



## PERSONAL DETAILS

**Name** : Azman Bin Mohamed  
**Gender** : Male  
**Nationality** : Malaysian  
**Marital Status** : Married  
**E-mail** : azmanmohamed.kl@utm.my / azman@civil.my  
**Website** : <https://people.utm.my/azmanmohamed/>  
**Expertise** : Pavement & Highway Engineering, Concrete Block Pavement, Pavement Materials  
**H-Index (WOS)** : 14  
**H-Index (SCOPUS)** : 17  
**H-Index (G. Scholar)** : 10  
**H-Index (Researchgate)** : 15

## ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY
1	Doctoral Philosophy	Civil Engineering	Universiti Teknologi Malaysia
2	Master	Traffic & Highway	Universiti Teknologi Malaysia
3	Bachelor (Hons)	Civil Engineering	Universiti Teknologi Malaysia
4	Diploma	Civil Engineering	Universiti Teknologi Malaysia

## AWARDS AND HONORS RECEIVED

Summary	
International Awards/Honors	15
National Awards/Honors	4
UTM Awards/Honors	15
Faculty Awards/Honors	18

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	2021 Gold Award for Top Papers	INTERNATIONAL	2023
2	Award of Excellence Service 2023	UTM	2023

3	SILVER PRICE - Seoul International Invention Fair 2023	INTERNATIONAL	2023
4	Best FKA Laboratory (EXHIBITION) - FKA Industry-Community Engagement Day (FKA ICE Day 2023)	FACULTY	2023
5	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 1-2023/2024	FACULTY	2023
6	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1-2022/2023	FACULTY	2023
7	Award of Excellence - Active Blended Learning Course (SEAA4813-01) Semester 1-2022/2023	FACULTY	2023
8	Award of Excellence Service 2022	UTM	2023
9	Anugerah Penulis Dalam Jurnal Berindeks – Kategori Fakulti	UTM	2023
10	Best Paper Award ID ICSEE – UTHM entitled Perception of Motorcyclists on Safe Riding in Kota Kinabalu.	NATIONAL	2022
11	Award of Excellence - Active Blended Learning Course (SKAB4032-01) Semester 2-2021/2022	UTM	2022
12	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 2-2021/2022	UTM	2022
13	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 1-2021/2022	UTM	2022
14	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1-2021/2022	UTM	2022
15	Award of Excellence - Active Blended Learning Course (SKAB3012-03) Semester 1-2020/2021	FACULTY	2021
16	Award of Excellence - Active Blended Learning Course (SKAB3012-02) Semester 2-2020/2021	FACULTY	2021
17	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 2-2021/2022	FACULTY	2021
18	Award of Excellence - Active Blended Learning Course (SEAA2832-03) Semester 2-2020/2021	FACULTY	2021
19	Award of Excellence - Active Blended Learning Course (MKAQ1053-01) Semester 1-2020/2021	FACULTY	2021
20	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1-2021/2022	FACULTY	2021
21	AIINEX – SPECIAL AWARD (Asphalt-FWB) Asia International Innovation Exhibition, 15 – 17 October 2021. Universiti Kuala Lumpur.	INTERNATIONAL	2021
22	AIINEX – GOLD AWARD (Asphalt-FWB) Asia International Innovation Exhibition, 15 – 17 October 2021. Universiti Kuala Lumpur.	INTERNATIONAL	2021
23	ITEX – GOLD MEDAL (Maltenator) 31st International Invention, Innovation & Technology Exhibition, Kuala Lumpur *20-21 Nov 2020).	NATIONAL	2020
24	Award of Excellence - Active Blended Learning Course (SKAB3012-03) Semester 2 - 2019/2020	FACULTY	2020
25	Award of Excellence - Active Blended Learning Course (SKAB3012-03) Semester 1 - 2020/2021	FACULTY	2020

26	Award of Excellence - Active Blended Learning Course (SKAB3012-01) Semester 2 - 2019/2020	FACULTY	2020
27	Award of Excellence - Active Blended Learning Course (MKAQ1053-01) Semester 1 - 2020/2021	FACULTY	2020
28	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1 - 2020/2021	FACULTY	2020
29	Award of Excellence Service 2019.	FACULTY	2019
30	INATEX – BRONZE (Maltenator). 21th Industrial Art and Technology Exhibition 2019, Dewan Sultan Iskandar, UTM, Johor Bahru, 30 Sept - 3 Oct.	UTM	2019
31	Anugerah Kumpulan Penyelidik Terbaik. Pavement Transportation Research Group. Anugerah Hari Kualiti 2017, 19 July.	FACULTY	2018
32	Award Of Excellence – Active Blended Learning Course (SKAA3842-01) Semester 2 - 2017/2018	UTM	2018
33	Anugerah Kumpulan Penyelidik Terbaik. Pavement Transportation Research Group. Anugerah Hari Kualiti 2016, 24 July.	FACULTY	2017
34	GOLD AWARD. International UTMBridge 2017 Model Competition, Dewan Sultan Iskandar, UTM, Johor Bahru, 26 – 29 March.	INTERNATIONAL	2017
35	OVERALL WINNER AWARD. International UTMBridge 2017 Model Competition, Dewan Sultan Iskandar, UTM, Johor Bahru, 26 – 29 March.	INTERNATIONAL	2017
36	INATEX – BRONZE (Geo Repair). 19th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November.	UTM	2017
37	INATEX – BRONZE (Eco Brick). 19th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November.	UTM	2017
38	INATEX – BRONZE (Bio-Asphalt P5). 19th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November.	UTM	2017
39	ITEX – SILVER (Asphalt Mix Produced from Electric Arc Furnace Steel Slag and Copper Mine Tailings), 27 <sup>th</sup> International Invention, Innovation & Technology Exhibition, Kuala Lumpur *12-14 May 2016.	INTERNATIONAL	2016
40	ITEX – SILVER (Sustainable Bitumen from Waste Material), 27 <sup>th</sup> International Invention, Innovation & Technology Exhibition, Kuala Lumpur *12-14 May 2016.	INTERNATIONAL	2016
41	ACADREX 2016 Innovation Competition- Empowering Women in Stem, Universiti Teknologi Petronas, 4-6 Nov 2016.	NATIONAL	2016
42	First Place for the Best Pontoon (Industry and Staff Category) at 3rd National Concrete Pontoon Competition	NATIONAL	2015
43	INATEX – SILVER (Asphalt Concrete	UTM	2015

	Steel Slag and Copper Mine Tailing). 17th Industrial Art and Technology Exhibition 2015, Dewan Sultan Iskandar, UTM, Johor Bahru, 3 – 5 November.		
44	INATEX – SILVER (Sustainable Bitumen from Waste Material). 17th Industrial Art and Technology Exhibition 2015, Dewan Sultan Iskandar, UTM, Johor Bahru, 3 – 5 November.	UTM	2015
45	ITEX – SILVER (Cera Eco Block), 26 <sup>th</sup> International Invention, Innovation & Technology Exhibition, Kuala Lumpur *21-23 May 2015.	INTERNATIONAL	2015
46	SIIF GOLD PRICE (Cera Eco Block) – Seoul International Invention Fair (SIIF) 2015, Seoul, Korea. 26 Nov – 29 Dec 2015.	INTERNATIONAL	2015
47	SPECIAL PRICE of Korean Federation of Small and Medium Business (Bio-Polycrete) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014.	INTERNATIONAL	2014
48	SIIF BRONZE PRICE (Eco Green Brick) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014.	INTERNATIONAL	2014
49	SIIF SILVER PRICE (Palm Eco-Crete) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014.	INTERNATIONAL	2014
50	SIIF GOLD PRICE (Bio-Polycrete) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014.	INTERNATIONAL	2014
51	ITEX GOLD MEDAL (Micro Polymer Concrete from Biomass and Iron Ore Tailings) - ITEX 14. 25th International Invention, Innovation & Technology Exhibition. Kuala Lumpur, Malaysia. 8 – 10 May 2014.	INTERNATIONAL	2014
52	Award of Excellence 2005	UTM	2005

## WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1	Senior Lecturer	November 2014	Present	Department of Geotechnics and Transportation/ Faculty of Civil Engineering, UTM
2	Industrial Training Coordinator	2018	Present	Faculty of Civil Engineering, UTM

3	Lecturer	April 1998	November 2014	Department of Civil Engineering/ UTM Razak School of Engineering and Advanced Technology
4	Site Engineer	October 1997	April 1998	Gamuda Berhad
5	Site Supervisor	November 1994	June 1995	Technoventure Co. Ltd
6	Site Supervisor	October 1993	November 1994	Highrise Building/ Teknik Cepak Construction Sdn. Bhd
7	Site Supervisor/ Quantity surveyor	August 1993	October 1993	Soon Fong Construction Work Sdn. Bhd

#### PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	3
National Professional Membership / Qualifications / Recognition	4

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	Malaysia Board of Technologist's (Professional). PT18050365 – (Building & Construction Technology)	National	Member	2018 to present
2	World Association for Scientific Research and Technical Innovation. WASRTI – M17299	International	Member	2018 to present
3	Mendeley Advisor. Elsevier	International	Member	2017 to present
4	American Concrete Institute Kuala Lumpur Chapter. Assoc 363	International	Member	2016 to present
5	Concrete Society of Malaysia. M0545	National	Member	2016 to present
6	Institution of Engineers, Malaysia. IEM No: G18162	National	Member	2013 to present
7	Board of Engineer, Malaysia. BEM No: 30258A	National	Member	2013 to present
8	Road Engineering Association Malaysia. REAM No: O.4001	National	Member	2024 to present

#### ADMINISTRATIVE EXPERIENCE

<b>NO</b>	<b>POSITION</b>	<b>STARTING DATE</b>	<b>ENDING DATE</b>	<b>DEPARTMENT/ FACULTY/ DIVISION</b>
1	Penyelaras Kursus MEAQ 1043 Transport Planning Semester 1 Sesi 2023/2024	01/10/2023	31/12/2023	Faculty of Civil Engineering, UTM
2	Penyelaras Kursus SEAA 3045 – Latihan Industri Sesi 2023/2024	01/10/2023	31/12/2023	Faculty of Civil Engineering, UTM
3	Academic Advisor Session 2023/2024	01/10/2023	31/12/2023	Faculty of Civil Engineering, UTM
4	Penyelanaan Latihan Industri Sem 3 Sesi 2022-2023	03/09/2023	17/09/2023	Faculty of Civil Engineering, UTM
5	Penyelia Makmal FKA, Program Pengajian Separuh Masa UTM	11/09/2023	15/09/2023	Faculty of Civil Engineering, UTM
6	Penyelaras Latihan Industri – Program Sarjana Muda	01/06/2022	30/09/2024	Faculty of Civil Engineering, UTM
7	Penasihat Akademik Ijazah Sarjana Muda Session 2022/2023 Semester 1	01/01/2022	31/12/2022	Faculty of Civil Engineering, UTM
8	Penyelaras Kursus MKAQ 1043 – Semester 1 sesi 2022/2023	07/10/2022	01/07/2023	Faculty of Civil Engineering, UTM
9	Penyelaras Kursus SKAB4823 - Transport Planning – Semester 1 & 2 Sesi 2021/2022	01/01/2022	01/10/2022	Faculty of Civil Engineering, UTM
10	Penyelaras Kursus SKAB3045 - Latihan Indusri - Semester 1 & 2 Sesi 2021/2022	01/01/2022	30/09/2022	Faculty of Civil Engineering, UTM
11	Penyelaras di Sekolah Berkaitan MyRA Section E: Innovation	01/01/2021	31/12/2021	Faculty of Civil Engineering, UTM
12	Academic Advisor Semester 1 Session 2021/2022	01/01/2021	31/12/2021	Faculty of Civil Engineering, UTM
13	Penyelaras Kursus SKAB3045 – Practical Training - Semester 1 & 2 Sesi 2020/2021	30/08/2020	01/09/2021	Faculty of Civil Engineering, UTM
14	Penyelaras Kursus SKAB4823 – Transport Planning - Semester 1 & 2 Sesi 2020/2021	30/08/2020	01/09/2021	Faculty of Civil Engineering, UTM
15	Penyelaras Kursus MKAQ1043 - Transport Planning Semester I, Sesi 2020/2021	15/10/2020	31/05/2021	Faculty of Civil Engineering, UTM
16	Penyelaras di Sekolah Berkaitan MyRA Section E: Innovation	01/01/2020	31/12/2020	Faculty of Civil Engineering, UTM
17	Academic Advisor Semester 1 Session 2020/2021	01/01/2020	31/12/2020	Faculty of Civil Engineering, UTM
18	Penyelaras Kursus SKAA 4823 - Transport Planning – Semester 1 & 2 Sesi 2019/2020	30/04/2019	31/12/2019	Faculty of Civil Engineering, UTM
19	Penyelaras Kursus MKAQ1043 - Transport Planning Semester I, Sesi 2019/2020	18/09/2019	31/12/2019	Faculty of Civil Engineering, UTM
20	Penyelaras Kursus MKAQ1033 - Transport and Environmental Planning Semester I, Sesi 2019/2020	18/09/2019	31/12/2019	Faculty of Civil Engineering, UTM

