

## CURRICULUM VITAE



### **A. PERSONAL DETAILS**

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Race : MALAY  
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Title of Position : SENIOR LECTURER  
Department/Division/Unit : FACULTY OF CIVIL ENGINEERING

### **B. ACADEMIC QUALIFICATIONS**

NO	QUALIFICATIONS OBTAINED	YEAR	INSTITUTION
1.	M.ENG (CIVIL-GEOTECHNIC)	2002	UNIVERSITI TEKNOLOGI MALAYSIA (UTM), SKUDAI, JOHOR
2.	B.ENG (HON) CIVIL ENG.	1994	UNIVERSITI TEKNOLOGI MALAYSIA (UTM), SKUDAI, JOHOR

### **C. CURRENT PROFESSIONAL MEMBERSHIPS**

NO	QUALIFICATIONS OBTAINED	YEAR	INSTITUTION
1.	PROFESSIONAL TECHNOLOGIST (Ts.)	2018	MBOT
2.	GRADUATE MEMBER (GE24041A)	1995	BEM

**D. CURRENT TEACHING AND ADMINISTRATIVE RESPONSIBILITIES**

<b>N O</b>	<b>RESPONSIBILITY</b>	<b>JOB DESCRIPTIO N</b>	<b>YEA R</b>	<b>MODULE/AREA</b>
1.	<ul style="list-style-type: none"> <li>• TEACHING DIPLOMA AND DEGREE STUDENTS.</li> <li>• PREPARATION OF NOTES, TEST &amp; EXAM PAPERS.</li> <li>• ASSESS, EVALUATE AND GRADING THE RELATED SUBJECT.</li> <li>• SUPERVISE FINAL YEAR PROJECTS.</li> <li>• ACADEMIC ADVISOR</li> <li>• INVOLVED IN RESEARCH WORKS/PUBLISH PAPERS/CONSULTATIONS WORKS.</li> <li>• INVOLVED AND ATTENDING MEETINGS/WORKSHOPS/CONFERENCES/TECHNICAL TALKS/ADMINISTRATION WORKS (IF ANY).</li> </ul>	SENIOR LECTURER / COURSE COORDINATOR / ACADEMIC ADVISOR	2002 - TO DATE	COURSES SUCH AS; 1. ECG553 - GEOTECHNIQUE S ENGINEERING 2. ECG303 AND ECG426 - BASIC SOIL MECHANICS 3. ECG353 - SOIL ENGINEERING 4. KJC512 - GEOTECHNIQUE S III 5. KJC422 - GEOTECHNIQUE S II 6. KJC322 - GEOTECHNIQUE S I 7. KJC262 - GEOTECHNICAL LABORATORY 8. KJC324 - STRUCTURAL ANALYSIS I 9. KJC213 - MECHANICS OF FLUID I
2.	PERMANENT RESEARCHER FOR INSTITUTE FOR INFRASTRUCTURE ENGINEERING AND SUSTAINABLE MANAGEMENT (IIESM).	PERMANENT RESEARCHER	2018 - 2020	IISEM (CoE)
3.	PREPARATION FOR SUBMISSION FOR WC TEST : BS EN ISO 17892-1:2014	TECHNICAL MANAGER	2018 - 2019	ISO 17025 FOR IISEM (CoE)

4.	TRAINING FOR TRAINERS (TOT) FOR SOIL ENGINEERING SUBJECT, PASIR GUDANG CAMPUS	SPEAKER / TRAINER	2016	GIVING A BASIC TRAINING TO YOUNG LECTURERS ON THE RELEVANT SUBJECT
5.	AUDITOR FOR COURSES FOR FACULTY OF CIVIL ENGINEERING, PASIR GUDANG CAMPUS	INTERNAL AUDITOR	2015 - 2017	COURSE FILE
6.	LECTURER'S PROFESSIONALISME MONITORING (PROPENS), PASIR GUDANG CAMPUS	PANEL / EXAMINER	2015 - 2017	MONITORING THE QUALITY OF TEACHING AND LEARNING
7.	FELLOW MEMBER FOR INSTITUTE FOR INFRASTRUCTURE ENGINEERING AND SUSTAINABLE MANAGEMENT (IIESM).	FELLOW MEMBER	2012 - 2015	RESEARCH INTEREST GROUP

