



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

UNIVERSITI TEKNOLOGI MALAYSIA **PROFILE**

innovative • entrepreneurial • global

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Welcome to Universiti Teknologi Malaysia

UTM Johor Bahru
(1,144 Hectares)



"Tropical Campus"

UTM Kuala Lumpur
(35 Hectares)

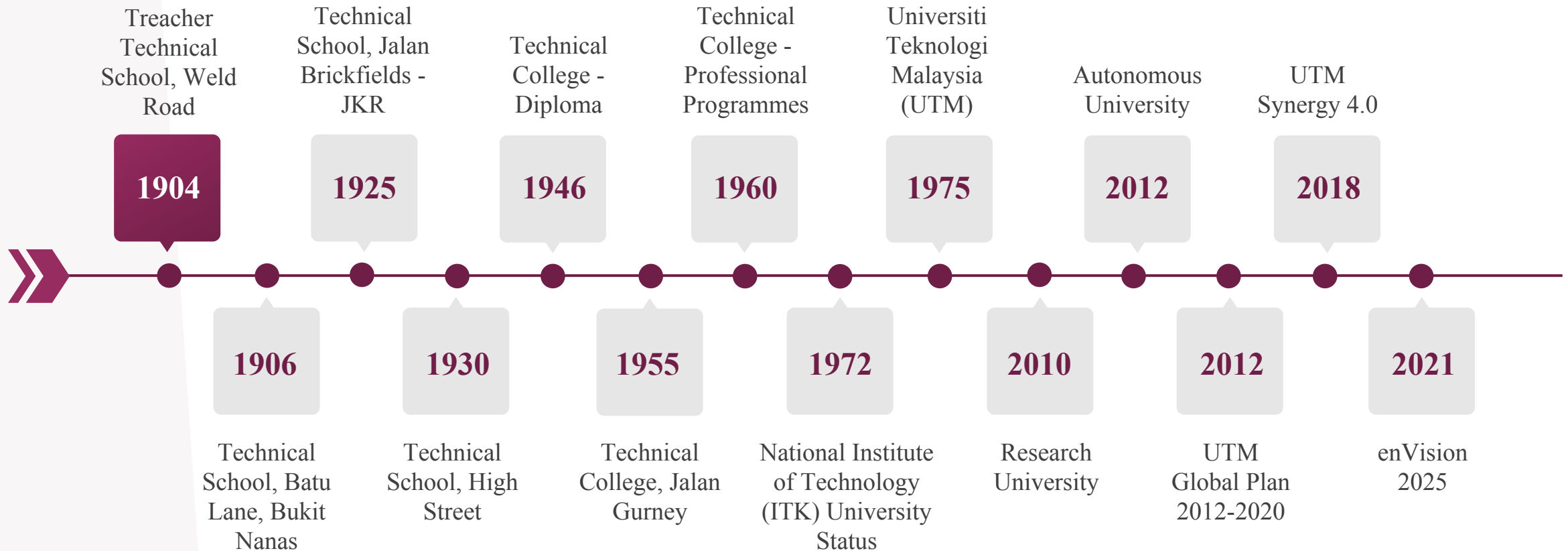


UTM Pagoh
(50 Hectares)



"Agri Campus"

UTM Journey *From Technical School to Research University*



UTM Vision, Mission, Core Values and Focus

Vision

**A Premier University
Providing World-Class
Education and Research**

Mission

**To Develop Holistic Talents and
Prosper Lives Through
Knowledge and Innovative
Technologies**

Core Values

• Integrity • Synergy • Excellence • Sustainability

Focus

Core
Business

- Education
- Research

Impact

- Quality Graduates, Gainfully Employed
- Innovative Technologies
- Prospering Lives

**”KERANA TUHAN UNTUK MANUSIA”
In the Name of God for Mankind**

UTM in Numbers

Enrolment (MyMOHES)

25,486	Undergraduate & Postgraduate Students
4,422	Master Students
4,974	PhD Students
5,257	International Students

Staff

4,858	All Staff
1,628	Academician
1,444	Academician with PhD
3,230	Professional and Support Staff

Alumni

193,345	Alumni
8,590	International Alumni
98	Countries
91.54%	Graduate Employability

Campus Experience

18,587	Outbound Mobility Students (since 2009)	3,273	Students Involved in Job on Campus Programme (since 2016)
14,843	Inbound Mobility Students (since 2009)	17,080	Students Involved in Service-Learning Programme
14,000	Students involved in Entrepreneurship Activities	312	Students involved in 5 Excellence Track Programme (since 2011)

