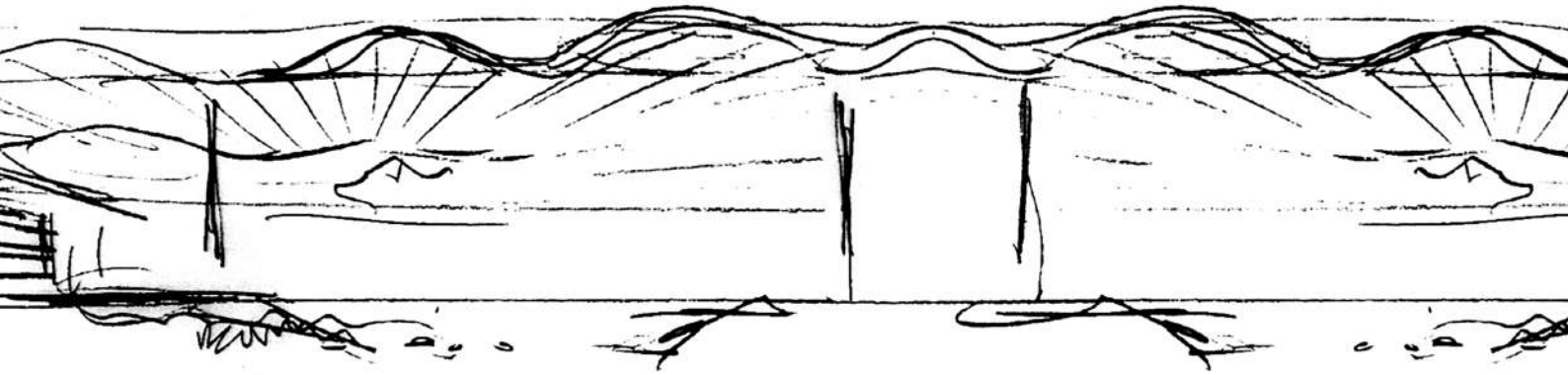
UNIVERSITI
TEKNOLOGI
PETRONAS

The Report
1997 – 2007

UNIVERSITI TEKNOLOGI PETRONAS

Commitment to a Vision



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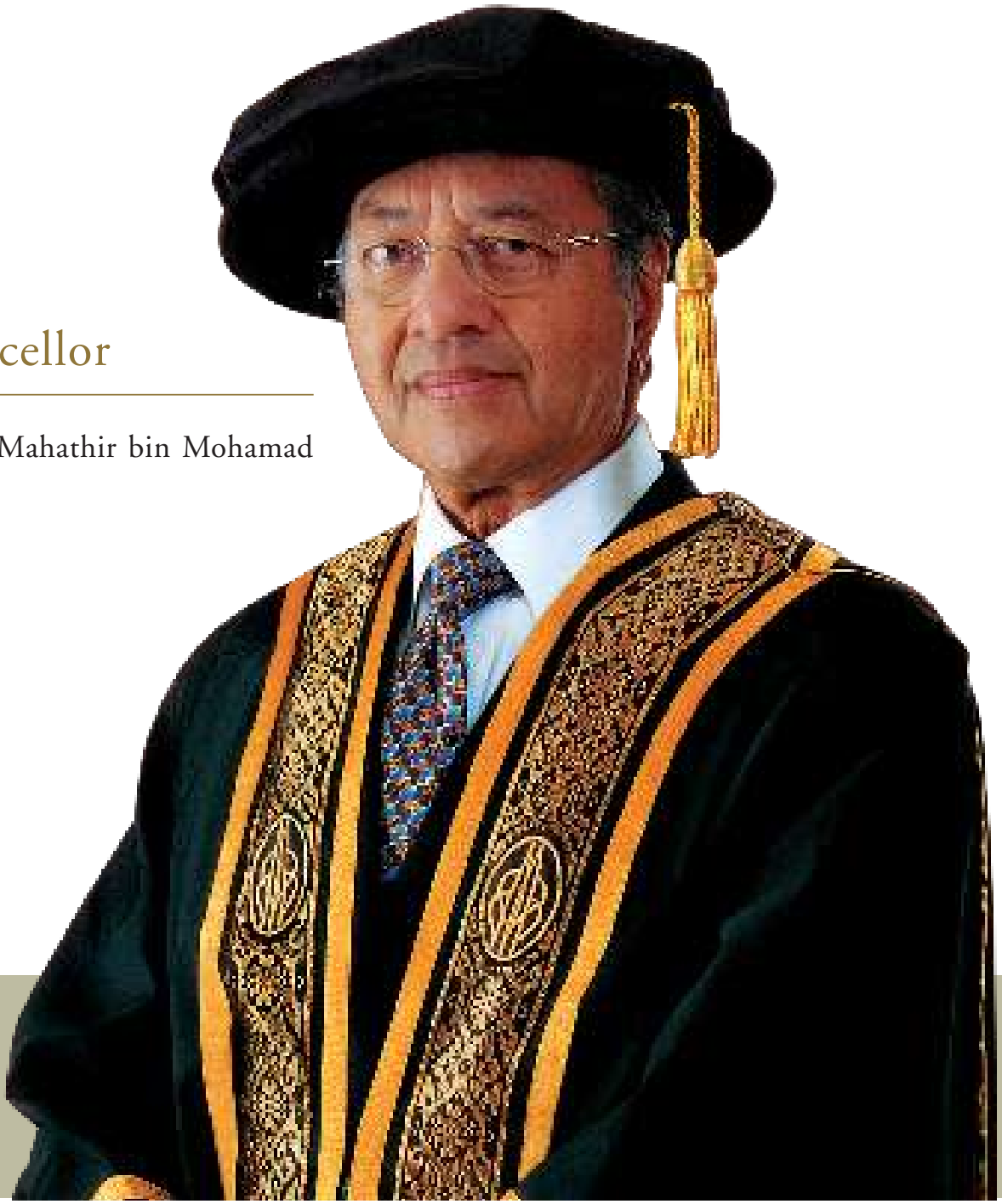
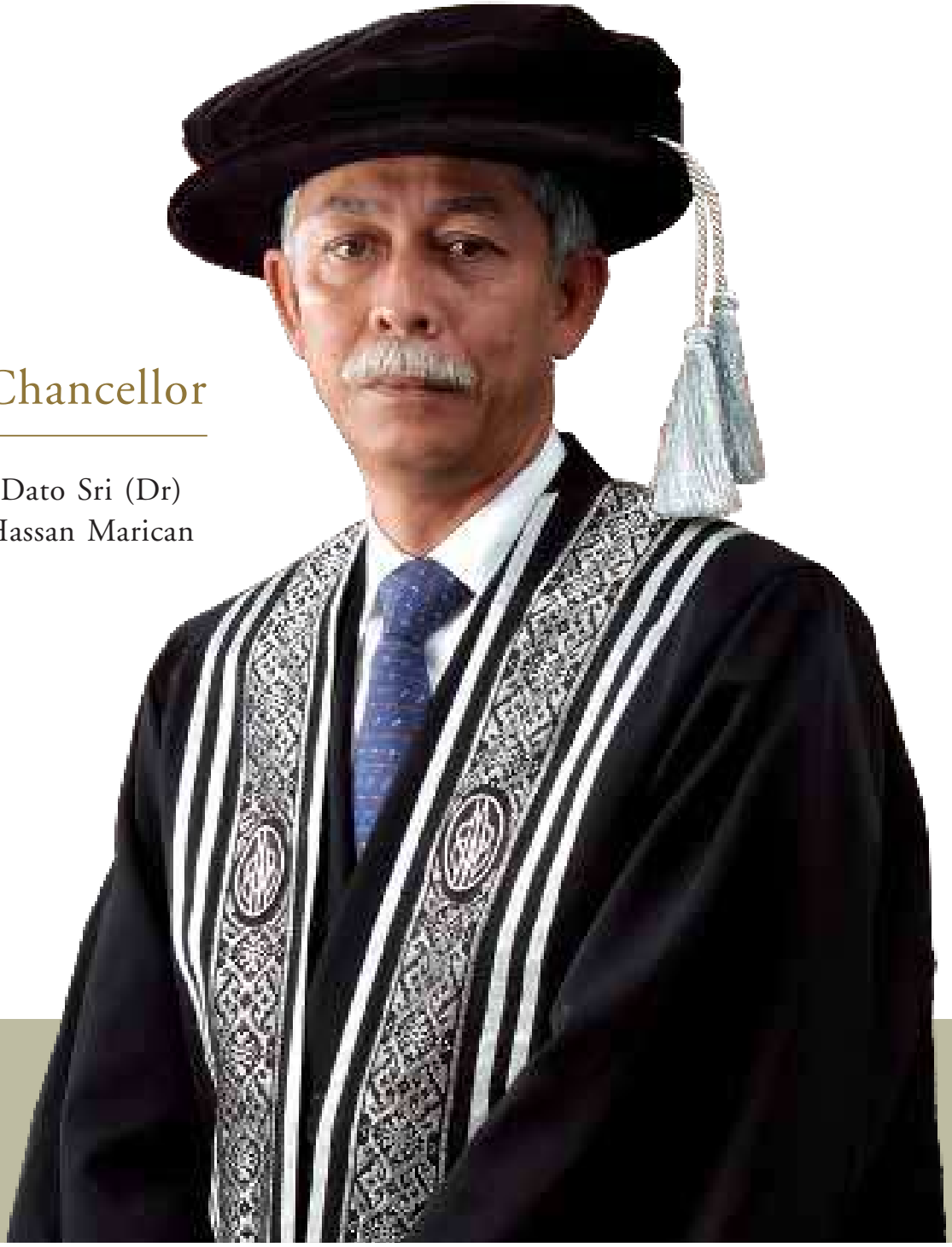
Chancellor

Tun Dr Mahathir bin Mohamad



Pro Chancellor

Tan Sri Dato Sri (Dr)
Mohd Hassan Marican



The Report

Chairman's Review

"Throughout its 10-year journey, the University in more ways than one, has proven that meticulous planning and exacting standards pioneered by the management, faculty members, students and various other stakeholders have yielded commendable success."

Datuk Ainon Marziah Wahi

As the financial year of 2007/2008 comes to an end and as we prepare for the next, there is always the opportunity to reflect on a rich harvest of achievements and to look forward to the challenges that face us.

In the present age of dynamic technological advancements and economic globalisation, the ability of any nation to capitalise on the vast opportunities presented by these developments is key to achieving and maintaining a competitive edge. The level of success in exploiting these opportunities depends largely on the ability of the people to accept change and to respond to new challenges. For this to happen, a highly competent, skillful and capable workforce is an important prerequisite.

In retrospect, the University was established in 1997 when PETRONAS took up the challenge by the Government for corporations to assume a more active role in the field of higher education. The University, apart from complementing the Government's efforts in developing Malaysia as a regional centre for educational excellence, also aimed to produce home-grown professionals and experts in petroleum-related fields. The ultimate objective of the establishment of the University is to build and subsequently expand the technology and skill-base of the nations' human capital.

Throughout its 10-year journey, the University in more ways than one, has proven that meticulous planning and exacting standards pioneered by the management, faculty members, students and various other stakeholders have yielded commendable success.