#### **E. PREVIOUS EMPLOYMENT**

<b>N O</b>	<b>EMPLOYER</b>	<b>DESIGNATION</b>	<b>YEAR</b>
1.	UNIVERSITI TEKNOLOGI MARA (UiTM)	SENIOR LECTURER	NOV 2007 - TO DATE
2.	UNIVERSITI TEKNOLOGI MARA (UiTM)	LECTURER	JUN 2002 - OCT 2007
3.	JURUTERA PERUNDING AYY	SENIOR CIVIL ENGINEER	OCT 1999 - SEPT 2000
4.	JAKS SDN. BHD.	PROJECT ENGINEER	NOV 1997 - SEPT 1999
5.	JURUTERA PERUNDING WAHBA SDN. BHD.	CIVIL ENGINEER (COASTAL ENGINEER)	OCT 1995 - OCT 1997
6.	PENGURUSAN LEBUHRAYA BERHAD	CIVIL ENGINEER	JUL 1994 - SEPT 1995

## **F. ACTIVITIES, CONFERENCES AND TRAINING ATTENDED**

<b>NO</b>	<b>ACTIVITIES / CONFERENCE / TRAINING</b>	<b>VENUE</b>	<b>YEAR</b>
1.	ACADEMIC ADVISOR VISIT TO IMPERIAL COLLEGE LONDON	LONDON, UK	FEB 2019
2.	MOBILITY PROGRAM TO IMPERIAL COLLEGE LONDON	LONDON, UK	AUG – OCT 2018
3.	INTER LAB COMPARISON (ILC) TO UNIVERSITI PETRONAS	TRONOH, PERAK	JUL 2018
4.	HALF-DAY SEMINAR ON INNOVATIVE GREEN RECYCLED MATERIAL – DESIGN & APPLICATION	UiTM SHAH ALAM	JUL 2018
5.	LABORATORY TRAINING WITH IKRAM	BANGI	JUN 2018
6.	WORKSHOP ON 'JOM TULIS BUKU'	UiTM PASIR GUDANG, JOHOR	SEPT 2017
7.	TRAINING / HANDS-ON : DEVELOPMENT OF STUDENTS ATTENDANCE USING FINGERPRINT IDENTIFICATION METHOD.	UiTM PASIR GUDANG, JOHOR	AUG 2017
8.	INTERNATIONAL MALAYSIA-INDONESIA-THAILAND SYMPOSIUM ON INNOVATION & CREATIVITY (IMIT SIC 2017)	UiTM PASIR GUDANG, JOHOR	AUG 2017
9.	INTERNATIONAL CONFERENCE ON SCIENCE, TECHNOLOGY AND SOCIAL SCIENCE	UiTM PASIR GUDANG, JOHOR	JUL 2017
10.	WORKSHOP ON CONSULTATION WORKS FOR ACADEMICIAN	UiTM PASIR GUDANG, JOHOR	JUL 2017
11.	WORKSHOP ON ENTREPRENEUR MINDSET; LET'S BE AN INNOVATIVE PEOPLE	UiTM PASIR GUDANG, JOHOR	JUL 2017
12.	WORKSHOP ON ISO DOCUMENTIONS	UiTM PASIR GUDANG, JOHOR	JUL 2017
13.	WORKSHOP ON CONCEIVE, DESIGN, IMPLEMENT AND OPERATE (CDIO) AND OPEN ENDED LEARNING (OEL) FOR DIPLOMA PROGRAM (EC110), UiTM	UiTM PASIR GUDANG, JOHOR	SEPT 2016
14.	ENGINEERING RESEARCH AND HIGH IMPACT PUBLICATIONS	UiTM PASIR GUDANG, JOHOR	MAR 2016

