



**JALINAN KERJASAMA DIANTARA UTHM
DAN JKR PERLU DITERUSKAN**

Ir Ts Dr Raha Abd Rahman

P. Eng. MIEM | ACPE | Council REAM | P. Tech MBOT | TMO

Traffic Management | Road Safety | Highway Engineering | Traffic and Transportation Planning



Personal Detail

Academic qualification

Professional certification

Academic

Achievement

Management

Others

Temenggong Ibrahim Girl School Batu Pahat 1997
Universiti Putra Malaysia/Matriculation Science Physic/1998
Universiti Putra Malaysia/Bachelor of Civil Engineering/2001
Universiti Putra Malaysia/Master Science in Highway and Transportation/2003
Universiti Teknologi Malaysia/Doctor of Philosophy/2014
Universiti Tun Hussein Onn Malaysia PGDip 2015



Professional Engineer with Practice Certificate (PEPC) 2010



Corporate Member/Professional Engineer 2010



ASEAN Chartered Engineer(ACPE) 2010



Life Membership and Council Member Road Engineering Association Malaysia 2017



Traffic Management Officer (TMO) 2013



Professional Technologist 2019

- Mentor-Mentee Program: Mentoring staf for Professional Engineer 66 –(33 got Ir)
- Supervising Students
- FYP-38 ,
- FYP current 4
- PS-R-2,CW-2,MM-8
- PhD(CoSv)-1,
- PhD 3 current
- Custom Program MSc Railway –
- 21 students (RM331,800.00)
- Program PhD@industry – 6 Students

- Land title for Main Campus UTHM
- Status CCC for Project MOA
- Status CCC for PuMAS
- Monitoring DE Project
- - Design stage Cafeteria and RMC Building

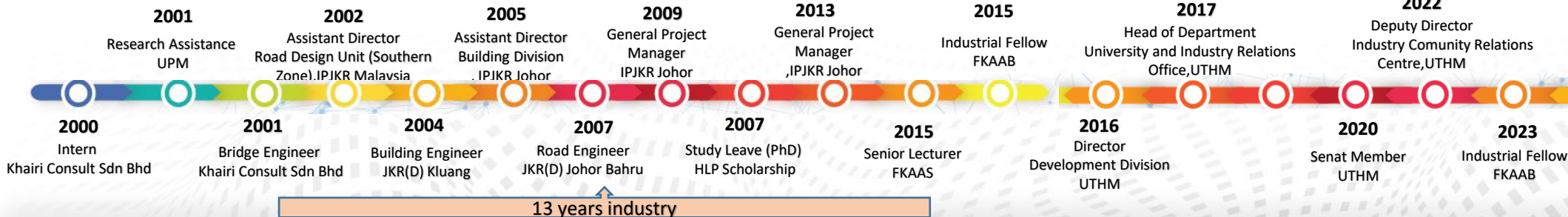
- Industrial Advisor
- Student Professional Club Advisor (IEMSSUTHM)
- Coordinator to University Industries Relationship
- Consultation- RM772,000.00

Working experience

LNPT
2015 – 88.63% , 2016 -96.24%, 2017-97.17%, 2018-96.25%, 2019-96.75%,2020-95.22, 2021-98.00,2022-94.43%

8 years academic

13 years industry



PWD Excellence Service Award 2006

PWD Excellence Service Award 2010

UTHM Excellence Service Award 2020



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University 2030

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PELUANG KERJASAMA BERSAMA



PERLANTIKAN, PENGIKTIRAFAN DAN PENGANUGERAHAN YANG DIBERIKAN KEPADA
PEGAWAI-PEGAWAI JKR

PEGAWAI JKR

MELANJUTKAN
PENGAJIAN
DIPERINGKAT LEBIH
TINGGI

JABATAN DI JKR

KOLABORASI DALAM
MENCAPAI MATLAMAT
JABATAN

PENSYARAH UNIVERSITI

MENJALANI CSI DI JKR

PTJ DI UTHM

MENCAPAI KEPERLUAN
EAC PTJ SERTA
MENINGKATKAN
JALINAN BERSAMA

BERSAMA BERKONGSI KEPAKARAN DALAM BIDANG DAN ALIRAN MASING-MASING
MEMBUAT KERJASAMA DALAM PENYELIDIKAN DAN PEMANTAPAN GARISPANDUAN