21	Academic Advisor – Semester 1 & 2, Session 2019/2020	01/01/2019	31/12/2019	Faculty of Civil Engineering, UTM
22	Penyelaras Kursus SKAA 4823 - Transport Planning – Semester 1 & 2 Sesi 2018/2019	30/07/2018	31/12/2018	Faculty of Civil Engineering, UTM
23	Coordinator for MyRA - Section G (Networking and Linkages)	01/02/2018	31/12/2018	Faculty of Civil Engineering, UTM
24	Penyelaras – Pusat Pengajian Separuh Masa (PPSM)	01/01/2018	29/07/2018	School of Professional and Continuing Education (SPACE)
25	Academic Advisor – Semester 1 Session 2018/2019	01/01/2018	31/12/2018	Faculty of Civil Engineering, UTM
26	Penyelaras – Kursus Program Sarjana Muda, Pusat Pengajian Separuh Masa – Semester 1 Sesi 2017/2018	01/01/2017	31/10/2017	Faculty of Civil Engineering, UTM
27	Penyelaras Kursus SKAA 4823 - Transport Planning – Semester 1 Sesi 2017/2018	01/01/2017	31/12/2017	Faculty of Civil Engineering, UTM
28	Academic Advisor – Semester 1 Session 2017/2018	01/01/2017	31/12/2017	Faculty of Civil Engineering, UTM
29	Academic Advisor – Semester 1 Session 2015/2016	01/01/2016	31/12/2016	Faculty of Civil Engineering, UTM
30	Penyelaras Kursus SAB 4823 - Transport Planning – Semester 1 & 2 Sesi 2016/2017	01/09/2016	31/12/2016	Faculty of Civil Engineering, UTM
31	Penyelaras – Program Doktor Falsafah Semester 2 Sesi 2014/2015 & Semester 1 Sesi 2015/2016	01/02/2015	31/12/2015	Faculty of Civil Engineering, UTM
32	Penyelaras – Program Doktor Kejuruteraan (Pengurusan Perniagaan dan Kejuruteraan)	01/07/2014	01/11/2014	UTM Razak School of Engineering and Advanced Technology

## CONSULTATION WORKS

Summary	
Consultation Project-UTM	<b>12 projects (RM 703,437.78)</b>
Consultation Project- Others	<b>0 projects (RM 0)</b>

No.	YEAR	TITLE	VALUE	VOT NO.
1	2023	Product Quality Control Report for PB-65 Soil Sealant	RM1839.10	1815
2	2023	2 Days Short Course: Pavement Materials, Mix Design & Construction	RM14,628.00	431
3	2023	Perkhidmatan Perundingan (Ujian-Ujian Bahan Pembinaan, Laporan Teknikal Dan Kursus Teknikal)	RM18,036.00	1313
4	2022	International Forum Of Integrated Infrastructure Development (INFINID 2021)	RM18,871.68	A.J160000.6600.08405
5	2022	Mechanical & Durability Performance of Autoclaved Aerated Concrete With/Without Bottom Ash, Mortar, Cement-Sand Brick and Clay Brick	RM13,000.00	A.J090901.5500.07121
6	2022	Road Materials Quality Testing and Course	RM9,116.00	1815

7	2022	Defect Inspection And Monitoring For Suspend Slab	RM15,264.00	1849
8	2021	Tabung Seminar INFINID 2021- I CHITRA	RM8,960.00	A.J510200.6600.06111
9	2020	Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	RM5,391.00	1739
10	2019	Traffic Study for Pengerang Intergrated Complex (Pic) During Operation Stage for Petronas Refinery and Petrochemical Corporation Sdn. Bhd. (PRPC)	RM384,000.00	1624(2020)
11	2019	GEOTROPIKA-ICHITRA 2019	RM177,911.00	A.J510200.6600.06111
12	2018	Potential Use of Quarry Waste for Road Shoulder	RM36,421.00	1313

### INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Committee	54
National Committee	30
University Committee	55
Faculty Committee	117
Community Committee	4

### International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	The 9th International Conference on Low Carbon Asia	Reviewer	01/06/2023	24/06/2023
2	Elsevier (Case Studies in Construction Materials)	Reviewer	01/03/2023	27/03/2023
3	Elsevier (Journal of Cleaner Production)	Reviewer	01/02/2023	11/02/2023
4	Elsevier (Construction and Building Materials)	Reviewer	01/02/2023	11/02/2023
5	Elsevier (Construction And Building Materials – Conbuildmat-D-23-02196)	Reviewer	01/09/2023	24/09/2023
6	International Colloquium ( Sustainability In Civil & Environmental Engineering)	Member	04/10/2023	10/10/2023
7	International Topkapi Congress, Turkey	Presenter	15/03/2023	16/03/2023
8	Elsevier (Measurement – MEAS-D-22-03846)	Reviewer	/08/2022	/08/2022
9	Elsevier (Construction And Building Materials – Conbuildmat-D-22-06634)	Reviewer	02/09/2022	29/09/2022



10	Lawatan Teknikal ke King Mongkut's University of Technology North Bangkok, Bangkok, Thailand	Member	04/10/2022	07/10/2022
11	Regional Conference in Civil Engineering and Sustainable Development Goals in Higher Education Institutions 2021 (RCCE & SDGs 2021)	Participant	22/01/2022	23/01/2022
12	Elsevier (Measurement Journal – MEAS-D-22-03846R2)	Reviewer	22/10/2022	22/10/2022
13	Elsevier (Journal of Cleaner Production)	Reviewer	14/12/2022	14/12/2022
14	Elsevier (Ain Shams Engineering Journal)	Reviewer	01/12/2022	27/12/2022
15	Elsevier (Case Studies In Construction Materials – CSCM-D-22-01440)	Reviewer	17/08/2022	17/08/2022
16	Elsevier (Case Studies In Construction Materials – CSCM-D-22-02718)	Reviewer	12/12/2022	12/12/2022
17	Elsevier (Measurement Journal – MEAS-D-22-03846)	Reviewer	14/08/2022	14/08/2022
18	Elsevier (Case Studies In Construction Materials- CSCM-D-22-02718)	Reviewer	12/12/2022	12/12/2022
19	Elsevier (Measurement Journal)	Reviewer	01/08/2022	01/08/2022
20	Elsevier (Case Studies In Construction Maerials)	Reviewer	01/08/2022	01/08/2022
21	Elsevier (Structure – STRUCTURES-D-21-00362)	Reviewer	01/04/2021	30/06/2021
22	Elsevier (Construction & Building Materials – CONBUILDMAT-D-20- 05878R1)	Reviewer	01/03/2021	25/05/2021
23	2nd International Professional Doctorate and Postgraduate Symposium (iPDOCs 2021)	Reviewer	25/09/2021	25/09/2021
24	International Forum on Integrated Infrastructure Development, InFInID 2021	Participant	21/09/2021	22/09/2021
25	InFInID 2021: 025 – 009	Reviewer	06/08/2021	06/08/2021
26	InFInID 2021: 082-080	Reviewer	10/08/2021	10/08/2021
27	ASEAN University Network/Southeast Asia Engineering Education Development Network (AUN/SEED – Net)	Reviewer	06/07/2021	06/07/2021
28	Elsevier (Construction and Building Materials CONBUILDMAT-D-20-05878)	Reviewer	20/07/2020	21/08/2020
29	Elsevier (Construction and Building Materials CONBUILDMAT-D-20-03260)	Reviewer	05/04/2020	04/05/2020

30	12th International Conference on Geotechnical and Transportation Engineering & 2nd International Conference on Highway and Transportation Engineering 2021	Bendahari	01/11/2019	30/04/2021
31	Inbound Mobility Program (Universitas Islam Sultan Agung, Indonesia)	Lecturer	12/02/2019	05/03/2019
32	International UTM BRIDGE 2019 Model Competition	Member	05/08/2018	31/12/2018
33	The 3rd International Conference on Low Carbon Asia & Beyond (ICLCA 17)	Reviewer	01/01/2018	24/06/2018
34	International Highest Early Strength Self – Consolidating Concrete Cubee Competition 2018 (i-HESSCCC 2018)	Participant – Advisor	19/04/2018	20/04/2018
35	Technical Visit and Research Discussion	Member	05/11/2018	11/11/2018
36	Malaysian Journal of Civil Engineering, Manuscript : MJCE 0117-1	Reviewer	31/03/2017	31/03/2017
37	3rd International Conference on Construction and Building Engineering (ICONBUILD 2017)	Reviewer	14/08/2017	17/08/2017
38	International Conference on Civil and Environmental Engineering (CENVIRON 2017) – Paper ID:45, 96 & 151	Reviewer	22/12/2017	22/12/2017
39	Boot President University Forum 2017	Member	23/08/2017	23/08/2017
40	International UTM BRIDGE 2017 Model Competition	Participant	01/01/2017	31/12/2017
41	One Day Colloquium in Transport Issues – UTM – UNSRI COLLOQUIUM Collaboration	Participant	27/02/2017	27/02/2017
42	10th International Conference on Geotechnical and Transportation Engineering (GEOTROPIKA 2016)	Reviewer	26/12/2016	26/12/2016
43	International Conference on Science, Engineering, Management and Social Science 2016 (ICSEMSS 2016)	Participant	06/10/2016	07/10/2016
44	Malaysian Journal of Civil Engineering, Manuscript : MJCE 0715-3	Reviewer	21/01/2016	21/01/2016
45	2nd International Conference on Science, Engineering and the Social Sciences (ICSESS 2016).	Reviewer	27/06/2016	11/07/2016
46	Editorial Board Jurnal Teknologi – Special Edition (Transportation Behaviour & Human Factors)	Editor	11/05/2015	31/12/2015
47	Jurnal Teknologi Article – Special Edition (Transportation Behaviour & Human Factors)	Referee	21/06/2015	31/12/2015
48	4th International Conference on Engineering Business Management (ICEBM) 2015	Referee	22/08/2015	23/08/2015

49	25th International Invention, Innovation & Technology Exhibition – ITEX 2014	Member	07/05/2014	11/05/2014
50	Jurnal Teknologi Article-Special Edition (Highway and Transportation Engineering)	Referee	18/08/2014	31/08/2014
51	Jurnal Teknologi Article-Special Edition (Highway and Transportation Engineering)	Referee	10/07/2014	23/07/2014
52	Jurnal Teknologi Article-Special Edition (Highway and Transportation Engineering)	Referee	20/07/2014	10/08/2014
53	The 1st International Conference on Sustainable Urban Design for Livable Cities (SUDLIC 2014)	Member	01/04/2014	30/12/2014
54	The 3rd International Conference on Engineering Business Management (ICEBM 2014)	Member	25/08/2014	26/08/2014

### **National**

<b>NO</b>	<b>NAME OF COMMITTEE</b>	<b>ROLE</b>	<b>STARTING DATE</b>	<b>ENDING DATE</b>
1	Audit Program Teknologi Pembinaan & Vetting Item Pentaksiran Berterusan	Member	02/10/2023	02/10/2023
2	Journal of Cleaner Production – D-22-23083R1	Reviewer	01/03/2023	21/03/2023
3	UMP Research Series: Construction Engineering and Management (Volume 2)	Reviewer	31/03/2022	31/03/2022
4	Program Yayasan Petronas Sentuhan Kasih Disaster Relief (SKDR) Community-Based Disaster Risk Management (CBDRM) - SIRI 2-Sentuhan Kasih Disaster Relief Community Based Disaster Risk Management, Pekan Pahang	Member	17/06/2022	19/06/2022
5	Program Yayasan Petronas Sentuhan Kasih Disaster Relief (SKDR) Community-Based Disaster Risk Management (CBDRM) Komuniti Gugusan Kepulauan Tumpat Kelantan	Member	27/05/2022	29/05/2022
6	International Journal of Engineering, Technology and Sciences (IJETS)	Reviewer	01/06/2021	28/07/2021
7	Penilaian Program Diploma Teknologi Pembinaan Kolej Vokasional Ipoh	External Examiner	06/04/2021	30/06/2021
8	UMLAB Laboratory & Services Sdn. Bhd.	Technical Advisor	01/07/2021	01/07/2026
9	Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	Consultant	01/07/2021	01/07/2025
10	Traffic Study for Pengerang Integrated Complex (Pic) during Operation Stage for Petronas Refinery and Petrochemical Corporation Sdn Bhd (PRPC)	Consultant	01/01/2020	31/12/2020
11	Projek Mechanical & Durability Performance of Autoclaved Aerated Concrete With/Without Bottom Ash, Mortar, Cement - Sand Brick and Clay Brick bersama Green Cement Sdn Bhd	Consultant	01/09/2020	31/05/2021