15.	ONE DAY TALKS ON DOING A CRITICAL LITERATURE REVIEW	MPWS BANGI, SELANGOR	NOV 2015
16.	INTRODUCTION ON HOW TO APPLY DATA ANALYSIS USING EXCEL – LOOKING AT FORMULAS, FUNCTIONS, MACROS & VISUAL BASIC APPLICATION PROGRAMMING	MALAYSIA INSTITUTE OF TRANSPORT (MITRAN)	FEB 2013
17.	51 <sup>ST</sup> RANKINE LECTURE	LONDON	MAC 2011
18.	5 <sup>TH</sup> INTERNATIONAL CONFERENCE ON UNSATURATED SOILS	BARCELONA, SPAIN	SEPT 2010

### **G. RESEARCH, PUBLICATIONS AND COMPETITION INVOLVED**

<b>N O</b>	<b>ACTIVITY</b>	<b>VENUE</b>	<b>YEAR</b>
1.	EXPO 29 <sup>TH</sup> INTERNATIONAL INVENTION, INNOVATION & TECHNOLOGY EXHIBITION, MALAYSIA (ITEX) FOR PRODUCT I-GRADE PADA 10 – 12 MEI 2018	KUALA LUMPUR	10 – 1 MAY 2018
2.	PERFORMANCE EVALUATION OF DENSE GRADED COLD MIX ASPHALT	JOURNAL ARTICLE INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY	OCT 2018
3.	RESILIENT MODULUS OF CRUSHED GRANITE AGGREGATE BASE FOR USE IN MECHANISTIC PAVEMENT DESIGN	JOURNAL ARTICLE INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY	SEPT 2018
4.	ASPHALTIC CONCRETE EVALUATION FOR MECHANISTIC PAVEMENT DESIGN	JOURNAL ARTICLE INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY	AUG 2018
5.	EVALUATION OF SUBBASE MATERIALS FOR MECHANISTIC PAVEMENT DESIGN	JOURNAL ARTICLE INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY	AUG 2018
6.	CEMENT STABILISED SOIL SUBGRADE DESIGN AND CONSTRUCTION	JOURNAL ARTICLE INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY	JUL 2018

7.	COMPARATIVE EVALUATION OF SOIL SUBGRADE STRENGTH USING LABORATORY AND IN-SITU TESTS	JOURNAL ARTICLE INTERNATIONAL JOURNAL OF CIVIL ENGINEERING AND TECHNOLOGY	JUL 2018
8.	COMPETITION AT MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION 2017 (MIIEEX);	MELAKA	NOV 2017
9.	AWARDED FOR ARAS GRANT ON DEVELOPMENT OF STUDENTS ATTENDANCE USING FINGERPRINT IDENTIFICATION METHOD – RM10,000.00	UiTM GRANT	AUG 2016
10	" <i>SLOPE FAILURE INVESTIGATION USING ELECTRICAL RESISTIVITY PROFILING</i> ", ON 01-03 DISEMBER 2015, ENVIRONMENTAL AND CIVIL ENGINEERING TECHNOLOGY CONFERENCE, ENVICET 2015, KRABI AO NANG, THAILAND.	KRABI AO NANG, THAILAND	DEC 2015
11	COMPETITION AT INVENTION, INNOVATION AND DESIGN (IID), NEGERI SEMBILAN.	UITM SEREMBAN 3, NEGERI SEMBILAN	NOV 2015
12	" <i>STOCHASTIC DAILY RAINFALL DATA GENERATION</i> ", ON 05-07 OKTOBER 2015, INTERNATIONAL SYMPOSIUM ON FLOOD RESEARCH AND MANAGEMENT, ISFRAM 2015, BLUE WAVE SHAH ALAM, SELANGOR.	SHAH ALAM, SELANGOR	OCT 2015
13	THE CORRELATION BETWEEN INTERNAL EROSION RESISTANCES WITH THE HYDRAULIC CONDUCTIVITY OF RESIDUAL SOIL	PROCEEDING PAPER ISBEIA 2012 ~ IEEE SYMPOSIUM ON BUSINESS, ENGINEERING AND INDUSTRIAL APPLICATIONS	SEPT 2012
14	A STUDY ON THE MECHANISM OF INTERNAL EROSION RESISTANCE TO SOIL SLOPE STABILITY	JOURNAL ARTICLE THE ELECTRONIC JOURNAL OF GEOTECHNICAL ENGINEERING	JAN 2008