We have made a conscious effort to ensure that the University has an international outlook to prepare our graduates to face the challenges of globalisation. The faculty and student bodies comprise people from various nationalities, religions and cultural backgrounds. International benchmarking of the programmes and their delivery are carried out continuously through the appointment of external examiners from Australia, Canada, England, Japan, India, The Netherlands, United States of America and many more. Today, many of our graduates have built successful careers with corporations and organisations across the globe. The more academically-inclined gained entry at local and international institutions. Not only do they take home to their respective countries a recognised degree and technical expertise but also a deep understanding and sensitivity towards a cultural diversity that would equip and enable them to serve anywhere in today's borderless world. They are able to meet the demands in manpower for the oil and gas industry, not only for PETRONAS but also the industry as a whole.

In a span of 10 years, the University managed to equal and even exceed the accomplishments of the more established public universities as well as the newly-formed private universities in terms of its structured development, conscientious planning, and well defined vision and mission. This has in turn, made the University a trusted partner in various collaborative efforts both at home and in the international arena. To undertake research and consultancy projects especially in the areas of oil, gas and technology, the University has to date entered into several memoranda of understanding with Halliburton, Shell, Schumberger, Sun Microsystems and PETRONAS, to name a few.

Inspiring buildings inspire excellence. There is a close correlation between the University's physical presentation and its products. The best-known universities in the world are generally impressive structures. UTP's buildings are certainly awe-inspiring. As a testament to that, on 4 September 2007, we won the prestigious Aga Khan Award – the world's largest architectural award. Our campus has been described as emblematic of high-tech architecture that provides an inspiring structure for progressive education in this rapidly developing nation.

As we move forward towards this new era of the knowledge economy, we will intensify our efforts in developing the right competencies and capabilities required by the rapidly changing business environment. The University is well placed to leverage on the diversity of our graduates, faculty members and our learning partners both in terms of activity and geographical location, to work and learn from amongst the best organisations in the world today. Through this, we aim to inculcate a culture centered on continuous improvement and passion for excellence. Driven by our vision to become a leader in technology education and centre for creativity and innovation,

we will keep on enhancing our technological base and capabilities to position the University at the forefront of competition in the global arena.

As we enter yet another new phase of our development, we will relentlessly aim for high quality research papers in international publications, patents for our research products, commercialisation of our research efforts in the identified technology platforms, and collaborations with more international partners. These efforts would bring more breakthrough researches in niche technologies to propel the University to reach greater heights. Indeed, we have reached a new turning point as we celebrate our 10th anniversary on 10 January 2007. Reflecting on our past 10 years of growth, we can take pride in the fact that we have evolved from an institute focused on offering quality associate degree, into a full-fledged University that is ready to contribute to the enchancement of technical capabilities and industrialisation of the nations through our graduates and our research and development products. As we move forward, we are committed to continue to help develop an adequate human resource and indigenous technological capability to support the socio-economic advancement of nations.

On behalf of the Board, I would like to record our deepest gratitude to the late Chairman of PETRONAS Tan Sri Dato' Seri (Dr) Azizan Zainul Abidin who also concurrently served as the Chairman of the Board and the first Pro Chancellor of the University. The University is undoubtedly a product of his foresight and vision. His vision lives on, inspiring others to achieve excellence. We would also like to express our heartfelt appreciation to our first Chancellor, the late Raja Tun (Dr) Mohar Raja Badiozaman, for it was his advice and wisdom that lent inspiration to our graduates and staff. It was he who advocated that the University must be committed to building a tradition of excellence in higher education producing knowledgeable, creative and compassionate graduate of the highest moral and ethical standard. A special gratitude goes to Tan Sri Dato Sri Mohd Hassan Marican, President and CEO of PETRONAS for ensuring that the University receives adequate financial and other supports. And to the University founder Rector, Datuk Dr Rosti Saruwono, we are truly grateful for his dedication and commitment in paving the foundation for this University.

The success that we have achieved so far would not have been possible without the significant contribution from our staff. I would therefore like to thank the Management and all the staff of the University for their unwavering support, hard work and dedication in making the University into what it is today.

Datuk Ainon Marziah Wahi
Chairman

Rector's Report

> "The University is a firm believer of meticulous planning. The University's strategic move in designing programmes to the requirements of the nation and industry has proven to be sound."
>
> **Datuk Dr Zainal Abidin Haji Kasim**

Universiti Teknologi PETRONAS (UTP) is expected to play an important role in complementing the Government's effort to develop Malaysia into a regional centre for educational excellence. The establishment of the University has indeed added a new dimension to the history of PETRONAS' involvement in the area of training and human resource development. With the setting up of UTP, PETRONAS will be able to contribute to nation building by producing skilled and competent professionals who will not only meet the needs of the petroleum and related industries but also other sectors of the economy.

The University is a firm believer of meticulous planning. The University's strategic move in designing programmes to the requirements of the nation and industry has proven to be sound. When the Academic Masterplan was conceived in 1998, it took into account the national focus Vision 2020,

the PETRONAS' business and industry needs to develop its programmes. Studies were made on the academic offerings of other universities and UTP recognised the need to fill the vacuum in producing competent technical leaders.

The University's main objectives are to produce well-rounded graduates with leadership qualities, provide a superior learning experience to equip graduates with broad technology-related professional competencies, as well as to contribute to the economic and societal advancement of Malaysia by nurturing and supporting potential leaders of industry to meet the engineering, science and management manpower needs of the nation.

Other objectives include supporting PETRONAS' reputation as a global multinational of choice, contributing to the research and development of key technologies to provide PETRONAS with the competitive edge, providing rewarding careers for educators and researchers alike, and contributing to the emergence of a new generation of academic staff who see their primary roles as to facilitate learning rather than to advocate teaching.

The University's initial focus was to prepare a solid foundation for academic programmes. Amongst the first few measures were to ensure that all programmes obtained accreditation from the National Accreditation Board, as well as from international bodies. The University's BEng (Hons) Degree in Chemical Engineering is accredited by IChemE United Kingdom. Currently we have received conditional accreditation from Washington Accord – a body that recognises substantial equivalence in the accreditation of qualifications in professional engineering.

In ensuring that our academic programmes conform to international standards and meet the expectations of the relevant industries, we have taken important strategic development and quality assurance measures by establishing the International Panel of External Examiners in 1999, Academic Advisory Council in 2003, and Industry Advisory Panel in 2007. A conscious effort to attract industry participation has produced resounding success. Presently we have industry participation from more than 250 companies offering internship placements including overseas companies (SIEMENS, BASF, etc). The University has also managed to secure more than 100 industry speakers comprising leading personalities, company CEOs, leading academics and government authorities to serve as Adjunct Lecturers or invited speakers in our programmes or at the Public Lecture Series respectively.

The University introduced postgraduate programmes in 2000. We remain consistent in our commitment to ensure industry relevance by bringing world class programmes to Malaysia through strategic partnerships/alliances with Herriot Watt (MSc Petroleum Engineering), University of Manchester (MSc Process Integration) and Institut Francais du Petrole, IFP (MSc Petroleum Geoscience).

Student Achievements

Invention & New Product Exposition 2007(INPEX 2007)
4 golds

18th International Invention, Innovation, Industrial Design & Technology Exhibition 2007
3 silvers and 6 bronze

17th International Invention, Innovation, Industrial Design & Technology Exhibition 2006
Won 15 awards from a total of 17 projects (6 golds, 2 silvers and 7 bronze)

Received a Special Award
The Moscow Award for Best Invention in Medical Science

34th International Exhibition of Invention, New Techniques & Products of Geneva
1 gold and 2 silvers

Engineering Invention 'N' Innovation Challenge 2005 (EINIC 2006)
Overall Champion and Best Booth Award

16th International Invention, Innovation, Industrial Design & Technology Exhibition (ITEX 2005)
Postgraduate projects (1 gold, 3 silvers and 4 bronze) and Undergraduate projects (5 silvers and 6 bronze)

TSS 1st Malaysia Engineering Design Challenge 2005 Exhibition
First Prize, beating 61 other entries from other local universities and colleges

Engineering Invention 'N' Innovation Challenge 2005 (EINIC 2005)
People's Choice Award and Most Marketable Award

International Young CEO-Match Challenge 2004, Singapore
Overall Champion

A Memorandum of Understanding (MoU) with Shell Malaysia to establish the Shell Chair in Petroleum Geosciences was signed in 2006, and with Schlumberger in 2007 for the Schlumberger Chair in Petroleum Engineering. The creation of these Chairs enables the University to tap into the expertise and knowledge of its partners. The expertise and knowledge would then be imparted to the students pursuing petroleum-related courses. This will also assist UTP to strengthen its position in research and development, one of the main focus areas of the University.

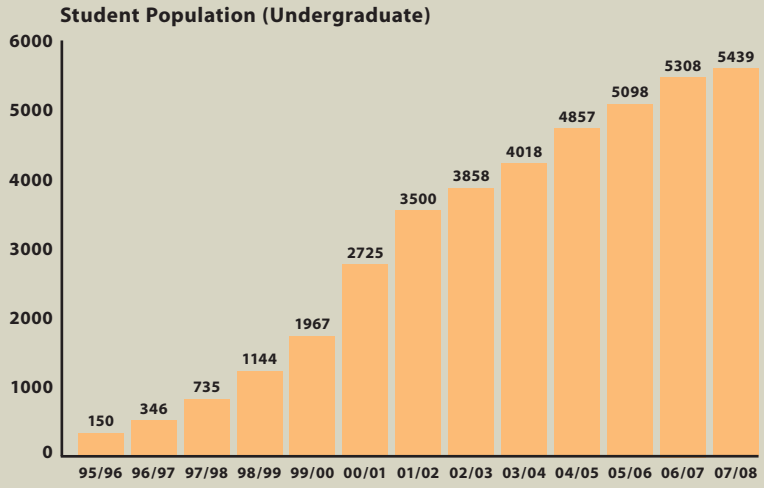
The strategic and exacting foundation laid by the University began to yield results in 2001. Since the inaugural convocation in 2001, all of our 150 graduates were employed within 9 months of their graduation, or 100 percent employability. To date, we have 3,386 graduates, 3,298 undergraduates and 88 postgraduates.

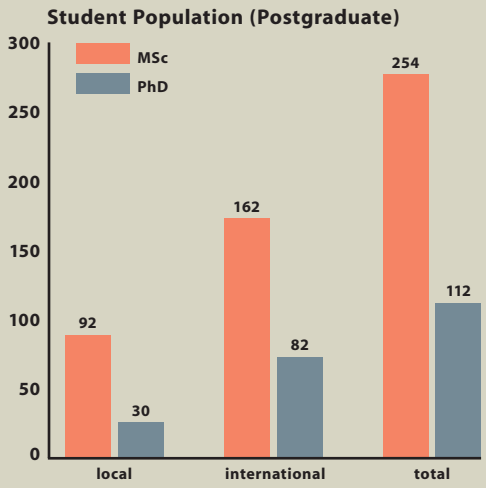
As a testament to our commitment in nurturing the leaders of tomorrow, our students have also made an indelible mark with their academic achievements both at the national and international fronts. We are dedicated in harnessing our students' creativity and innovative streaks in addition to their soft skills – leadership, communication and organising skills – to produce well-rounded graduates well-geared to face the challenges of globalisation. All these were evident in the projects and assignments undertaken by our students.