12	Penganjur Bersama Pertandingan Master Build-off Competition	Member	01/12/2020	28/02/2021
13	AJK for REAM Specification and Guideline for Interlocking Concrete Pavers	Member	01/01/2020	31/12/2020
14	AJK for REAM Specification and Guideline for Interlocking Concrete Pavers	Member	11/11/2019	31/12/2019
15	2nd International Conference on Civil & Environmental Engineering 2019 (CENVIRON 2019) – Paper ID: 020 - 018	Reviewer	20/11/2019	21/11/2019
16	Kerja Perundingan: Menjalankan Kerja Mackintosh untuk Ujian Probe JKR di 37 Buah Stesen Sekitar Johor	Consultant	30/10/2018	15/11/2018
17	Knowledge Transfer Programme – Mersing	Member	22/01/2017	22/01/2017
18	Research Collaboration – Sto SEA Sdn. Bhd.	Researcher/Consultant	01/01/2017	31/12/2017
19	Research Collaboration - Khalid Latiff Holding Sdn. Bhd.	Researcher/Consultant	01/01/2017	31/12/2017
20	Forensic Civil Engineering Seminar 2017 (FoRCES'17)	Member	12/02/2017	43/10/2017
21	Aroma Malaysia: Biofuel	Consultant	01/01/2017	31/12/2017
22	Smart Rural Project	Consultant	21/05/2017	21/05/2017
23	Knowledge Transfer Programme - Mersing	Facilitator	06/02/2017	06/02/2017
24	Forensic Civil Engineering Seminar 2016 (FoRCES'16)	Member	29/03/2016	05/10/2016
25	Collaboration and Consultation Between PG Electrical Enterprise and FKA-UTM	Consultant	23/10/2016	31/12/2016
26	Pertanika Journal of Science & Technology (JST). Paper ID: 126	Reviewer	17/10/2016	17/10/2016
27	American Concrete Institute Kuala Lumpur Chapter	Member	08/09/2015	31/12/2015
28	Concrete Society of Malaysia	Member	09/03/2015	31/12/2015
29	Malaysian Journal of Civil Engineering – MJCE 0714-4	Rewiever	01/11/2014	30/11/2014
30	Malaysian Journal of Civil Engineering	Rewiever	01/10/2014	31/10/2014

### University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Persatuan Kakitangan Akademik Universiti Teknologi Malaysia	Member	01/01/2023	31/12/2023
2	Task Force Program “Voluntary Industrial Training” Bagi Pelajar Program Sarjana Muda Universiti Teknologi Malaysia	Member	22/05/2023	31/12/2023
3	Badan Kebajikan Staff (BAKES) UTM	Member	01/01/2023	31/12/2023
4	Misi Sumbangan Aidilfitri Mangsa Banjir Kg. Parit Basri, Seri Medan, Batu Pahat	Member	16/04/2023	17/04/2023

5	The 13th International Conference on Geotechnical and Transportation Engineering & 3rd International Conference of Highway and Transportation Engineering, 2024.	Chairman	01/01/2023	31/12/2023
6	Pembangunan Modul Persediaan Latihan Industri	Member	15/03/2023	31/12/2023
7	Taskforce Penyediaan/Penilaian/ Pemantauan Bagi Sebut Harga Kerja-Kerja Membina Pakir Kereta Berbumbung di Pusat Inovasi dan Pengkomesilan (ICC) UTM	Member	12/06/2022	30/11/2022
8	Task Force Program "Voluntary Industrial Training" Bagi Pelajar Program Sarjana Muda Universiti Teknologi Malaysia	Member	01/06/2022	31/05/2023
9	Ahli Projek Pemindahan Ilmu Teknik Pembinaan Menggunakan Interlocking Hotlow Brick System / UTM Construction Research Centre	Member	25/04/2022	25/07/2022
10	Taskforce Semakan Garis Panduan & Templat Thesis UTM	Member	01/08/2022	31/01/2023
11	Penilaian Peringkat Pertama Doktor Falsafah Semester 1, Sesi 2021/2022	Evaluator	28/04/2022	28/04/2022
12	Penilaian Peringkat Pertama Doktor Falsafah Semester 2, Sesi 2021/2022	Evaluator	12/07/2022	12/07/2022
13	50 Tahun Gemilang Bersama UTM	Member	13/10/2022	13/10/2022
14	Majlis Amanat Naib Canselor	Member	25/01/2022	25/01/2022
15	Perundingan Projek - Raw Copper Slag Analysis - VOT 1860	Consultant	30/01/2022	31/12/2023
16	Penilaian Proposal UTMFR 2022/2 Niche Area Innovative Engineering. UTMFR - PY/2022/03918	Evaluator	02/10/2022	03/10/2022
17	Penilaian Proposal UTMFR 2022/2 Niche Area Innovative Engineering. UTMFR - PY/2022/04328	Evaluator	02/10/2022	03/10/2022
18	Projek Khidmat Komuniti 2022 UTM Construction Research Centre (UTM CRC)-Projek Pembinaan Rumah Adik Syafiq	Member	25/04/2022	25/07/2022
19	Malaysian Journal of Civil Engineering	Reviewer	26/06/2022	26/06/2022
20	Program Lawatan Kolaborasi dan Aktiviti Projek Binaan Konkrit Lestari	Member	05/12/2021	05/12/2021
21	Badan Kebajikan Staf Universiti Teknologi Malaysia	Member	01/01/2021	31/12/2021
22	Program Gotong Royong Perdana	Member	22/02/2020	22/02/2020
23	Mechanical & Durability Performance of Autoclaved Aerated Concrete With/Without Bottom Ash, Mortar, Cement - Sand Brick and Clay Brick bersama Green Cement Sdn Bhd	Consultant	01/09/2020	31/05/2021

24	Kelulusan Dana Technology Implementation Fund (TIF) - Sustainable Off-Grid Photovoltaic Eco-Gallery	Member	01/07/2020	31/12/2021
25	Projek : Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal Dan Kursus Teknikal) VOT 1379	Consultant	29/11/2020	31/12/2020
26	Penilaian Proposal UTMFR 2020/1 Niche Area Innovative Engineering UTM - PY/2020/04280	Evaluator	01/08/2020	25/09/2020
27	Persatuan Kakitangan Akademik (PKA) Universiti Teknologi Malaysia	Member	01/01/2019	31/12/2019
28	Industrial Art and Technology Exhibition 2019 (INATEX 2019) – WMA-CUP LUMP	Participant	30/09/2019	03/10/2019
29	11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA). Paper ID: 099 - 112	Reviewer	11/01/2019	11/01/2019
30	4th International Conference On Construction And Building Engineering & 12th Regional Conference In Civil Engineering (CONBUILD & RCCE 2019) Paper ID: 007-005	Reviewer	30/07/2019	30/07/2019
31	4th International Conference On Construction And Building Engineering & 12th Regional Conference In Civil Engineering (CONBUILD & RCCE 2019) Paper ID: 037-040	Reviewer	23/07/2019	23/07/2019
32	Engineering Industry Innovation Day 2019 (EIID2019)	Evaluator	11/09/2019	11/09/2019
33	Penilaian Proposal UTMFR 2019/1 Niche Area Innovative Engineering	Evaluator	15/10/2019	01/11/2019
34	Penilaian Proposal GUP TIER 2 2019/1 Niche Area Innovative Engineering	Evaluator	15/05/2019	15/05/2019
35	The 1st International Conference on Highway and Transportation Engineering	Member	01/01/2018	31/12/2018
36	The 11th International Conference on Geotechnical and Transportation Engineering	Setiausaha	01/01/2018	12/02/2018
37	Kolaborasi Penyelidikan Bersama	Consultant	23/03/2018	31/12/2018
38	The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED). Paper ID: 101-110	Reviewer	14/07/2018	14/07/2018
39	The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED). Paper ID: 016-010	Reviewer	22/07/2018	22/07/2018
40	3rd International Conference on Construction and Building Engineering, ICONBUILD	Reviewer	14/01/2018	14/01/2018

41	11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA). Paper ID: 086 - 090	Reviewer	22/12/2018	22/12/2018
42	11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA). Paper ID: 024 - 018	Reviewer	26/11/2018	26/11/2018
43	Perkhidmatan Perundingan ( Ujian-Ujian Bahan Pembinaan, Laporan Teknikal dan Kursus Teknikal)	Consultant	26/03/2018	31/12/2018
44	International UTM Bridge Model Competition (UTMBRIDGE 2019)	Member	11/10/2018	31/12/2019
45	Penilaian Proposal GUP TIER 2 2017/1 Niche Area Innovative Engineering	Evaluator	23/05/2017	23/05/2017
46	Industrial Art and Technology Exhibition 2017 (INATEX 2017) – BIO-ASPHALT	Participant	21/11/2017	22/11/2017
47	Program Khidmat Masyarakat Generasi Mahasiswa Proaktif 2017 (GEMPAK'17)	Facilitator	31/03/2017	31/03/2017
48	Program 'Jom Patching Jalan'	Member	19/10/2016	19/12/2016
49	Info Day Postgraduate UTM	Member	07/05/2015	07/05/2015
50	Lawatan Kerjasama Universiti dan Industri	Member	18/05/2015	22/05/2015
51	Penilaian Proposal GUP 2015/3 Niche Area Innovative Engineering	Evaluator	25/10/2015	25/10/2015
52	Alumni UTM	Member	01/01/2014	31/12/2014
53	Industrial Art & Technology Exhibition (INATEX) 2014	Participant	30/09/2014	02/10/2014
54	Kurikulum Program Sarjana Sains (Kelestarian Infrastruktur)	Member	01/04/2014	31/12/2014
55	Industrial Art & Technology Exhibition (INATEX) 2013	Participant	02/10/2013	04/10/2013

### **Faculty**

<b>NO</b>	<b>NAME OF COMMITTEE</b>	<b>ROLE</b>	<b>STARTING DATE</b>	<b>ENDING DATE</b>
1	Ahli Jawatankuasa Kurikulum Dan Silibus Fakulti Kejuruteraan Awam Sesi 2023-2024	Member	01/10/2023	30/09/2023

2	Aktiviti Khidmat Masyarakat, Kerohanian Dan Kuliah Dhuha Bagi Tahun 2023 Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA)	Member	01/01/2023	31/12/2023
3	Ahli Panel Penilai Bagi Pembentangan Projek Sarjana 2 Semester 2 Sesi 2022/2023	Member	19/06/2023	21/06/2023
4	Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA)	Member	01/01/2023	31/12/2023
5	Penilaian Keputusan Peperiksaan Semester 1 Sesi 2022/2023	Member	05/03/2023	05/03/2023
6	Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2023/2024	Member	12/12/2023	14/12/2023
7	FKA Industry-Community Engagement Day (FKA ICE Day 2023)	Moderator	11/12/2023	11/12/2023
8	FKA Industry-Community Engagement Day (FKA ICE Day 2023)	Exhibitor	04/12/2023	11/12/2023
9	Penilaian Bagi Pembentangan Projek Sarjana 1 Semester 3 Sesi 2022/2023	Member	04/09/2023	07/09/2023
10	Pengawas Peperiksaan Semester 1 Sesi 2022/2023	Member	06/02/2023	23/02/2023
11	Penilaian Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2022/2023	Member	15/05/2023	17/05/2023
12	Penilaian Bagi Pembentangan Projek Sarjana 2 Semester 1 Sesi 2022/2023	Member	16/01/2023	17/01/2023
13	Mock Viva Sarjana Falsafah FKA, UTM	Member	08/01/2023	08/01/2023
14	Jawatankuasa Taskforce Penambahbaikan Modul Kejuruteraan Jalanraya (SEAA 2832) Dan Kejuruteraan Trafik (SEAA 3842)	Member	20/08/2023	31/12/2023
15	ENVISION SO3: Advanced From Lab to Market Fakulti Kejuruteraan Awam	Leader	13/03/2023	31/12/2023
16	Jawatankuasa Self Assessment Report Sect 4	Member	01/07/2023	31/12/2024
17	AJK Akademik Fakulti (JKAF) Pra Siswazah FKA	Member	01/10/2022	30/09/2023
18	Jawatankuasa Pavement & Transport Research Group / PTRG	Member	01/09/2022	31/12/2023
19	ENVISION 2025 ; S03 - Advancing From Lab to Market	Member	01/03/2022	31/12/2022
20	Penyeliaan Latihan Industri Semester Pendek Sesi 2021/2022	Supervisor	28/08/2022	07/10/2022
21	Penilaian Projek Sarjana 1 Semester 1 sesi 2022/2023	Evaluator	19/12/2022	12/01/2023



