



**Associate Prof Ir. Ts. Dr. Hajah
Norbaya Bt Haji Sidek**
Staf ID: 261506

**School of Civil Engineering, College of Engineering,
Universiti Teknologi MARA (UiTM) Shah Alam,
40450 Shah Alam, Selangor**

Qualification

- PhD in Civil Engineering, UiTM
- MSc. in Civil Engineering, UiTM
- B.Eng (Hons) in Civil Engineering, UTM
- Diploma in Civil Engineering, UTM

TEACHING AND POSTGRADUATE SUPERVISION

Teaching Subjects

Degree Program

- 1) Geotechnique
- 2) Soil Mechanic
- 3) Geotechnical Engineering
- 4) Highway Engineering

Master Program

- 1) Ground Stabilization
- 2) Advance Foundation Engineering
- 3) Advance Soil Mechanic

Postgraduate Supervision

COMPLETED

- 1) PhD = **2 (UiTM)**
- 2) Master Research = **1 (UNITEN)**
- 3) Master Dissertation = **8 (UiTM)**

ON-GOING

- 1) PhD = **2 (UiTM)**
- 2) Master Research= **2 (UiTM)**
- 3) Master Dissertation =**4(UiTM)**

LEADERSHIP & COMMUNITY SERVICES

Leadership:

- Head of Leadership and Student Development, College of Engineering UiTM (2022 – Current)
- Coordinator of Student Visibility and Sustainability, College of Engineering UiTM (2021-2022)
- Research Coordinator Post Graduate Office, Faculty of Civil Engineering, UiTM (2019-2021)

Community Services

- Parents and Teachers Association Sekolah Menengah Sains Tengku Abdullah (PIBG 2020 – current)
- Deputy Chairman Puspanita PSA Politeknik Sultan Salahuddin Abdul Aziz Shah (2021– current)
- SKTTDI Jaya PIBG Communication Bureau Committee (2021 – current)
- Technical and Promotion Committee – International Conference
- Committee - KUSES International Chess Competition
- Committee - Shah Alam Trees for Life organised by Majlis Bandaraya Shah Alam (MBSA)
- Committee - National Sports Day SKTTDI Jaya
- Committee - PPUM Blood Donation Program
- Active Member of RIG INCOME
- Advisor SULAM Program

RESEARCH & PUBLICATIONS

PUBLICATIONS :

Number of Research Book	1
Number of Chapter in Books	3
Number of Journals	21
Number of Proceedings	25
General Publication	13
H index Scopus	7
WOS	3
Google scholar Citation	11
	314

RESEARCH GRANTS :

FRGS	RM 66,450.00
DANA Kecemerlangan	RM 71,000.00
RAGS	RM 80,000.00
GIP	RM 25,000.00
JKR	RM 163,000.00
UNITEN GRANT	RM 20,000.00
OTHERS	RM 23,000.00
TOTAL	RM 448,450.00

CONSULTATIONS

Utilization Of Co2 in Producing Construction Materials	RM 542,194.24.00
Advance Performance Characterization Of Southern Premix	RM 9,540.00
Characterization Of Asphalt Performance Using SCB & Hamburgh Wheel Tracking Tests	RM 27,984.00
Advance Performance Of K2 Bitumen Mixes Using Simple Circular Bending & Hamburgh Wheel Tracking Test	RM 1,272.00
Site Work & Laboratory Testing-Pavement Coring	RM 2,190.00
Site Work & Laboratory Testing-Permata Seri Megah Sdn Bhd(Bitumen Content & Sieve Analysis)	RM 1,400.00
Mili &Pave 50mm (CMA) Di Jalan Bentong-Gua Musang. Laluan F08 Seksyen 30.00- 32.00 Daerah Raub, Pahang	RM 2,100.00
Workshop And Hands On Testing For Infrastructure Materials	RM 12,000.00

Research Expertise

- Advanced Soil Engineering, Ground Improvement, Soil Stabilization, Soil Remediation Works and Construction Material

Professional Membership

- Members of Board of Engineers Malaysia (BEM) (Reg no: 56222R) since August 2008
- Members of Technologies Specialist MBOT (Panel of Technologies Specialist since 2018) (PT18050217)
- Associate Members - International Association of Innovation Professionals (IAOIP) since 2020
- Member of Geotechnique, Construction Materials and Environment (GEOMATE) International Society Japan since 2018

INNOVATION AND IPR



INTELLECTUAL PROPERTY RIGHT



INTELLECTUAL
PROPERTY RIGHT
(IPR)

= 5

INNOVATION



SPECIAL AWARD

= 1



GOLD AWARD

= 8



SILVER AWARD

= 10



BRONZE AWARD

= 3

ACCOLADES & AWARDS

Anugerah Perkhidmatan Cemerlang (PSA)	2001
Anugerah Perkhidmatan Cemerlang (UiTM)	2011
Anugerah Perkhidmatan Cemerlang (UiTM)	2017
Anugerah Perkhidmatan Cemerlang (UiTM)	2023
Best Paper Award - Global Congress on Construction, Material and Structural Engineering	2024
Anugerah Akademik Universiti Peringkat KPK - Kategori Anugerah Inspirasi Kecemerlangan HEP	2023
Anugerah Inovasi & Inisiatif – BHEP UiTM	2022
Anugerah Petunjuk Prestasi – BHEP UiTM	2022
Best MOOC Science & Technology_ The Institute of Continuing Education & Professional Studies (ICEPS)	2021
Best MOOC Science & Technology ECG553 _KPK	2021
Best Blended Learning (Master Program ECG717)	2020
The Most Helpful Award – FCE UiTM	2019
Anugerah Staf Contoh – FCE UiTM	2018
Industry Accolades – Progrout Injection Sdn Bhd	2017
Best Paper Award INCIEC	2015
Best Manuscript ACCE Phuket	2014



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EXPERTISE

- **Reviewer** Of International Journal Of GEOMATE
- **Committee** - 11th Civil Engineering-World Conference 2024
- **Deputy Chairperson** New Program - Bachelor Of Engineering Technology (Construction Management)
- **Judges** For International Invention & Innovation Competition (INIIC) Series
- **Chaired a session** and Technical Committee for International Conference
- **PIC MOU** – UiTM & Local / International University
- **Panel Interview** for Technologies Specialist – MBOT
- **Head of Section** – Policy Maker for MBOT (National Level)
- **Academic Representative** for Civil Engineering Diploma Program, Polytechnic Malaysia
- **Head of Jury** - Engineering Mathematics, Science, Computer Exhibition & Innovation (EMSCEI)
- **Group Leader** – Developing of New Rubric for Ts Assessment – National Level
- **Chairperson** SRR Committee FCE (2017-2019)
- **Chairperson** OBE Committee FCE (2017-2019)
- **Chairperson** AKNC Committee FCE (2017-2019)
- **Chairperson** (PhD VIVA, FCE UiTM)
- **Panel FYP** Competition – UNITEN
- **Panel VIVA** PhD and Master by Research UiTM
- **Panel Dissertation** (ECD728/ECD737/ECD735) Post Graduate FCE
- **Panel Viva MSc By Research** – UTHM & UNITEN
- **Speaker** Malaysia Indonesia Seminar On Collaborative Research And Innovation
- **Speaker** Program Pemantapan Destini Siswa, College of Engineering
- **Speaker** Leadership Workshop (MPP & SMF KPK)
- **Speaker** For Final Year Student (FYP) FCE UiTM
- **Speaker** For Final Year Student (FYP) PSA
- **Speaker** :Webinar Pave Your Research Towards GOT (Post Graduate Student)
- **Resource Person** ECG553 & ECG717
- **Evaluator** of Final Exam Question for Diploma Program, UiTM Pasir Gudang (EC110) and UiTM Sarawak



RESEARCH PROFILE



Associate Prof Ir Ts Dr Hj Norbaya Bt Hj Sidek
Head Of Leadership and Student Development
College of Engineering
University Teknologi MARA, Shah Alam,
40450, Selangor

Email Address : norbayasidek@uitm.edu.my
norbayasidek@gmail.com

Google Scholar

<https://scholar.google.com/schhp?hl=en&authuser=1>

Scopus

<https://www.scopus.com/authid/detail.uri?authorId=55444818300>

PRIME | Portal for Research and Innovation Management

<https://prime.uitm.edu.my/publication/list-publication>

Academic Qualification:

- 1) Doctor of Philosophy (Civil Engineering), UiTM
- 2) Master of Science in Civil Engineering (Geotechnical Engineering), UiTM
- 3) Bachelor of Engineering (Hons) in Civil Engineering, UTM Skudai
- 4) Diploma in Civil Engineering, UTM Skudai

Supervision

Completed PhD	2 (UiTM)
Ongoing PhD	2 (UiTM)
Completed Master	1 (UNITEN)
Ongoing Master	2 (UiTM)
Completed Master Dissertation	8 (UiTM)

Areas of Interest:

Advanced Soil Engineering, Ground Improvement, Soil Stabilization, Soil Remediation Works, Construction Material

Publications:

Number of Research Book	= 1
Number of Chapter in Books	= 3
Number of Journals	= 21
Number of Proceedings	= 25
General Publication	= 13
TOTAL	= 63

Research Grants:

FRGS	= RM 66,450.00
DANA Kecemerlangan	= RM 71,000.00
RAGS	= RM 80,000.00
GIP	= RM 25,000.00
JKR	= RM 163,000.00
UNITEN GRANT	= RM 20,000.00
OTHERS	= RM 23,000.00
TOTAL	= RM 448,450.00

Consultations:

Utilization Of Co2 In Producing Construction Materials	= RM 542,194.24.00
Advance Performance Characterization Of Southern Premix	= RM 9,540.00
Characterization Of Asphalt Performance Using Scb & Hamburg Wheel Tracking Tests	= RM 27,984.00
Advance Performance Of K2 Bitumen Mixes Using Simple Circular Bending & Hamburg Wheel Tracking Test	= RM 1,272.00
Site Work & Laboratory Testing-Pavement Coring	= RM 2,190.00
Site Work & Laboratory Testing-Permata Seri Megah Sdn Bhd(Bitumen Content & Sieve Analysis)	= RM 1,400.00
Mill & Pave 50mm (Cma) Di Jalan Bentong-Gua Musang, Laluan Ft08 Seksyen 30.00-32.00 Daerah Raub, Pahang	= RM 2,100.00
Workshop And Hands On Testing For Infrastructure Materials	= RM 12,000.00
TOTAL	= RM 598,680.24