Within a span of ten years, the University has established a strong footing locally and abroad. Since its first intake in 1997 with 161 students, the University today has in its enrolment more than 5,800 undergraduate

and postgraduate students. The international student population has also grown by leaps and bounds, starting from the first batch of 12 students from Turkmenistan in 1999 to a total of 810 international students from 23 countries. Apart from our commitment in providing quality programmes, the sponsors have also made it possible for many students across the globe to seize the opportunity for higher education. In 2007, we have a total of 28 agencies providing financial assistance to our students from just three agencies – PETRONAS, MARA and JPA – back in 1995. In 2003 we started to attract international sponsors like PETRONAS Carigali Equotarial Guinea Ltd to join our sponsoring agencies list. In 2004, Texas Instrument came in, followed by the Ministry of Petroleum (MOPE) Egypt in 2005. Today, with the strength of 1168 alumni members spreading across several continents, our graduates are positioned globally to serve the nations.

The success of every organisation lies in their human capital. In an effort to strengthen its academic offering, the University is committed to harnessing local talents to support its vision. The University started its Trainee Lecturer Scheme in September 1999. The objectives are to expedite the recruitment of qualified staff to meet academic manpower requirements and to ensure the availability of competent and qualified teaching staff especially at the masters level in Electrical and Electronics Engineering, Chemical Engineering, Mechanical Engineering, Civil Engineering, Information and Communication Technology, Business Information Systems, Geosciences and Petroleum Engineering.

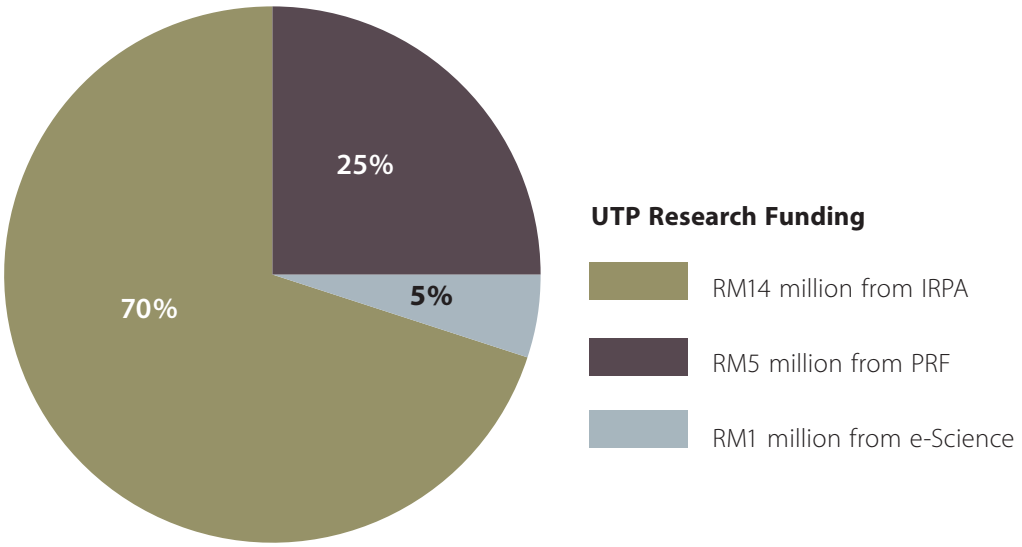




To date, 144 students have benefited from the Trainee Lecturer Scheme and now are serving the University, while 26 more have completed their post-doctorate degree programmes under the Staff Development Programme, a programme that was initiated in November 1999. There are currently 66 lecturers undergoing these post-doctorate degree programmes.

The University continues to attract specific key performance indicators to our academics. These include securing external funds and leading research projects, spearheading collaboration with industries, inculcating research culture in the University, applying and securing patents and producing quality research papers in international refereed journals and books.

With such high-calibre talents, these professionals are expected to accelerate our R&DC efforts. Since the R&DC Masterplan was first implemented, the University has established a well-defined direction in its research and developments activities. Technology platforms were identified to provide focus on the research activities within the University. For the past ten years, the University has secured an RM20 million in research funding, with RM14 million from IRPA, RM5 million from PRF and RM1 million from e-Science. This young University has also published more than 200 titles in conference proceedings and journals per year. Our research teams have won medals at Innovation/Invention Competition locally and overseas in addition to consultancy projects worth about RM1 million.



Between 2004 and 2007, there were more collaborations and partnerships, providing ample opportunities for bilateral efforts towards the development of petroleum, oil, gas and technology industries. The University signed several MoUs with a global players in its pursuit to deliver high-end technical training programmes.

Sun Microsystems Malaysia Sdn Bhd (Sun) signed a collaborative agreement with the University on 9 August 2006 to create a synergistic relationship via the Sun Academic Initiative (SAI). This initiative will see the University working together with Sun to provide its students with training in Sun's technology offerings. Under this programme, UTP will become an Authorised Sun Academic Initiative Center, enabling the academic institution to deliver training on Sun technologies to its students.

On 15 November 2006, Weatherford and the University officially exchanged a collaboration agreement on Petroleum Engineering Software, mainly to enhance the MSc Petroleum Engineering modules delivery. In a separate signing ceremony, Weatherford donated 10 licenses with an estimated value of USD1.8 million worth of software licenses. The University also signed an agreement with Paradigm to allow usage of software for reservoir characterisation and petrophysics solutions by the MSc and PhD students. The signing of the agreement with Paradigm, a world leader in geoscience knowledge solutions for the oil and gas industry demonstrates the close cooperation between the industry and the academia.

The collaboration with Halliburton involved the setting up of a Technical Excellence Centre (TEC) at the University. The first to be set up outside of North America, this highly specialised upstream oil and gas training facility provides training support in geology and geophysics. Halliburton will invest more than 700 million dollars in establishing this centre to include the capability to provide training and education in the areas of geology and geophysics. The center will benefit students from both Halliburton and PETRONAS locally and abroad.

The University also signed an MoU with Schlumberger Information Solution (SIS). SIS has contributed USD6 million worth of package of advanced subsurface evaluation and petroleum engineering software technologies to the University. The softwares will provide students pursuing the Masters of Petroleum Engineering Course, researchers and the faculty with integrated tools to enhance their understanding in petroleum engineering studies and develop their distinctive excellence capabilities.

In collaborating with Oracle Corporation Malaysia Sdn Bhd (Oracle), the University progressed further in its continuous efforts in providing an enhanced learning experience for its students. The MoA is part of an alliance between Oracle and the higher learning institutions to address the critical shortage of information technology skills in the workforce through a programme called 'Oracle Workforce Development Programme' (WDP). On 16 March 2007, a strategic alliance agreement between the University and Queen's University Belfast marked yet another important milestone in its quest to attain academic and R&D excellence. The establishment of this alliance between the two leading institutions of higher learning paved the way for collaboration to cover capability development, technical projects, education and R&D. In particular, the research and development activities will focus on the area of green technology involving the use of green chemistry, which is indeed timely given the numerous environmental problems currently faced by industries worldwide. Through this collaboration, UTP researchers will be able to access state-of-the-art knowledge in ionic liquid, industrial catalyst and some advanced environmental technologies developed by Queen's University Belfast. More importantly, with the formation of this alliance, it will be possible to access established R&D global networking in the area of green technology.

Within 10 years, the University has strengthened its academic offerings and has progressed well to focus on R&DC effort to join the ranks of other reputable universities in the world to evolve and become a research-intensive institution. From only 4 engineering courses and 2 technology programmes, academic programmes have developed to include BEng (Hons) Petroleum Engineering and postgraduate degrees that include Process Integration, and Petroleum Geoscience. Today, the University totals more than 20 academic programmes at various levels from foundation to PhD.

Corporate Social Responsibility

In July 2006, the picturesque An-Nur Mosque, nestled within the University campus, was officially opened by HRH Sultan Azlan Shah, the Sultan of Perak. In his opening remark, Sultan Azlan said he hoped the mosque will stand as one of the landmarks for Islamic development in Perak and would serve as an institution to integrate not only the staff and students of the University but also the public through various community activities. Built within the confines of the UTP campus, the mosque signifies one of PETRONAS' commitments in fulfilling its social obligations in our country.

Apart from the mosque, the University organised Iftar Ramadhan, an annual event to promote interaction and goodwill amongst staff, local authorities and the community, especially the less fortunate.

The University is supportive of local community programmes especially those that promote lifelong learning within the community. The University, through Persatuan Isteri dan Kakitangan Wanita PETRONAS (PETRONITA), Kelab Sukan dan Kebajikan Kakitangan Universiti (KSKKU), student body, clubs and organisations have organised and hosted several community projects like Titian Bakti and K-State and Smart School project, Roses of Perak (a charity project) – all geared towards playing a bigger role in bringing meaningful changes in the surrounding community.

Challenges and Moving Forward

The past 10 years have indeed been an eventful and challenging decade. Rome was not built in one day. Neither can a University. The University today has made a significant contribution in capability and capacity building for the nation – not only for PETRONAS and Malaysia but also for other nations, in critical areas of engineering and technology. In addition to imparting scientific and technological knowledge, the University is also a place for building character as well as developing resilience and adaptability in a changing global business landscape.

We owe so very much to the late Tan Sri Dato' Seri (Dr) Azizan Zainul Abidin who had lent his vision and wisdom, also to the late Raja Tun (Dr) Mohar Raja Badiozaman who had touched us briefly but profoundly with his gentle guiding words and last but not least to Datuk Dr Rosti Saruwono whose leadership has established a strong foundation for the University to take on greater challenges. Against this backdrop, we will continue to build on the strong foundation laid by investing in the development of our key resources and capabilities to gear ourselves to meet the daunting challenges ahead while at the same time capitalise on the vast opportunities offered by the more liberalised global environment and strategic partnerships. We believe that we already have a firm foundation to work from as testified by our achievements.

Finally, I would like to take this opportunity to thank all our staff. Your hard work and contributions have made it possible to celebrate our 10 years' anniversary with commendable success. May there be more to come in the future. I would also like to express my appreciation to the Chancellor, Tun Dr Mahathir Mohamad, the Pro Chancellor, Tan Sri Dato Sri (Dr) Mohd Hassan Marican, the Chairman of the Board, Datuk Ainon Marziah Wahi, Board of Directors, Academic Advisory Council, Industry Advisory Panel, and International External Examiners for their continued support, counsel and guidance.