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PERLANTIKAN, PENGIKTIRAFAN DAN PENGANUGERAHAN YANG DIBERIKAN KEPADA PEGAWAI-PEGAWAI JKR



DATO' SRI Ir Dr ROSLAN BIN TAHA

PENASIHAT INDUSTRI
FKAAB, UTHM



Ir Dr ZARABIZAN BIN HJ ZAKARIA



Dr AZWAN EZZANY BIN AZMI

PAKAR RUJUK
ICT, UTHM



Ir Dr MEGAT ZUHAIRY BIN MEGAT TAJUDDIN



TAN SRI (Dr.) Ir. JAMILUS BIN MD HUSSIN
PENGURUS LEMBAGA PENGARAH UNIVERSITI



DATO Ir Hj ADANAN BIN HUSSAIN
KETUA PENGARAH KERJA RAYA KE 15



CEO@FACULTY
LANTIKAN KPT

DATO SERI Ir Hj MOHAMAD ZULKEFLY BIN Hj SULAIMAN
KETUA PENGARAH KERJA RAYA



ADJUNG PROFESOR
FKAAB, UTHM

DATO Ir Hj MASRI BIN BAHARUDDIN
PENGARAH
Cawangan Dasar dan Pengurusan Korporat



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PELUANG PEGAWAI JKR MELANJUTKAN PENGAJIAN DIPERINGKAT LEBIH TINGGI



NEW intake IS ON

ENHANCING VALUES FOR INDUSTRY

CUTTING EDGE PROGRAM

- ◆ **MASTER @ INDUSTRY**
- ◆ **PHD @ INDUSTRY**

FOR INDUSTRY EXECUTIVES

OFFER YOU THE BEST!

MASTER or DOCTOR

IN ENGINEERING, MANAGEMENT, INFORMATION TECHNOLOGY, SCIENCES & SOCIAL SCIENCES

- FLEXIBLE TIME & ON SITE SUPERVISION**
ON SITE (COMPANY) RESEARCH WORK AND SUPERVISION
- INDUSTRY DRIVEN RESEARCH TOPIC**
SOLVING INDUSTRY PROBLEM
- INDUSTRY FRIENDLY**
DOUBLE TAX DEDUCTION AND INDUSTRY FRIENDLY WRITING STYLE

ADMISSION REQUIREMENT

MASTER

- Bachelor's Degree with honours from UTHM or any other Higher Learning Institutions recognised by UTHM Senate.
- Minimum CPA with cumulative grade point average (GPA) of 2.75 out of a possible 4.0 for Master's Degree by Research.
- Other equivalent qualifications with related experience endorsed by UTHM Senate.

PHD

- Master's Degree from UTHM or any other Higher Learning Institutions recognised by UTHM Senate.
- Other equivalent qualification with related experience accepted by UTHM Senate.

Support by

Global Technopreneur University 2030

CGS

SCAN ME

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+607-4544012

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cps@uthm.edu.my

CENTRE FOR GRADUATE STUDIES
UNIVERSITY TUN MUSAHAIRI BIN MUSAHAIRI
36000 PASIR RAJA,
JALAN PASIR JOHOR

POSTGRADUATE@INDUSTRY

PhD@Industry & Master@Industry

PhD@Industry

- Applicants should possess a Master Degree from UTHM, or any other universities recognised by the Senate
- Applicants should fulfil the English competency requirement accordingly

Master@Industry

- Applicants should possess a Bachelor Degree from UTHM, or any other universities recognized by the Senate
- Minimum CGPA : **2.75**
- Application from applicant who possess a Bachelor Degree or equivalent not meeting the minimum CPA can be accepted subjected to *minimum years of working experience in related field

*ONE (1) year working experience equivalence to 0.1 CPA

- Applicants should fulfil the English competency requirement accordingly

CONVENTIONAL RESEARCH PROGRAMMES

- Applicants should possess a legit academic qualification
- Application should fulfil the English competency requirement accordingly
- Research work shall be supervised by academicians
- Research work shall be conducted mainly in UTHM and can also be conducted in any other academic laboratory (if applicable)
- Assessments shall be conducted in UTHM
- Assessors shall be among academics
- Assessment shall mainly look upon the contribution on the fundamental knowledge
- Candidates should submit an academic thesis prior the conferment of degree
- Candidates should fulfil the minimum publication requirements prior the conferment of degree