22	Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2022/2023	Evaluator	12/12/2022	13/12/2022
23	Penilaian Projek Sarjana 2 Semester 2 sesi 2021/2022	Evaluator	20/06/2022	21/06/2022
24	Khidmat Masyarakat, Kerohanian Dan Kuliah Dhuha Bagi Tahun 2022	Member	01/01/2022	31/12/2022
25	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	02/01/2022	02/01/2022
26	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	17/05/2022	17/05/2022
27	Kelab Keluarga Fakulti Kejuruteraan Awam	Member	01/01/2022	31/12/2022
28	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 2 Sesi 2021/2022	Evaluator	31/05/2022	31/05/2022
29	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 1 Sesi 2020/2021	Evaluator	11/01/2022	11/01/2022
30	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 1 Sesi 2020/2021	Evaluator	03/01/2022	05/01/2022
31	Penilaian Projek Sarjana 1, Semester 2 Sesi 2021/2022	Evaluator	05/06/2022	16/06/2022
32	Penilaian Projek Sarjana 2 Semester 2 Sesi 2021/2022	Evaluator	20/06/2022	20/06/2022
33	Penyelia Makmal Fakulti Kejuruteraan Awam – Program Separuh Masa	Supervisor	25/08/2022	30/08/2022
34	Penyelia Projek Sarjana 1 Semester 2 Sesi 2021/2022	Supervisor	19/04/2022	31/03/2023
35	Penyelia Projek Sarjana 1 Semester 1 Sesi 2021/2022	Supervisor	22/11/2021	03/01/2022
36	Kelab Keluarga Sekolah Kejuruteraan Awam Sesi 2021/2022 – 2022/2023	Member	01/07/2021	01/09/2023
37	AJK Akademik Sekolah (JKAS) Pra Siswazah Sekolah Kejuruteraan Awam	Member	01/09/2021	31/12/2021
38	AJK Sistem Pengurusan Kualiti - Prosedur Pengendalian Latihan Industri	Member	01/01/2021	31/12/2022
39	6th Proceeding of Civil Engineering	Reviewer	01/01/2021	31/12/2021
40	Coordinator for Engineering Doctorate Programmes	Member	20/04/2021	31/12/2021
41	AJK Audit Interim Sekolah Kejuruteraan Awam	Member	01/01/2021	31/12/2021
42	Penilaian Projek Sarjana 1, Semester 2 Sesi 2020/2021	Evaluator	30/05/2021	10/06/2021
43	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 2 Sesi 2020/2021	Evaluator	03/05/2021	05/05/2021
44	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	18/01/2021	18/01/2021
45	Pre – Final Year Project, SKAB 4022 – Semester 1 Session 2020/2021	Evaluator	01/01/2021	14/01/2021
46	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 2 Sesi 2020/2021	Evaluator	31/05/2021	02/06/2021
47	Penyelia Projek Sarjana 1 Semester 2 Sesi 2020/2021	Supervisor	20/04/2021	31/12/2021
48	Penilaian Projek Sarjana 1, Semester 3 Sesi 2020/2021	Evaluator	06/09/2021	07/09/2021
49	Penilaian Projek Sarjana 2 Semester 2 Sesi 2020/2021	Evaluator	15/06/2021	16/06/2021
50	Penilaian Projek Sarjana 1 Semester 1 Sesi 2020/2021	Evaluator	04/01/2021	14/01/2021

51	Program Future Ready Educators (FREE), Fakulti Kejuruteraan	Participant	01/05/2020	30/04/2021
52	Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2020/2021	Evaluator	23/12/2020	23/12/2020
53	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	10/12/2020	10/12/2020
54	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	21/12/2020	21/12/2020
55	Penyelia Projek Sarjana Muda, Program Pengajian Separuh Masa semester 1 Sesi 2020/2021	Supervisor	15/10/2020	28/02/2021
56	Penyelia Pelajar Program Luar (Doktor Kejuruteraan - Teknologi & Pengurusan Pembinaan)	Supervisor	01/10/2020	31/12/2020
57	Kelab Keluarga Fakulti Kejuruteraan Awam	Member	01/12/2020	31/12/2020
58	Teaching Module For Civil Engineering Research Students	Editor	01/01/2020	31/12/2020
59	Khidmat Masyarakat, Kerohanian Dan Kuliah Dhuha Bagi Tahun 2020	Member	01/01/2020	31/12/2020
60	PTRG Sharing Session 1	Moderator	03/09/2020	03/09/2020
61	Penyelia Projek Sarjana 1 Semester I Sesi 2020/2021	Evaluator	26/11/2020	30/06/2021
62	Penilaian Pembentangan Peringkat Pertama Penyelidikan - Semester 2 Sesi 2019/2020	Evaluator	28/06/2020	30/06/2020
63	Penilaian Projek Sarjana 1 Semester 2 Sesi 2019/2020	Evaluator	10/06/2020	18/06/2020
64	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	09/07/2020	09/07/2020
65	Pembentangan Projek Sarjana Muda - SKAA4034, Semester 2 Sesi 2019/2020	Evaluator	07/07/2020	08/07/2020
66	Penyelia Projek Sarjana 1 Semester 2 Sesi 2019/2020	Supervisor	04/05/2020	31/12/2020
67	Program FE GOLD 1 - Mentee	Member	01/03/2020	31/08/2020
68	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	14/10/2020	14/10/2020
69	Panel Penilai Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2019/2020	Evaluator	01/07/2020	02/07/2020
70	Pasukan Tindakan Kecemasan (ERT) SKA	Member	14/10/2018	31/12/2020
71	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	08/09/2019	08/09/2019
72	Pengawas Peperiksaan Akhir Sem 2 Sesi 2018/2019	Member	14/05/2019	31/05/2019
73	Panel Penilai Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2018/2019	Evaluator	09/04/2019	09/04/2019
74	Pembentangan Projek Sarjana Muda - SKAA4034, Semester 1 Sesi 2019/2020	Evaluator	18/12/2019	18/12/2019
75	Pembentangan Projek Sarjana Pesisir Sabah, Semester 2 Sesi 2018/2019	Evaluator	27/04/2019	27/04/2019
76	Buku Research Methodology In Civil Engineering	Member	10/07/2019	31/12/2019
77	Pasukan Tindakan Kecemasan (ERT) fakulti Kejuruteraan Awam	Member	01/01/ 2019	13/10/2019
78	Kelab Keluarga Sekolah Kejuruteraan Awam	Head of Welfare Bureau	01/01/2019	05/03/2019
79	Khidmat Masyarakat dan Kuliah Dhuha Bagi Tahun 2018	Member	01/01/2018	21/12/2018
80	Penilaian Pembentangan Peringkat Pertama Penyelidikan - Semester 2 Sesi 2017/2018	Evaluator	02/05/2018	07/05/2018

81	Penilaian Bagi Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2018/2019	Evaluator	24/12/2018	29/10/2018
82	Pembentangan Projek Sarjana Muda - SKAA4034, Semester 2 Sesi 2017/2018	Evaluator	03/06/2018	04/06/2018
83	Viva Voce Fakulti Kejuruteraan Awam – Tan Lay Ting	Evaluator	21/02/2018	21/02/2018
84	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	26/03/2018	26/03/2018
85	Penilaian Pembentangan Projek Sarjana 2 Semester 1 Sesi 2018/2019	Evaluator	10/12/2018	12/12/2018
86	Pengawas Peperiksaan Akhir Sem 1 Sesi 2018/2019	Chief Invigilator	22/12/2018	08/01/2019
87	Pengawas Peperiksaan Akhir Sem 2 Sesi 2017/2018	Chief Invigilator	26/05/2018	11/06/2018
88	Pengawas Peperiksaan Akhir Sem 1 Sesi 2017/2018	Chief Invigilator	02/01/2018	18/01/2018
89	Majlis Anugerah Kualiti Fakulti 2017 & Jamuan Hari Raya 2018	Co-emcee	19/07/2018	19/07/2018
90	Kelab Keluarga Sekolah Kejuruteraan Awam	Member	01/01/2018	31/12/2018
91	Semakan, Pembentangan Dan Mesyuarat Keputusan Peperiksaan Akhir Sem 2 Sesi 2017/2018 SPACE	Member	28/06/2018	28/06/2018
92	Task Force- FKA AKREDIRASI - 28 MEI 2017	Member	28/05/2017	31/12/2017
93	Kelab Keluarga 2017	Member	01/01/2017	31/12/2017
94	TAHLIL JGP	Member	20/02/2017	31/12/2017
95	Pasukan Tindakan Kecemasan (ERT) SKA	Member	13/04/2017	31/12/2017
96	Perbincangan Berkaitan Modul Program Pembangunan Profesional	Member	01/01/2017	01/01/2017
97	Penyelia Sarjana Program Luar (Separuh Masa) – Semester 2 Sesi 2016/2017	Supervisor	01/01/2017	31/12/2017
98	Penilaian Pembentangan Peringkat Pertama Penyelidikan – Semester 1 Sesi 2017/2018	Evaluator	20/11/2017	20/11/2017
99	Penilaian Projek Sarjana Muda - SKAA4022, Semester 1 Sesi 2017/2018	Evaluator	22/11/2017	22/11/2017
100	Penilaian Pembentangan Projek Sarjana 2 Semester 1 Sesi 2017/2018	Evaluator	30/11/2017	30/11/2017
101	Penilaian Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2016/2017	Evaluator	27/03/2017	27/03/2017
102	Penyelia Pelajar Sarjana Master Progran Luar (Separuh Masa), Semester 1 Sesi 2016/2017	Supervisor	20/09/2016	31/12/2016
103	Kelab Keluarga Fakulti Kejuruteraan Awam 2016	Member	01/10/2016	31/12/2016
104	Penyelia Program Sarjana Muda Semester 1 Sesi 2016/2017	Supervisor	27/09/2016	31/12/2016
105	Penyelia Sarjana Program Luar (Separuh Masa) Semester 1 2016/2017	Supervisor	20/09/2016	31/12/2016
106	Bengkel Menyediakan Proposal Kontrak Research Untuk Perbadanan Pengangkutan Awam Johor (PAJ)	Consultant	10/11/2016	11/11/2016
107	Penilaian Pembentangan Projek Sarjana 2 Semester 1 Sesi 2016/2017	Evaluator	22/12/2016	22/12/2016
108	Pengawas Peperiksaan Akhir Sem 2 Sesi 2014/2015	Chief Invigilator	07/06/2015	28/06/2015

109	Penilaian Proposal GUP 2015/3 Niche Area Innovative Engineering	Evaluator	25/10/2015	25/10/2015
110	Penyelia Khemah Ukur Pelajar Tahun 1 SKAW Semester 2, Sesi 2014/2015	Facilitator	23/08/2015	01/09/2015
111	Culturing Knowledge FKA	Member	30/08/2015	31/12/2015
112	Majlis Anugerah Kualiti Fakulti 2014	Member	23/07/2015	18/08/2015
113	Penilaian Pembentangan Projek Sarjana Semester 1, Sesi 2014/2015	Evaluator	22/12/2014	23/12/2014
114	Penilaian Pembentangan Projek Sarjana Semester 2, Sesi 2013/2014	Evaluator	20/05/2014	21/05/2014
115	Penilaian Peperiksaan Lisan (VIVA VOCE)	Evaluator	18/12/2014	18/12/2014
116	Semakan dan Pembentangan Keputusan Peperiksaan Program	Member	02/07/2014	02/07/2014
117	Pembentangan Keputusan Peperiksaan Program – Semester 2 Session 2013/2014	Member	03/07/2014	03/07/2014

### **Community**

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Program Komuniti Sayangi Sungai Johor Bagi Kajian 'GCRF Water Security And Sustainable Development Hub'	Member	12/02/2023	12/02/2023
2	Program Yayasan Petronas Sentuhan Kasih Disaster Relief (SKDR) Community-Based Disaster Risk Management (CBDRM) Komuniti Gugusan Kepulauan Tumpat Kelantan	Member	27/05/2022	29/05/2022
3	UM Laboratory & Services Sdn. Bhd	Advisor	01/07/2021	31/12/2021
4	Khidmat Masyarakat Bersama JKR Mersing Penilaian Kerosakkan Jalan di Tanjung Resang Mersing	Member	01/01/2019	31/12/2019

### **SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES**

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1	2023 SEOUL International Invention Fair	COEX, Seoul Korea	01/11/2023	04/11/2023
2	Distinguished Lecture on Pavement Design and Construction	Universiti Teknologi Malaysia (UTM)	09/04/2023	16/05/2023
3	Bengkel Pembangunan Modul Peralatan Latihan Industri, UTM	The Capri by Fraser Hotel, Johor Bahru	17/05/2023	18/05/2023
4	Bengkel Paten untuk Kategori Sains & Teknologi	Universiti Teknologi Malaysia (UTM)	21/03/2023	21/03/2023
5	Research And Integrated Studies Symposium	Politeknik Metro Betong / Sarawak	11/09/2023	13/09/2023
6	Visual Assessment: A Guideline to Assess Flexible Pavement Surface Conditions	Transportation Laboratory, UTM	09/05/2023	10/05/2023
7	Talk on "How to Become a Professional Engineer As An Academician"	Faculty Of Chemical & Energy Engineering, UTM	23/02/2023	23/02/2023