CURRICULUM VITAE



1. PERSONAL DETAILS

Name : NORBAYA BINTI HAJI SIDEK
UiTM ID : 261506
Gender : FEMALE
Race : MALAY
Mobile No. : 019-259 5782
Office No. : 03-55436446
Fax No. : 03-55435211
Address : School of Civil Engineering, UiTM Shah Alam, 40450 Shah Alam, Selangor DE
Email : norbayasidek@uitm.edu.my , norbayasidek@gmail.com
Date of Appointment : 03/08/2009
Date of Confirmation : 06/09/2011
Current Grade : DM54
Title of Position : ASSOCIATE PROFESSOR (DM 54)
Date of Appointment of Current Grade : 19/01/2024
Department/Division/Unit : SCHOOL OF CIVIL ENGINEERING. COLLEGE OF ENGINEERING



Google Scholar

<https://scholar.google.com/schhp?hl=en&authuser=1>

Scopus*

<https://www.scopus.com/authid/detail.uri?authorId=55444818300>

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<https://prime.uitm.edu.my/publication/list-publication>

2. ACADEMIC QUALIFICATIONS

No	QUALIFICATIONS OBTAINED	YEAR	INSTITUTION
1.	PhD IN CIVIL ENGINEERING	2018	UNIVERSITI TEKNOLOGI MARA (UiTM)
2.	MSC IN CIVIL ENGINEERING	2009	UNIVERSITI TEKNOLOGI MARA (UiTM)
3.	BACHELOR OF ENGINEERING (HONS) IN CIVIL ENGINEERING	2004	UNIVERSITI TEKNOLOGI MALAYSIA (UTM)
4.	DIPLOMA IN CIVIL ENGINEERING	1997	UNIVERSITI TEKNOLOGI MALAYSIA (UTM)

3. CURRENT PROFESSIONAL MEMBERSHIPS

No	QUALIFICATIONS OBTAINED	YEAR	INSTITUTION
1.	Members of Board of Engineers Malaysia Reg no: 56222R	SINCE AUGUST 2008	BEM
2.	Members of Technologies Specialist PT18050217	SINCE 2018	MBOT (Panel of Technologies Specialist since 2018)
3.	Associate Members - International Association of Innovation Professionals	SINCE 2020	IAOIP
4	Member of Geotechnique, Construction Materials and Environment (GEOMATE) International Society Japan	SINCE 2018	GEOMATE

4. TEACHING AND ADMINISTRATIVE RESPONSIBILITIES

No	RESPONSIBILITY	JOB DESCRIPTION	YEAR	MODULE/AREA/UNIT
1.	Head of Unit	Head of Leadership and Student Development, College of Engineering UiTM	2021 – to date	Student Affair Department, KPK UiTM
2	Research Coordinator	Head of Program By Research, Faculty of Civil Engineering UiTM	2019-2021	Post Graduate Office, Faculty of Civil Engineering, UiTM
3.	Associate Professor	Lecture and Administration	Jan 2024 - to date	Geotechnique, Soil Mechanics Advanced Soil Mechanics, Ground Stabilization, Advance Foundation Engineering, Geotechnical Engineering Highway Engineering
4.	Senior Lecturer	Lecture	2009-to date	Geotechnique, Soil Mechanics Advanced Soil Mechanics, Ground Stabilization, Advance Foundation Engineering, Geotechnical Highway Engineering
5.	Lecturer	Lecture	1997-2009	Geotechnique, Survey Engineering, Highway and Transportation, Project Management, Woodbase Tech.

5. WORKING EXPERIENCE

No	EMPLOYER	DESIGNATION	YEAR
1	UNIVERSITI TEKNOLOGI MARA	SENIOR LECTURER	OGOS 2009 - TO DATE (15 YEARS)
2	MINISTRY OF HIGHER EDUCATION (POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH)	LECTURER	JUN 1997 - OGOS 2009 (12 YEARS)
3	KI INTEGRATED CONSULTANTS SDN BHD	INDUSTRIAL ATTACHMENT	2005 (3 MONTHS)

6. EXPERTISE

No	ACTIVITY	VENUE	YEAR
1	EXTERNAL ADVISOR POST GRADUATE CIVIL ENGINEERING SEMINAR - UNIVERSITI NAROTAMA	ONLINE	JUN 2024
2	CHAIRPERSON VIVA SESSION PHD UiTM	ONLINE	JUN 2024
3	KEYNOTE SPEAKER - POST GRADUATE CIVIL ENGINEERING WORLD CONFERENCE - UNIVERSITI NAROTAMA	ONLINE	JUN 2024
4	PANEL INTERVIEW PERJAWATAN BARU STAF GEOTREN KOLEJ PENGAJIAN KEJURUTERAAN	BILIK AS SYAFIE, KPK	MEI 2024
5	PENULIS SELF REVIEW REPORT (AREA 2 TALENT AND RESOURCES) KPK	UITM SHAH ALAM	JAN - MAC 2024
6	COMMITTEE 11 th CIVIL ENGINEERING - WORLD CONFERENCE	KUALA LUMPUR	FEBRUARY 2024
7	VETTER KURSUS GEOTECHNIQUE - ECG553	UITM SHAH ALAM	MAC - SEPT 2024
8	RESOURCE PERSON - KURSUS GROUND IMPROVEMENT TECHNIQUE - ECG735	UITM SHAH ALAM	JAN 2024 - FEB 2026
9	PENCERAMAH PROGRAM PEMANTAPAN DESTINI SISWA	ONLINE	MAC 2024
10	PENCERAMAH PROGRAM PEMANTAPAN ORGANISASI PERSATUAN (KPOP)	ONLINE	MAC 2024
11	SECOND EXAMINER KURSUS SOIL MECHANICS - ECG426	UITM SHAH ALAM	MAC - OGOS 2024
12	SECOND EXAMINER KURSUS PAVEMENT ENGINEERING - ECG573	UITM SHAH ALAM	MAC - OGOS 2024
13	AHLI JAWATANKUASA KURIKULUM KOLEJ PENGAJIAN KEJURUTERAAN	UITM SHAH ALAM	1 OGOS 2022 - 31 JULAI 2024
14	PENULIS AKNC 2023 (KRITERA KEPIMPINAN)	UITM SHAH ALAM	MAC - JULAI 2023
15	VISITING LECTURER - UNIVERSITAS NAROTAMA, UWKS SURABAYA, POLINEMA MALANG	SURABAYA, INDONESIA	SEPTEMBER 2023

16	SPEAKER – MALAYSIA INDONESIA SEMINAR ON COLLABORATIVE RESEARCH AND INNOVATION	UiTM SHAH ALAM	MARCH 2023
17	PANEL DISERTASI (ECD728/ECD737/ECD735) SESI OKT 2022-FEB 2023 PROGRAM PASCA SISWAZAH (KERJA KHUSUS)	UITM SHAH ALAM	JAN 2023
18	SPEAKER PROGRAM PEMANTAPAN DESTINI SISWA	UITM SHAH ALAM	MARCH 2023
19	SPEAKER KURSUS KEPIMPINAN MPP & SMF	UiTM SHAH ALAM	APRIL 2023
20	RESOURCE PERSON ECG553	UiTM SHAH ALAM	2022 - 2023
21	RESOURCE PERSON ECG717	UiTM SHAH ALAM	2022 - 2023
22	REVIEWER OF INTERNATIONAL JOURNAL OF GEOMATE	INTERNATIONAL JOURNAL OF GEOMATE	2021-2023
23	SPEAKER FOR FINAL YEAR STUDENT (FYP)	POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH	2022
24	PANEL INTERVIEW FOR TECHNOLOGIES SPECIALIST	MBOT	2018 TO DATE
25	HEAD OF SECTION -POLICY MAKER FOR MBOT (NATIONAL LEVEL)	W HOTEL	2022
26	KETUA SEKSYEN – BENGKEL PEMURNIAN PENAMBAHBAIKAN KAEDAH PENILAIAN PROFESIONAL TEKNOLOGIS MALAYSIA	EVERLY HOTEL PUTRAJAYA	2022
27	PENCERAMAH PROGRAM KECEMERLANGAN PELAJAR SEKOLAH BERASRAMA PENUH	SEKOLAH MENENGAH SAINS TENGKU ABDULLAH	2021
28	KETUA JURI PROGRAM ENGINEERING MATHEMATICS,SCIENCE,COMPUTER EXHIBITION & INNOVATION (EMSCEI) 2020	DEWAN AL-JAZARI,PSA	27 FEBRUARI 2020
29	PENCATAT MINIT PEPERIKSAAN LISAN (VIVA) & JEMPUTAN MENGHADIRI PEPERIKSAAN LISAN (VIVA) CALON IJAZAH KEDOKTORAN	GOOGLE MEET	29 APRIL 2020
30	PIC MOU-UITM & LOCAL/INTERNATIONAL UNIVERSITY	UiTM	2019 & 2021
31	PENGERUSI PEPERIKSAAN LISAN (VIVA) & JEMPUTAN MENGHADIRI PEPERIKSAAN LISAN (VIVA) CALON IJAZAH SARJANA	BILIK VIVA IBNU SINA UITM SHAH ALAM	5 DISEMBER 2019
32	PENCATAT MINIT PEPERIKSAAN LISAN (VIVA)	GOOGLE MEET	29 APRIL 2020
33	PENCERAMAH WEBINAR <i>PAVE YOUR RESEARCH TOWARDS</i> GoT UNTUK PELAJAR SISWAZAH FAKULTI KEJURUTERAAN AWAM UITM SHAH ALAM	GOOGLE MEET	8 JULAI 2020
34	PENGERUSI SESI VIVA PELAJAR IJAZAH SARJANA	BILIK VIVA IBNU SINA UITM SHAH ALAM	5 DISEMBER 2020
35	AHLI JAWATANKUASA BAGI PENUBUHAN PROGRAM BACHELOR OF ENGINEERING TECHNOLOGY (CONSTRUCTION MANAGEMENT)	FAKULTI KEJURUTERAAN AWAM UITM PAHANG,KAMPUS JENGKA	2 JANUARI 2020 – 31 DISEMBER 2021
36	PENILAI DAN PENYUNTING BAHASA BAGI BENGKEL "VETTING" KERTAS SOALAN PEPERIKSAAN AKHIR DIPLOMA (EC110)	FAKULTI KEJURUTERAAN AWAM UITM PASIR GUDANG	4 FEBRUARI 2020- 6 FEBRUARI 2020