SUPERVISION

CONTINUOUS ASSESSMENT

ENTRY REQUIREMENT

RESEARCH LOCATION

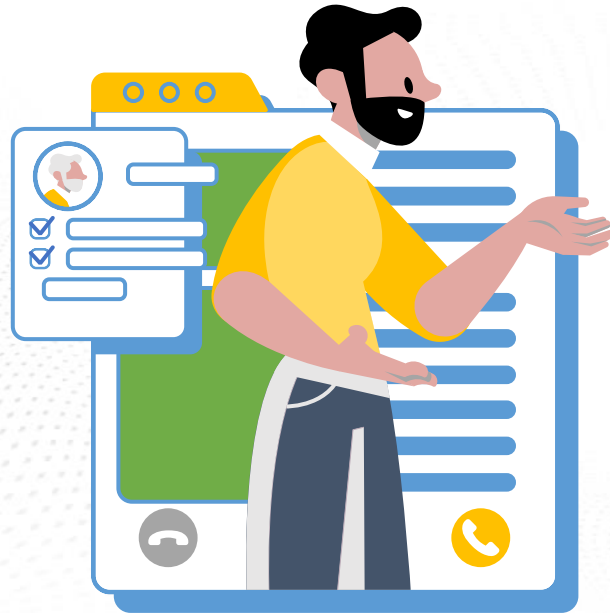
REQUIREMENTS

- Applicants should possess a legit academic qualification
- Application should fulfil the English competency requirement accordingly
- Applicant should submit an approval letter from the respective industry prior application of enrolment to the programme
- Applicant should submit the Non-disclosure Agreement (NDA) prior application of enrolment to the programme
- Research work shall be supervised by academicians as well as qualified representative from the industry
- Research work shall be conducted mainly in the industry and can also be conducted in any other academic laboratory (if applicable)
- Assessments shall be conducted in the respective industries
- Assessors shall be among academics and industrial players
- Assessment shall mainly look upon the contribution towards the respective industry
- Candidates should submit an academic thesis prior the conferment of degree
- Candidates should fulfil the minimum *project outcome prior the conferment of degree

Master@Industry: ONE (1) project outcome
PhD@ Industry: TWO (2) project outcomes

POSTGRADUATE@INDUSTRY

- The project outcomes should shed light towards the betterment of the respective industry



- 01 Technical Reports
- 02 Research Patents
- 03 Policy Documents
- 04 Work Instructions / Manuals / Procedures
- 05 Technical Standard Operations

- *The project outcomes are not limited to the aforementioned documents*
- *These documents should be certified by professional bodies / authorities / technical committee.*

CONVENTIONAL BASED

Basic requirements

- **ONE (1)** Thesis
- **ONE (1)** *Publication
- Conventional chapters arrangement for thesis write up

*Publication Requirements

PhD	ONE (1) Journal Article ((indexed by SCOPUS/ERA/WOS)
Master	ONE (1) Proceeding Article (indexed by SCOPUS/ERA/WOS)

PUBLICATION BASED

Basic requirements

- **ONE (1)** Thesis
- **Fulfil** the *Publication requirements
- Paper Based chapters arrangement for thesis write up

*Publication Requirements

PhD	Not less than THREE (3) articles of which TWO (2) had been published or accepted for publication in high impact journal (SCOPUS or ISI indexed) and a minimum of ONE (1) article is in Q1 or Q2 quartiles.
Master	Not less than TWO (2) articles of which ONE (1) had been published or accepted for publication in high impact journal (SCOPUS or ISI indexed) and a minimum of ONE (1) article is in Q3 quartiles

INDUSTRIAL BASED

Basic requirements

- **ONE (1)** Thesis
- **Attain** minimum *project outcomes
- Project Outcomes Based chapters arrangement for thesis write up

*Project Outcomes Requirements

PhD	TWO (2) project outcomes <i>*Documents should be certified by professional bodies / authorities / technical committee.</i>
Master	ONE (1) project outcomes <i>*Documents should be certified by professional bodies / authorities / technical committee.</i>





01

CONVENTIONAL BASED

Fundamental Research

- Assessors shall be among academics
- Assessment shall mainly look upon the contribution on the fundamental knowledge