Datuk Dr Zainal Abidin Haji Kasim
Rector

Milestones

1995 to 2000

The Establishment Phase

1995

April

Formation of Institute of Technology PETRONAS Sdn Bhd in PERMATA, Bangi, Selangor

July

Commencement of the first academic session in PERMATA, Bangi

1996

July

Relocation to the permanent campus in Bandar Seri Iskandar, Perak Darul Ridzuan

1997

January

Invitation by the Minister of Education to set up Universiti Teknologi PETRONAS

August

Approval from the Ministry of Education to run the University's own undergraduate programmes

1998

January

First intake of the trainee lecturer scheme

June

Review of programmes and curricula by External Expert Panel

July

Commencement of the University's Academic Masterplan Study

August

Convocation ceremony for ITP graduates

December

Introduction of Vision and Mission Statements

Completion of the University's Academic Masterplan Study and commencement of Physical Development Masterplan

Assessment of Chemical Engineering and Electrical & Electronics Engineering Programmes by the National Accreditation Board

1999

June

Unveiling of UTP official logo

July

Commencement of the University's local internship attachment

First intake of students from Turkmenistan

August

Departure of the first batch of trainee lecturers for their masters programmes overseas

Assessment of Mechanical Engineering, Information Techology and Information Systems Programmes by the National Accreditation Board

September to November

Accreditation from the National Accreditation Board for Chemical Engineering, Electrical and Electronics Engineering, Mechanical, Engineering, Information Technology and Information Systems programmes

October

Establishment of Persatuan Isteri dan Kakitangan Wanita PETRONAS (PETRONITA) Tronoh

2000

February

Commencement of Staff Development Programme

July

Establishment of Kelab Sukan dan Kebajikan Kakitangan Universiti (KSKKU)

Start of overseas internship attachment

Introduction of postgraduate degree programmes

2001 to 2004

The Development Phase

2001

July

The First Media Visit

August

Proclamation of YABhg Raja Tun (Dr) Mohar Raja Badiozaman as the First Chancellor

Inaugural Convocation Ceremony for 150 graduates

September

Commencement of UTP Research, Development and Consultancy Masterplan Study

2001 to 2002

October 2001 to January 2002

Accreditation from Board of Engineers, Malaysia for Chemical Engineering, Electrical and Electronics Engineering and Mechanical Engineering programmes

2002

February

Integrated recruitment drive for Education Division

February to March

Recognition from Public Services Department for Chemical Engineering, Electrical & Electronics Engineering, Mechanical Engineering, Information Technology and Information Systems programmes

March

Completion of UTP Research, Development and Consultancy Masterplan Study

April

Inter-private universities sports carnival

August

Establishment of UTP Alumni

Second Convocation Ceremony for 304 graduates

2003

February

Appointment of Academic Advisory Council

April

Official launching of PETRONITA Perak Office by YBhg Puan Sri Datin Sri Noraini Mohd Yusoff, Yang DiPertua PETRONITA

May

UTP-University of Queensland Research Collaboration Symposium

June

Official Opening of Academic Complex by YBhg Tan Sri Dato' Seri (Dr) Azizan Zainul Abidin, the Chairman of PETRONAS and ITPSB Board

August

Appointment of Tan Sri Dato Sri (Dr) Mohd Hassan Marican as the Pro-Chancellor

Third Convocation Ceremony for 333 graduates

December

PETRONAS' first education sponsorship selection camp

2004

April

Proclamation of Tun Dr Mahathir bin Mohamad as Chancellor

Presentation of the University's first Honorary Doctorate Award to Tun Dr Mahathir bin Mohamad

Inaugural International R & D Forum on Oil, Gas and Petrochemical

August

Official opening of Universiti Teknologi PETRONAS by YAB Dato' Seri Abdullah Hj Ahmad Badawi, Prime Minister of Malaysia

Fourth Convocation Ceremony for 464 graduates

November

Official shift of all Administrative Offices to Chancellor Complex

December

18th Symposium of Malaysian Chemical Engineers (SOMChE)

2005 to 2007

The Growing Phase

2005

March

Appointment of Datuk Dr Zainal Abidin Hj Kasim as Rector/CEO of UTP

April

Official opening of UTP-Halliburton Technical Excellence Centre

May

Research achievement at the 16th International Invention, Innovation, Industrial Design and Technology Exhibition where the University bagged a gold medal

June

Inaugural Biannual Postgraduate Research Symposium

August

Fifth Convocation Ceremony for 563 graduates

November

Accreditation by Institution of Chemical Engineers (IChemE)

December

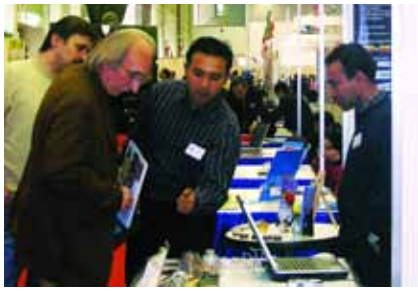
International Conference on Intelligent Systems (ICIS 2005)

2006

March

First IFEH Asia & the Pacific Regional Group Conference on Environmental Health

April



Research achievement at the 34th International Exhibition of Invention, New Techniques and Products of Geneva where the University's research team brought home 1 gold and 2 silver medals

May

Research achievement at the 17th International Invention, Innovation, Industrial Design and Technology Exhibition where the University bagged 6 golds, 2 silvers and 7 bronze medals

July

Official Opening of An-Nur Mosque by Duli Yang Maha Mulia Paduka Seri Sultan Azlan Muhibbuddin Shah Ibni Al Marhum Sultan Yussuf Izzuddin Shah Ghafarullahu-Lah Raja Yang Di-Pertuan Negeri Perak Darul Ridzuan

August

Sixth Convocation Ceremony for 724 graduates

Launching of Sun Microsystems Education Initiative

September

National Chemical Engineering Symposium (NACES 2006)

November

Hosting Anak Perak programme (Computer and Information Sciences)

Collaboration signing ceremony between UTP and Weatherford Solutions Sdn Bhd

Signing ceremony on a collaboration between UTP and Paradigm for allowing usage of software for reservoir characterisation and petrophysics solution by the MSc and PhD students

Commencement of Enhanced Oil Recovery (EOR) Research (Geoscience and Petroleum Engineering)

Opening of the Platinum Collection Series on Allahyarham Tan Sri Dato' Seri (Dr) Azizan Zainul Abdin

2006

November

Launching of UTP Formula Society of Automotive Engineers (SAE) Racing Car

December

Second International R&D Forum on Oil, Gas and Petrochemicals

UTP-SHELL Academic Chair Sponsorship in Petroleum Geosciences

2007

January

Inauguration of The Schlumberger Professorial Chair in Petroleum Engineering

February

Launching of The Roses of Perak – a collection of mini-biographies of prominent women of Perak, by DYMM Raja Permaisuri Perak

March

Signing ceremony of strategic alliance agreement between the University and Queen's University Belfast

2007

April

SPE-UTP Oil and Gas Symposium

Signing ceremony between UTP and TM Net and the launch of Wireless Broadband Project

May

First meeting of Industry Advisory Panel

Launching of i-newspaper, Nexus and Novo Portal

June

Research achievement at the 35th International Exhibition of Invention, New Techniques and Products of Geneva where the University's research team collected more awards with 5 gold medals, 1 silver and 1 bronze

July

Achievement at SIFE (Student in Free Enterprise) Rookie of the Year Award where students from UTP Young Enterpreneur Club (YEC) were declared the winner amongst 1800 participating students from 40 countries

August

Seventh Convocation Ceremony for 848 graduates

Collaboration between UTP and Oracle Corporation Malaysia Sdn Bhd

September

Recognition with the prestigious Aga Khan Award for the campus' ultra-modern structure yet traditional architectural design

October

Certification of Multimedia Super Corridor Status by the Malaysian Government

Commitment to a Vision

The establishment of Universiti Teknologi PETRONAS signifies PETRONAS' commitment to education. Since its inception on 10 January 1997, the University has remained steadfastly focused on its commitment to realising its vision – to be a leader in technology education and centre for creativity and innovation.

Today, the University reaffirms its commitment in various ways – through its community and global outreach programmes, through collaborations and partnerships, and through research and development. It is also the place for contemplation and thought where creativity, innovation, knowledge and wisdom germinate and flourish.

It is a place where leaders are nurtured and cross-cultural values shared and embraced. It has become a confluence for inter-cultural interaction and exchange. The University's graduates have now gained acceptance in Ivy League universities to further their education and many are serving industries and corporations beyond Malaysian shores. In addition to having an international faculty, the University also hosts centres of excellence where multinational corporations conduct professional trainings and collaborative research.

We have certainly come a long way since 1995.

UNIVERSITI
TEKNOLOGI
PETRONAS
Kompleks
Canselor

Appendices

Vision & Mission

Vision

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

Mission Statement

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

University Profile

Universiti Teknologi PETRONAS (UTP) was established on 10 January 1997, when PETRONAS was invited by the Malaysian Government to set up a university.

The campus is built on a 400 hectare (1,000 acre) site strategically located at Bandar Seri Iskandar, Perak Darul Ridzuan, Malaysia. The university is a wholly-owned subsidiary of PETRONAS, the national oil company of Malaysia.

UTP offers a wide range of engineering and technology programmes at undergraduate and postgraduate levels complemented with a strong focus on Research and Development. All our programmes are designed with high industry relevance to provide a dynamic learning environment. The University is located in a beautifully landscaped setting, amidst the new township of Bandar Seri Iskandar, and its community comprises students and staff from various countries. Its peaceful environment, wide open spaces and abundant lakes make these serene surroundings an ideal place to study.

Chancellor

Tun Dr Mahathir bin Mohamad

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

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

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

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

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

In recognition of his outstanding contributions to nation building, Tun received numerous prestigious fellowships, awards and honours from universities and academic institutions, both locally and internationally. Honorary Member, Academy of Medicine (1983), Honorary

Member, Malaysian Medical Association (1984), Honorary Fellowship of the Royal College of Surgeons, Ireland (1991), Honorary Fellowship, Academy of Sciences Malaysia (1996), Honorary Fellowship, Royal College of Physicians of Edinburgh (1997), Honorary Professor, Kyrgyz University (1996), Honorary Doctorate in Humanities, National University of Mongolia (1997), and Honorary Doctorate of Literature, and Al-Azhar University (1998), to name a few.

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

Pro Chancellor

Tan Sri Dato Sri (Dr) Mohd Hassan Marican

A Fellow of the Institute of Chartered Accountants in England and Wales, as well as a member of the Malaysian Institute of Accountants and the Malaysian Institute of Certified Public Accountants, Tan Sri Dato Sri (Dr) Mohd Hassan Marican was born in Sungai Petani, Kedah in 1952.

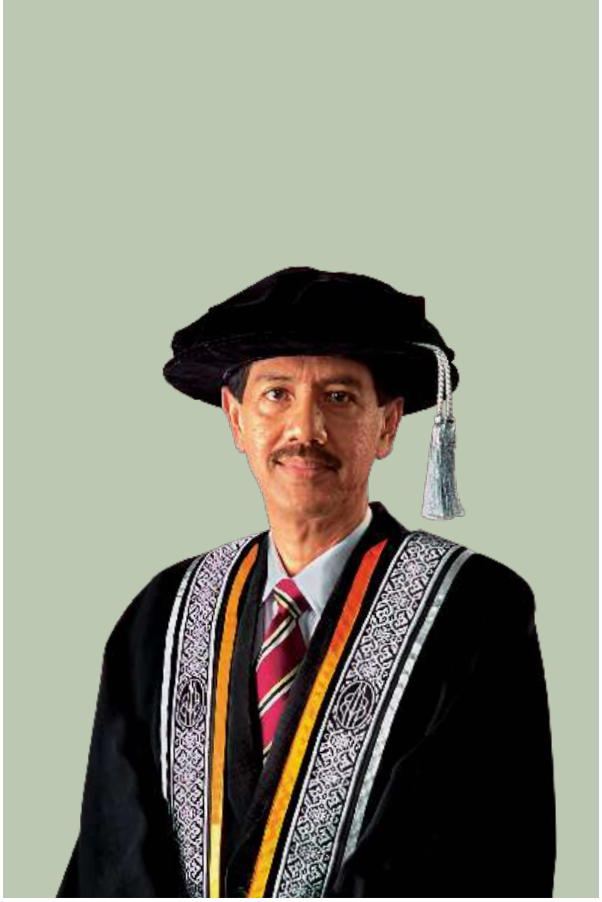
Having received his early education from Malay College Kuala Kangsar, Tan Sri Hassan left for London in 1972 to join accounting firm Touche Ross & Co as an article clerk before becoming a qualified Chartered Accountant. Tan Sri Hassan returned to Malaysia in 1980 to work with Public Accountants Tetuan Hanafiah Raslan & Mohamad/Touche Ross & Co and became a partner a year later. He was called to serve PETRONAS as Senior Vice President of Finance in 1989 and was appointed President and Chief Executive Officer of PETRONAS in 1995.