## **H. CONSULTATIONS / WORK EXPERIENCE**

<b>NO</b>	<b>CONSULTATION WORKS / PROJECTS DONE / YEAR INVOLVED</b>
1.	<p><b>OCT 1999 – SEPT 2000</b> <b>JURUTERA PERUNDING AYY</b> <b>SENIOR CIVIL ENGINEER</b></p> <p>INVOLVED IN C&amp;S DESIGN WORKS FOR THE PROJECT AS LISTED BELOW:</p> <ul style="list-style-type: none"><li>• CADANGAN MEREKABENTUK, MEMBINA DAN MENYIAPKAN PROJEK REKREASI KINCIR ANGIN DI TAMAN BANDAR PASIR GUDANG UNTUK TETUAN PIHAK BERKUASA TEMPATAN PASIR GUDANG.</li><li>• THE DESIGN, CONSTRUCTION, EQUIPPING AND COMMISSIONING OF OPERATION THEATRE SUITE, CSSD AND DELIVERY SUITES AT HOSPITAL KEMAMAN, TERENGGANU DARUL IMAN FOR MESSR. KEMENTERIAN KESIHATAN MALAYSIA.</li><li>• CADANGAN MEREKEBENTUK, MEMBINA DAN MENYIAPKAN PROJEK BANGUNAN TIGA TINGKAT SEKOLAH KEBANGSAAN PELAGAT, KUALA TERENGGANU UNTUK KEMENTERIAN PENDIDIKAN MALAYSIA</li></ul>
2.	<p><b>NOV 1997 – SEPT 1999</b> <b>JAKS SDN. BHD.</b> <b>PROJECT ENGINEER</b></p> <p>INVOLVED IN CONSTRUCTION WORKS FOR THE PROJECTS AS LISTED BELOW:</p> <ul style="list-style-type: none"><li>• SUPPLY OF M.S PIPES TO KUANTAN PERINDUSTRIAN, GEBENG PHASE III, KUANTAN PAHANG DARUL MAKMUR. RM 1,490,191.00</li><li>• CONSTRUCTION AND COMPLETION OF PUMP HOUSE INCLUDING SUPPLY, INSTALLATION AND COMMISSIONING PUMPSETS FOR BROOKLAND ESTATE, KUALA LANGAT, SELANGOR DARUL EHSAN. RM 5,500,000.00</li><li>• PROPOSED F.R.P. ELEVATED WATER TANK, PIPE WORKS, PUMP HOUSE, M&amp;E AND ALL ASSOCIATED WORKS AT TAMAN SENTOSA, KLANG. RM 990,000.00</li><li>• SUPPLY AND LAYING OF 600MM M.S PIPE AND RELATED WORKS FROM JBA RESORVOIR AT BUKIT RAJA TO SHAHPADU EXPRESSWAY OPPOSITE BANDAR BARU KLANG.</li></ul>