**Data as of Dec 2021*

Our Worldwide Recognitions

2020/21

UTM Global Rankings



- ▶ No #1 in Malaysia
 - Architecture/ Built Environment
 - Engineering-Civil & Structure
- ▶ 5 Subjects Ranked 51-100
 - Architecture / Built Environment
 - Engineering- Civil & Structural
 - Engineering- Chemical
- ▶ Top 50 in Engineering-Petroleum Subject
 - Engineering- Electrical and Electronics
 - Engineering- Mineral & Mining



- Education | Ranked 101 – 125
- Business & Economics | Ranked 126 – 150
- Arts & Humanities | Ranked 201 – 250



UTM is ranked 101-200 in the overall 2020 THE University Impact Rankings for Sustainable Development Goals (SDGs)



9	#1 in Malaysia Industry Innovation & Infrastructure	66 out of 680
4	Quality Education	101-200 out of 966
11	Sustainable Cities and Communities	101-200 out of 656
16	Peace, Justice & Strong Institution	101-200 out of 653
17	Partnerships for The Goals	101-200 out of 1154

Our Global Presence

through Partnerships


794

Industry & Institute Partnerships

405

MoA

493

MoU

169

LoC & Others

76

Countries

30

Africa

767

Asia

31

Middle East

17

North America

5

South America

187

Europe

30

Oceania & New Zealand

**Data as of 2016 – 2021*



Industry Linkages

> 2,000



International Higher Education Institution Partners



Education that Transforms

UTM is committed to provide the best academic, research and outreach programmes to enhance lives and prepare students to meet challenges and embrace opportunities



UTM embracing the new normal with e-learning

Our Faculties

1

Faculty of Engineering

- Chemical and Energy Engineering
- Electrical Engineering
- Civil Engineering
- Mechanical Engineering
- Biomedical Engineering and Health Sciences
- Computing

2

Faculty of Sciences

- Physics
- Chemistry
- Mathematical Sciences
- Biosciences

3

Azman Hashim International Business School

- Business Administration
- Accounting and Finance
- Information System

4

Faculty of Built Environment and Surveying

- Geoinformation
- Real Estate
- Quantity Surveying
- Architecture
- Landscape Architecture
- Urban and Regional Planning

5

Faculty of Social Sciences and Humanities

- Education
- Human Resource Development and Psychology
- Islamic Civilisation
- Language
- Islam, Science and Civilisation

6

Razak Faculty of Technology and Informatics

- Engineering and Technology
- Science, Management and Design
- Advanced Informatics
- Policy Studies

7

Malaysia-Japan International Institute of Technology (MJIT)

- Mechanical Precision Engineering
- Electronic System Engineering
- Software Engineering
- Chemical and Environmental Engineering
- Management of Technology

91.54%
 Graduate
 Employability

Industry
 Centre of
 Excellence

Adjunct
 Lecturers

Scholarship
 Award

Entrepreneurship Program

Industry
 University CSR
 Programme

Practical
 Training

Professional
 Exam
 Programme

Bridging the
 Gap
 Programme

Talks,
 Coaching,
 Mentoring

Industry Led
 Curriculum

Structured
 Internship

Our Curriculum, *Your Talent*

In UTM, our courses and training programmes have been designed to suit the ever-changing landscape and needs of the industry.

We offer accredited courses and a blended team of academics and practitioners from the local and international sector as our trainers .



Our programmes are designed by understanding the viewpoint of employers and industry through global and local lenses. We understand the need to offer programmes that fit into ones' career development.