Tan Sri Hassan has received numerous awards – among them the Panglima Setia Mahkota (PSM) in 1997 (carrying the title Tan Sri), the Bintang Darjah Seri Paduka Mahkota Terengganu (SPMT) in 1996 and Darjah Sultan Mahmud Terengganu Yang Amat Terpuji (DSMT) in 1992 (both carrying the title Dato'), and the Panglima Negara Bintang Sarawak (PNBS) in 2003 (which carries the title Dato Sri). He was also awarded the "Commandeur De La Legion D'Honneur" by the French Government in 2000, the "Friendship Medal" by the Vietnamese Government in 2001, and the Honorary Doctorate in Engineering by Universiti Malaya in 2001.

A member of the PETRONAS Board of Directors and Chairman of two public listed companies under the Group –PETRONAS Gas Berhad and MISC Berhad – Tan Sri Hassan is also the Chairman of Engen

Limited, a PETRONAS subsidiary and South Africa's leading oil refining and marketing company.

Beyond PETRONAS, Tan Sri Hassan is a board member of the Central Bank of Malaysia and a member of the board of the Malaysia-Thailand Joint Authority, which oversees petroleum development in the overlapping area between Malaysia and Thailand. He is also a member of the International Investment Council for the Republic of South Africa, a board member of the World Economic Forum's (WEF) Partnering Against Corruption Initiative (PACI) as well as a member of the WEF's Council of 100 Leaders.



Rector

Datuk Dr Zainal Abidin Haji Kasim

Datuk Dr Zainal completed his A-Levels in Cardiff, United Kingdom under the MARA Scholarship programme in 1973. In 1976, he received his BSc. in Chemistry/Polymer Science from Loughborough University of Technology, UK and in 1980, his MSc. in Petrochemical/Hydrocarbon Chemistry from UMIST, UK under the PETRONAS sponsorship.

In September 1976, he began his long illustrious career with PETRONAS at the Laboratory Services Department. This department later became the Petroleum Research Institute (PRI), and was subsequently renamed PETRONAS Research & Scientific Services Sdn Bhd (PRSS).

From 1990 to 1996, Datuk Dr Zainal served as Senior Manager of Process Technology, PRSS, before being appointed General Manager of its Research Division. Simultaneously from 1990 to 1994, he read his PhD in Aromatisation of LPG using Zeolite Catalysts at the Insitut Francais du Petrole (IFP) in conjunction with the University of Paris VI.

In 2000, he was appointed the General Manager of PETRONAS Technology Resource Management Division (TRM). TRM has since been restructured and is now known as the Technical Services Division (TSD). On 1 April 2004, Datuk Dr Zainal became the General Manager of Group Technology and Capability Management.

Throughout his career in PETRONAS, Datuk Dr Zainal has been fully involved in the development of PRSS. He now heads the PETRONAS Technology Advisory Committee that approves and monitors research work within PETRONAS. Datuk Dr Zainal is also one of the key personnel responsible for the groupwide implementation of the Technical Professional Career Progression (TC/PCP) scheme.

Datuk Dr Zainal joined the University as the Rector in 2005.

Chancellor (2001 to 2003)
Raja Tun (Dr) Mohar Raja Badiozaman

Pro Chancellor (2001 to 2004)
Tan Sri Dato' Seri (Dr) Azizan Zainul Abidin

Rector (1997 to 2004)
Datuk Dr Rosti Saruwono

Board of Directors 2007

1. **Chairman** Datuk Ainon Marziah Wahi

Datuk Ainon was appointed to the Board on 1 October 2002. In March 2005, she became the third Chairman of ITPSB following the demise of the late Tan Sri Dato' Seri Azizan Zainul Abidin. Backed by more than 28 years of experience, Datuk Ainon has held various positions in PETRONAS. She holds a bachelor's degree in Anthropology and Sociology from University of Malaya (1973) and an MSc in Industrial Relations from University of Strathclyde, UK (1976). Datuk Ainon is at present, the Vice President of Human Resource Management, a position she has held since 2002.

2. **Member** Tan Sri Dato' Mohamad Noordin Hassan

Tan Sri Dato' Mohamad Noordin is one of the founding members of Institute of Technology PETRONAS Sdn Bhd. He was appointed as a member of the Board of Directors on 26 July 1995. Tan Sri is a graduate of University of Malaya with a BA (Hons) in Economics. He also holds a Masters degree in Public and International Affairs from University of Pittsburgh, USA. Tan Sri has more than 35 years of experience in the service of the government of Malaysia where he served in various capacities at district, state and federal levels including as Deputy Secretary General, Ministry of Trade & Industry; Secretary General, Ministry of Science, Technology and Environment; and Secretary General, Ministry of Education. He was the Vice President of PETRONAS and was instrumental in the establishment of the University. Today, Tan Sri is Chairman of DNP Holdings Sdn Bhd, and he also sits in on the Board of UMW Holdings Sdn Bhd and Ruby Quest Sdn Bhd, two public-listed companies under Bursa Malaysia. Tan Sri also holds directorships in several subsidiaries in DNP Group.

3. **Member** Datuk Dr Rosti Saruwono

Datuk Dr Rosti received his BE (Mechanical Engineering) from the University of Queensland, Australia in 1973. From 1974 to 1980, he started his career with the Ministry of Labour and Manpower as the Principal of the Industrial Training Institute, Kuala Lumpur. In 1980, he began his career at PETRONAS. After obtaining an MBA from The Henley Management College, Brunel University, UK, Datuk Dr Rosti became the Manager of Institute Latihan Perindustrian Petroleum (ILPP) in Kuala Terengganu. This began his illustrious career in education and training. Later on, Datuk Dr Rosti joined the Group Manpower Planning and Development Department before being appointed as Deputy General Manager, Human Resource Division from 1988 to 1990. From 1990 to 1993, Datuk Dr Rosti pursued his PhD in Business Studies at The Henley Management College where he was also a Research Associate. Upon the completion of his PhD, he was appointed as MD/CEO of PETRONAS Management Training Sdn Bhd (PERMATA). Subsequently in 1995, he was appointed as the MD/CEO of ITPSB to spearhead the establishment of Universiti Teknologi PETRONAS. Datuk Dr Rosti is the Vice President of Education PETRONAS, a position he has held since 1st March 2004.

4. **Member** Datuk Anuar Ahmad

Datuk Anuar Ahmad, aged 52, holds a Bachelor of Science Degree (Econs) from the London School of Economics & Political Science, University of London and has attended Harvard Business School's Advanced Management Programme (AMP). He joined PETRONAS in 1977 and is currently the Vice President, Oil Business. He was the MD/CEO of PETRONAS Dagangan Berhad from 1 July 1998 till 30 September 2002. He is also a member of PETRONAS' Board and also sits on the Board of several companies within the PETRONAS Group. Datuk Anuar was appointed a member on ITPSB Board on 1 August 2005

5. **Member** Samsudin Miskon

Samsudin Miskon, graduated with BSc (Hons) Chemical Engineering from Aston University, UK in 1983. Samsudin joined PETRONAS upon graduation and in 1994 did his masters degree in Project Management at University of Reading, UK. In 1997 he attended INSEAD, France for the Diploma in International Management and in 2005 he underwent the Advanced Management Programme at Harvard Business School, USA. He is currently the Managing Director/CEO of PETRONAS Gas Berhad and also sits on the Board of several companies within the PETRONAS Group. Samsudin was appointed an ITPSB Board member on 1 August 2005.

6. **Member** Nusral Danir

Nusral holds a B.Sc in Control Engineering from the University of Sussex, UK. He joined PETRONAS in 1979 and has served in the PETRONAS' Exploration & Production Business in various capacities, both in the international and domestic arena. He joined PETRONAS Carigali Sdn Bhd (PCSB) as a Construction Manager in the Development Division and later was assigned as a Team Leader of the PETRONAS Carigali Organisational Effectiveness Study. Subsequently, he was appointed as the Asset Manager for PM-9, Area Operations. In 1996, he was assigned as the General Manager of Algeria Operations, responsible for PCSB's exploration activities, as well as the Country Manager responsible for business development for PETRONAS. He returned in March 2001 as the General Manager, Sabah Operations at PCSB and later reassigned as the General Manager of Domestic Operations responsible for the entire Malaysian Assets. In the reorganisation exercise in PCSB in 2006, he was appointed as the Senior General Manager of Operations Division where he was responsible for all Malaysian & International Operations. Nusral was appointed an ITPSB Board member on 1 August 2005.

7. Member (Rector/CEO)
Datuk Dr Zainal Abidin Haji Kasim

A graduate of BSc. in Chemistry/Polymer Science from Loughborough University of Technology, UK, in 1976, Datuk Dr Zainal Abidin Haji Kasim joined the ranks of PETRONAS in September 1976. He pursued an MSc. in Petrochemical/Hydrocarbon Chemistry from UMIST, UK in 1980 on PETRONAS' sponsorship. Datuk Dr Zainal started his career at Laboratory Services Department (now PETRONAS Research & Scientific Services Sdn Bhd or PRSS). He was the Senior Manager, Process Technology (1990 to1996), before being appointed as the General Manager of its Research Division. He obtained his PhD in Aromatisation of LPG using Zeolite Catalysts at the Insitut Francais du Petrole (IFP) in 1994. Throughout his career in PETRONAS, he was fully involved in the development of PRSS and led the PETRONAS Technology Advisory Committee which approves and monitors research work within PETRONAS. In 2005 Datuk Dr Zainal took the helm of UTP as the Rector and was appointed as a Board Member of ITPSB on 16 March 2005.

8. Company Secretary Zainalabidin Ismail

Zainalabidin Ismail, aged 52, is the Company Secretary of Institute of Technology PETRONAS Sdn. Bhd. He is also currently a Legal Resource Person with the Legal Services Unit of PETRONAS. He holds a Masters of Law Degree from the University of London. He joined PETRONAS in 1979 as a Legal Officer and has since served as in-house Legal Adviser in numerous Holding Company Units as well as Operating Units throughout the PETRONAS Group of Companies. From February 1980 to September 1983 he served as a Legal Officer with PETRONAS Carigali Sdn Bhd. Between 1988 and 1997 he was the Legal Adviser and Company Secretary of PETRONAS Dagangan Sdn Bhd (which changed its name to PETRONAS Dagangan Berhad when it became a public listed company). From 1998 to 2004 he was the General Manager of the Corporate Services & Technology Practice Group of the Legal Services Unit of PETRONAS. In that same period he was also the Company Secretary and Legal Adviser of PETRONAS Research & Scientific Services Sdn Bhd, PETRONAS Management Training Sdn Bhd, PETRONAS Technical Services Sdn Bhd, PETRONAS Hartabina Sdn Bhd and PETRONAS Assets Sdn Bhd. Zainalabidin was appointed as the Company Secretary of ITPSB on 15 January 1999.