Basic Thesis Format

Chapter 1	Introduction
Chapter 2	Literature Review
Chapter 3	Methodology
Chapter 4	Results & Discussion
Chapter 5	Conclusion & Recommendation



02

PUBLICATION BASED

Fundamental Research

- Assessors shall be among academics
- Assessment shall mainly look upon the contribution on the fundamental knowledge

Basic Thesis Format

Chapter 1	Introduction
Chapter 2	Literature Review
Chapter 3	Elaboration on Article 1
Chapter 4	Elaboration on Article 2
Chapter 5	Elaboration on Article 3
Chapter XX	Conclusion & Recommendation



03

INDUSTRIAL BASED

Industrial Based Research

- Assessors shall be among academics and industrial players
- Assessment shall mainly look upon the contribution towards the respective industry

Basic Thesis Format

Chapter 1	Introduction
Chapter 2	Literature Review
Chapter 3	Elaboration on Project Outcome 1
Chapter 4	Elaboration on Project Outcome 2
Chapter 5	Elaboration on Project Outcome 3
Chapter XX	Conclusion & Recommendation



WHO CAN BE THE SUPERVISOR AND EXAMINER FROM THE INDUSTRY?

- Prospective industrial supervisor or/and examiner should have similar or higher academic qualification from the candidate
- Prospective industrial supervisor or/and examiner should possess professional qualification within the proposed research area
- Prospective industrial supervisor or/and examiner should have vast experience and expertise in relevant industry (with a minimum of **TEN (10)** years of experience)

SUPERVISION AND CONTINUOUS ASSESSMENT

- Research work shall be conducted mainly in the industry and can also be conducted in any other academic laboratory (if applicable).
- A regular supervision visit (to the respective industry) shall be conducted to evaluate and discuss on the research progress and direction.
- Continuous assessments (proposal defense, pre-viva and viva-voce may be conducted in the industry instead of in UTHM campuses).

REGISTRATION

- Candidate may choose to register in a full time or part time programme.

PROGRAM MSc RAILWAY ENGINEERING

DIS 2018 SESI TANDATANGAN MoA UTHM-JKR

SemII sesi 2018/2019

Bilangan Pelajar – 21 PELAJAR

- 20 pelajar adalah terdiri daripada pelajar tanpa tajaan
- Seorang pelajar adalah tajaan HLP(JPA)



Pegawai Pengiring / Pengajar UTHM : 1 orang PM DR ZAINAL ABIDIN AKASAH

Tempat Lawatan : HONG KONG POLYTECHNIC UNIVERSITY AND ATTENDING ONE DAY PROFESSIONAL COURSE UNDER MTR ACADEMY HONGKONG



BIL	GAMBAR	NAMA	UMUR	GRED/ JAWATAN	PENEMPATAN	UNIVERSITI TERDAHULU	PENGGHUSUSAN
1		Ir. MOHAMED MOHIDEEN BIN A. JAMAL MOHAMED 0192220095 FTK SV- PM Dr Asyraf Matrik no: GN210002	38	J48 JURUTERA MEKANIKAL	CAWANGAN KEJURUTERAAN MEKANIKAL REKABENTUK (BAHAGIAN REKA BENTUK KESIHATAN 1)	UTHM	BUILDING INFORMATION MODELLING (BIM) (BUILDING INFORMATION MODELLING (BIM) AND PENARAFAN HUALI (pH) JKR STANDARD ASSESSMENT FRAMEWORK FOR NEW GOVERNMENT BUILDING CONSTRUCTION)
STATUS SEMASA		Sem 3					
2		SYAHERZA BINTI SENAN SV-Dr DrSallehuddin Shah Ayop Matrik no: GF210016	39	J48 JURUTERA AWAM KANAN	CAWANGAN DASAR DAN PENGURUSAN KORPORAT (BAHAGIAN TEKNOLOGI MAKLUMAT)	UITM	CIVIL ENGINEERING (ASSESSING OF CONCRETE DETERIORATION AND DETECTION OF REINFORCEMENT STEEL CORROSION USING ACOUSTIC EMISSION (AE) TECHNIQUE)
STATUS SEMASA		Sem 3					
3		IKHAIRUL NIZAM BIN YUSOFF +60 13-285 7496 FKAAB SV-Ir. Dr. Azam co SV : Dr. SasiDr Sasitharan Matrik no: GF210010	43	J48 JURUTERA AWAM KANAN	JABATAN KERJA RAYA NEGERI KEDAH (JKR DAERAH PENDANG)	UTM	PENGURUSAN PROJEK (CABARAN JABATAN KERJA RAYA DALAM MELAKSANAKAN PROJEK PEMBINAAN SEMASA PASCA PENDEMIK COVID19 DALAM MENANGANI PENINGKATAN KOS PEMBINAAN)
STATUS SEMASA		Sem 3					