Lifelong Learning *for ALL*



Part-Time Diploma & Bachelor
Degree Programmes

utmspace.edu.my



MSc , PhD, Eng.D, MBA, DBA Part
Time & Full Time Programmes

sps.utm.my



Professional / Executive Short
Courses

utmspace.edu.my



Engineering Doctorate & Doctorate of
Business Administration

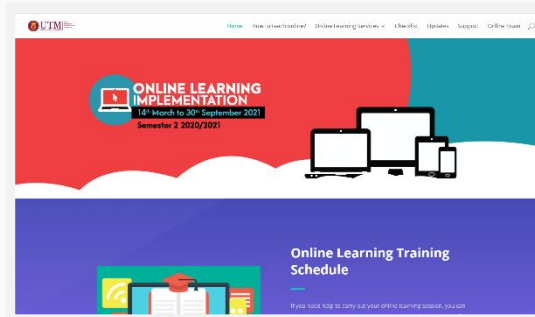
sps.utm.my



Digital Approaches *New Way of Learning*

Online Learning Campaign

3,520 Visitors



olc.utm.my

3 Open Distance Learning Programmes

Partial Accreditation by MQA



odl.utm.my

20 Massive Open Online Courses & 21 Micro-Credentials Courses

15,228 Enrolments



mooc.utm.my

153 Open Coursewares

Free Learning Materials for Public



ocw.utm.my

5 Excellence Track Programme *Developing Distinctive Talents*

5 ETP is UTM's signature programme to holistically develop talent, skills, enthusiasm and creativity amongst students.

Trends of Intake :

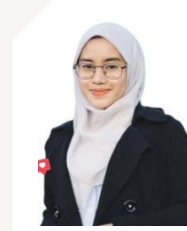
312	: Total of Students involved Since 2011
78	: Global Leadership Track
66	: Technopreneur Track
82	: Sports Excellence Track
49	: Technohafiz Track
37	: Nobel Mind Track



Leadership Global Track

Nurturing dynamic, versatile and balanced level of emotional intelligence (EQ) leaders

Muhammad Syafik Rahmat
Tokoh Siswa Kebangsaan 2018



Technopreneur Track

Nurturing successful, creative and innovative technology entrepreneurs

Siti Jaslin Johari
 Founder of online retail, The Ghrack



Sports Excellence Track

Nurturing athletes who excel in both sports and academics

Pow Mei Foong
 National Netball Player



Technohafiz Track

Nurturing professional scientists and technocrats with strong Islamic characters

Muhammad Dhiauddin Ahmad Termizi
 Participant of National Level Al-Quran Recital and Memorisation 2019



Nobel Mind Track

Nurturing pioneer scientists with the abilities to conduct fundamental science research and scientific writing skills

Luqman Muhammad
 Research Executive of Trans Malaysia Biodiesel Expedition 2016

We Produce *Notable Alumni*

Some of our Alumni

YBhg. Datuk Seri Acryl Sani Abdullah Sani

- Inspector-General of Police (Malaysia)
- Bachelor of Engineering (Civil), 1985



YB Dato' Seri Hamzah Hj. Zainuddin

- Ministry of Home Affairs
- Diploma in Quantity Surveying, 1979



YB Tan Sri Datuk Seri Panglima TPr. Annuar Hj. Musa

- Minister of Communications and Multimedia
- Bachelor of Urban and Regional Planning, 1980



YB Dato' Hj. Saarani Mohamad

- *Menteri Besar Perak Darul Ridzuan*
- Diploma in Science and Education (Physics), 1982



YBrs. TPr. Gs. Dr. Shamsaini Shamsuddin

- Director-General of PLANMalaysia
- PhD of Urban and Regional Planning, 2013



YBhg. Datuk Seri Hj. Mahadi Che Ngah

- The Mayor of Kuala Lumpur
- Bachelor of Urban & Regional Planning, 1983



Ir. Waznah Abdul Aziz

- Director of Transportation Infrastructure Engineering branch, JKR Malaysia
- Master of Science (Construction Management), 2008



YB Dato' Indera Mohd Shahrar Abdullah

- Deputy Minister of Finance I
- Masters in Electrical Electronic and Telecommunication Engineering, 2013



YBhg. Tan Sri Dato' Sri Azam Baki

- Chief Commissioner of Malaysian Anti-Corruption Commission (SPRM)
- Diploma in Electrical Engineering (Power), 1984



YBhg. Dato' Seri Ir. Dr. Zaini bin Ujang

- Secretary General Ministry of Environment and Water
- Bachelor of Engineering (Chemical), 1988



YBhg. Dato' Hj. Mohd Haffiz Hj. Ahmad

- The Mayor of Iskandar Puteri
- Bachelor of Surveying (Property Management), Geoinformation Science and Engineering, 1995



Research and Innovation

UTM as a research university has established a reputation for innovative and cutting-edge research, with a vision to address national and global agendas.



R&I Niche Areas

Expanding the Research Horizon



Frontier Materials

Focusing on filtration system for F&B business, seek to modernize manufacturing industries towards 4IR & developing 3D printing technology using laser deposition.



