	Kejohanan Ragbi Ipoh Lion Siri 2	15 Oct	SMK Anderson, Ipoh	Lion Rugby Club, Ipoh
126.	UTP Team Chess Championship 2016	15 - 16 Oct	Main Hall, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team

No.	Activities	Date	Venue	Organiser / Participants
127.	Gamelan CSR Workshop	22 Oct	Gamelan Room UTP	Sanggar Kirana
128.	Student Talent Enrichment Program(STEP): Basic First Aid Course for UTP Sports Team	22 Oct	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit
129.	Kejohanan Futsal Terbuka Piala Naib Canselor Universiti Sultan Azlan Shah (USAS)	22 Oct	Futsal 3D Centre, Kuala Kangsar Parit, Perak	Universiti Sultan Azlan Shah (USAS)
130.	Kejohanan Badminton Piala Datuk Akmar Hisyam	22 - 23 Oct	KLPAC & Penangpac	Datuk Akmar Hisyam
131.	Short & Sweet KLPAC & Penangpac	24 - 19 Oct & 14 - 19 Nov	KLPAC & Penangpac	Tronoh Theatre Shop
132.	Pertandingan Pidato Piala Presiden MAYC Kebangsaan 2016	28 - 29 Oct	Dewan PKBM, Wisma Belia Kompleks MAYC, Jln Syed Putra, Kuala Lumpur	UTP Debate Club
133.	UTP DVC SAA Badminton Challenge	28 - 30 Oct	GMB Badminton Academy, Ipoh	Co-curriculum Unit & UTP Badminton Team
134.	CSR Program: UTP Blitz's Netball Clinic	2 Nov	SMK Seri Iskandar	Co-curriculum Unit & UTP Netball Team
135.	Northern Malaysia Mandarin Debate Tournament 2016	3 - 6 Nov	Universiti Teknologi PETRONAS	UTP Debate Club
136.	Kejohanan Taekwondo MASISWA	4 - 5 Nov	Taylor's University Lakeside Campus	MASISWA & Taylor's University
137.	International Medical University Debate Open 2016	4 - 6 Nov	International Medical University, Bukit Jalil	UTP Debate Club
138.	UTP Convocess Tournamnet	5 Nov	Block B, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team
139.	Regional Conference On Student Activism (RECONSA 2016)	11 - 13 Nov	Universiti Teknologi PETRONAS	Peer Helper, Intellectual & Awareness Team (I-Nat) & Rakan Masjid UTP
140.	The AIChE 2016 Annual Student Conference (ACS 2016)	11 - 14 Nov	San Francisco, USA	UTP-AICHE-SC

No.	Activities	Date	Venue	Organiser / Participants
141.	Malaysia Rapid & Blitz Chess Championship	12 - 13 Nov	Main Hall, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Chess Team
142.	Innobulus Co Concert NCSI Workshop	12 - 13 Nov	D'Hotel & Blok B, Universiti Teknologi PETRONAS	UTP Chinese Orchestra
143.	National Geoscience Student Conference	14 - 15 Nov	Undercroft, Universiti Teknologi PETRONAS	SEG-UTP-SC
144.	Istana Keadilan Theatre Performance	17 - 26 Nov	Main Hall, Universiti Teknologi PETRONAS	Tronoh Theatre Shop
145.	Great Gender Debate 2016	18 - 21 Nov	International Islamic University Malaysia, Gombak Campus	UTP Debate Club
146.	Meet Our Olympian - Leong Mun Yee, Fatehah Mustapha & Jonathan Wong	23 Nov	Pocket D, Universiti Teknologi PETRONAS	Co-curriculum Unit
147.	UTP CSR Project: Soccer Kids	26 Nov	Stadium Mini Batu Gajah	Co-curriculum Unit & UTP Football Team
148.	3rd Malaysian Intrenational Music Art Festival	29 Nov	Genting Highland	Proart Philhamonic Society & Ministry Tourism Msia
149.	Kejohanan Bola Tampar UniKL MSI	3 Dec	Universiti Kuala Lumpur Malaysian Spanish Institute (UniKL MSI)	Universiti Kuala Lumpur Malaysian Spanish Institute (UniKL MSI)
150.	Kejohanan Bola Jaring Piala Dato' Sri Bung Moktar	3 Dec	Putrajaya	Jabatan Belia dan Sukan Putrajaya
151.	UTP Young Shuttlers 2016	8 Dec	UTP Badminton Court, Universiti Teknologi PETRONAS	Co-curriculum Unit & UTP Badminton Team
152.	Kejohanan Tennis Piala Alumni UPSI	17 Dec	Universiti Pendidikan Sultan Idris, Tanjung Malim	Universiti Pendidikan Sultan Idris