BIL	GAMBAR	NAMA	UMUR	GRED/ JAWATAN	PENEMPATAN	UNIVERSITI TERDAHULU	PENGGHUSUSAN
4		Ir Ts NURUL AKMAR BINTI MOHAMAD RAMLI FKAAB SV - Dr Raha Matrik no: GF210017	36	J44 JURUTERA ELEKTRIK	CAWANGAN KERJA KESIHATAN BAHAGIAN PENGURUSAN PORTFOLIO	UTHM	RAILWAY ENGINEERING (THE EFFECT OF PLATFORM SCREEN DOORS (PSD) ON EMERGENCY EVACUATION AT RAILWAY STATIONS AT MALAYSIA)
STATUS SEMASA		SEM 2					
5.		Ir Ts MOHD HAZMAN HAKIM B ABDULLAH FKAAB SV - Dr Raha Matrik no: GF210018	36	J44 JURUTERA ELEKTRIK	CAWANGAN KEJURUTERAAN INFRASTRUKTUR PENGANGKUTAN	UTHM	RAILWAY ENGINEERING (IDENTIFICATION ON THE SAFETY FACTOR AT PLATFORM TRAIN INTERFACE (PTI) : A CASE STUDY IN GAP BETWEEN PLATFORM AND TRAIN AT MALAYSIA)
STATUS SEMASA		SEM 2					

BIL	GAMBAR	NAMA	UMUR	GRED/ JAWATAN	PENEMPATAN	UNIVERSITI TERDAHULU	PENGGHUSUSAN
7		Tn Hj Meor Mohamed Haris Bin Meor Hussein FKAAB SV - Dr Raha Matrik no: HF200037	63	PESARA JKR JUSA C	Bekas PENGARAH CDPK JKR	UTHM	ROAD SAFETY/CIVIL ENGINEERING <i>(The development of road crashes management and monitoring system (e.RCMM) as a reporting submission tool in Malaysia: Case study in Perak State)</i>
STATUS SEMASA		SEM 4 -1 JOURNAL PAPER TELAH DITERBITKAN Sem 2 dan telah bentang defense proposal SEM3 –submission for presentation on progress					