37	PELANTIKAN SEBAGAI PENYELIA UTAMA CALON IJAZAH KEDOKTORAN UITM	FAKULTI KEJURUTERAAN AWAM	13 JULAI 2020
38	PANEL PENILAI (JURI) PERTANDINGAN PROJEK MINI SAINS, PROGRAM ENGINEERING MATHEMATICS SCIENCE AND COMPUTER, EXHIBITION & INNOVATION 2020	POLITEKNIK SULTAN SALAHUDDIN ABDUL AZIZ SHAH	27 FEBRUARI 2020
39	PANEL TEMUDUGA PROGRAM HADIAH LATIHAN PERSEKUTUAN DAN CUTI BELAJAR BERGAJI PENUH TANPA BIASISWA JPA SESI 2020	JABATAN PERKHIDMATAN AWAM	23 & 25 JULAI 2019
40	PANEL TEMUDUGA HLP	SPA	23/07/2019-25/07/2019
41	PENYEMAK KERTAS SOALAN IJAZAH SARJANA MUDA (EC220)	FKA / UITM	17 FEBUARI 2020- 19 FEBUARI 2020
42	PANEL PENILAI BAGI DISERTASI (AMT709/ECD734)	FKA / UITM	SESI (SEPT 2019-JANUARI 2020)
43	PANEL PENILAI BAGI DISERTASI (ECD728 & ECD737)	FKA / UITM	SESI (SEPT 2019 JAN2020)
44	PANEL PENILAI BAGI DISERTASI (AMT709/ECD734)	FKA / UITM	SESI (MAC 2019-JULAI 2019)
45	PANEL PENILAI BAGI DISERTASI (ECD728 & ECD737)	FKA / UITM	SESI (MAC 2019-JULAI 2019)
46	PANEL PENILAI BAGI DISERTASI (ECD728 & ECD737)	FKA / UITM	SESI (SEPT 2018-JAN 2019)
47	PANEL PENILAI BAGI DISERTASI (AMT709/ECD734)	FKA / UITM	SESI (SEPT 2018-JAN 2019)
48	PANEL PENILAI BAGI DISERTASI (ECD728 & ECD737)	FKA / UITM	SESI (SEPT 2017-JANUARI 2018)
49	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2019 – JANUARI 2020)
50	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2019 – JANUARI 2020)
51	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2019-JULAI 2019)
52	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2019-JULAI 2019)
53	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2018 – JAN 2018)

54	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2018 – JANUARI 2018)
55	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2018 – JULAI 2018)
56	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2018-JULAI 2018)
57	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2017-JANUARI 2018)
58	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2017-JANUARI 2018)
59	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2017 – JULAI 2017)
60	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2017 – JULAI 2017)
61	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2016- JAN17)
62	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2017 – JULAI 2017)
63	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2016 – JULAI 2016)
64	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (MAC 2016 – JULAI 2016)
65	PANEL PENILAI BAGI FYP1 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2015– JAN 2016)
66	PANEL PENILAI BAGI FYP2 (ECC588/ECW521)	FKA / UITM	SESI (SEPT 2015– JANUARI 2016)
67	PEMERIKSA KEDUA PROGRAM EC220	FKA / UITM	SESI (SEPT 2019-JANUARI 2020)
68	PEMERIKSA KEDUA PROGRAM EC220	FKA / UITM	SESI (MAC 2019-JULAI 2019)
69	PEMERIKSA KEDUA PROGRAM EC220	FKA / UITM	SESI (SEPT 2018- DISEMBER 2018)
70	PEMERIKSA KEDUA PROGRAM EC220	FKA / UITM	SESI (MAC 2016-JULAI 2016)
71	PENYELIA LATIHAN INDUSTRI FAKULTI KEJURUTERAAN AWAM, UITM	FKA / UITM	SESI (JULAI 2019- SEPTEMBER 2019)

72	PENYELIA LATIHAN INDUSTRI FAKULTI KEJURUTERAAN AWAM, UITM	FKA / UITM	SESI (JULAI 2018- SEPTEMBER 2018)
73	PENYELIA LATIHAN INDUSTRI FAKULTI KEJURUTERAAN AWAM, UITM	FKA / UITM	SESI (JULAI 2016-SEPT 2016)
74	PENYELIA LATIHAN INDUSTRI FAKULTI KEJURUTERAAN AWAM, UITM	FKA / UITM	SESI (JULAI 2015- SEPTEMBER 2015)
75	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	17 FEBUARI 2020- 19 FEBUARI 2020
76	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	28 OGOS 2019- 30 OGOS 2019
77	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	20 FEB-OGOS 2009
78	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	27 OGOS 2018- 3- OGOS 2018
79	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	26 FEBUARI 2018- 1 MAC 2018
80	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	5 SEPTEMBER 2017-8 SEPTEMBER 2017
81	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	27 FEBUARI 2017- 2 MAC 2017
82	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	22 OGOS 2016- 25 OGOS 2016
83	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	23 FEBUARI 2016- 25 FEBUARI 2016
84	PENYEDIA KERTAS SOALAN PEPERIKSAAN BIDANG GEOTREN	FKA / UITM	27 FEBUARI 2016- 2 MAC 2016
85	PENYELIA LATIHAN INDUSTRI FAKULTI KEJURUTERAAN AWAM, UITM	FKA / UITM	SESI (JULAI 2018- SEPTEMBER 2018)
86	PENYELIA LATIHAN INDUSTRI FAKULTI KEJURUTERAAN AWAM, UITM	FKA / UITM	SESI (JULAI 2016-SEPT 2016)
87	SPEAKER ONE-DAY "OBE REFRESHER WORKSHOP"	FKA / UiTM	21 MARCH 2019
88	PENCERAMAH BUILDING SERVICES PROJECT 1	POLITEKNIK SULTAN SALEHUDDIN ABDUL AZIZ SHAH	14 FEBRUARI 2019
89	EDITOR/REVIEWER OF INTERNATIONAL JOURNAL OF GEOMATE	INTERNATIONAL JOURNAL OF GEOMATE	15 APRIL 2019

90	PENCATAT MINIT PEPERIKSAAN (VIVA) DAN JEMPUTAN UNTUK MENGHADIRI PEPERIKSAAN LISAN (VIVA) CALON IJAZAH KEDOKTORAN	BILIK VIVA IBNU SINA UITM SHAH ALAM	17 MEI 2019
91	PANEL PEMBENTANGAN PENYELIDIKAN AMT709/ECD734 SESI MAC-JULAI 2019 PROGRAM PASCA SISWAZAH (KERJA KHUSUS)	UITM SHAH ALAM	SESI MAC-JULAI 2019
92	PANEL DISERTASI (ECD728/ECD737) SESI MAC-JULAI 2019 PROGRAM PASCA SISWAZAH (KERJA KHUSUS)	UITM SHAH ALAM	21 MEI 2019
93	PENCERAMAH KHUSUS DCB 5171 PROJECT 1	DEWAN KULIAH AWAM, POLITEKNIK SULTAN SALEHUDDIN ABDUL AZIZ SHAH	11 FEBRUARI 2019
94	PANEL BAGI DEFENCE OF RESEARCH PROPOSAL (DRP) PELAJAR PASCA SISWAZAH	UITM SHAH ALAM	SESI OGOS 2019
95	PANEL DISERTASI (ECD728/ECD737/ECD735) SESI SEPT 2019-JAN 2020 PROGRAM PASCA SISWAZAH (KERJA KHUSUS)	UITM SHAH ALAM	SESI SEPT 2019-JAN 2020
96	ESEI 2020 – HEAD OF JURY	POLITEKNIK SHAH ALAM	2020
97	ESEI 2019 - JURY	POLITEKNIK SHAH ALAM	2019
98	PANEL FOR FYP PRESENTATION UNITEN	UNITEN	2018
99	JURY FOR INTERNATIONAL INVENTION & INNOVATION COMPETITION (INIIC) SERIES 2/2016	PUTERI BEACH RESORT, PORT DICKSON, NEGERI SEMBILAN	2016
100	PANEL FOR CIVIL ENGINEERING FINAL YEAR PROJECT	POLITEKNIK SABAK BERNAM	2016

7. CONFERENCES, WORKSHOP, SEMINAR AND TRAINING ATTENDED

No	CONFERENCE / TRAINING	VENUE	YEAR
1	SUSTAINABILITY LEADERSHIP	ILD ENSTEK	2024
2	PROFESSORIAL LECTURE PROF WARDAH	HOTEL UITM	2024
3	10 th CIVIL ENGINEERING WORLD CONFERENCE	KUALA LUMPUR	2024
4	BENGKEL TRAINING OF TRAINERS (TOT) MODUL ASPIRASI UTAMA	UITM	2024
5	STAF MOBILITY PROGRAM UiTM AND TECHNICAL UNIVERSITY OF VIENNA	TECHNICAL UNIVERSITY OF VIENNA, AUSTRIA	2023
6	BENGKEL KERJASAMA MALAYSIA - INDO	UITM SHAH ALAM	2023
7	MAJLIS PENUTUP “UITM HEALTH COMPETITION- RAISING AWARENESS - ICAN KPK	HOSPITAL AL-SULTAN ABDULLAH, UITM PUNCAK ALAM	2023
8	MAJLIS AMANAT PENOLONG NAIB CANSELOR KOLEJ PENGAJIAN KEJURUTERAAN 2023	DEWAN AL-JAZARI ARAS 6, MENARA 1 KOLEJ PENGAJIAN KEJURUTERAAN	2023
9	AMANAT NAIB CANSELOR 2023: KEBOLEHPASARAN GLOBAL	YOUTUBE LIVE UITM CHANNEL	2023

10	MAJLIS PERUTUSAN TAHUN BARU 2023 BERSAMA MENTERI PENGAJIAN TINGGI	DEWAN ANJUNG SERI BUDIMAN	2023
11	BENGKEL PERANCANGAN STRATEGIK KOLEJ PENGAJIAN KEJURUTERAAN DISEMBER 2022 ANJURAN: UNIT KUALITI DAN STRATEGIK	AVILLION ADMIRAL COVE, PORT DICKSON , NEGERI SEMBILAN	2022
12	BENGKEL PENYEDIAAN MODUL PEMBANGUNAN GRADUAN HOLISTIK ANJURAN BHG. HEP KOLEJ PENGAJIAN KEJURUTERAAN (DAY 2)	HOTEL UITM	2022
13	BENGKEL PENYEDIAAN MODUL PEMBANGUNAN GRADUAN HOLISTIK ANJURAN BHG. HEP KOLEJ PENGAJIAN KEJURUTERAAN (DAY 1)	HOTEL UITM SHAH ALAM	2022
14	TAKLIMAT PENGGUNAAN APLIKASI SISTEM E-AKTIVITI ANJURAN PUSAT KEGIATAN PELAJAR, BAHAGIAN HEP UITM SHAH ALAM	SECARA DALAM TALIAN	2022
15	PROGRAM CERAMAH AKTA 605, CAKNAKAH KITA? (2.00PM-5.00PM)	DEWAN KULIAH C KOLEJ PENGAJIAN KEJURUTERAAN.	2022
16	PROFESSORIAL LECTURE PROF HJH HAMIDAH MOHD SAMAN "THE FUTURE & WONDERS OF FLOATING & LIVING CONCRETES" (2.15PM-5.15PM)	ONLINE & HYBRID PLATFORM	2022
17	PROGRAM JOM SIHAT ANJURAN HAL EHWAL PELAJAR KOLEJ PENGAJIAN KEJURUTERAAN (8.00AM-11.00AM)	GELANGGANG BOLA TAMPAR, PUSAT SUKAN UITM SHAH ALAM	2022
18	SESI BUAK BICARA BERSAMA KETUA PENTADBIRAN KOLEJ PENGAJIAN KEJURUTERAAN (2.30PM-5.00PM)	DEWAN KULIAH C	2022
19	BENGKEL PEMERKASAAN PENGGUNAAN U-FUTURE (MODUL 2 - PENILAIAN & KERJA KURSUS)-(10.00AM-12.00TGH)	ONLINE PLATFORM	2022
20	BENGKEL PEMERKASAAN PENGGUNAAN U-FUTURE (MODUL 1-KEHADIRAN PELAJAR)-(10.00AM-12.00TGH)	ONLINE PLATFORM	2022
21	SESI BUAL BICARA BERSAMA DEKAN PENYELIDIKAN DAN INOVASI (2.30PM-5.00PM)	ONLINE PLATFORM	2022
22	PROGRAM JELAJAH FAKULTI ANJURAN PUSAT KEBUDAYAAN HEP	GOOGLE MEET	2022
23	PROGRAM IKRAR BEBAS RASUAH BERSAMA SPRM ANJURAN UNIT KUALITI & STRATEGIK (9.00AM-1.00PTG)	ONLINE PLATFORM	2022
24	PROGRAM HIBRID : PANDUAN MENULIS ARTIKEL MEDIA	DEWAN KULIAH 1, MASMED	2022
25	BENGKEL PERSEDIAAN KERTAS SOALAN PEPERIKSAAN PENGAJIAN KEJURUTERAAN AWAM (8.00 PAGI - 5.00 PETANG)	ONLINE	2022
26	BENGKEL PERSEDIAAN KERTAS SOALAN PEPERIKSAAN PKA (8.00AM-5.00PM)		2022