Resource Sustainability

Stay committed in providing local solutions to water, energy security and climate change, developing affordable technologies for industry & communities, promoting sustainable practices, resource recovery and realisation of liveable and smart cities.



Innovative Engineering

Working towards strengthening & revolutionizing established technology while turning ideas into reality in the field of sustainable and resilient infrastructure, high performance networking and telecommunication & green vehicle.



Health and Wellness

Striving to create a knowledge-based bio-economy platform which leverages the existing bioresources integrated with life sciences, engineering and computer science knowledge for human well-being of the nation.



Smart Digital Community

Focusing on data-driven innovation for autonomous learning experience and effortless living through next generation educational framework & infrastructure, and social-impact-oriented economic platform.



Research Ecosystem *Our Nexus for Innovation Excellence*

Faculties & Schools

Single Discipline Research Groups

7
Faculties

10
Schools

Smart Digital Community

Frontier Materials

- Centre for Artificial Intelligence and Robotics (CAIRO)
- Centre of Advanced Composite Materials (CACM)

- Centre for Engineering Education (CEE)

Health and wellness

- Innovative Centre of Agritechology in Advanced Bioprocess (ICA-PAGOH)
- Institute of Bioproduct Development (IBD)

Resource Sustainability

- UTM-MPRC Institute for Oil and Gas
- Institute of High Voltage and High Current

Innovative Engineering

Research Alliance

Research Groups

151

Centres of Excellence

7

Research Centres

27

Higher Institution Centres of Excellence

3

Research Institutes

6

Research Entity

R&I Modes of Collaboration



Consultancy

Rapid solution for industries.



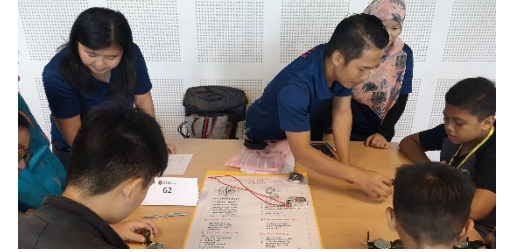
Collaborative Research

- Research Contract
- Joint R&D Funding
- Industry Case Study
- UNIX Programme



Satellite Labs

- Inbound & Outbound
- Shared Facilities



Community Project

Knowledge & Technology Transfer programs that assists targeted community

Industry Satellite Labs *Industry & University as ONE*



Innovation in Research

From Lab to Market and Community

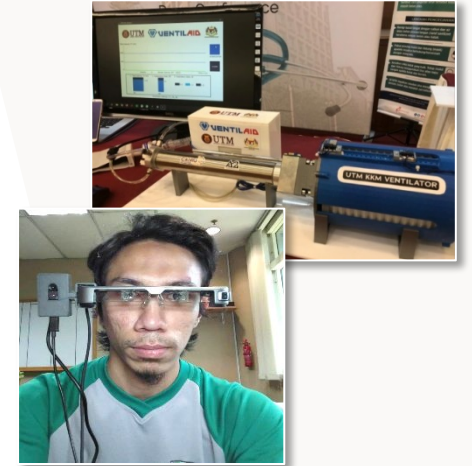


Smart Sensory Room

The first multi-sensory room in Malaysia that operates with an automated monitoring system using Internet of Things (IoT) technology to help autistic children towards more immersive learning experience.

COVID-19 Initiatives

UTM took its own initiative in developing local solution during pandemic outbreak and pushing the limit of innovation by introducing prototype of thermal scanner, ventilator, outbreak prediction, and reusable face mask, among others.



Membrane Water Filtration System

Our blockbuster membrane water treatment system has been serving communities in need during flood disaster in Pekan 2015, Ranau earthquake in 2015, Pantai Senok in 2018 and recently schools in remote areas of East Malaysia.

Bioproducts and Cosmeceuticals

Using state-of-the-art extraction technique and analytical chemistry, our group of researchers have developed a wide range of products backed by proper testing and compliance to take on more established products.