8	BEM Webinar 2023 Series - Route to Professional Engineer	Board Of Engineers Malaysia	08/05/2023	08/05/2023
9	BEM Webinar 2023 Series - Preview of EAC Standard 2024	Board Of Engineers Malaysia	01/11/2023	01/11/2023
10	Ceramah Perdana Peringkat UTM 2023	Pusat Islam Universiti Teknologi Malaysia	30/03/2023	30/03/2023
11	MIROS-UKM Webinar Keselamatan Jalan Raya Siri 1 -2022: Metodologi Terkini Dalam Menganalisis Keselamatan Infrastruktur Jalan Raya	Institut Penyelidikan Keselamatan Jalan Raya Malaysia (MIROS)	08/03/2022	08/03/2022
12	Kursus Road Structure And Surface Evaluation	UMLab laboratory & Services Sdn Bhd	26/10/2022	26/10/2022
13	2 Days Workshop-Asphalt Concrete: Production, Construction and Compliance	Pavement Transport Reseach Group (PTRG)	19/09/2022	20/09/2022
14	Bengkel Semakan Garis Panduan dan Templat Tesis Siri 1	Sekolah Pengajian Siswazah, UTM	25/09/2022	25/09/2022
15	UTM Library Supporting Your Research Webinar Series 2022	Perpustakaan UTN	19/05/2022	19/05/2022
16	Web of Science Workshop	Universiti Teknologi Malaysia (UTM)	14/08/2019	14/08/2019
17	Remote Supervision Course (AS 104)	Universiti Teknologi Malaysia (UTM)	11/11/2019	11/11/2019
18	Shortcourse on Geophysical Methods for Road Construction and Maintenance	Pavement Transport Reseach Group (PTRG)	05/03/2019	05/03/2019
19	Workshop on Publication and Site Visit at Kampung Air Merah, Mersing, Johor	Faculty of Civil Engineering	05/12/2018	06/12/2018
20	REAM – LAFARGE Building Better Road Seminars	Jabatan Kerja Raya Malaysia	17/04/2017	17/04/2017
21	Mendeley Workshop	Mendeley Advisor	25/03/2017	25/03/2017
22	Asphalt Pavement Analyzer (APA) Training	Faculty of Civil Engineering, UTM	28/08/2016	28/08/2016
23	Kursus Engineering Management	Omahams Corporation Sdn Bhd	22/08/2016	23/08/2016
24	Forensic Civil Engineering Seminar 2017 (FoRCES'17)	Forensic Unit, Faculty of Civil Engineering	04/10/2016	05/10/2016
25	Kursus Pavement Forensic Investigation	Faculty of Civil Engineering, UTM	06/10/2015	08/10/2015
26	Seminar on Advances And Challenges In Construction (ACC'14)	Faculty of Civil Engineering, UTM	25/08/2014	26/08/2014
27	Attractive & Effective Presentation With Popenpoint And Prezi Workshop	PGSS - Faculty of Civil Engineering, UTM	07/11/2013	07/11/2013
28	Micro Structural Analysis (TGA/DTA, MIP, XRD, SEM & FTIR)	PGSS - Faculty of Civil Engineering, UTM	09/03/2013	09/03/2013

## RESEARCH ACTIVITIES

Summary

Principal Investigator- International Grants	<b>1 project (RM60,000)</b>
Principal Investigator- National Grants	<b>0 project (RM0)</b>
Principal Investigator- UTM Grants	<b>3 projects (RM145,000)</b>
Member- International Grants	<b>2 projects (RM128,834)</b>
Member- National Grants	<b>12 projects (RM1,863,653.32)</b>
Member- UTM Grants	<b>23 projects (RM999,050)</b>

**As a principal investigator**

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STAR TING DATE	ENDING DATE	VOTE NO
1	Traffic Management Strategies for Effective Urban Transportation System in Zaria Local Government, Kaduna State, Nigeria	PI	Others	International	60,000	17/03/2021	16/03/2024	R.J13000.73 51.4B703
2	Performance Of Effective Microorganisms Mortar as Concrete Block Pavement Surface	PI	UTM	High Impact Research Grant	75,000	01/04/2018	31/03/2021	Q.J130000.2 451.04 G54
3	Strengthening of Low Bearing Capacity Subgrade Soil Using Intelligent Shape Concrete Panel (ISCP) for Rural Road	PI	UTM	Research University Grant-RUG – Tier 1	50,000	01/02/2016	31/01/2018	Q.J130000.2 522.13 H03
4	Investigation on Nailed Edge Restraint Concrete Block Paver for Pavement	PI	UTM	Potential Academic Staff Grant	20,000	01/05/2015	20/04/2016	Q.J130000.2 722.01 K67

**As a scientific member**

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STAR TING DATE	ENDING DATE	VOTE NO
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1	Chemical and Rheological Ageing Indices to Track Oxidative Ageing for Rejuvenated Recycle Asphalt Binder	Member	OTHERS	Fundamental Research Grant Scheme	74,500.00	01/09/2022	31/08/2024	R.J130 000.78 51.5F5 81
2	Exploring Fibreglass By-Product as A Potential Stabilizing Agent in Asphalt Mixture	Member	OTHERS	Contract Research DTD	56,362.32	01/03/2024	30/11/2024	R.J130 000.76 22.4C 791
3	Kelah Fish Farming System with Internet of Things (IoT) Technology	Member	UTM	Technology Implementation Fund	50,000.00	01/01/2024	31/12/2025	Q.J13 0000.2 223.00 Q30
4	From Flares to Future: Transforming CO2 Emissions into Sustainable Construction Solutions at Onshore Gas Terminals	Member	OTHERS	Contract	921,630.00	15/05/2024	14/05/2026	R.J130 000.76 22.4C 806
5	CO2 Capturing Concrete	Member	UTM	Industry-International Incentive Grant	15,000.00	01/06/2021	30/11/2022	Q.J13 0000.3 651.03 M24
6	The Impact of Road Geometrical Parameters on Travel Speed in Urban Area	Member	UTM	Industry-International Incentive Grant	20,000	01/06/2021	31/05/2022	Q.J13 0000.3 651.03 M34
7	Green CO2 Capturing Concrete	Member	OTHERS	International – Asean ROK (Next Inovator Korea)	40,000	01/03/2021	28/02/2023	R.J130 000.73 51.4B6 37
8	Komposit Perabot Lestari Dari Sisa Industri Dan Sisa Pertanian	Member	UTM	National - Business Entity Grant	20,000	01/02/2021	31/01/2022	S.J130 000.08 51.4Y3 00
9	GRFP Bench Enhanced with Tin Slag	Member	UTM	Networking Grant	4,000	01/02/2021	31/01/2022	S.J130 000.76 09.4X6 43

	Polymer Concrete							
10	Potential Application of Resin Polymer Residue from Surfactor Factory	Member	OTHERS	National - Contract Research	22,000	01/09/2020	31/12/2021	R.J130 000.76 51.4C 404
11	Cup Lump Modified Cold Mix Asphalt for Road Patching	Member	UTM	High Impact Research Grant	110,000	01/01/2020	30/09/2023	Q.J13 0000.2 451.09 G20
12	Impact of Aggressive Behaviour on Speed Selection by Young and Middle-aged Drivers	Member	UTM	Research University Grant- RUG – Tier 2	30,000	01/11/2019	30/04/2022	R.J130 000.26 51.17J 34
13	Determination of Sustainable Practice using Machine Learning and Shear Wave Velocity Method for Road Design and Maintenance	Member	UTM	Research University Grant- RUG – Tier 2	30,000	01/11/2019	30/04/2021	R.J130 000.26 51.17J 87
14	A New Trend of Bio-Silica and Calcium Oxide: Dual Function of Early and Later Concrete Development	Member	OTHERS	International - Business Entity Grant	88,834	01/05/2019	30/04/2020	S.J130 000.00 51.4Y2 26
15	Projek Penilaian Forensik Jalan bersama Industri	Member	OTHERS	National - Business Entity Grant	1,561	01/03/2019	31/08/2020	S.J130 000.08 51.4Y2 12
16	Microstructural Behaviour for Reversible Moisture Damage in Flooded Asphalt Mixture	Member	OTHERS	Fundamental Research Grant Scheme	61,000	01/01/2019	30/09/2021	R.J130 000.78 51.5F0 19
17	Reactivity of Bio-Energized Ovocalyxin Lime as Green Accelerator for Early Strength Blended Cement	Member	OTHERS	Fundamental Research Grant Scheme	115,300	01/01/2019	31/03/2022	R.J130 000.78 51.5F0 34



	Concrete							
18	Urban Heat Island Effect: Thermal Response of Conventional and Modified Asphalt Pavements	Member	UTM	Research University Grant- RUG TIER 1	50,000	01/02/2018	31/01/2020	Q.J13 0000.2 522.19 H82
19	Sustainable Farming with Green Technology	Member	OTHERS	National - Contract Research	10,600	01/10/2017	31/08/2018	R.J130 000.76 23.4C 157
20	Performance of Rejuvenated Recycled Asphalt Mixture	Member	UTM	Research University Grant- RUG – Tier 2	20,000	01/07/2017	30/09/2018	Q.J13 0000.2 622.14 J09
21	Prediction on the Remaining Strength of Flooded Asphalt Mixture	Member	UTM	Research University Grant- RUG – Tier 1	32,800	01/07/2017	30/06/2019	Q.J13 0000.2 522.17 H68
22	Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat, Muar, Kulai dan Pasir Gudang.	Member	OTHERS	National - Contract Research	460,000	01/01/2017	31/05/2018	R.J130 000.76 22.4C 127
23	Pemindahan Teknologi Kaedah Rekabentuk Turapan Jalan	Member	OTHERS	National – (IISJ) Business Entity Grant	5,000	01/11/2016	28/02/2017	S.J130 000.08 22.4Y0 60
24	Sustainable Temperature Control for Broiler House in Malaysia	Member	UTM	Research University Grant- RUG TIER 1	40,000	01/11/2016	31/10/2018	Q.J13 0000.2 523.15 H88
25	Mechanical Properties of High Strength Concrete Using High Volume Crushed Ceramic Waste Tiles As Aggregates And Cement Replacement Material.	Member	UTM	Research University Grant- RUG TIER 1	40,000	01/10/2016	31/03/2019	Q.J13 0000.2 522.15 H76

26	Reactive Silica Concrete Containing Eggshell as Hybrid Concrete Supplementary	Member	UTM	Potential Academic Staff Grant	20,000	01/10/2016	30/09/2017	Q.J13 0000.2 722.02 K54
27	Pembangunan Organisasi Universiti Teknologi Malaysia dan Kesan kepada Staf dan Kakitangan Universiti Teknologi, Skudai, Johor	Member	UTM	Research University Grant- RUG TIER 2	10,000	01/10/2016	30/09/2017	Q.J13 0000.2 631.11 J72
28	Simulation Study on Different Configuration of Base Column in Lateral Resistance of Diagrid System	Member	UTM	Research University Grant- RUG TIER 2	20,000	01/10/2016	30/09/2017	Q.J13 0000.2 622.12 J25
29	Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung)	Member	OTHERS	National - Institut Inovasi Strategik Johor (IISJ)	39,500	15/07/2016	14/07/2017	Q.J13 0000.2 522.15 H16
30	Interaction Mechanism Between Bituminous Mixtures and Kenaf Fibre to Improve Resistance Against Rutting And Moisture Damage of Flexible Pavement	Member	UTM	Research University Grant- RUG TIER 1	50,000	15/11/2015	14/11/2017	Q.J13 0000.2 522.11 H35
31	Synergistic Reaction Effects of Tropical Microorganism and Carbide Lime Together with Reactive Silica on	Member	OTHERS	Fundamental Research Grant Scheme	96,200	02/11/2015	01/11/2018	R.J130 000.78 22.4F7 22

	Strength and Durability of Concrete							
32	Evaluation On Project Based Learning Implementation for Civil Engineering Students in Malaysian University	Member	UTM	Research University Grant- RUG TIER 1	37,500	15/11/2015	31/12/2017	Q.J13 0000.2 522.11 H07
33	A Study on The Use of Various Water-Absorbant Materials for Self-Curing Concrete in Tropical Climate	Member	UTM	Research University Grant- RUG TIER 1	50,000	15/11/2015	14/11/2017	Q.J13 0000.2 522.12 H32
34	Development of High Permeability and Low Noise Concrete Paving Blocks	Member	UTM	Research University Grant- RUG TIER 1	49,750	01/05/2015	31/10/2016	Q.J13 0000.2 522.10 H02
35	Development and Performance of Low Noise Concrete Block Pavement	Member	UTM	Research University Grant- RUG TIER 1	130,000	01/12/2012	31/12/2014	Q.J13 0000.2 522.03 H47
36	Engineering Properties of Hot Mix Recycling Asphalt Mixtures	Member	UTM	Research University Grant- RUG – Tier 2	40,000	01/04/2011	31/10/2012	Q.J13 0000.2 622.01 J84
37	Grooved Underside Concrete Blocks for Pavement	Member	UTM	Research University Grant- RUG TIER 1	130,000	01/04/2011	31/03/2013	Q.J13 0000.2 522.00 H93