RM 556,200.00

- PROPESED TEMPORARY SUPPLY MAINS TO MEGASTEEL ON LOT 2319,2320,2321 AND 2323, MUKIM TANJUNG DUABELAS, DAERAH KUALA LANGAT, SELANGOR DARUL EHSAN  
RM 188,000.00
- CYBERJAYA : ACCESS ROAD TO MULTIMEDIA UNIVERSITY –WATER RETICULATION WORKS.  
RM 195,800.00
- LIGHT RAIL TRANSIT SYSTEM TWO FOR KUALA LUMPUR PHASE I – DEPOT PACKAGE 1 - WATER RETICULATION WORKS.  
RM 209,547.00
- CADANGAN MEMBINA 126 UNIT RUMAH DERET SETINGKAT DI ATAS LOT ASAL 6919 DAN LOT 6920, JALAN DATO' TAHIR MANAN, MUKIM KAPAR, DAERAH KLANG, SELANGOR – RETIKULASI BEKALAN AIR.  
RM 135,000.00
- CADANGAN MEMBINA 15 UNIT DERET 2 TINGKAT DI ATAS PT 44499 - PT 44513, JALAN TEPI SUNGAI, BANDAR KLANG. RETIKULASI BEKALAN AIR.  
RM 200,000.00
- CADANGAN 30 UNIT KILANG BERKEMBAR 2 TINGKAT DI LOT PT 537 - PT 554 DAN LOT PT 643 - PT 654, KAWASAN PERINDUSTRIAN HICOM, SEKSYEN 26, SHAH ALAM, SELANGOR. RETIKULASI BEKALAN AIR.  
RM 130,000.00
- CADANGAN PEMBANGUNAN PERUMAHAN DAN PERUSAHAAN DI MUKIM PETALING, SELANGOR DARUL EHSAN (SEKTOR B) RETIKULASI BEKALAN AIR.  
RM 482,697.22

3. **OCT 1995 – OCT 1997**  
**JURUTERA PERUNDING WAHBA SDN. BHD.**  
**CIVIL ENGINEER (COASTAL ENGINEER)**

	<ul style="list-style-type: none"> <li>• CARRIED OUT EIA STUDY FOR LAND RECLAMATION WORKS AT UMBAI, MELAKA.</li> <li>• INVOLVE IN LAND RECLAMATION FOR MIX DEVELOPMENT OF AN AREA 528 ACRES IN MUKIM UMBAI, MELAKA INCLUDING CARRIED OUT PRELIMINARY DESIGN OF SHEET PILES.</li> <li>• INVOLVED IN DESIGN OF NAVIGATION DREDGING CHANNEL AT KUALA BARAM, SARAWAK.</li> <li>• INVOLVED IN SUNGAI KUBANG MULONG/SUNGAI PENGKALAN DATU FLOOD MITIGATION AND CONTROL PROJECT-PROJECT INCLUDING RIVERINE DEVELOPMENT.</li> <li>• CARRIED OUT A PRELIMINARY JETTY DESIGN AT ADMIRAL COVE DEVELOPMENT PROJECT IN PORT DICKSON, NEGERI SEMBILAN.</li> </ul>
4.	<p><b>JULY 1994 – SEPTEMBER 1995</b>  <b>PENGURUSAN LEBUHRAYA BERHAD</b>  <b>ENGINEER</b></p> <ul style="list-style-type: none"> <li>• RESPONSIBLE AND INVOLVED IN TENDER ESTIMATION, FINANCIAL EVALUATION, PROGRESS MONTHLY PAYMENT FOR MALAYSIA-SINGAPORE SECOND CROSSING ( BRIDGES AND EXPRESSWAY) RM 1.4 BILLIONS.</li> </ul>

## **I. COMMUNITY SERVICE**

<b>N O</b>	<b>ACTIVITY</b>	<b>VENUE</b>	<b>YEAR</b>
1.	INVITED SPEAKER FOR ' <i>PROGRAM KHAS PENDEDAHAN SAINS &amp; KEJURUTERAAN</i> ' TO MARA STUDENTS.	MAKTAB RENDAH SAINS MARA, JOHOR	OCT 2017
2.	KETUA MUSLIMAT, SURAU NURUL ISLAH	SURAU NURUL ISLAH, PUTRA HEIGHTS, SUBANG JAYA, SELANGOR	2013 - 2015
3.	SUKARELAWAN AMAN PALESTINE	SELANGOR	2007