Board Members 1995 to 2006

Tan Sri Dato Sri
Mohd Hassan Marican
(Chairman, 1995 to 1998)

Tan Sri Dato' Seri
Azizan Zainul Abidin
(Chairman, 1998 to 2004)

Datuk Ainon Marziah Wahi
(Chairman, 2004 to date)

August 1995

Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Abdul Aziz Abd Kadir	Company Secretary

December 1995

Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Dr Mohd Ariffin Haji Aton	Member
Mohamed Zohari Mohamed Shaharun	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

January 1996

Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Dr Mohd Ariffin Haji Aton	Member
Mohamed Zohari Mohamed Shaharun	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

July 1996

Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Datuk Nik Abdul Aziz Mohamed Kamil	Member
Dr Mohd Ariffin Haji Aton	Member
Mohamed Zohari Mohamed Shaharun	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

September 1996

Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Datuk Nik Abdul Aziz Mohamed Kamil	Member
Mohamed Zohari Mohamed Shaharun	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

March 1997

Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Ibrahim Hassan	Member
Mohamed Zohari Mohamed Shaharun	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

October 1997

Tan Sri Dato Mohd Hassan Marican	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Dato' Hamzah Bakar	Member
Ibrahim Hassan	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

August 1998

Tan Sri Datuk Seri Azizan Zainul Abidin	Chairman
Tan Sri Dato Mohd Hassan Marican	Member
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Dato' Hamzah Bakar	Member
Ibrahim Hassan	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Dr Rosti Saruwono	Member (CEO)
Abdul Aziz Abd Kadir	Company Secretary

January 1999

Tan Sri Datuk Seri Azizan Zainul Abidin	Chairman
Tan Sri Dato Mohd Hassan Marican	Member
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Dato' Hamzah Bakar	Member
Ibrahim Hassan	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Dr Rosti Saruwono	Member (CEO)
Zainalabidin Ismail	Company Secretary

October 1999

Tan Sri Datuk Seri Azizan Zainul Abidin	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Dato' Hamzah Bakar	Member
Abdul Rahim Hashim	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Dr Rosti Saruwono	Member (CEO)
Zainalabidin Ismail	Company Secretary

June 2000

Tan Sri Datuk Seri Azizan Zainul Abidin	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Ishak Imam Abas	Member
Abdul Rahim Hashim	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Dr Rosti Saruwono	Member (CEO)
Zainalabidin Ismail	Company Secretary

February 2001

Tan Sri Datuk Seri Azizan Zainul Abidin	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Datuk Ishak Imam Abas	Member
Abdul Rahim Hashim	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Mariam @ Rahimah Mukhtar	Member
Dr Rosti Saruwono	Member (CEO)
Zainalabidin Ismail	Company Secretary

October 2002

Tan Sri Datuk Seri Azizan Zainul Abidin	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Datuk Ishak Imam Abas	Member
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Mariam @ Rahimah Mukhtar	Member
Ainon Marziah Wahi	Member
Dr Rosti Saruwono	Member (CEO)
Zainalabidin Ismail	Company Secretary

July 2004

Tan Sri Dato' Mohamad Noordin Hassan	Member
Datuk Ishak Imam Abas	Member
Dr Rosti Saruwono	Member (CEO)
Mohamed Zohari Mohamed Shaharun	Member
Mohammed Azhar Osman Khairuddin	Member
Mariam @ Rahimah Mukhtar	Member
Ainon Marziah Wahi	Member
Zainalabidin Ismail	Company Secretary

March 2005

Ainon Marziah Wahi	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Datuk Ishak Imam Abas	Member
Dr Rosti Saruwono	Member
Mohamed Zohari Mohamed Shaharun	Member
Mariam @ Rahimah Mukhtar	Member
Dr Zainal Abidin Haji Kasim	Member (Rector/CEO)
Zainalabidin Ismail	Company Secretary

August 2005

Datuk Ainon Marziah Wahi	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Datuk Ishak Imam Abas	Member
Dr Rosti Saruwono	Member
Dr Zainal Abidin Haji Kasim	Member (Rector/CEO)
Nusral Danir	Member
Samsudin Miskon	Member
Datuk Anuar Ahmad	Member
Zainalabidin Ismail	Company Secretary

April 2006

Datuk Ainon Marziah Wahi	Chairman
Tan Sri Dato' Mohamad Noordin Hassan	Member
Dr Rosti Saruwono	Member
Dr Zainal Abidin Haji Kasim	Member (Rector/CEO)
Nusral Danir	Member
Samsudin Miskon	Member
Datuk Anuar Ahmad	Member
Zainalabidin Ismail	Company Secretary

Management Committee 2007

1. **Datuk Dr Zainal Abidin Haji Kasim**
   Rector/CEO
2. **Muhamad Jurimi**
   Director, Management Services and Student Affairs
3. **Hasbullah Haji Ihsan**
   Director, Finance and Fund Management
4. **Associate Professor Dr Mohamed Ibrahim Abdul Mutalib**
   Director, Research Enterprise Office
5. **Associate Professor Ir Dr Ibrahim Kamaruddin**
   Director, Postgraduate Studies
6. **Associate Professor Dr Hilmi Mukhtar**
   Director, Undergraduate Studies
7. **Solihuddin Ahmad Nasarudin**
   Registrar
8. **Zamri Yusof**
   Senior Manager, Human Resource Management and Administration
9. **Mohammad Zahir Dato' Abdul Khalid**
   Manager, Corporate Services
10. **Mohd Azlan Ghazali**
    Manager, Corporate Planning and Financial Management/Secretary

Management Committee Members 1996 to 2006

Datuk Dr Rosti Saruwono
(Chairman, 1996 to 2004)

Datuk Dr
Zainal Abidin Haji Kasim
(Chairman, 2004 to date)

1996

Dr Rosti Saruwono – MD/CEO (Chairman)
Dr Adilah Abd Hamid – Academic Head
Muhamad Jurimi – Registrar
Khalidah Khalid Ali – Head of Finance & Admin (Secretary)
Mohd Azminuddin Afandi – Head, Student Affairs & Academic Administration

1997

Dr Rosti Saruwono – MD/CEO (Chairman)
Dr Adilah Abd Hamid – Academic Head
Muhamad Jurimi – Registrar
Khalidah Khalid Ali – Head of Finance & Admin (Secretary)
Mohd Azminuddin Afandi – Head, Student Affairs & Academic Administration
Ir Dr Ahmad Fadzil Mohd Hani – Dean, Engineering
Dr Nasiman Sapari – Dean, Earth Science & Fundamental Studies

Note: In May 1997, Dr Nasiman's position was changed to Dean, Science & Fundamental Studies

1998

Dr Rosti Saruwono – MD/CEO (Chairman)
Dr Adilah Abd Hamid – Academic Head
Muhamad Jurimi – Registrar
Mohd Azminuddin Afandi – Head, Student Affairs & Academic Administration (Secretary)
Ir Dr Ahmad Fadzil Mohd Hani – Dean, Engineering
Dr Nasiman Sapari – Dean, Applied Science & Fundamental Studies
Hasbullah Hj Ihsan – Senior Finance Executive

In the same year, several changes took place:
Ir Dr Ahmad Fadzil Mohd Hani – Academic Head
Dr Nasiman Sapari – Head Research, Development & Consultancy
Dr Adilah Abdul Hamid – Senior Manager, Academic Programme (Project Team)
Emy Hadida M Noor – (Secretary)

1999

Dr Rosti Saruwono – Rector & MD/CEO (Chairman)
Dr Adilah Abd Hamid – Senior Manager, Academic Programme (Project Team)
Muhamad Jurimi – Registrar/Director, Management & Support Services
Mohd Azminuddin Afandi – Head, Student Affairs & Academic Administration
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Dr Nasiman Sapari – Acting Director, R & D Consultancy
Hasbullah Hj Ihsan – Acting Director, Finance & Fund Management
Mohd Zazali Salim – Senior Manager (Facilities) – Project Team
Emy Hadida M Noor – (Secretary)

2000

Dr Rosti Saruwono – Rector & MD/CEO (Chairman)
Dr Adilah Abd Hamid – Senior Manager, Academic Programme (Project Team)
Muhamad Jurimi – Registrar/Director, Management & Support Services
Mohd Azminuddin Afandi – Manager, HRM & CRPA (Secretary)
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Hasbullah Hj Ihsan – Acting Director, Finance & Fund Management
Dr Mohamed Ibrahim Abdul Mutalib – Director, Research, Development & Consultancy

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2001

Dr Rosti Saruwono – Rector & MD/CEO (Chairman)
Muhamad Jurimi – Registrar/Director, Management & Support Services
Mohd Azminuddin Afandi – Manager, HRM & CRPA (Secretary)
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Hasbullah Hj Ihsan – Director, Finance & Fund Management
Dr Mohamed Ibrahim Abdul Mutalib – Director, Research, Development & Consultancy
Mohammad Zahir Dato Abdul Khalid – Manager, Corporate Planning & Business Development

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2002

Dr Rosti Saruwono – Rector & MD/CEO (Chairman)
Muhamad Jurimi – Registrar/Director, Management & Support Services
Mohd Azminuddin Afandi – Manager, HRM & CRPA (Secretary)
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Hasbullah Hj Ihsan – Director, Finance & Fund Management
Mohamed Ibrahim Abdul Mutalib – Director, Research, Development & Consultancy
Ir Dr Ibrahim Kamaruddin – Programme Head, Civil Engineering
Mohammad Zahir Dato Abdul Khalid – Manager, Corporate Planning & Business Development (Secretary)

2003

Dr Rosti Saruwono – Rector & MD/CEO (Chairman)
Muhamad Jurimi – Registrar/Director, Management & Support Services
Mohd Azminuddin Afandi – Manager, HRM
Associate Professor Ir Dr Ahmad Fadzil Mohd Hani – Director, Postgraduate Studies
Hasbullah Hj Ihsan – Director, Finance & Fund Management
Associate Professor Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Associate Professor Ir Dr Ibrahim Kamaruddin – Director, Undergraduate Studies
Mohammad Zahir Dato Abdul Khalid – Manager, Corporate Services (Secretary)

2004

Dr Rosti Saruwono – Rector & MD/CEO (Chairman)
Muhamad Jurimi – Registrar/Director, Management & Support Services
Mohd Azminuddin Afandi – Manager, HRM
Associate Professor Ir Dr Ahmad Fadzil Mohd Hani – Director, Postgraduate Studies
Hasbullah Hj Ihsan – Director, Finance & Fund Management
Associate Professor Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Associate Professor Ir Dr Ibrahim Kamaruddin – Director, Undergraduate Studies
Mohammad Zahir Dato Abdul Khalid – Manager, Corporate Services (Secretary)

2005

Dr Zainalabidin Haji Kasim – Rector & MD/CEO (Chairman)
Muhamad Jurimi – Director, Management & Support Services
Mohd Azminuddin Afandi – Senior Manager, HRM
Associate Professor Ir Dr Ahmad Fadzil Mohd Hani – Director, Postgraduate Studies
Hasbullah Hj Ihsan – Director, Finance & Fund Management
Associate Professor Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Associate Professor Ir Dr Ibrahim Kamaruddin – Director, Undergraduate Studies
Mohammad Zahir Dato Abdul Khalid – Manager, Corporate Services
Solihuddin Ahmad Nasarudin – Registrar
Mohd Azlan Ghazali – Manager, Corporate Planning & Financial Management (Secretary)