27	PORTAL FOR RESEARCH AND INNOVATION MANAGEMENT (PRIME) - WEBINAR PENYELIDIKAN (10.00 AM-12.00 TGH)	WEBEX/ONLINE	2022
28	SESI BUAL BICARA BERSAMA DEKAN JARINGAN INDUSTRI, KOMUNITI DAN ALUMNI (ICAN) (10.00AM-12.00TGH)	HTTPS://WWW.YOUTUBE.COM/WATCH?V=MNE0E4U3BY8	2022
29	SESI BUAL BICARA DEKAN AKADEMIK DAN ANTARABANGSA BERSAMA WARGA KPK (10.00AM-12.00TGH)	ONLINE PLATFORM/WEBEX	2022
30	AMANAT PENOLONG NAIB CANSELOR KPK BERSAMA WARGA (AMANAT TAHUN BAHARU 2022)	WEBEX UITM	2022
31	AMANAT NAIB CANSELOR 2022	YOUTUBE LIVE	2022
32	BENGKEL PERANCANGAN STRATEGIK KOLEJ PENGAJIAN KEJURUTERAAN (8.00AM-5.00PM)	MENARA 1, BILIK KULIAH ARAS 9, BLOCK	2022
33	LEADERS OF CHANGE: THE POWER OF VALUES IN LEADERSHIP	ONLINE WEBINAR	2021
34	AMANAT VC 2021	YOUTUBE LIVE	2021
35	QUALITY IN HIGHER EDUCATION	ILD ENSTEK	2020
36	BENGKEL PENSTRUKTURAN FAKULTI KEJURUTERAAN AWAM (12 JAM)	HALAMAN@INTEKMA, SHAH ALAM	2020
37	PROGRAM JELAJAH UHI 2.0 (UNIVERSITI HAPINESS INDEX) KE FAKULTI KEJURUTERAAN AWAM	DEWAN PEPERIKSAAN LEVEL 6 BLOK 1	2020
38	BENGKEL PENULISAN PENYELIA (SUPERVISOR) FYP2 & DISSERTATION (6 JAM)	BILIK SERBAGUNA , ARAS 7, FKA UITM SHAH ALAM	2020
35	BENGKEL PENYEDIAAN DAN PENILAIAN KERTAS SOALAN PEPERIKSAAN AKHIR PROGRAM DIPLOMA KEJURUTERAAN AWAM	UITM CAWANGAN JOHOR, KAMPUS PASIR GUDANG	2020
39	BENGKEL SEMAKAN KURIKULUM BAGI KURIKULUM 2021 (13 JAM)	B2-A7-22	2020
40	BENGKEL PENYEDIAAN KERTAS SOALAN PEPERIKSAAN (PKSP) AKHIR JUN 2020	B2-A7-22	2020
41	AMANAT NAIB CANSELOR 2020	DATC	2020
42	TAKLIMAT JOM INTEGRITI FAKULTI KEJURUTERAAN AWAM	DEWAN SERBAGUNA ARAS 7, FKA	2020
43	NC BERSAMA WARGA (APRIL 2020)	YOUTUBE LIVE	2020
44	TAKLIMAT DEKAN KEPADA STAF FKA SECARA ONLINE	TAKLIMAT ATAS TALIAN	2020
45	SERIES 3: KEY CHALLENGES & IMPACT OF THE COVID-19 PANDEMIC ON PUBLIC TRANSPORT	GMEET	2020
46	NC BERSAMA WARGA (JUN 2020)	YOUTUBE LIVE	2020
47	BENGKEL PENUBUHAN PROGRAM BACHELOR OF ENGINEERING TECHNOLOGY (CONSTRUCTION) FAKULTI KEJURUTERAAN AWAM - 15 JULAI 2020	HOTEL UITM	2020

48	ACADEMIC VIRTUAL TOWNHALL: USHERING INTO A NEW SEMESTER: FOSTERING SAFE, RESPONSIVE AND ACCOUNTABILITY TEACHING & LEARNING	CISCO WEBEX & FB LIVE STREAMING	2020
49	BENGKEL PERMURNIAN SEMAKAN KURIKULUM EC2020 BAGI TAHUN 2021 - 2024 DAN TAKLIMAT PERJALANAN PENGAJARAN DAN PEMBELAJARAN (P&P) SEMESTER OKT 2020 - FEB 2021	HOTEL IBIS, MELAKA	2020
50	MAJLIS SYARAHAN PROFESOR PROF DR ZAKIAH AHMAD	HOTEL UITM	2020
51	NAIB CANSELOR BERSAMA WARGA (OKTOBER 2020)	YOUTUBE LIVE	2020
52	Bengkel Pembangunan Program Baharu dan Penyediaan Dokumen IQA-01	ILD Enstek	2019
53	Seminar National Outcome-Based Education (NOBLE)	ILD Enstek	2019
54	PEMBENTANGAN FINALIS KECEMERLANGAN OPERASI 2019	AUDITORIUM PTAR 2	2019
55	MAJLIS KEMUNCAK INOVASI 2019	DATC, UITM SHAH ALAM	2019
56	SESI PEMBENTANGAN AKHIR AKNC 2019	DEWAN BESTARI, HALAMAN SHAH ALAM, INTEKMA RESORT	2019
57	BENGKEL I-RAS FAKULTI KEJURUTERAAN AWAM (10 JAM)	BILIK SEMINAR AL JAZARI ARAS 6 FAKULTI KEJURUTERAAN AWAM	2019
58	PUBLISH & FLOURISH WRITING RETREAT 2	AVILLION ADMIRAL COVE PORT DICKSON	2019
59	WORKSHOP FOR DEVELOPING COURSE ASSIGNMENT / PROJECT QUESTION & CP	BILIK SEMINAR AL JAZARI ARAS 6	2019
60	SESI TAKLIMAT MENUKAR TESIS KE BUKU	AUDITORIUM ARAS 6 FAKULTI KEJURUTERAAN AWAM	2019
61	WRITING RETREAT BUKU FKA 2019 (WRBF 2019)	COLMAR TROPICALE BERJAYA HILL BUKIT TINGGI PAHANG	2019
62	MAJLIS SAMBUTAN & PELANCARAN BULAN KEMERDEKAAN	DEWAN AGUNG TUANKU CANSELOR	2019
63	CERAMAH KESEDARAN PENCEGAHAN KEBAKARAN	BILIK SEMINAR AL JAZARI ARAS 6	2019
64	KONFERENSI AKADEMIK UITM 2019	DEWAN AGUNG TUANKU CANSELOR (DATC), UITM SHAH ALAM	2019
65	MAJLIS AMANAT DEKAN SESI 1	DEWAN KULIAH A ARAS 6 FAKULTI KEJURUTERAAN AWAM	2019
66	SESI KHAS BERSAMA TIMBALAN DEKAN PENYELIDIKAN & JARINGAN INDUSTRI FKA	BILIK SEMINAR AL JAZARI ARAS 6 FKA	2019

67	RESEARCH PRODUCT - MARKETING & PROMOTIONS STRATEGIES	AUDITORIUM ARAS 6 FKA	2019
68	LATIHAN PENULISAN LAPORAN AKNC (DAY 2)	DEWAN SEMINAR MAWAR KASIH	2019
69	TAKLIMAT KRITERIA AKNC 2019	DEWAN SEMINAR MELATI PERAK, KOLEJ MELATI, UITM SHAH ALAM	2019
70	TEACH WRITE & FLOURISH WORKSHOP	BILIK AUDITORIUM ARAS 6 FKA	2019
71	AMANAT TAHUN BARU NAIB CANSELOR 2019	DEWAN AGUNG TUANKU CANSELOR	2019
72	BENGKEL PERSEDIAAN KERTAS SOALAN PEPERIKSAAN (PKSP) AKHIR JUN 2019 (14 JAM)	BILIK CDIO & IDP ARAS 7	2019
73	BENGKEL PENULISAN "SELF REVIEW REPORT" 2018 FAKULTI KEJURUTERAAN AWAM	BILIK SEMINAR AL JAZARI ARAS 6 FKA	2019
74	HARI PRISMA & MYRA FKA	BILIK KOMPUTER 1,FKA	2019
75	SESI PERKONGSIAN PENGALAMAN PERANCANGAN DAN PENYEDIAAN PROPOSAL GERAN ERASMUS	BILIK SEMINAR AL JAZARI	2018
76	PEMBENTANGAN AKHIR AKNC	DEWAN KULIAH500, UITM PUNCAK ALAM	2018
77	PROGRAM MINI KONVENSYEN KIK ZON TENGAH DI ILD BANDAR ENSTEK	ILD BANDAR ENSTEK NEGERI SEMBILAN	2018
78	TAKLIMAT MOOC & KEUSAHAWANAN DAN BENGKEL PENYEDIAAN KERTAS SOALAN PEPERIKSAAN DISEMBER 2018	FAKULTI KEJURUTERAAN AWAM	2018
79	BENGKEL PENULISAN KERTAS PENYELIDIKAN SIR8	DEWAN SRI BUDIAN, UITM	2018
80	MAJLIS PELANCARAN MINI KONVENSYEN KUMPULAN INOVATIF & KREATIF (KIK) ZON TGH	DEWAN SEMINAR OIA	2018
81	EXPERIENTIAL SHARING SESSION ON IR 4.0 AND 4.0 OLEH PROF SR.IR.DR SUHAIMI ABDUL TALIB	AUDITORIUM APB	2018
82	ASSESSMENT TOOLS/PCM/CQI WORKSHOP FAKULTI KEJURUTERAAN AWAM (6 JAM)	BILIK PEPERIKSAAN B2-A7-22 FAKULTI KEJURUTERAAN AWAM	2018
83	TAKLIMAT AKNC (FAKULTI)	DEWAN SEMINAR MELATI PERAK, KOLEJ MELATI, UITM	2018
84	BENGKEL REFRESHER OBE COURSE FAKULTI KEJURUTERAAN AWAM	BILIK SEMINAR AL JAZARI ARAS 6	2018
85	BENGKEL PERSEDIAAN KERTAS SOALAN PEPERIKSAAN (PKSP) AKHIR JUN 2018 (21 JAM)	BILIK CDIO & IDP BLOK 2 ARAS 7 FKA	2018
86	SESI PERKONGSIAN ILMU PERMOHONAN PEROLEHAN GERAN PENYELIDIKAN (PRGS & FRGS) & BENGKEL PENYEDIAAN KERTAS CADANGAN PENYELIDIKAN	AL JAZARI FKA	2018