#### COLLABORATION / MOU

NO	NAME OF MOU/LOC/MOA	LEVEL OF MOU (NATIONAL/INTERNATIONAL)	STARTING DATE	ENDING DATE
1	LOC - UTM & Universitas Katolik Parahyangan, Indonesia	INTERNATIONAL	26/09/2023	25/09/2028
2	MOU - Kerjasama antara Safwa Global Venture (M) Sdn Bhd dan Universiti Teknologi Malaysia (UTM)	NATIONAL	23/08/2023	22/08/2028
3	MOU - Kerjasama antara UMILAB Laboratory & Services Sdn Bhd dan Universiti Teknologi Malaysia (UTM)	NATIONAL	28/7/2020	31/12/2020

4	MOU - Join Research and Consultancy Activities	NATIONAL	24/4/2019	31/12/2019
5	MOU - Student Exchange, Research, Consultancy, Teaching, Seminar and Join Supervision	INTERNATIONAL	27/2/2019	31/12/2019
6	MOA - Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat, Muar, Kulai dan Pasir Gudang	NATIONAL	01/1/2018	01/6/2018
7	MOU between PAJ and UTM - 10 SEPT 2017	NATIONAL	01/1/2017	30/11/2017
8	MOA between PAJ and UTM - 10 SEPT 2017	NATIONAL	01/1/2017	30/11/2017
9	MOU between Indonesian Society for Geotechnical Engineering and Faculty of Civil Engineering, Universiti Teknologi Malaysia	INTERNATIONAL	17/2/2016	31/12/2016

### TEACHING ACTIVITIES

Summary	
Total Credit Hours	312

### UNDERGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2023/2024	2	SEAA3012	Makmal Kejuruteraan Awam 2	2	44
2023/2024	2	SEAA3045	Latihan Industri	5	1
2023/2024	2	SEAA4813	Rekabentuk Pavemen dan Pembinaan	3	16
2023/2024	2	SEAA4823	Perancangan Pengangkutan	3	4
2023/2024	1	SEAA2832	Kejuruteraan Jalanraya	2	34
2023/2024	1	SEAA3012	Makmal Kejuruteraan Awam 2	2	30
2023/2024	1	SEAA4022	Kaedah Penyelidikan dan Pra Projek	2	3
2022/2023	2	SEAA2832	Kejuruteraan Jalanraya	2	30
2022/2023	3	SEAA3045	Latihan Industri	5	272
2022/2023	1	SEAA2832	Kejuruteraan Jalanraya	2	48
2022/2023	1	SEAA4022	Kaedah Penyelidikan dan Pra Projek	2	6
2022/2023	2	SEAA4022	Kaedah Penyelidikan dan Pra Projek	2	1
2022/2023	2	SEAA4034	Projek Sarjana Muda	4	6
2022/2023	1	SEAA4032	Projek Rekabentuk Bersepadu 2	2	42
2022/2023	2	SKAB3045	Latihan Industri	5	2
2022/2023	3	SKAB3045	Latihan Industri	5	4
2022/2023	1	SEAA4813	Rekabentuk Pavemen dan Pembinaan	3	46
2022/2023	1	SKAB4813	Kejuruteraan Jalanraya Lanjutan	3	1

2021/2022	2	SEAA2832	Kejuruteraan Jalanraya	2	30
2021/2022	2	SEAA3012	Makmal Kejuruteraan Awam 2	2	30
2021/2022	2	SKAB4032	Projek Rekabentuk Bersepadu 2	2	49
2021/2022	2	SKAB4813	Kejuruteraan Jalanraya Lanjutan	3	27
2021/2022	2	SKAB4022	Kaedah Penyelidikan dan Pra Projek	2	4
2021/2022	1	SEAA2832	Kejuruteraan Jalanraya	2	36
2021/2022	1	SEAA2832	Kejuruteraan Jalanraya	2	50
2021/2022	1	SEAA2832	Kejuruteraan Jalanraya	2	47
2021/2022	1	SEAA3012	Makmal Kejuruteraan Awam 2	2	47
2020/2021	2	SEAA2832	Kejuruteraan Jalanraya	2	35
2020/2021	2	SKAB3012	Makmal Kejuruteraan Awam 2	2	39
2020/2021	2	SKAB4022	Kaedah Penyelidikan dan Pra Projek	2	2
2020/2021	2	SKAB4032	Projek Rekabentuk Bersepadu 2	2	51
2020/2021	1	SKAA4042	Projek Rekabentuk Bersepadu 3	2	7
2020/2021	1	SKAA3012	Makmal Kejuruteraan Awam 2	2	46
2020/2021	1	SKAB4022	Kaedah Penyelidikan dan Pra Projek	2	5
2020/2021	1	SKAB4032	Projek Rekabentuk Bersepadu 2	2	47
2019/2020	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	2
2019/2020	2	SKAA4042	Projek Rekabentuk Bersepadu 3	2	51
2019/2020	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	33
2019/2020	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	49
2019/2020	1	SKAA3012	Makmal Kejuruteraan Awam 2	2	6
2019/2020	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	3
2019/2020	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	44
2019/2020	1	SKAA4823	Perancangan Pengangkutan	3	34
2019/2020	1	SKAB3012	Makmal Kejuruteraan Awam 2	2	50
2018/2019	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	29
2018/2019	2	SKAA3842	Kejuruteraan Lalulintas	2	29
2018/2019	2	SKAA4042	Projek Rekabentuk Bersepadu 3	2	54
2018/2019	1	SKAA3842	Kejuruteraan Lalulintas	2	21
2018/2019	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	4
2018/2019	1	SKAA4042	Projek Rekabentuk Bersepadu 3	2	47
2018/2019	1	SKAA4823	Perancangan Pengangkutan	3	30
2017/2018	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	53
2017/2018	2	SKAA3842	Kejuruteraan Lalulintas	2	30
2017/2018	2	SKAA4042	Projek Rekabentuk Bersepadu 3	2	39
2017/2018	1	SKAA3842	Kejuruteraan Lalulintas	2	39

2017/2018	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	4
2017/2018	1	SKAA4823	Perancangan Pengangkutan	3	32
2016/2017	2	SKAA2012	Makmal Kejuruteraan Awam 1	2	32
2016/2017	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	34
2016/2017	2	SKAA3842	Kejuruteraan Lalulintas	2	40
2016/2017	2	SKAA4823	Perancangan Pengangkutan	3	8
2016/2017	1	SKAA3842	Kejuruteraan Lalulintas	2	35
2016/2017	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	30
2016/2017	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	19
2016/2017	1	SKAA4823	Perancangan Pengangkutan	3	24
2015/2016	1	SKAA2832	Kejuruteraan Jalanraya	2	38
2015/2016	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	44
2015/2016	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	44
2015/2016	1	SKAA4022	Kaedah Penyelidikan dan Pra Projek	2	3
2014/2015	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	34
2014/2015	2	SKAA3012	Makmal Kejuruteraan Awam 2	2	39
2013/2014	1	DDPA3033	Pengurusan Projek dan Amalan Binaan	3	42
2007/2008	2	DDA2122	Binaan Kejuruteraan Awam	2	7
2007/2008	2	DDA3092	Makmal Kejuruteraan Awam II	2	53
2007/2008	2	DDA3092	Makmal Kejuruteraan Awam II	2	49
2007/2008	2	DDA3443	Kejuruteraan Jalanraya dan Lalulintas	3	51
2007/2008	2	DDA3443	Kejuruteraan Jalanraya dan Lalulintas	3	49
2007/2008	1	DDA3173	Analisis Struktur	3	44
2007/2008	1	DDA3173	Analisis Struktur	3	52
2007/2008	1	DDA3423	Kejuruteraan Geoteknik	3	41
2006/2007	2	DDA3443	Makmal Kej. Jalanraya dan Lalulintas	3	7
2006/2007	2	DDA2043	Pengaturcaraan	3	58
2006/2007	2	DDA3443	Kejuruteraan Jalanraya dan Lalulintas	3	37
2006/2007	2	DDA3443	Kejuruteraan Jalanraya dan Lalulintas	3	48
2006/2007	2	DDA2043	Pengaturcaraan	3	10
2006/2007	1	DDA3173	Analisis Struktur	3	53
2006/2007	1	DDA3423	Kejuruteraan Geoteknik	3	57
2005/2006	2	DDA2043	Pengaturcaraan	3	46
2005/2006	2	DDA2132	Binaan Kejuruteraan Awam	2	7
2005/2006	2	DDA2043	Pengaturcaraan	3	38
2005/2006	2	DDA3443	Kejuruteraan Jalanraya dan Lalulintas	3	38
2003/2004	2	DDA3443	Makmal Kej. Jalanraya dan Lalulintas	3	15

2003/2004	1	DDA3443	Makmal Kej. Jalanraya dan Lalulintas	3	15
2002/2003	2	DDA2133	Analisis Struktur	3	18
2000/2001	1	DDA3443	Makmal Kej. Jalanraya dan Lalulintas	3	22
1999/2000	1	DDA3443	Makmal Kej. Jalanraya dan Lalulintas	3	76
<b>Total credits</b>				<b>237</b>	3182

## POSTGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2023/2024	2	MEAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	4
2023/2024	2	MEAQ1053	Rekabentuk dan Pembinaan Turapan	3	5
2023/2024	2	MKAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	9
2023/2024	2	MKAQ1053	Rekabentuk dan Pembinaan Turapan	3	1
2023/2024	1	MKAQ1043	Perancangan Pengangkutan	3	3
2023/2024	1	MKAQ1043	Perancangan Pengangkutan	3	6
2022/2023	1	MKAQ1043	Perancangan Pengangkutan	3	8
2022/2023	2	MEAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	4
2022/2023	2	MEAQ1053	Rekabentuk dan Pembinaan Turapan	3	5
2022/2023	2	MKAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	12
2022/2023	2	MKAQ1053	Rekabentuk Dan Pembinaan Turapan	3	8
2021/2022	1	MKAQ1043	Perancangan Pengangkutan	3	6
2021/2022	1	MKAQ1053	Rekabentuk dan Pembinaan Turapan	3	7
2020/2021	2	MKAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	9
2020/2021	1	MKAQ1043	Perancangan Pengangkutan	3	8
2020/2021	1	MKAQ1053	Rekabentuk dan Pembinaan Turapan	3	8
2019/2020	1	MKAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	8
2019/2020	1	MKAQ1043	Perancangan Pengangkutan	3	3
2018/2019	1	MKAQ1043	Perancangan Pengangkutan	3	5
2017/2018	1	MKAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	12
2017/2018	1	MKAQ1043	Perancangan Pengangkutan	3	5
2016/2017	2	MKAQ1043	Perancangan Pengangkutan	3	4
2016/2017	1	MKAQ1043	Perancangan Pengangkutan	3	4
2014/2015	2	MAE1043	Bahan Binaan Lanjutan	3	4
2014/2015	2	MKAE1043	Bahan Binaan Lanjutan	3	9
<b>Total credits</b>				<b>75</b>	157

## SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	1
Co-Supervisor – PhD (Graduated)	1
Main Supervisor – PhD (Ongoing)	4
Co-Supervisor – PhD (Ongoing)	2
Main Supervisor- Master by Research (Graduated)	1
Co-Supervisor- Master by Research (Graduated)	2
Main Supervisor- Master by Research (On-Going)	0
Co-Supervisor- Master by Research (On-Going)	1
Main Supervisor- Master by Taught Course (Graduated)	13
Co-Supervisor- Master by Taught Course (Graduated)	4
Main Supervisor- Master by Taught Course (On-Going)	
Co-Supervisor- Master by Taught Course (On-Going)	
Main Supervisor- Master by Mixed-Mode (Graduated)	
Co-Supervisor- Master by Mixed-Mode (Graduated)	
Main Supervisor- Master by Mixed-Mode (On-Going)	
Co-Supervisor- Master by Mixed-Mode (On-Going)	

### PhD Student

NO.	NAME	NO. MATRIC	STATUS (GRADUATED/ ON-GOING)	TITLE	ROLES OF SUPERVISION
1	Tan Lay Boon	EKA182011	On-going	Repair And Strengthening of Damaged Asphalt Pavement Using Thin Ultra Highperformance Concrete UHPC Overlay	Main supervisor
2	Aliyu Abubakar Burga	PKA203037	On-going	Impact Of Advance Driver Assistance System In Developing Nations	Main supervisor
3	Yusuf Babangida Attahiru	PKA213009	On-going	Performance Of Warm Mix Asphalt Blocks Pavement Incorporating Neutral Carbon And Bio-Oil Waste	Main supervisor
4	Ahmed Tahir Yousef Omar	PEA223015	On-going	Utilizing Activated Carbon In Carbom In Concrete Paving Blocks For Heat Resistant	Main supervisor
5	Shamsuni Bin Salleh	ERS 182006	On-going	Long Term Performance And Cost Effectiveness of Microsurfacing Method For Pavement Rehabilitation	Co-Supervisor
6	Nur Edura Binti Abdul Halim	PRT203064	On-going	Evaluating And Establishing Conceptual Road Safety Audit Procedure And Requirement With	Co-Supervisor