2006

Datuk Dr Zainal Abidin Haji Kasim – Rector & MD/CEO (Chairman)
Muhamad Jurimi – Director, Management & Support Services
Mohd Azminuddin Afandi – Senior Manager, HRM
Associate Professor Ir Dr Ibrahim Kamaruddin – Director, Postgraduate Studies
Hasbullah Hj Ihsan – Director, Finance & Fund Management
Associate Professor Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Associate Professor Dr Hilmi Mukhtar – Director, Undergraduate Studies
Mohammad Zahir Dato Abdul Khalid – Manager, Corporate Services
Solihuddin Ahmad Nasarudin – Registrar
Mohd Azlan Ghazali – Manager, Corporate Planning & Financial Management (Secretary)

Senate 2007

1. **Datuk Dr Zainal Abidin Haji Kasim**
   Rector/CEO
2. **Muhamad Jurimi**
   Director, Management Services and Student Affairs
3. **Associate Professor Dr Mohamed Ibrahim Abdul Mutalib**
   Director, Research Enterprise Office
4. **Associate Professor Ir Dr Ibrahim Kamaruddin**
   Director, Postgraduate Studies
5. **Associate Professor Dr Hilmi Mukhtar**
   Director, Undergraduate Studies
6. **Associate Professor Dr Mohd Noh Karsiti**
   Head, Electrical and Electronics Engineering Department
7. **Mohamed Noor Rosli Baharom**
   Head, Management and Humanities Studies
8. **Associate Professor Ir Dr Muhd Fadhil Nuruddin**
   Head, Civil Engineering Department

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9. **Dr Ahmad Kamil Mahmood**
   Head, Information and Communication Technology/Business Information Systems

10. **Associate Professor Dr Zainal Ambri Abdul Karim**
    Head, Industrial Internship Programme

11. **Associate Professor Ir Dr Kamarul Ariffin Amminudin**
    Head, Chemical Engineering Department

12. **Associate Professor Dr Othman Mamat**
    Head, Mechanical Engineering Department

13. **Dr Balbir Singh A/L Mahinder Singh**
    Head, Foundation Programme

14. **Associate Professor Ir Abdul Aziz Omar**
    Head, Geoscience and Petroleum Engineering Department

15. **Professor Ir Dr Ahmad Fadzil Mohamad Hani**
    Member

16. **Associate Professor Dr Abas Mohd Said**
    Member

17. **Associate Professor Dr Madzlan Napiah**
    Member

18. **Associate Professor Dr Fakhruldin Mohd Hashim**
    Member

19. **Associate Professor Dr Noor Asmawati Mohd Zabidi**
    Member

20. **Solihuddin Ahmad Nasarudin**
    Registrar/Secretary

Senate Members 1999 to 2006

Datuk Dr Rosti Saruwono
(Chairman, 1996 to 2004)

Datuk Dr
Zainal Abidin Haji Kasim
(Chairman, 2004 to date)

1999

Dr Rosti Saruwono – Rector/Chairman
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Dr Nasiman Sapari – Acting Director, Research & Development
Dr Mohamed Ibrahim Abdul Mutalib – Programme Head, Chemical Engineering
Dr Mohammed Halib – Programme Head, General Studies
Dr Abas Md Said – Programme Head, Information Technology & Information Systems
Dr Abdul Rashid Abdul Aziz – Programme Head, Mechanical Engineering
Nordin Saad – Programme Head, Electrical & Electronics Engineering
Dr Azmi Mohd Shariff – Programme Head, Industrial Internship Programme
Muhamad Jurimi – Director, Management & Support Services/Secretary
Zulkarnain Ahmad – Academic Administration Officer/Deputy Secretary

2000 and 2001

Dr Rosti Saruwono – Rector/Chairman
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Dr Azmi Mohd Shariff – Programme Head, Chemical Engineering
Dr Mohammed Halib – Programme Head, Postgraduate
Dr Abas Md Said – Programme Head, Information Technology & Information Systems
Dr Abdul Rashid Abdul Aziz – Programme Head, Mechanical Engineering
Dr Mohd Noh Karsiti – Programme Head, Electrical & Electronics Engineering
Ir Dr Ibrahim Kamaruddin – Programme Head, Civil Engineering
Azrai Abdullah – Programme Head, General Studies
Dr Ismail Che Mat Zin – Programme Head, Industrial Internship Programme
Muhamad Jurimi – Director, Management & Support Services/Registrar/ Secretary
Solihuddin Ahmad Nasarudin – Manager, Academic Central Services/ Deputy Secretary

2002

Dr Rosti Saruwono – Rector/Chairman
Ir Dr Ahmad Fadzil Mohd Hani – Director, Academic Studies
Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Dr Azmi Mohd Shariff – Programme Head, Chemical Engineering
Dr Mohammed Halib – Programme Head, Postgraduate
Dr Abas Md Said – Programme Head, Information Technology & Information Systems
– replaced by Halabi Hasbullah in September 2002
Dr Abdul Rashid Abdul Aziz – Programme Head, Mechanical Engineering
Dr Mohd Noh Karsiti – Programme Head, Electrical & Electronics Engineering
Ir Dr Ibrahim Kamaruddin – Programme Head, Civil Engineering
Hasbullah Wahab – Programme Head, General Studies
Dr Ismail Che Mat Zin – Programme Head, Industrial Internship Programme
Muhamad Jurimi – Director, Management & Support Services/Registrar/Secretary
Solihuddin Ahmad Nasarudin – Manager, Academic Central Services/Deputy Secretary

2003

Dr Rosti Saruwono – Rector/Chairman
Assoc Prof Ir Dr Ahmad Fadzil Mohd Hani – Director, Postgraduate Studies
Assoc Prof Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Assoc Prof Ir Dr Ibrahim Kamaruddin – Director, Undergraduate Studies
Dr Azmi Mohd Shariff – Programme Head, Chemical Engineering
Halabi Hasbullah – Programme Head, Information Technology &
Information Systems *– replaced by Dr Abas Md Said in July 2003*
Assoc Prof Dr Fakhruldin Mohd Hashim – Programme Head, Mechanical Engineering
Assoc Prof Dr Mohd Noh Karsiti – Programme Head, Electrical & Electronics Engineering
Assoc Prof Dr Madzlan Napiah – Programme Head, Civil Engineering
Dr Noorasmawati Md Zabidi – Programme Head, Foundation Studies
Hasbullah Wahab – Programme Head, General Studies
Assoc Prof Dr Ismail Che Mat Zin – Programme Head, Industrial Internship Programme
Muhamad Jurimi – Director, Management & Support Services/Registrar/Secretary
Solihuddin Ahmad Nasarudin – Manager, Academic Central Services/Deputy Secretary

2004

Dr Rosti Saruwono – Rector/Chairman
Assoc Prof Ir Dr Ahmad Fadzil Mohd Hani – Director, Postgraduate Studies
Assoc Prof Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Assoc Prof Ir Dr Ibrahim Kamaruddin – Director, Undergraduate Studies
Dr Hilmi Mukhtar – Programme Head, Chemical Engineering
Dr Abas Md Said – Programme Head, Information Technology & Information Systems
Assoc Prof Dr Fakhruldin Mohd Hashim – Programme Head, Mechanical Engineering
Assoc Prof Dr Mohd Noh Karsiti – Programme Head, Electrical & Electronics Engineering
Assoc Prof Dr Madzlan Napiah – Programme Head, Civil Engineering
Dr Noorasmawati Md Zabidi – Programme Head, Foundation Studies
Hasbullah Wahab – Programme Head, General Studies
– replaced by Mohamed Noor Rosli Baharum in September 2004
Assoc Prof Ir Dr Mohd Fadhil Nurudin – Programme Head, Industrial Internship Programme
Muhamad Jurimi – Director, Management & Support Services/Registrar/Secretary
Solihuddin Ahmad Nasarudin – Manager, Academic Central Services/ Deputy Secretary

2005

Dr Zainal Abidin Hj Kasim – Rector/Chairman
Assoc Prof Ir Dr Ahmad Fadzil Mohd Hani – Director, Postgraduate Studies
Assoc Prof Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Assoc Prof Ir Dr Ibrahim Kamaruddin – Director, Undergraduate Studies
Muhamad Jurimi – Director, Management Services & Student Affairs
Dr Hilmi Mukhtar – Programme Head, Chemical Engineering
Dr Abas Md Said – Programme Head, Information and Communication Technology/ Business Information Systems
Assoc Prof Dr Fakhruldin Mohd Hashim – Programme Head, Mechanical Engineering
Assoc Prof Dr Mohd Noh Karsiti – Programme Head, Electrical & Electronics Engineering
Assoc Prof Dr Madzlan Napiah – Programme Head, Civil Engineering
Dr Noorasmawati M Zabidi – Programme Head, Foundation Studies
Mohamed Noor Rosli Baharom – Programme Head, General Studies
Assoc Prof Ir Dr Mohd Fadhil Nurudin – Programme Head, Industrial Internship Programme
Solihuddin Ahmad Nasarudin – Registrar/Secretary

2006

Dr Zainal Abidin Hj Kasim – Rector/Chairman
Assoc Prof Dr Ibrahim Kamaruddin – Director, Postgraduate Studies
Assoc Prof Dr Mohamed Ibrahim Abdul Mutalib – Director, Research Enterprise Office
Assoc Prof Dr Hilmi Mukhtar – Director, Undergraduate Studies
Muhamad Jurimi – Director, Management Services & Student Affairs
Assoc Prof Ir Dr Kamarul Ariffin Amminudin – Programme Head, Chemical Engineering
Dr Ahmad Kamil Mahmood – Programme Head, Information and Communication Technology/Business Information Systems
Assoc Prof Dr Fakhruldin Mohd Hashim – Programme Head, Mechanical Engineering
Assoc Prof Dr Mohd Noh Karsiti – Programme Head, Electrical & Electronics Engineering
Assoc Prof Dr Ir Dr Muhd Fadhil Nurudin – Programme Head, Civil Engineering
Assoc Prof Dr D M Anwar Raja D MD Ibrahim – Programme Head, Geoscience and Petroleum Engineering
Assoc Prof Dr Noorasmawati M Zabidi – Programme Head, Foundation Programme
Mohamed Noor Rosli Baharom – Programme Head, Management & Humanities
Assoc Prof Ir Dr Mohd Fadhil Nurudin – Programme Head, Industrial Internship Programme

Members
Professor Ir Dr Ahmad Fadzil Mohamad Hani
Assoc Prof Dr Abas Md Said
Assoc Prof Dr Madzlan Napiah
Solihuddin Ahmad Nasarudin – Registrar/Secretary

Academic Advisory Council

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

Chairman

Tun Dr Mahathir bin Mohamad
Advisor of PETRONAS and Chancellor of UTP

Members

Professor Otto CC Lin
Senior Advisor to the President
The Hong Kong University of Science and Technology

Professor Lin is CEO of China Nansha Technology Enterprises, Ltd, Executive Vice Chairman, Nansha IT Park (Guangzhou), and Senior Advisor to the President, Hong Kong University of Science and Technology. Professor Lin received his BS degree from national Taiwan University, MA and PhD from Columbia University and also completed AMP from Harvard University Business School.