87	AMANAT TAHUN BAHARU NAIB CANSELOR 2018	DATC	2018
88	TAKLIMAT KPI STAF AKADEMIK PENERAFAN QS & PEMBUDAYAAN PENULISAN	INTEKMA RESORT, SHAH ALAM, SELANGOR	2018
89	BENGKEL PERANCANGAN STRATEGIK (2016 - 2020) DAN PENETAPAN KPI STAF 2018 (21 JAM)	INTEKMA RESORT, SHAH ALAM, SELANGOR	2018
90	BENGKEL PENGUBALAN SOALAN PKSP	BILIK CDIO, FKA, SHAH ALAM, SELANGOR	2018
91	BENGKEL PENULISAN KERTAS PENYELIDIKAN ANJURAN INQKA & IRMI	DEWAN ANNEX	2017
92	TAKLIMAT CORE GSTD	AL JAZARI, FKA,UITM SHAH ALAM, SELANGOR	2017
93	SEOUL INTERNATIONAL INVENTION FAIR	SEOUL, KOREA SELATAN	2017
94	2017 IEEE INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL AND INTELLIGENT SYSTEMS (I2CACIS2017)	KOTA KINABALU, SABAH, MALAYSIA	2017
95	HARI ENTITI KECEMERLANGAN UITM	SHAH ALAM, SELANGOR	2017
96	CONFERENCE I2CACIST	KOTA KINABALU, SABAH	2017
97	BENGKEL PKSP	SHAH ALAM, SELANGOR	2017
98	SEMINAR THE TEACHING OF SOIL MECHANICS	FKA, UITM SHAH ALAM, SELANGOR	2017
99	SEMINAR LANDSLIDE AND ENGINEERING MECHANICS OF SOIL NAILING	FKA, UITM SHAH ALAM, SELANGOR	2017
100	SEMINAR ON BIOGEOTECHNICS	FKA, UITM SHAH ALAM, SELANGOR	2017
101	TAKLIMAT MYRA UITM	DEWAN SRI BUDIMAN, SHAH ALAM, SELANGOR	2017
102	SHARING SESSION MAY 2017	AL KHAWARIZMI, UITM	2017
103	PROGRAM KELESTARIAN UITM DAN NEGARA	DKE, UITM SHAH ALAM, SELANGOR	2017
104	SHARING SESSION APRIL, 2017	BILIK MESYUARAT AL KHAWARIZMI, SHAH ALAM, SELANGOR	2017
105	BENGKEL PENULISAN JURNAL BERIMPAK TINGGI	AL JAZARI, FKA,UITM SHAH ALAM, SELANGOR	2017
106	BENGKEL PENYEDIAAN MOOC	MAKMAL KOMPUTER, ARAS 5, SHAH ALAM, SELANGOR	2017
107	TAKLIMAT AKNC	AUDITORIUM PTAR 2, UITM, SHAH ALAM, SELANGOR	2017
108	SHARING SESSION MAC 2017	BILIK MESYUARAT AL KHAWARIZMI, SHAH ALAM, SELANGOR	2017
109	MAJLIS AMANAT TNCA DAN KOFERENSI AKADEMIK UITM	DATC, UITM SHAH ALAM, SELANGOR	2017

110	AMANAT TAHUN BARU NC	DATC, UITM SHAH ALAM, SHAH ALAM, SELANGOR	2017
111	2016 IEEE INTERNATIONAL CONFERENCE ON AUTOMATIC CONTROL AND INTELLIGENT SYSTEMS (I2CACIS2016	SELANGOR, MALAYSIA	2016
112	SEMINAR ROUTE TO PROFESSIONAL ENGINEER	AL JAZARI, UITM SHAH ALAM, SELANGOR	2016
113	MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION	TAMING SARI HALL, MELAKA	2016
114	PROGRAM TEAM BUILDING FKA	KEM PLKN JUGRA, BANTING, SELANGOR	2016
115	FACULTY PROGRAMME AND SOARING UPWARDS	DATC, UITM SHAH ALAM, SHAH ALAM, SEL	2016
116	BENGKEL SEMAKAN DOKUMEN AKNC 2016	AL JAZARI, UITM SHAH ALAM, SELANGOR	2016
117	MAJLIS 100 HARI PENTADBIRAN NC DAN KOFERENSI AKADEMIK 2016	DATC, UITM SHAH ALAM, SELANGOR	2016
118	PROGRAM CINTA ILMU	LOUNGE AL ZAHRAWI, FKA, SHAH ALAM, SELANGOR	2016
119	8 TH INTERNATIONAL CONFERENCE ON RESEARCHES IN ENGINEERING, TECHNOLOGY AND SCIENCE (ICRETS) 2015, YILDIZ TECHNICAL UNIVERSITY, ISTANBUL, TURKEY	ISTANBUL, TURKEY	2015
120	3RD INTERNATIONAL CIVIL AND INFRASTRUCTURE ENGINEERING CONFERENCE"	SELANGOR, MALAYSIA	2015
121	INTERNATIONAL INTERGRATED ENGINEERING SUMMIT(DEC 1-4 2014)	JOHOR, MALAYSIA	2014
122	ANNUAL CONFERENCE ON CIVIL ENGINEERING AND ENGINEERING (MARCH 14-16 2014 PHUKET	PHUKET, THAILAND	2014

8. RESEARCH AND PUBLICATIONS

No	ACTIVITY	REMARKS	YEAR
1	The Comparison Between The Strength Of Stabilized Cement Clay Columns And Remolded Cement Clay Samples	Journal of Innovation & Technology	2024
2	Performance of Kenaf for Landfill Liner System Improvement	Journal Matematics & Information Science	2024
3	Effect of Compaction for Marine Clay and Pressmud to Enhance Clay Liner	Journal	2024
4	Effect of Adding Waste Shredded Rubber Tyre on the Shear Strength Properties of Clay Soil	E Book - SpringerLink	2023
5	Coconut Shell Ash (CSA) as the Stabilizer for Soft Soil treatment	Chapter in Book _Advances in Science and Technology	2023
6	Predicting the Compaction Characteristics for Malaysian Sedimentary Residual Soil Mixed Bentonite as Compacted Soil Liner by Regression	Chapter in Book _Advances in Science and Technology	2023

	Model		
7	Evaluation Performance of Polyurethane (PU) and Concrete Foam as Filler for Road Embankment_ A Soft Soil Treatment Solution	JOURNAL	2022
8	Smart Monitoring and Warning Landslide System using Internet of Things (2)	JOURNAL	2022
9	The Effect of Plastic Waste as Soil Stabilizer	JOURNAL	2022
10	Landslide-Based Early Warning using Wi-Fi and LoRa Technology	JOURNAL	2022
11	Student Attainment Measurement System in Civil Engineering Undergraduate Programme-A Satisfaction Survey	JOURNAL	2021
12	Comparative Study In Method Of Compaction By Consolidated Drained And Direct Shear Test	JOURNAL	2021
13	Lightweight Slag, PFA Column A New Soft Ground Improvement Method	JOURNAL	2021
14	Physical Properties And Shear Strength Of Boiler Slag	JOURNAL	2020
15	RESEARCH BOOK : Soil Improvement Using Polyurethane (PU) – Norbaya Sidek, M.Hafez, Rahayu Che Omar	AMAZON PUBLISHER	2020
16	Comparative Study in Method of Compaction by Consolidated Drained and Direct Shear Test	JOURNAL OF ADVANCED RESEARCH IN FLUID MECHANICS AND THERMAL SCIENCES	2020
17	Behaviour of Shear Strength Envelope Mixing with Usable Caooking Oil Using Consolidated Drained Tariaxial Test	IOP CONFERENCE SERIES	2020
18	Effect of Salak Tinggi Residual Soil Mixed Bentonite as Compacted Clay Liner	IOP CONFERENCE SERIES	2019
19	Shear Strength of Granitic Residual Soil in Saturated and Unsaturated Conditions	AIP CONFERENCE PROCEEDING	2018
20	Bamboo Leaf Ash as the Stabilizer for Soft Soil Treatment	IOP CONFERENCE SCIENCE	2018
21	Shear Strength Behaviour of Residual Soil Mix With Usable Cooking Oil for Unsoaked and Soaked	AIP CONFERENCE PROCEEDING	2018
22	Paper published at International Conference on Automatic Control and Intelligent System (I2CACIS2017) Norbaya Sidek , Ilyani Akmar Abu Bakar, Ahmad Aftas Azman, Abdul Samad Abdul Rahman and Wizario Anak Austin “ <i>Strength Characteristic of Polyurethane With Variation of Polyol to Isocyanate Mix Ratio : A Numerical Analysis</i> ”	SABAH, MALAYSIA	2017
23	Polyurethana Foam in Soil Stabilization – A Compressibility Effects	JOURNAL	2017
24	Paper published at 2016 IEEE International Conference on Automatic Control and Intelligent	SHAH ALAM SELANGOR	2016