				Building Information Modelling (BIM) Three - Dimensional (3D) Modelling Integration During Design Stage.	
7	Nur Hidayah Bt Abd Halim	PA123013	Graduated	Performance of Porous Concrete Block with Different Size of Coarse Aggregate for Pavement	Main supervisor
8	Mazlan Bin Ismail	ERS142003	Graduated	Development of Construction Safety Leadership Competency Framework	Co-Supervisor

**MSc. Student**

NO.	NAME	NO. MATRIC	STATUS (GRADUATED/ ON-GOING)	TITLE	MODE (RESEARCH / TAUGHT-COURSE/ MIXED MODE)	ROLES OF SUPERVISION
1	Nurul Aliah Amirah Binti Mazalan	MKA203013	On-going	The Effect of Asphaltene-Modified Bitumen on The Performance of Bituminous Mixtures And Mastics	Research	Co-supervisor
2	Ridwan Mohamed Elmi	MKA211076	Graduated	Assessing Pedestrian Safety Conditions at Utm Student Residential.	Taught Course	Main supervisor
3	Shen Huangchi	MKA211069	Graduated	Challenges and Opportunities of Motorcycle Safety in Utm Campus	Taught Course	Main supervisor
4	Mohamed Elsadig Abdalla Ibrahim	MKA201080	Graduated	Assessment of Pedestrian Facilities Inside UTM Campus.	Taught Course	Main supervisor
5	Mahmoud Sanusi Abdoelwahab Alazhari	MKA181137	Graduated	Monitoring The Behaviours of Effective Microorganism Inside the Mortar at High Ambient Temperature	Taught Course	Main supervisor

				Incorporating Marine Kaolin		
6	Ali Waleed Khazaal	MKA181077	Graduated	Physical Assessment and Evaluation of Pedestrian Facilities And Safety.	Taught Course	Main supervisor
7	Abdulsalam Misbah Makhloof Alsadae	MKA191075	Graduated	Impact of Covid-19 Pandemic on Traffic Delay, Queue Length, Emissions, And Fuel Consumption: A Case Study at Three-Armed Signalized Intersection	Taught Course	Main supervisor
8	Saber Shah Saberi	MKA181006	Graduated	Engineering Properties of 2nd Recycled Concrete Aggregates for RoadBase	Taught Course	Main supervisor
9	Nur Ayunie Binti Hasnol Puad	MKA191029	Graduated	Properties of Concrete Paver Containing Effective Microbe	Taught Course	Main supervisor
10	Abdulaziz Abdulmalik	MKA183019	Graduated	Pozzolana Characterisation and Properties of Mortar Containing Calcined Marine Clay	Research	Co-supervisor
11	Nur Aiza Shuhada Binti Kamarudin	MKA153003	Graduated	Inverted Ushaped Concrete Panel for Low Bearing Capacity Subgrade Soil	Research	Main supervisor
12	Muhammad Syukri Bin Johari	MKA161189	Graduated	Visual Assessment As Forensic Investigation Tool at Jalan Universiti Intersection	Taught Course	Main supervisor

13	Rozalina Binti Ab Rashid	MKA151125	Graduated	Characterization of Soil Mixed with Asphalt Milling Waste for Road Shoulder	Taught Course	Main supervisor
14	Wan Noor Hin Binti Mior Sani	MKA151130	Graduated	Characterization of Soil Mixed with Garnet for Road Shoulder	Taught Course	Main supervisor
15	Mohd Zawawiv Bin Aziz	MKA151121	Graduated	Comparison Between Normal Sand and Garnet for Sub base Layer	Taught Course	Main supervisor
16	Mohd Asnawi Bin Abd Wahab	MKA151119	Graduated	Partial Replacement of Natural Sand with Garnet for Bedding Sand Layer of Concrete Block Pavement	Taught Course	Main supervisor
17	Nurul Najihah Binti Mad Rosni	MKA141053	Graduated	Effect of Fineness Coconut Shell Charcoal Ash on the Rheological Properties of Bitumen	Taught Course	Co-supervisor
18	Faisal Mohamed Mohammed Salah	MKA141026	Graduated	Performance of Asphalt Concrete Incorporating SBR Subjected to Aging.	Taught Course	Co-supervisor
19	Owi Siew Feen	MKA143001	Graduated	Performance of Selfcompacting Lightweight Concrete Masonry Wall Using Palm Oil Clinker as Coarse Aggregate	Research	Co-supervisor
20	Ssegujja David	MKA151039	Graduated	Mechanical and Physical Properties Characterisation of Construction	Taught Course	Co-supervisor

				Demolitions as Road Base Material.		
21	Nur Nadhira Binti Abdul Rasid	MA121144	Graduated	Interaction of Underside Grooved Concrete Block with Bedding Sand Layer for Pavement.	Taught Course	Co-supervisor

#### UTM POSTGRADUATE EXAMINATION/ VIVA

Summary	
MSc. Internal Examiner	2
PhD student Examiner	13
Others Examiner	0

#### Msc Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	Panel Mock Viva	Nurnida Syahirah Hamdan	Sustainable Transit-Oriented Development Index for Mass Rapid Transit	2023
2	Thesis Examiner	Mohamad Fikri Hazim Mohd Johari	Impact of COVID-19 on Johor Bahru Bus Services Operation, Ridership and Facilities	2022
3	Thesis & Viva Voce Examiner	Tan Lay Ting	Effect of Coconut Fiber and Coconut Shell on the Properties of Double-Layer Porous Asphalt Pavement	2018

#### PhD student Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1	Panel Mock Viva	Zulfiqar Ali	Multi-Hazard Climate Risk Projections in Pakistan for Shared Socioeconomic Pathways	2022
2	Panel Mock Viva	Sudesh Nair A/L Baskara	Accident Severities Probability Models Based on Pavement Conditions in Southern Region of The North-South Expressway	2022
3	Panel Mock Viva	Nurul Hidayah Haji Muslim	Accident Severities Probability Models Based On Pavement Conditions In Southern Region Of The North-South Expressway	2021
4	Panel Mock Viva	Ruhal Pervez Memon	Performance Evaluation of Effective Microorganism Solution as Self-Curing Agent in The Concrete	2020
5	Panel Mock Viva	Zaid Hazim Hussein Al-Saffar	Performance of Reclaimed Asphalt Pavement Rejuvenated with Maltene	2020
6	Panel Mock Viva	Salam Ridha Oleiwi Al-Etba	Performance of Asphalt Pavement Containing Potential Cool Paving Materials	2020
7	Panel Mock Viva	Abdul Razak Bin Ali	Parking Generation Modelling of Government Hospitals in Peninsular Malaysia	2020
8	Panel Mock Viva	Mey Mohammed Shariff Mohammed Salih	Effects Of Wet Weather on Drivers' Risk Accident Perception During Motorist-Following Behaviour on Two-Way Two-Lane Highway	2019

9	Panel Mock Viva	Lee Hoong Pin	Behaviour of High Strength Concrete Column Confined with Steel Strapping Tensioning Technique	2018
10	Pembantu Pengerusi Viva	Ahmed Abdulameer Hussein	Effect of Nano Ceramic Powder an Asphalt Binder and Mixture Properties	2018
11	Pembantu Pengerusi Viva	Seyed Jamal Aldin Hosseini	Bond Behavior of Grouted Spiral and Splice Connection Under Direct Axial and Flexural Pullout Load	2015
12	Pembantu Pengerusi Viva	Ahmad Nurfaidhi Rizalman		2015
13	Pembantu Pengerusi Viva	Mehran Gholami	Performance of Steel Sections Strengthened with Carbon Fibre Reinforced Polymer Plate under Tropical Climate	2014

#### EXTERNAL EXAMINATION/ VIVA

Summary	
MSc. Internal Examiner	0
MSc. External Examiner	0
Others Examiner	0

#### Msc External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR

#### PhD student Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR

#### PUBLICATIONS

Summary	
ISI Article/Journal	17
Scopus Article/Journal	18
Non-Indexed Article/Journal	9
Indexed Conference Proceedings	51
Non- Indexed Conference Proceedings	60
Book Chapters	5
Original Book	1
Classified/Technical /Expert Report	7
Policy Paper/Thesis	2
Seminars/Workshop	2

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking
1	Effect Of Warm Mix Asphalt (Wma) Antistripping Agent On Performance Of Waste Engine Oil-Rejuvenated Asphalt Binders And Mixtures <a href="https://doi.org/10.3390/su15043807">https://doi.org/10.3390/su15043807</a>	Sustainability (Switzerland)	20711050	15	4	3807	2023	3.889	Publication in Web of Science	Article/ Review	Q2
2	Utilizing Ultra-High Performance Concrete Overlay For Road Pavement Repair And Strengthening Applications <a href="https://doi.org/10.46604/aiti.2023.12587">https://doi.org/10.46604/aiti.2023.12587</a>	Advances In Technology Innovation	2415-0436	8	4	290 to 302	2023	-	Publication in Scopus	Article/ Review	-
3	Ground Palm Oil Fuel Ash and Calcined Eggshell Powder as SiO <sub>2</sub> -Cao Based Accelerator in Green Concrete <a href="https://doi.org/10.1016/j.jobe.2022.105617">https://doi.org/10.1016/j.jobe.2022.105617</a>	Journal of Building Engineering	2352-7102	65	0	105617 to 105617	2023	7.144	Publication in Web of Science	Article/ Review	Q1
4	Rheological Properties of Asphaltene-Modified Asphalt Binder and Mastic <a href="https://doi.org/10.1016/j.pce.2023.103422">https://doi.org/10.1016/j.pce.2023.103422</a>	Journal of Physics and Chemistry of The Earth	1474-7065	131	0	103422	2023	3.700	Publication in Web of Science	Article/ Review	Q2
5	Effect of Waste Cooking Oil on Warm Mix Asphalt Block Pavement – A Comprehensive Review <a href="https://doi.org/10.1016/j.pce.2022.103310">https://doi.org/10.1016/j.pce.2022.103310</a>	Physics And Chemistry of The Earth	1474-7065	129	0	103310 to 103310	2023	3.311	Publication in Web of Science	Article/ Review	Q2
6	Characterization of Soil for Road Shoulders Mixed with Reclaimed Asphalt Pavement Waste <a href="https://doi.org/10.30516/bilgesci.1218789">https://doi.org/10.30516/bilgesci.1218789</a>	Bilge International Journal of Science and Technology Research	2651-401X	7	1	22 to 32	2023	-	Journal Article Non Citation Indexed	Non UTM	-
7	Effect Of Evotherm 3G On The Performance Of Asphalt Mixture <a href="https://doi.org/10.1016/j.pce.2023.103392">https://doi.org/10.1016/j.pce.2023.103392</a>	Effect Of Evotherm 3G On The Performance Of Asphalt Mixture	1474-7065	130	0	103392	2023	3.311	Publication in Web of Science	Article/ Review	Q2
8	Trend of Sound Absorption Research: A Bibliometric Analysis <a href="https://doi.org/10.2478/cee-2022-0033">https://doi.org/10.2478/cee-2022-0033</a>	Civil and Environmental Engineering	1336-5835	18	1	350 to 366	2022	-	Publication in Web of Science	Article/ Review	-
9	Suitability of Garnet to Grading And Fineness Modulus as Bedding Sand Layer In Concrete Block Pavement	Journal of Social Sciences and Technical Education (Jostted)	2716-6740	3	1	80 to 86	2022	-	Journal Article Non Citation Indexed	Non UTM	-
10	Physical, Rheological And Chemical Features of Recycled Asphalt Embraced with a Hybrid Rejuvenating Agent <a href="https://doi.org/10.1080/10298436.2021.1878517">https://doi.org/10.1080/10298436.2021.1878517</a>	International Journal of Pavement Engineering	1029-8436	23	9	3036 to 3054	2022	4.178	Publication in Web of Science	Article/ Review	Q1
11	Synergistic Effect of SBS Copolymers and Aromatic Oil on The Characteristics of Asphalt Binders and Mixtures Containing Reclaimed Asphalt Pavement	Construction and Building Materials	0950-0618	327	0	127026 to 127026	2022	6.141	Publication in Web of Science	Article/ Review	Q1