**J. HONORARY AND AWARDS**

<b>N O</b>	<b>ACTIVITY</b>	<b>AWARDING BODY</b>	<b>YEAR</b>
1.	GOLD MEDAL FOR ITEX 2018 FOR I-GRADE PRODUCT	MALAYSIAN INVENTION AND DESIGN SOCIETY	2018
2.	SILVER MEDAL FOR COMPETITION IID-UiTM 2015 NEGERI SEMBILAN, SEREMBAN 3.	UiTM SEREMBAN	2015
3.	<i>ANUGERAH KHIDMAT CEMERLANG</i> FOR YEAR 2006.	UiTM SHAH ALAM	2007

**K. OTHER INFORMATION**

<b>N O</b>	<b>ACTIVITY</b>	<b>VENUE</b>	<b>YEAR</b>
1.	CURRICULUM REVIEWER FOR DIPLOMA PROGRAM EC110	UiTM PASIR GUDANG, JOHOR	2016
2.	JURY/PANEL FOR SCIENCE & TECHNOLOGY CARNIVAL.	UiTM PASIR GUDANG, JOHOR	2016
3.	ACADEMIC CONSULTANT FOR <i>EXPO SELANGKAH KE UiTM</i>	MASAI JOHOR	2016
4.	JURY/PANEL FOR ENTREPRENEUR DAY FOR UiTM PASIR GUDANG ON ENT DAY.	UiTM PASIR GUDANG, JOHOR	2015
5.	CHAIR PERSON FOR PARALLELED SESSION AT INTERNATIONAL CIVIL & INFRASTRUCTURE ENGINEERING CONFERENCE (INCIEC) 2014, KOTA KINABALU SABAH.	KOTA KINABALU, SABAH	SEPT 2014
6.	REVIEWER FOR PAPER : " <i>RAINFALL INFILTRATION INTO UNSATURATED SOIL</i> ", ON 07 JULAI 2014 FOR INCIEC 2014.	FOR INTERNATIONAL PROCEEDING (INCIEC)	2014
7.	REVIEWER FOR PAPER : " <i>AN EVALUATION OF SHRINKAGE MEASUREMENT IN UNDISTURBED PEAT SOIL USING MODIFIED TECHNIQUES</i> ", ON 07 JULAI 2014 FOR INCIEC 2014.	FOR INTERNATIONAL PROCEEDING (INCIEC)	2014
8.	REVIEWER FOR PAPER : " <i>GEOPHYSICAL CHARACTERISATION OF ROAD SUBSURFACE</i> ", ON 10 JUNE 2014	FOR INTERNATIONAL PROCEEDING (INCIEC)	2014

	FOR INCIEC 2014.		
9.	PANEL/EXAMINER FOR POST-GRADUATE COLLOQUIUM AND DESSERTATION , FACULTY OF CIVIL ENGINEERING.	UiTM SHAH ALAM, SELANGOR	2012, 2013 & 2014

#### **L. MEMBERS**

<b>N O</b>	<b>BODY/SOCIETY</b>	<b>SINCE</b>	<b>YEAR</b>
1.	PERMANNENT RESEARCHER AT INSTITUTE FOR INFRASTRUCTURE ENGINEERING AND SUSTAINABLE MANAGEMENT (IIESM).	2018 - 2020	2 YRS
2.	FELLOW MEMBER RIG IRCDIP UNDER INSTITUTE FOR INFRASTRUCTURE ENGINEERING AND SUSTAINABLE MANAGEMENT (IIESM).	2013 - 2015	2 YRS
3.	PROFESSIONAL TECHNOLOGIST (Ts.)	2018	TO DATE
4.	GRADUATE MEMBER, BEM (GE24041A)	1995	TO DATE