	Systems (I2CACIS2016), Low Cost Nephelometric Turbidity Sensor for Continues Monitoring of Domestic Water Quality”		
25	Paper published at Journal Applied Mechanic & Material VOL 773-774 pp1508-1512(SCOPUS INDEX) Sidek N. , Mohamed K.,M.Jais I.B., Abu Bakar I.A. “ <i>Strength Characteristics of Polyurethane (PU) With Modified Sand.</i> ”	ONLINE JOURNAL	2015
26	Paper published at Journal Applied Mechanic & Material VOL 773-774 pp1513-1517(SCOPUS INDEX) Sidek N. , Abdul Talib, S., Mohd. Zain, N., Rashid, N.R.N.A., Abu Bakar, I.A. “ <i>An Investigation On The Effect Of Calcite Bacteria Seeding On Shear Strength Of Peat Soil Via An Unconfined Compression Test.</i> ”	ONLINE JOURNAL	2015
27	Paper published at International Journal of Technical Research and Application e-ISSN:2320-8163, pp 93 - 97 Sidek N. , Mohamed K.,M.Jais I.B., Abu Bakar I.A. “ <i>Simulation of Plate Bearing Test For Friction Root Ground Support System in Sand Using Palxis Finite Element “</i>	ISTANBUL, TURKEY	2015
28	Paper published at International Journal of Technical Research and Application e-ISSN:2320-8163, pp 98 - 102Aftas Azman, Mohd Hezri, Norbaya Sidek , Ilyani Akmar Abu Bakar” <i>Water Quality Parameter : A Review on Dissolve Oxygen (DO) Control Method”</i>	ONLINE JOURNAL	2015
29	Paper published at 3rd International Civil and Infrastructure Engineering Conference” Sidek N. , Mohamed K.,M.Jais I.B., Abu Bakar I.A. “ <i>Polyurethane Foams In Soil Stabilization – A Compressibility Effect”</i> Proceeding “	SHAH ALAM, SELANGOR	2015
30	Paper published at,” International Journal of Technical Research and Applications, no. 28, pp. 98–102, 2015. “Water Quality Parameter : A Review On Dissolve Oxygen (DO) Control Method	ISTANBUL. TURKEY	2015
31	Paper published at Springer Journal 449 – 460 2014; DOI: 10.1007/978-981-4585-02-6 Shakri S., Hafez M.A, Norbaya S “ <i>PFA Mixture for Sand Column Parameter Stabilization”</i>	ONLINE JOURNAL	2014
32	Paper published at Annual Conference on Civil Engineering and Engineering (March 14-16 2014 Phuket, Thailand) Norbaya Sidek. , Kamaruzzaman Mohamed, Ismacahyadi Bagus Mohamed Jais, Mohd Faiz Mazlee“ <i>Environmental And Sustainable Technology Using Polyurethane Foam”</i>	PHUKET, THAILAND	2014
33	Paper published at International Intergrated Engineering Summit(Dec 1-4 2014) Sidek N. , Mohamed K.,M.Jais I.B., Abu Bakar I.A. “ <i>Strength Characteristics of Polyurethane (PU) With Modified Sand.</i> ”	JOURNAL	2014

34	Paper published at International Intergrated Engineering Summit(Dec 1-4 2014) Sidek N , Abdul Talib, S., Mohd. Zain, N., Rashid, N.R.N.A., Abu Bakar, I.A. <i>"An Investigation On The Effect Of Calcite Bacteria Seeding On Shear Strength Of Peat Soil Via An Unconfined Compression Test."</i>	JOURNAL	2014
35	Paper published at Malaysian Journal of Civil Engineering 25 Special Issue (1):112-121(2013) Norazlan K., Norbaya S. , Mohd Fadzil A. (2013) <i>"The California Bearing Ratio (CBR) Value Of Road Sub – Base Aggregate Mixed With Bottom Ash"</i> ,	ONLINE JOURNAL	2013
36	Paper published at Electronic Journal Geotechnical Engineering, EJGE VOL 13(2013), Bund. B pp1613-1621 Norazlan Khalid, Mazidah Mukri, Faizah Kamarudin, Norbaya Sidek , Mohd Fadzil Arshad (2013) <i>"Experimental Studies on Fibrous Peat Stabilized Using Waste Paper Sludge Ash (WPSA)"</i> ,	ONLINE JOURNAL	2013
37	Paper published at Electronic Journal Geotechnical Engineering, EJGE VOL 15(2013), Bund. I pp1787-1796 Shakri S., Hafez M.A., Norbaya S. <i>"A Laboratory Study on PFA-Cement Mixture to Increase Unconfined Compression Strength of Sand Column"</i>	ONLINE JOURNAL	2013
38	Paper published at The 8 th Asia Pasific Structural Engineering and Construction Conference (APSEC 2012) and 1 st International Conference on Civil Engineering Research (ICCER 2012), 2-4 October 2012, Surabaya Indonesia. Norazlan Khalid, Norbaya Sidek , Mazidah Mukri, Faizah Kamarudin and Mohd Fadzil Arshad (2012). <i>The Potential Of coal Bottom Ash As Additives In Road Sub-Base Aggregate.</i>	SURABAYA, INDONESIA	2012
39	Paper published at The 11 th International Conference On Concrete Engineering and Technologies (CONCET 2012), pp421-427, 12-13 June 2012, Putrajaya, Malaysia. (ISBN 978-967-0380-12-4). Norazlan Khalid, Norbaya Sidek , Mazidah Mukri, Faizah Kamarudin and Mohd Fadzil Arshad, and Shaharin Hamid (2012). <i>The laboratory Studies On California Bearing Ratio (CBR) Value For Clay Soil Stabilized With WPSA.</i>	PUTRAJAYA, MALAYSIA	2012
40	Paper Published International Building And Infrastructure Technology Conference 2011 Norazlan K., Norbaya S. , Mohd Fadzil A. (2011). <i>Utilization Of Bottom Ash (BA) Use In Road Base.</i>	BRUNEI	2011
41	Paper Published Electronic Journal Geotechnical Engineering Vol 16(2011), Bund. H- Page 1595 – 1605 (Indexed by SCOPUS) Ailin Nur J.O., Hafez M.A., Norbaya S. (2011) <i>Study Of Bearing Capacity Of Lime-Cement Columns With Pulverized Fuel Ash For Soil Stabilization Using Laboratory Model.</i>	ONLINE JOURNAL	2011

42	Paper Published Electronic Journal Geotechnical Engineering Vol 16(2011), Bund. M-Page 1583-1593(Indexed by SCOPUS) Doris Asmani M.Y., Hafez M.A., Norbaya S. <i>Static Laboratory Compaction Method</i>	ONLINE JOURNAL	2011
43	Norbaya Sidek. , Norazlan Khalid, Asraf Abdul Rasib. <i>Effect Of Fine Percentage And Moisture Content To Shear Strength Of Limestone Redsidual Soil</i> , RSET 2011 Kuching, Sarawak	KUCHING, SARAWAK, MALAYSIA	2011
44	Norazlan K., Norbaya S. , Mohd.Fadzil A.,Shaharin H. <i>Strength Of Peat Soil Stabilized With Waste Paper Sludge Ash (WPSA)</i> RSET 2011 Kuching, Sarawak	KUCHING, SARAWAK, MALAYSIA	2011
45	Paper Published Electronic Journal Geotechnical Engineering Vol 15(2010), Bund. O(Indexed by SCOPUS) Hafez, Norbaya S. , Doris Asmani” <i>Comparison Between Static & Dynamic Laboratory Compaction Test</i> ”	ONLINE JOURNAL	2010
46	Paper Published The 8 th International Conference on Geotechnical and Transportation Engineering (GEOTROPIKA 2010). Norazlan K., Norbaya S. , Mohd Fadzil A. (2010). <i>Strength Characteristics Of Clay Soil Stabilized With PFA-Lime and PFA-OPC.</i>	.SABAH, MALAYSIA	2010
47	Paper Published Seminar Kebangsaan Aplikasi Sains Dan Matematik 2010 (SKSAM 2010).Norazlan K., Norbaya S. , Mohd Fadzil A. (2010). <i>Effect Of Clay Soil Stabilized With PFA-Lime.</i>	JOHOR BHARU, MALAYSIA	2010
48	Paper Published The 8 th International Conference on Geotechnical and Transportation Engineering (GEOTROPIKA 2010). Norbaya S. , Norazlan K., Nor Hazwani M.Z., Aidillah M. (2010). <i>Effect Of Particle Composition On The Shear Strength Characteristics Of Residual Soil At Constant Dry Density.</i>	KOTA KINABALU,SABAH	2010
49	Paper Published Electronic Journal Geotechnical Engineering, Volume 13 K. (Indexed by SCOPUS, ISSN 1089-3032) Hafez M. A., Sidek, N. and Md. Noor M.J. (2008) “ <i>Effect of Pozzolonic Process on The Strength of Stabilized Lime Clay</i> ”	ONLINE JOURNAL	2008

9. CONSULTANCY

No	ACTIVITY	VALUE	YEAR
1	Utilization Of Co2 In Producing Construction Materials	= RM 542,194.24.00	2023
2	Advance Performance Characterization Of Southern Premix	= RM 9,540.00	2022
3	Characterization Of Asphalt Performance Using	= RM 27,984.00	2021

	Scb & Hamburgh Wheel Tracking Tests		
4	Advance Performance Of K2 Bitumen Mixes Using Simple Circular Bending & Hamburgh Wheel Tracking Test	= RM 1,272.00	2021
5	Site Work & Laboratory Testing-Pavement Coring	= RM 2,190.00	2020
6	Site Work & Laboratory Testing-Permata Seri Megah Sdn Bhd(Bitumen Content & Sieve Analysis)	= RM 1,400.00	2020
7	Mill &Pave 50mm (Cma) Di Jalan Bentong-Gua Musang, Laluan Ft08 Seksyen 30.00-32.00 Daerah Raub, Pahang	= RM 2,100.00	2020
8	Workshop And Hands On Testing For Infrastructure Materials	= RM12,000.00	2018

10. COMMUNITY SERVICE

No	ACTIVITY	VENUE	YEAR
1	Muhibbah Collaboration - Pondok Bantan, Nakhon Si Thammarat	Thailand	2023
	Kumpulan Sokongan Ibu Bapa Guru	Sekolah Menengah Sains Tengku Abdullah	2020 – TO DATE
2	Timbalan Pengerusi II Puspanita PSA	Politeknik Sultan Salahuddin Abdul Aziz Shah	2021 – TO DATE
3	KUSES International Chess Competition	KUSES	2019
4	Shah Alam Trees for Life organised by Majlis Bandaraya Shah Alam (MBSA)	Tasik Permai (I-City), Seksyen 7, Shah Alam	28 Mei 2016
5	Shah Alam Trees for Life organised by Majlis Bandaraya Shah Alam (MBSA)	Pesiaran Selangor Seksyen 15, Shah Alam	3 Sept 2016
6	Hari sukan negara	SK TTDI Jaya Shah Alam	2016
7	AJK Program Derma Darah PPUM	PPUM	2015
8	AJK Biro Komunikasi PIBG SKTTDI Jaya	SKTTDI Jaya Shah Alam	2021- DATE
9	Timbalan Pengerusi RIG INCOME	UiTM	2021- TO DATE
10	Advisor Program SULAM	UiTM	2021-TO DATE