- PROGRAM CSI PERTAMA SERAMAI 11 STAF UTHM TERLIBAT





**BANTUAN DAN
PERKONGSIAN KEPAKARAN**

**KEPAKARAN DARIPADA JKR MEKANIKAL
-MASALAH PENGHAWA DINGIN DAN KULAT**

LAWATAN TAPAK PROJEK PIPC



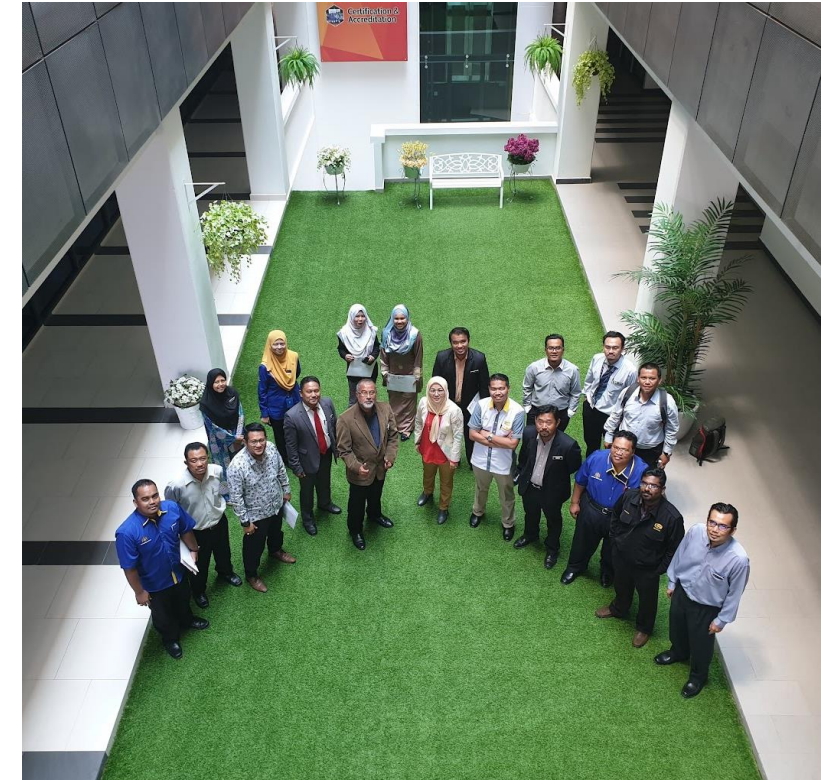
PERKONGSIAN KEPAKARAN
DAN MAKLUM BALAS



KEPAKARAN DARIPADA BAHAGIAN TRAFIK
-PEMBENTANGAN HASIL KAJIAN TIA BERSAMA
PELAJAR SARJANA



SESI MENANDATANGANI 2 MoA UTHM-JKR



SESI BERSAMA PENGARAH KANAN CTEaTE

SESI PERKONGSIAN SEMASA SEMINAR



Ir Ts Dr Raha Abd Rahman

P. Eng. MIEM | ACPE | Council REAM | P. Tech MBOT | TMO

Traffic Management | Road Safety | Highway Engineering | Traffic and Transportation Planning



UTHM
Universiti Tun Hussein Onn Malaysia



SENARAI NAMA PENSYARAH UNIVERSITI 'CUTI SANGKUTAN INDUSTRI' DI JKR (2016 sehingga kini 2023)

UTHM

FKAAB

PROF. MADYA Ir. Ts. Dr. TAN LAI WAI

PROF. MADYA Ir. Ts. Dr. RIDUAN BIN YUNUS

PROF. MADYA Ir. Dr. SAIFUL AZHAR BIN AHMAD TAJUDIN

Ir. Dr. ZAINORIZUAN BIN MOHD JAINI

Ir. MUSTAFA KAMAL BIN SHAMSHUDDIN

PROF. Ir. Ts. Dr. MOHD IRWAN BIN JUKI

Dr. MUHAMMAD NIZAM BIN ZAKARIA

Ir. Dr. MOHAMMAD SOFFI BIN MD NOH

PROF. Dr. NORIDAH BINTI MOHAMAD

Ts. Dr. NORASHIDAH BINTI ABD RAHMAN

Ts. Dr. TONG YEAN GHING

Dr. NOR HAYATI BINTI ABD GHAFAR

FKEE

PROF. MADYA Ir. Ts. Gs. Dr. KARTHIGESU A/L NAGARAJOO

ENCIK HAZWAJ BIN MHD POAD

Dr MOHAMED NAJIB BIN RIDUAN

Ts. EZRI BIN MOHD

Dr. FARHANA BINTI AHMAD PO'AD (dalam permohonan diperingkat UTHM)

FKMP

PROF. MADYA Ir. Dr. SALIZA AZLINA BINTI OSMAN

Ir. Dr. SRI YULIS BINTI M AMIN

Dr. NOORMAZIAH BINTI JAFFERI

Ir. Ts. Dr. MOHD HILMI BIN OTHMAN

Dr. KOH CHING THENG

FTK

Ts. MOHAMAD LUTHFI BIN AHMAD JENI

UTeM

Ir Dr MOHD MUZAFAR BIN ISMAIL

Ir Dr FAIRUL AZHAR B SHUKOR

Ir Dr NORMI BINTI ZABRI@SUHAIMI

Dr NOR SHAHIDA HASSAN

UniMAP

PM Ir Dr AZREK BIN ROSLAN

Dr RAFI BIN ADZMAN

UTM

Dr EYDZAH AMINUDIN

UMP

Dr YOUVENTHRAN DURASAMY (Telah mendapat penempatan Tarik diri)

31 PENSYARAH UNIVERSITI TELAH
MENJALANI CSI DI JKR



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University 2030

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TERIMA KASIH

Ir Ts Dr Raha binti Abd Rahman
Felo Industri
Fakulti Kejuruteraan Awam dan Alam Bina
Universiti Tun Hussein Onn Malaysia
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