UTM Cares

UTM strives to make everyone feel at home by providing a caring and welcoming environment where experiences are gained, and memories are made



Endowment & Waqf

Donating to Prosper Lives

Because
We Care
Chancellors Fund



UTM Alumni
www.alumni.utm.my
UTM alumni



UTM Cares
www.utmcares.utm.my

- Merdeka Endowment
- Alumni Endowment
- Faculty Endowment
- Professorial Chair
- Scholarship Fund



UTM Wakaf
Education Fund
www.wakaf.utm.my



UTM Endowment
www.endowmen.utm.my



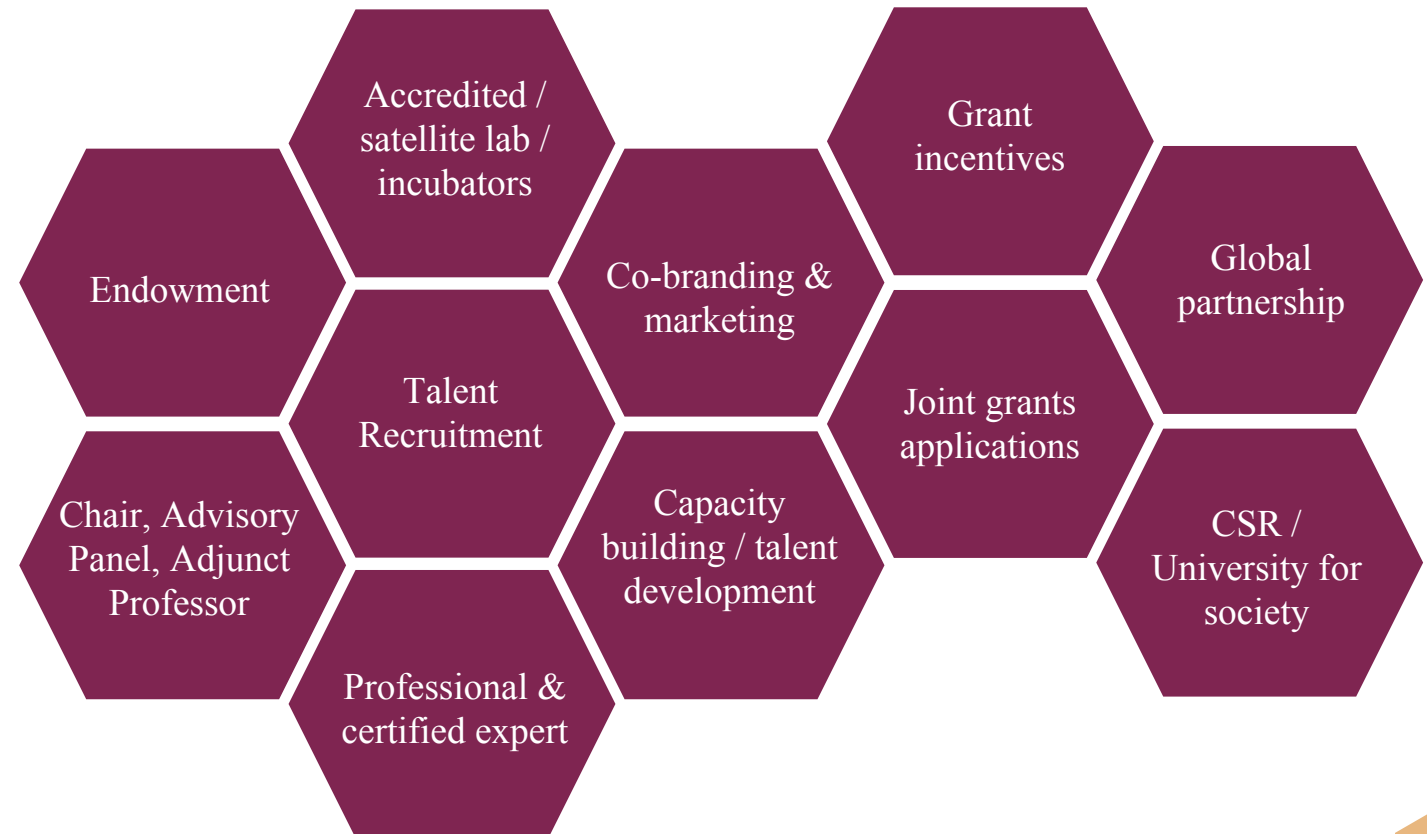
*Some of our major
contributors*



**Companies or
individuals are eligible for**

Single Deduction
Sub-Section 44(6)
Income Tax Act 1967

Partner with us, *Gain Mutual Benefits*





UTM
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“KERANA TUHAN UNTUK
MANUSIA”

In the Name of God for Mankind

THANK YOU

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Section of Corporate Affairs
Office of Strategy and Corporate Affairs
Chancellery Department
Universiti Teknologi Malaysia



www.utm.my

entrepreneurial • global