11. HONORARY AND AWARDS

No	ACTIVITY	AWARDING BODY	YEAR
1	ANUGERAH PERKHIDMATAN CEMERLANG	UiTM	2023
2	ANUGERAH PERKHIDMATAN CEMERLANG	UiTM	2017
3	ANUGERAH PERKHIDMATAN CEMERLANG	UiTM	2011
4	ANUGERAH PERKHIDMATAN CEMERLANG	PSA	2001
5	ANUGERAH AKADEMIK UNIVERSITI PERINGKAT KOLEJ PENGAJIAN KEJURUTERAAN- KATEGORI ANUGERAH INSPIRASI KECEMERLANGAN HEP	KOLEJ PENGAJIAN KEJURUTERAAN	2023
6	BEST PAPER AWARD - GLOBAL CONGRESS ON CONSTRUCTION, MATERIAL AND STRUCTURAL ENGINEERING	GLOBAL CONGRESS ON CONSTRUCTION, MATERIAL AND STRUCTURAL ENGINEERING	2024
7	SILVER MEDAL VIRTUAL ASIA INNOVATION SHOW 2022	MINISTER OF ENVIRONMENT AND WATER MALAYSIA	2022
8	SILVER MEDAL GENEVA INVENTION	GENEVA (VIRTUAL VERSION)	2021
9	ANUGERAH MOOC TERBAIK S&T	KOLEJ PENGAJIAN KEJURUTERAAN	2021
10	ANUGERAH BEST MOOC SCIENCE & TECHNOLOGY	THE INSTITUTE OF CONTINUING EDUCATION & PROFESSIONAL STUDIES (ICEPS)	2021
11	SILVER MEDAL INTERNATIONAL TECHNOLOGY EXPO (ITEX)	ITEX (VIRTUAL VERSION)	2020
12	BRONZE MEDAL SEOUL INTERNATIONAL INVENTION FAIR (SIIF) 2002	SEOUL, KOREA (VIRTUAL VERSION)	2020
13	ANUGERAH BLENDED LEARNING TERBAIK	FAKULTI KEJURUTERAAN AWAM	2020
14	GOLD MEDAL INTERNATIONAL TECHNOLOGY EXPO (ITEX)	ITEX	2019
15	THE MOST HELPFUL AWARD	FCE, UiTM	2019
16	SILVER MEDAL INTERNATIONAL TECHNOLOGY EXPO (ITEX)	ITEX	2018
17	ANUGERAH STAF CONTOH	FAKULTI KEJURUTERAAN AWAM	2018
18	INDUSTRY ACCOLADES	PROGROUT INJECTION SDN BHD	2017
19	AUTOMATION & CONTROL ENHANCING INNOVATION COMPETITION (ACEIC 2017) ALUMINUM STAGING WATER FILTER (ASWF): A NEW INNOVATION FOR WATER FILTER SYSTEM	THE INSTITUTION OF ENGINEERING AND TECHNOLOGY (IET) (GOLD AWARD)	2017
20	AUTOMATION & CONTROL ENHANCING INNOVATION COMPETITION (ACEIC 2017) ALUMINUM STAGING WATER FILTER (ASWF): A NEW INNOVATION FOR WATER FILTER SYSTEM	THE INSTITUTION OF ENGINEERING AND TECHNOLOGY (IET) (IET SPECIAL AWARD)	2017

21	INVENTION, INNOVATION & DESIGN EXPOSITION 2017 (IINDEX2017) SMART TUBE AQUA FILTER (STAF): A NEW INNOVATION FOR WATER FILTER SYSTEM	UITM SHAH ALAM (GOLD AWARD)	2017
22	SEOUL INTERNATIONAL INVENTION FAIR (SIIF) 2017 AN INNOVATIVE PHYSICAL BEHAVIOURAL MODELLING OF PU ARTIFICIAL ROOT IN GROUND IMPROVEMENT	SEOUL, KOREA (SILVER AWARDL)	2017
23	MELAKA INTERNATIONAL INTELLECTUAL EXPOSITION 2016 (MIIEX2016) LOW COST NEPHELOMETRIC TURBIDITY SENSOR FOR CONTINUES MONITORING OF DOMESTIC WQ	UITM MELAKA (GOLD MEDAL)	2016
24	GOLD MEDAL IINDEX UITM SHAH ALAM	UITM SHAH ALAM	2015
25	SILVER MEDAL INTERNATIONAL TECHNOLOGY EXPO (ITEX)	ITEX	2015
26	SILVER MEDAL PECIPTA 2015 (INTERNATIONAL)	PECIPTA	2015
27	BEST PAPER AWARDS INCIEC 2015	UNIVERSITI TEKNOLOGI MARA	2015
28	BEST MANUSCRIPT PAPER ACCE PHUKET	ACCE PHUKET	2014
29	GOLD MEDAL INTERNATIONAL TECHNOLOGY EXPO (ITEX)	ITEX	2014
30	GOLD MEDAL IIDEA UITM PERLIS	UITM PERLIS	2013
31	SILVER MEDAL MALAYSIAN TECHNOLOGY EXPO	MTE	2011
32	SILVER MEDAL INTERNATIONAL TECHNOLOGY EXPO(ITEX)	ITEX	2011
33	INVENTION, INNOVATION & DESIGN EXPOSITION 2010 (IINDEX2017) GOLD MEDAL IID UITM 2010 SE	UITM SHAH ALAM	2010
34	INVENTION, INNOVATION & DESIGN EXPOSITION 2010 (IINDEX2017) BRONZE MEDAL IID UITM 2010 SE	UITM SHAH ALAM	2010
35	SILVER MEDAL IID FCE (STATIC LABORATORY COMPACTION)	FCE, UITM	2010
36	SILVER MEDAL IID FCE (SPRING CONSOLIDATION FOR SOIL)	FCE, UITM	2010

12. GRANT AND COPYRIGHT

No	ACTIVITY	VENUE	YEAR
1	The Effect of Seismic Forces on The Conical Shell Foundation Under the Malaysian High-Speed Train	INTI IU Research Seeding Grant	2023 - 2025
2	ASEA UNINET Grant	Technical University Vienna, Austria	2023-2024
3	Utilization of Carbon Dioxide (CO ₂) In Producing Construction Materials	PETRONAS-Academia Collaboration Research Grant	2022 -2024
4	Evaluation of Recycling Waste Material Using Boiler Slag In Hot Mixed Asphalt For Road Construction	GIP UITM GRANT	2021-2023
5	Alternative Road Construction Material	ASIA- UNINET GRANT	2020-2022
6	Alternative Rapid Ground Treatment Solution Using PU Prefabricated Flatbed	JKR GRANT	2017-2021
7	Biocementation Microbial Induced Calcium Carbonate Precipitation Theory	FRGS GRANT	2012-2014
8	Clay Soil Stabilization Using Waste Paper Sludge Ash (WPSA)	RIF GRANT	2012-2014
9	Reduce Cement Deep Stabilised Quick Clay	EXCELLENT FUND	2012-2014
10	Nanoparticlelization Characteristic Of Stabilized Soft Soil	RAGS GRANT	2012-2014
11	Copyright: Aluminum Staging Water Filter (ASWF): A New Innovation for Water Filter System. CRLY0008149	MyIPO Bangsar	2017
12	Copyright: A Low Cost Nephelometric Turbidity Sensor for Continues Monitoring of Domestic Water Quality. CRL700005920	MyIPO Bangsar	2016
13	Copyright : Innovative Physical Modelling Procedure For PU Geotechnical Test CRLY00008150	MyIPO Bangsar	2017
14	Modul Graduan Holistik Kolej Pengajian Kejuruteraan (CRLY2022W01615)	MyIPO Bangsar	2022

13. MEMBERS

No	BODY/SOCIETY	SINCE	YEAR
1	Board of Engineers (BEM) -56222R	2008	TO DATE
2	World Association for Scientific Research and Technical Innovation -	2015	TO DATE
3	Kelab Shah Alam - Ahli	2018	TO DATE
4	Kelab 5K (Kelab Kebajikan Kesejahteraan Kolej Kejuruteraan) – Naib Pengerusi	2021	TO DATE
5	Malaysian Board Of Technology	2018	TO DATE

14. POST GRADUATE STUDENTS

No	NAME	STUDENT ID	STATUS
1	HASSAN ALI ABBAS ALHAMWI	2017459042(PHD)	COMPLETED (GOT) 2020
2	ATIQAHA NAJWA BT ZAINUDDIN	2018804758 (PHD)	COMPLETED (GOT) 2023
3	LOKMAN NUR HAKIM BIN ZAHARI	2020175709 (PHD)	ON GOING
4	NURUL ASHIKIN BT MOHAMAD IBRAHIM	2024999543 (PHD)	ON GOING
5	SANDRA JESSICA ASUN	SC22410 (UNITEN)	COMPLETED 2019
6	MUHAMAD FAUZI BIN AHAD	2020657002 (MASTER BY RESEARCH)	ON GOING
7	NUR IZZAH MADIHAH BINTI ZAINAL ABIDDIN	2020646946 (MASTER BY RESEARCH)	ON GOING
8	MUHAMMAD SHAHRUL NAZERI BIN NAHLIUS	2019724331 (MASTER DISSERTATION)	COMPLETED
9	SHAMIRUL SHAZMAN MOHD ZULKIFLI	2019563411 (MASTER DISSERTATION)	COMPLETED
10	ANNAS ROBANI AMINUDIN	2018894222 (MASTER DISSERTATION)	COMPLETED
11	AHMAD SYAFIQ BIN MD SHAH	2020961845 (MASTER DISSERTATION)	COMPLETED
12	ERNIE PRESSILLIA ANAK PATIE	2019663828 (MASTER DISSERTATION)	ON GOING
13	MUNIRAH STAPAH	(MASTER DISSERTATION)	ON GOING
14	SAZALI SELAMAT	2022471344 (MASTER) DISSERTATION	COMPLETED
15	NURFATIRA NASHA MOHD ROSLE	(MASTER) DISSERTATION	COMPLETED
16	NURUL ASHIKIN BT MOHAMAD IBRAHIM	(MASTER) DISSERTATION	COMPLETED
17	NICK FARHAN ZAKIRAN BIN MAHADI	(MASTER) DISSERTATION	COMPLETED