Professor Sung-Kee Chung
Professor & Former President
Pohang University of Science and Technology

Professor Sung Kee Chung has more than 35 years experience in academia and research. He is renowned for his work in bio-chemistry and medicine. Professor Sung holds a bachelor's degree from Yonsei University, Seoul and PhD from University of Illinois, USA and Postdoctoral from Yale University, USA.

Dr Raghunath Anant Mashelkar
CSIR Bhatnagar Fellow
National Chemical Laboratory

Dr. Raghunath Anant Mashelkar, is a Bhatnagar Fellow at National Chemical Laboratory; President of Indian National Science Academy and President of Global Research Alliance. He has held many important positions in various capacities at prestigious academies and scientific bodies, in India and abroad. His exceptional leadership has transformed CSIR, the world's largest chain of national laboratories engaged in industrial R&D. In post-liberalised India, Dr Raghunath has been the dominant force in shaping the direction of S&T in India.

Dr Øystein Berg
Managing Director
International Programme For Petroleum Management and Administration (Petrad)

Dr Øystein Berg is Managing Director of Petrad. He has a BSc in Civil Engineering from Queens University of Belfast, Northern Ireland. Dr Berg was famously associated with the Petrad Programme in which he helped in the development. The Petrad Programme has become internationally known for its 8-week courses in Stavanger, Norway, and its tailor made seminars and workshops arranged in Africa, Asia, Latin America and the former Soviet Union. Dr Berg has managed a total of twenty eight 8-week courses and 250 seminars and workshops within the Petrad Programme so far.

Professor Dr Abdullah Sadiq
Former Rector
Ghulam Institute of Engineering Sciences and Technology

Dr Abdullah Sadiq had his early education from Physics Department University of Peshawar and got his PhD in 1971 from the University of Illinois at Urbana- Champaign, USA. As a physicist, Dr Abdullah Sadiq has published widely in some of the most prestigious reputed international professional journals in the area of Modeling and Simulation. Dr Abdullah Sadiq was awarded the coveted Alexander von Humboldt Fellowship of Germany and the Gold Medal and Bogoliubov Prize of the Abdus Salam International Center for Theoretical Physics, Trieste, Italy.

Professor Klaus P Riedle
President of Fossil Power Generation, Products
Siemens Power Generation (PG)

Professor Riedle completed his Mechanical Engineering program at Technical University Munich with Dipl.-Ing in 1964. In 1969 he completed his PhD from Institute of Thermodynamics in Munich. He joined the Nuclear Division of Siemens AG, which became later Kraftwerk Union (KWU), holding varying positions in nuclear safety analysis and thermohydraulic experimental work, and responsible for the mechanical systems of the secondary side of a light water reactor and later for all the nuclear laboratories of KWU and for some years for the technology group for the primary system.

Tan Sri Datuk Dr Ahmad Tajuddin bin Ali
Chairman
UEM Group Berhad

Tan Sri graduated from King's College, University of London in 1973 with B.Sc (Eng) Honours, Mechanical Engineering (First Class). In 1977 he earned his PhD in Nuclear Engineering from Queen Mary College, University of London. He attended the Advanced Management Program of Harvard Business School in 1994. Tan Sri is synonymous for his contributions in many conglomerates namely as Director-General of Standards and Industrial Research Institute of Malaysia (SIRIM) (1989 – 1996); as Chairman/ Chief Executive of Tenaga Malaysia Berhad (1996 – 2000) and as the President of Malaysia University of Science and Technology (MUST) (2000 – 2004).

Academician Tan Sri Emeritus Professor Datuk Dr Augustine S H Ong
President
Malaysian Invention & Design Society (MINDS)

Academician Tan Sri Datuk Dr Ong Soon Hock is a graduate of University of Malaya (BSc Hons First Class, M.Sc.) and University of London King's College (PhD in Organic Chemistry). He has been active in Research and Development for more than 45 years since 1959 and this experience includes the Chemistry and Technology of Palm Oil in which he had more than 25 years' involvement since 1974. He has 14 patents in the technology of palm oil to his credit and published more than 380 articles.

Datuk Dr Rosti Saruwono
Vice President Education
PETRONAS

Datuk Dr Rosti Saruwono received his BE (Mechanical Engineering) from the University of Queensland, Australia in 1973. He then started his career with the Ministry of Labour and Manpower as the Principal of the Industrial Training Institute, Kuala Lumpur from 1974 to 1980. In 1980 he began his career at PETRONAS. From 1990 to 1993, Datuk Dr Rosti did his PhD in Business Studies at The Henley Management College where he was also a Research Associate. Upon the completion of his PhD, he was appointed as MD/CEO of PETRONAS Management Training Sdn Bhd (PERMATA). Subsequently in 1995 he was appointed as the MD/CEO of ITPSB to spearhead the establishment of Universiti Teknologi PETRONAS. He is now the Vice President, Education-PETRONAS.

Datuk Dr Zainal Abidin Haji Kasim
Rector/MD/CEO
Universiti Teknologi PETRONAS

Datuk Dr. Zainal Abidin Haji Kasim graduated with of B.Sc. in Chemistry/Polymer Science from Loughborough University of Technology, UK in 1976. He later continued with his M.Sc. in Petrochemical/Hydrocarbon Chemistry from UMIST, UK in 1980 under the PETRONAS sponsorship. Datuk Dr. Zainal has been with PETRONAS since September 1976. Throughout his career in PETRONAS, he was fully involved in the development of PRSS and was the leader of the PETRONAS Technology Advisory Committee that approves and monitors research work within PETRONAS. In the year 2005 Datuk Dr Zainal took the helm of UTP as the Rector.

Chairman (2003 to 2004)

Tan Sri Dato' Seri
Azizan Zainul Abidin
Chairman of PETRONAS and ITPSB

Past Members

Professor Gregory C Farrington
President, Lehigh University, USA

Professor Sung-Kee Chung
Professor and former President
of Pohang University, Korea

Professor Otto CC Lin
Vice President, R&D Hong Kong
University of Science and Technology

Professor Dr Armin Seiler
Chair of Business Management,
Swiss Federal Institute of Technology,
Zurich

Professor Gordon Moore
Head, Department of Chemical
and Petroleum Engineering,
University of Calgary, Canada

Tan Sri Datuk Dr Ahmad Tajuddin Ali
Chairman, Gas Malaysia Berhad

Tan Sri Datuk Ahmad Zaharuddin Alias
Science Advisor to Prime Minister of
Malaysia

Datuk Dr Rosti Saruwono
Vice President, Education Division,
PETRONAS

Datuk Dr Zainal Abidin Haji Kasim
Rector/CEO, UTP

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, International Examiners Conference 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 Examiners Conference provides invaluable input that will contribute towards the realisation of the University's vision and mission in making it a leader in engineering and technology education.

Electrical & Electronics Engineering

Professor Bernard Lawson Weiss
1999 to 2002
Deputy Head of School
School of Electrical and Electronics,
Info Tech and Mathematics
University of Surrey, UK

Professor David James Murray-Smith
2002 to 2005
Dean of Faculty of Engineering
Department of Electronics and Electrical Engineering
University of Glasgow, UK

Chemical Engineering

Professor R Gordon Moore
1999 to 2002
Professor and Head of Department
Chemical and Petroleum Engineering
University of Calgary, Canada

Professor Colin D Grant
2002 to 2005
Head of Department
Department of Chemical and Process Engineering
University of Strathclyde, UK

Mechanical Engineering

Professor Simon M Fraser
1999 to 2002
Weir Professor
Thermodynamics and Heat Transfer
University of Strathclyde, UK

Professor Desmond E Winterbone
2002 to 2003
Head, Department of Mechanical Engineering
University of Manchester, UK

Professor Halim Gurgenci
2003 to 2006
Head of Mechanical Engineering
The University of Queensland, Australia

Civil Engineering

Professor Graham L Huthinson
2001 to 2004
Head, Department of Civil and Environment Engineering
University of Melbourne, Australia

Information Technology/ Information Systems

Professor Robert Geofrey Dromey
1999 to 2002
Director of Software Quality Institute
Griffith University, Australia

Information Technology

Professor Kuniaki Uehara
2002 to 2004
Professor
Research Centre for Urban Safety and Security (RCUSS) and Development of Computer and Systems Engineering
Kobe University, Japan

Professor Jurg Nievergelt
2005 to 2007
Professor Of Computer Science
Swiss Institute of Technology,
ETH Zentrum Switzerland

Information Systems

Professor Albert Travor Wood-Harper
2000 to 2003
Head, Department of Computation
University of Manchester, UK

General Studies

Professor Victor Terrence King
2002 to 2004
Pro Vice Chancellor
University of Hull, UK

Industry Advisory Panel

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

Chemical Engineering

Ahmad Hamizan Hasan
CEO, MTBE/Polypropylene Malaysia Sdn Bhd

Kamaruddin Zakaria
VP, Petrochemical Business, PETRONAS

Prakash Kumar Karunakaran
Engineer Principal, Process Control,
PETRONAS Penapisan Melaka Sdn Bhd

Civil Engineering

Ir Dr Haji Affendi Abdullah
Deputy Discipline Director (Geotechnical),
Ranhill Bersekutu Sdn Bhd

Ir Dr Shakor Ramat A Badaruddi
Managing Director, Elcorp Technology Sdn Bhd

Ir Abdul Kadir Mohd Din
CEO, Pengurusan Aset Air Berhad

Mohd Sapihie Ayob
Principal Researcher (Structural Mechanics),
PETRONAS Group Research, R&T Division

Electrical & Electronics Engineering

Ir Aziz Ismail
CEO, Authentic Venture Sdn Bhd

Dr Peter Lim Boon-Lum
Chief Technology Officer/Chief Operating Officer
OnNet Technology Ltd

Abd Rashid Munir
President and CEO, IC Microsystems Sdn Bhd

Lee Weng Fook
Senior Technical Manager, Emerald Systems Sdn Bhd

Mohamad Naguib Mahfodz
CEO, Gas District Cooling (Holding) Sdn Bhd

Mechanical Engineering

Datuk Kamarulzaman Darus
Director of Manufacturing, Proton Holdings Berhad

Dr Shamsuddin Baharin
General Manager, Proton Holdings Berhad

Hishamudin Ibrahim
Programme Manager, Pusat Tenaga Malaysia

Zamaluddin Ali
Principal Engineer, PETRONAS Group Technology Solution

Computer & Information Science

Tengku Farith Tengku Rithauddeen
President, SKALI

Dr Mazlan Abbas
VP, Integrated Business Solutions
Celcom (Malaysia) Bhd

Dr Ooi Chee Keong
Chief Information Officer
World Wide Grape City Inc, Japan

Abdul Jalil Maraicar PM Jahabar
Head, Knowledge Management
Petroleum Nasional Berhad (PETRONAS)

Management & Humanities

Dato' Seri (Dr) Haji Harussani Haji Zakaria
Mufti Kerajaan Negeri Perak Darul Ridzuan
Jabatan Mufti Negeri Perak

Dato' Nordin Baharuddin
Chairman, KUB Malaysia Berhad

Dr Alistair King
Head, Alistair King Sdn Bhd

Mohamed Yusof Ahmad Muhaiyuddin
General Manager, Group Human Resources
Malaysia Airlines Berhad

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PETRON

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