15. UNDER GRADUATE FINAL YEAR PROJECT SUPERVISION (DATA FROM 2019 - 2024 ONLY)

NO	SEMESTER	STUDENT ID	STUDENT NAME	PROJECT TITLE	LEVEL OF SUPERVISION
1	20242	2021621964	NURIN KHAIRINA BINTI NAZARY	CLAY SOIL MODIFICATION USING HIGH-DENSITY POLYETHYLENE (HDPE)	MAIN SUPERVISOR
2	20242	2020878414	AMALIA ZAFIRAH BINTI JASMI	EVALUATION ON THE VOLUMETRIC PROPERTIES OF BOILER SLAG AS AGGREGATE IN HOT MIX ASPHALT	MAIN SUPERVISOR
3	20242	2020834792	AQIL ISKANDAR SUJAK BIN MUHAMMAD FARID	STRENGTH CHARACTERISTICS OF BOILER SLAG AS ARTIFICIAL AGGREGATES IN HOT MIX ASPHALT	MAIN SUPERVISOR
4	20242	2020482856	ATHIRA ZULAIKHA BINTI KHAIRUR RIJAL	EFFECT OF ARTIFICIAL AGGREGATE ON HOT MIX ASPHALT (HMA)	MAIN SUPERVISOR
5	20232	2021505005	MUHAMMAD MUIZZUDDIN BIN KAMARAZAMAN	PEAT SOIL STABILIZATION USING FLY ASH	MAIN SUPERVISOR
6	20232	2019415814	SITI NUR ATIOAH BINTI HASAN	COMPRESSIVE STRENGTH CHARACTERISTIC OF ROLLER COMPACTED CONCRETE USING FLY ASH	MAIN SUPERVISOR
7	20232	2020816356	AMIR HARITH BIN ZAINUDDIN	EFFECT OF CARBONIC ASID CONCENTRATION AND CURING CONDITION TO THE URABILITY (RCPT) OF THE CONCRETE	MAIN SUPERVISOR
8	20232	2019415814	SITI NUR ATIQA BINTI HASAN	COMPRESSIVE STRENGTH CHARACTERISTIC OF ROLLER COMPACTED CONCRETE USING FLY ASH	MAIN SUPERVISOR
9	20224	2020816356	AMIR HARITH BIN ZAINUDDIN	EFFECT OF CARBONIC ASID CONCENTRATION AND CURING CONDITION TO THE URABILITY (ROPTIOF THE CONCRETE	MAIN SUPERVISOR
10	20224	2020899334	MUHAMMAD NAQIB AN NAJAT BIN SHAMSUL	EFFECT OF CARBONIC ACID CONCENTRATION AND CURING CONDITION TO THE WATER ABSORPTION AND POROSITY TO THE CONCRETE	MAIN SUPERVISOR
11	20224	2019230074	NOOR EISYA IDAYU BINTI AB HALIM	USING FLY ASH AS CEMENTREPLACEMENT IN THE ROLLER COMPACTED CONCRETE FOR A GRAVITY DAM	MAIN SUPERVISOR

12	20222	2019627958	MUHAMMAD IFTIZAM BIN MOHAMAD SUFFIAN	MICROBIAL INDUCE CALCITE PRECIPITATION (MICP) PROCESS AS A SOIL STABILIZATION FOR RESIDUAL SOIL AT VARIOUS TEMPERATURE	MAIN SUPERVISOR
13	20224	2020963467	SARA ALYA LUQMAN BINTI ZALIMIE SHAM	STRENGTH CHARACTERISTICS OF PEAT SOIL STABILISED WITH SHREDDED WASTE TYRE CHIP AND CEMENT	MAIN SUPERVISOR
14	20222	2019695794	NUR HUDA BINTI ABDUL LATIF	EFFECT OF ADDING WASTE SHREDED RUBBER TYRE ON THE SHEAR STRENGTH OF CLAY SOIL	MAIN SUPERVISOR
15	20222	2019451578	ALIFF ZULKARNAIN BIN SHUKRI	ARTIFICIAL ROOTS PROTOTYPE	MAIN SUPERVISOR
16	20222	2019461386	KHAIZURAN BIN EFFENDY	EFFECT OF FLY ASH ON SHEAR STRENGTH BEHAVIOUR OF PEAT SOIL IN SARAWAK	MAIN SUPERVISOR
17	20222	2019814542	NUR NAJIHAH BINTI AHMAD NAZMI	EVALUATION PERFORMANCE OF POLYURETHANE (PU) AND CONCRETE FOAM AS FILLER FOR ROAD EMBANKMENT: - A SOFT SOIL TREATMENT SOLUTION	MAIN SUPERVISOR
18	20222	2018208082	AHMAD NABIL AKMAL BIN ASBARUDIN	STRENGTH CHARACTERISTICS OF ARTIFICIAL AGGREGATE AS ROAD CONSTRUCTION MATERIALS	MAIN SUPERVISOR
19	20214	2019451578	ALIFF ZULKARNAIN BIN SHUKRI	ARTIFICIAL ROOTS PROTOTYPE	MAIN SUPERVISOR
20	20214	2019461386	KHAIZURAN BIN EFFENDY	EFFECT OF FLY ASH ON SHEAR STRENGTH BEHAVIOUR OF PEAT SOIL IN SARAWAK	MAIN SUPERVISOR
21	20214	2019627958	MUHAMMAD IFTIZAM BIN MOHAMAD SUFFIAN	MICROBIAL INDUCE CALCITE PRECIPITATION (MICP) PROCESS AS A SOIL STABILIZATION FOR RESIDUAL SOIL AT VARIOUS TPERATURE	MAIN SUPERVISOR
22	20214	2019695794	NUR HUDA BINTI ABDUL LATIF	EFFECT OF ADDING WASTE SHREDED RUBBER TYRE ON THE SHEAR STRENGTH OF CLAY SOIL	MAIN SUPERVISOR
23	20214	2019814542	NUR NAJIHAH BINTI AHMAD NAZMI	EVALUATION PERFORMANCE OF POLYURETHANE (PU) AND CONCRETE FOAM AS FILLER FOR ROAD EMBANKMENT: - A	MAIN SUPERVISOR

				SOFT SOIL TREATMENT SOLUTION	
24	20214	2018208082	AHMAD NABIL AKMAL BIN ASBARUDIN	STRENGTH CHARACTERISTICS OF ARTIFICIAL AGGREGATE AS ROAD CONSTRUCTION MATERIALS	MAIN SUPERVISOR
25	20212	2018208082	AHMAD NABIL AKMAL BIN ASBARUDIN	STRENGTH CHARACTERISTICS OF ARTIFICIAL AGGREGATE AS ROAD CONSTRUCTION MATERIALS	MAIN SUPERVISOR
26	20212	2015218568	MUHAMMAD HAKIMI BIN MD RUSDI	COMPARISON OF NUMERICAL ANALYSIS ON THE EFFECTIVENESS OF PULL OUT TEST ON SOIL NAILING SYSTEM AND PERFORMANCE	MAIN SUPERVISOR
27	20212	2017800414	MUHAMMAD FARHAN BIN AMRAN	SOIL LIQUEFACTION IN MALAYSIA	MAIN SUPERVISOR
28	20212	2017800344	MUHAMMAD 'IRFAN BIN ISMAIL	SOIL STABILIZATION USING WASTE MATERIAL - A REVIEW	MAIN SUPERVISOR
29	20212	2018425782	NOOR AINA FARHANA BINTI MOHAMED	UTILIZATION OF LIGNIN AS NATURAL BINDER IN ASPHALT MIXTURE	MAIN SUPERVISOR
30	20212	2017800418	MUHAMMAD IZZAT BIN MOHAMAD IBRAHIM	SLOPE STABILITY ANALYSIS BY DIFFERENT APPROACHES	MAIN SUPERVISOR
31	20204	2017800344	MUHAMMAD 'IRFAN BIN ISMAIL	SOIL STABILIZATION USING WASTE MATERIAL - A REVIEW	MAIN SUPERVISOR
32	20204	2017800414	MUHAMMAD FARHAN BIN AMRAN	SOIL LIQUEFACTION IN MALAYSIA	MAIN SUPERVISOR
33	20204	2017800418	MUHAMMAD IZZAT BIN MOHAMAD IBRAHIM	SLOPE STABILITY ANALYSIS BY DIFFERENT APPROACHES	MAIN SUPERVISOR
34	20204	2018425782	NOOR AINA FARHANA BINTI MOHAMED	UTILIZATION OF LIGNIN FROM PAPER PULP AS NATURAL BINDER ASPHALT MIXTURES	MAIN SUPERVISOR
35	20202	2017677542	MUHAMMAD IZWAN BIN NGAH JAYA	EFFECT OF FLY ASH ON GEOTECHNICAL PROPERTIES OF MARINE SOIL	MAIN SUPERVISOR
36	20202	2017677242	MUHAMMAD SYAFIQ BIN HASSAN	UTILIZATION OF COARSE BOILER SLAG AS A REPLACEMENT FOR AGGREGATE IN HMA	MAIN SUPERVISOR
37	20202	2017659462	NADZIRAH BINTI SAHMAD	EXPERIMENTAL STUDY ON BITUMINOUS MIX CONTAINING FINE BOILER	MAIN SUPERVISOR

				SLAG	
38	20202	2017677352	MUHAMMAD SHAHRIN BIN CHE MOHD	EFFECT OF USING BOILER SLAG AS ALTERNAIVE FILLER IN HOT MIX ASPHALT	MAIN SUPERVISOR
39	20202	2017677328	MOHAMAD FIKRI BIN YUSOF	EFFECT OF THE FLY ASH ON THE GEOTECHNICAL PROPERTIES OF SOFT CLAY SOIL	MAIN SUPERVISOR
40	20194	2017677542	MUHAMMAD IZWAN BIN NGAH JAYA	EFFECT OF FLY ASH ON GEOTECHNICAL PROPERTIES OF MARINE SOIL	MAIN SUPERVISOR
41	20194	2017659462	NADZIRAH BINTI SAHMAD	EXPERIMENTAL STUDY ON BITUMINOUS MIX ONTAINING FINE BOILER SLAG	MAIN SUPERVISOR
42	20194	2017677242	MUHAMMAD SYAFIQ BIN HASSAN	UTILIZATION OF COARSE BOILER SLAG AS A REPLACEMENT FOR AGGREGATE IN HMA	MAIN SUPERVISOR
43	20194	2016338607	YUSNITA BT ISMAIL	EXPERIMENTAL STUDY ON ARTIFICIAL BOLIER SLAG AGGREGATE	MAIN SUPERVISOR
44	20194	2017677328	MOHAMAD FIKRI BIN YUSOF	EFFECT OF THE FLY ASH ON THE GEOTECHNICAL PROPERTIES OF SOFT CLAY SOIL	MAIN SUPERVISOR
45	20192	2016338607	YUSNITA BT ISMAIL	EXPERIMENTAL STUDY ON ARTIFICIAL BOILER SLAG AGGREGATE	MAIN SUPERVISOR
46	20194	2017677352	MUHAMMAD SHAHRIN BIN CHE MOHD NOOR	EFFECT OF USING BOILER SLAG AS ALTERNAIVE FILLER IN HOT MIX ASPHALT	MAIN SUPERVISOR
47	20192	2016218036	PUTERI ELYA BINTI RUZILAN	COMPACTION CHARACTERISTIC OF BOILER SLAG - RESIDUAL SOIL	MAIN SUPERVISOR