	<a href="https://doi.org/10.1016/j.conbuildmat.2022.127026">https://doi.org/10.1016/j.conbuildmat.2022.127026</a>										
12	Rejuvenation Of Aged Asphalt Binders By Waste Engine Oil And Sbs Blend: Physical, Chemical, And Rheological Properties Of Binders And Mechanical Evaluations Of Mixtures <a href="https://doi.org/10.1016/j.conbuildmat.2022.128441">https://doi.org/10.1016/j.conbuildmat.2022.128441</a>	Construction and Building Materials	0950-0618 / 1879-0526	346	128441	1 to 18	2022	7.693	Publication in Web of Science	Article/ Review	Q1
13	Effect Of Glass Fibers And Waste Engine Oil On The Properties Of Rap Asphalt Concretes <a href="https://doi.org/10.1080/10298436.2021.200181515">https://doi.org/10.1080/10298436.2021.200181515</a>	International Journal Of Pavement Engineering	1029-8436	23	1	1 to 12	2021	4.139	Publication in Web of Science	Article/ Review	Q1-
14	Assessment of Young Drivers' Driving Behaviour and Driving Speed Along Horizontal and Vertical Alignments <a href="https://doi.org/10.30880/ijie.2021.13.03.026">https://doi.org/10.30880/ijie.2021.13.03.026</a>	International Journal of Integrated Engineering	2229-838X	13	3	215 to 222	2021	-	Publication in Web of Science	Article/ Review	-
15	Thermal Performance of Cooling Strategies for Asphalt Pavement: A State-Of-The-Art Review <a href="https://doi.org/10.1016/j.jtte.2021.02.001">https://doi.org/10.1016/j.jtte.2021.02.001</a>	Journal of Traffic and Transportation Engineering (English Edition)	2095-7564	8	3	356 to 373	2021	-	Publication in Web of Science	Article/ Review	-
16	Waste Mineral Wool And Its Opportunities—A Review <a href="https://doi.org/10.3390/ma14195777">https://doi.org/10.3390/ma14195777</a>	Materials	1996-1944	14	19	1 to 16	2021	3.623	Publication in Web of Science	Article/ Review	Q1
17	The Effect of Eggshell Powder as an Accelerator for Blended Cement Concrete <a href="https://doi.org/10.1166/jctn.2020.8762">https://doi.org/10.1166/jctn.2020.8762</a>	Journal of Computational and Theoretical Nanoscience	0	17	2-3	1032 to 1036	2020	-	Publication in Scopus	Article/ Review	-
18	Characterization of Marine Clay under Microstructure Examination as a Potential Pozzolana <a href="https://doi.org/10.1166/jctn.2020.8761">https://doi.org/10.1166/jctn.2020.8761</a>	Journal of Computational and Theoretical Nanoscience	15461963	17	2-3	1026(16) to 1031(6)	2020	-	Publication in Scopus	Article/ Review	-
19	The Analysis of Stress Distribution on the Physical Model of Road Base Layer <a href="https://doi.org/10.30880/ijie.2020.12.08.033">https://doi.org/10.30880/ijie.2020.12.08.033</a>	International Journal of Integrated Engineering	2229838X	12	8	348 to 355	2020	-	Publication in Scopus	Article/ Review	-
20	The Feasibility of Rock Wool Waste Utilisation in a Double-Layer Concrete Brick for Acoustic: A Conceptual Review <a href="https://doi.org/10.1166/jctn.2020.8763">https://doi.org/10.1166/jctn.2020.8763</a>	Journal of Computational and Theoretical Nanoscience	15461963	17	2-3	635 to 644	2020	-	Publication in Scopus	Article/ Review	-
21	Analysis Of Internal Friction Angle And Cohesion Value For Road Base Materials In A Specified Gradation <a href="https://doi.org/10.30659/jacee.3.2.58-65">https://doi.org/10.30659/jacee.3.2.58-65</a>	Journal of Advanced Civil and Environmental Engineering	25993356	3	2	58 to 65	2020	-	Journal Article Non Citation-Indexed	Non UTM	-

22	Mechanical Performance of Asphalt Mixture Containing Cup Lump Rubber <a href="https://doi.org/10.11113/jt.v81.13857">https://doi.org/10.11113/jt.v81.13857</a>	Jurnal Teknologi	01279696	81	6	179 to 185	2019	-	Publication in Scopus	Article/ Review	-
23	Prediction of Sound Absorption Coefficient for Double Layer Rubberised Concrete Blocks <a href="https://doi.org/10.14419/ijet.v7i2.29.14002">https://doi.org/10.14419/ijet.v7i2.29.14002</a>	International Journal of Engineering and Technology	2227524X	7	2.29	704 to 710	2018	-	Publication in Scopus	Article/ Review	-
24	Harvesting Electrical Energy from Rooftop Ventilator <a href="https://doi.org/10.30880/ijie.2018.10.04.011">https://doi.org/10.30880/ijie.2018.10.04.011</a>	International Journal of Integrated Engineering	2229838X	10	4	68 to 72	2018	-	Publication in Scopus	Article/ Review	-
25	Effects of Coarse Palm Oil Clinker on Properties of Self-Compacting Lightweight Concrete <a href="https://doi.org/10.11113/jt.v79.10593">https://doi.org/10.11113/jt.v79.10593</a>	Jurnal Teknologi	21803722	76	6	111 to 120	2017	-	Publication in Scopus	Article/ Review	-
26	Effects Of Palm Oil Clinker As Coarse Aggregates Replacement In Self Curing Concrete <a href="https://doi.org/10.3390/coatings7100175">https://doi.org/10.3390/coatings7100175</a>	Malaysian Journal Of Civil Engineering	18237843	29	2	241 to 253	2017	-	Journal Article Non Citation-Indexed	-	-
27	Fresh And Hardened Properties Of Self-Compacting Lightweight Concrete Using Coarse Palm Oil Clinker <a href="https://doi.org/10.1016/j.conbuildmat.2019.04.101">https://doi.org/10.1016/j.conbuildmat.2019.04.101</a>	Malaysian Journal of Civil Engineering	18237843	29	2	205 to 220	2017	-	Journal Article Non Citation-Indexed	-	-
28	The Potential of Waste Cooking Oil as Bio-Asphalt for Alternative Binder - An Overview <a href="https://doi.org/10.11113/jt.v78.8007">https://doi.org/10.11113/jt.v78.8007</a>	Teknologi Jurnal	01279696	78	4	111 to 116	2016	-	Publication in Scopus	Article/ Review	-
29	Determination of Groove and Mechanical Properties of Underside Shaped Concrete Paver <a href="https://doi.org/10.11113/jt.v78.8001">https://doi.org/10.11113/jt.v78.8001</a>	Teknologi Jurnal	01279696	78	4	79 to 83	2016	-	Publication in Scopus	Article/ Review	-
30	Palm Oil Fuel Ash as Potential Green Micro-Filler in Polymer Concrete <a href="https://doi.org/10.1016/j.conbuildmat.2015.11.038">https://doi.org/10.1016/j.conbuildmat.2015.11.038</a>	Construction and Building Materials	09500618	102	1	950 to 960	2016	2.296	Publication in Web of Science	Article/ Review	Q1
31	Determination of U-Shaped Concrete Panel for Low Bearing Capacity Subgrade	Malaysian Journal Of Civil Engineering (MJCE)	18237843	28	3	267 to 278	2016	-	Journal Article Non Citation-Indexed	-	-
32	Polymer Concrete to Normal Concrete Bond Strength: Mohr Coulomb Theory <a href="https://doi.org/10.11113/jt.v77.6390">https://doi.org/10.11113/jt.v77.6390</a>	Jurnal Teknologi	21803722	77	16	27 to 32	2015	-	Publication in Scopus	Article/ Review	-
33	Effect of Post-Curing Regime on Density, Compressive Strength and Crosslinking of Polymer Concrete <a href="https://doi.org/10.11113/jt.v77.6305">https://doi.org/10.11113/jt.v77.6305</a>	Jurnal Teknologi	21803722	77	12	31 to 35	2015	-	Publication in Scopus	Article/ Review	-
34	Effectiveness of Palm Oil Fuel Ash as Micro-Filler In Polymer Concrete <a href="https://doi.org/10.11113/jt.v77.6402">https://doi.org/10.11113/jt.v77.6402</a>	Jurnal Teknologi	01279696	77	16	75 to 80	2015	-	Publication in Scopus	Article/ Review	-



35	Evaluation of Effectiveness of Methyl Methacrylate as Retarder Additive In Polymer Concrete <a href="https://doi.org/10.1016/j.conbuildmat.2015.06.022">https://doi.org/10.1016/j.conbuildmat.2015.06.022</a>	Construction and Building Materials	09500618	93	0	449 to 456	2015	2.296	Publication in Web of Science	Article/ Review	Q1
36	Palm Oil Fuel Ash as Potential Green Micro-Filler in Polymer Concrete <a href="https://doi.org/10.1016/j.conbuildmat.2015.11.038">https://doi.org/10.1016/j.conbuildmat.2015.11.038</a>	Construction and Building Materials	09500618	102	1	950 to 960	2015	2.296	Publication in Web of Science	Article/ Review	Q1
37	Interaction Between Bedding Sand Thickness And Shell Groove-Underside Shaped Concrete Block Pavement	Malaysian Journal Of Civil Engineering	18237843	27	1	102 to 114	2015	-	Journal Article Non Citation-Indexed	-	-
38	A Review Of Double Layer Rubberized Concrete Paving Blocks	Journal of Engineering Research And Technology	23122307	2	2	136 to 140	2015	-	Journal Article Non Citation-Indexed	-	-
39	Tensile Behaviour Of Kenaf Fiber Reinforced Polymer Composites <a href="https://doi.org/10.11113/jt.v69.3138">https://doi.org/10.11113/jt.v69.3138</a>	Jurnal Teknologi (Sciences And Engineering)	01279696	69	3	11 to 15	2014	-	Publication in Scopus	Article/ Review	-
40	Kenaf Fiber Reinforced Polymer Composites for Strengthening RC Beams <a href="https://doi.org/10.3151/jact.12.167">https://doi.org/10.3151/jact.12.167</a>	Journal of Advanced Concrete Technology	13468014	12	6	167 to 177	2014	0.554	Publication in Web of Science	Article/ Review	Q3
41	Effect of Jointing Sand Sizes and Width on Horizontal Displacement of Concrete Block Pavement <a href="https://doi.org/10.11113/jt.v71.3764">https://doi.org/10.11113/jt.v71.3764</a>	Jurnal Teknologi (Science and Engineering)	01279696	71	3	83 to 86	2014	-	Publication in Scopus	Article/ Review	-
42	Effect of Using Waste Tyre Rubber on the Properties of Double Layer Rubberized Concrete Paving Blocks <a href="https://doi.org/10.11113/jt.v71.3750">https://doi.org/10.11113/jt.v71.3750</a>	Jurnal Teknologi (Sciences and Engineering)	01279696	71	3	1 to 5	2014	-	Publication in Scopus	Article/ Review	-
43	The Effect of Groove-Underside Shaped Concrete Block on Pavement Permanent Deformation <a href="https://doi.org/10.11113/jt.v61.1763">https://doi.org/10.11113/jt.v61.1763</a>	Jurnal Teknologi (Sciences and Engineering)	01279696	61	3	7 to 14	2013	-	Publication in Scopus	Article/ Review	-
44	Laboratory Testing On Permanent Deformation Of Grooved Concrete Block Pavement	International Journal of Civil Engineering & Geo-Environmental	21802742	3	0	35 to 45	2012	-	Journal Article Non Citation-Indexed	-	-

NO.	TYPE a. INDEXED PROCEEDINGS/ CONFERENCE b. NON- INDEXED PROCEEDINGS/ CONFERENCE c. SEMINARS/ WORKSHOPS d. THESIS e. ORIGINAL BOOK f. EDITED BOOK g. BOOK CHAPTER h. CLASSIFIED/ TECHNICAL/ i. EXPERT REPORT j. POLICY PAPER	TITLE	YEAR	AUTHOR
1	Indexed Proceedings/ Conference	Perception of Motorcyclists on Safe Riding In Kota Kinabalu <a href="https://doi.org/10.1088/1755-1315/1205/1/012059">doi:10.1088/1755-1315/1205/1/012059</a>	2023	M I Saibin, H Yaacob, S A Hassan, <b>A Mohamed</b> , S N N Kamarudin, R P Jaya, Z H Al-Safar and E Shaffie
2	Indexed Proceedings/ Conference	Rheological Properties Of Asphaltene-Modified Bituminous Mastic <a href="https://doi.org/10.1016/j.pce.2023.103422">https://doi.org/10.1016/j.pce.2023.103422</a>	2023	Nurul Aliah Amirah Mazalan, Mohd Khairul Idham Mohd Satar, <b>Azman Mohamed</b> , Muhammad Naquiddin Mohd Warid
3	Indexed Proceedings/ Conference	Factors Influencing Motorcycle Accidents Among P-Hailing Riders	2023	<b>Azman Mohamed</b> , Siti Asmah Hassan, Muhammad Sidnan Abyan, Muralia Hustim
4	Indexed Proceedings/ Conference	Accident Risk Factor Analysis Among P – P-Hailing in Skudai, Johor Bahru, Malaysia	2023	<b>Azman Mohamed</b> , Mohd Khairul Afzan Bin Mohd Lazi, Muhammad Sidnan Abyan, Muhammad Isran Ramli
5	Indexed Proceedings/ Conference	Optimizing of Garnet For Bedding Sand Layer Material In Concrete Block Pavement	2023	<b>Azman Mohamed</b> , Mohd Zawawiv Aziz, Suriati Ibrahim
6	Indexed Proceedings/ Conference	The Correlation Of The Seismic Shear Wave Method And The Strength Parameters Of Road Structure	2023	Mohd Nur Asmawisham Alel, <b>Azman Mohamed</b> , Wong Ka Hou, Mohd Zawawiv Aziz
7	Indexed Proceedings/ Conference	Performance Of Three-Armed Intersection – Case Study Krian, Sidoarjo, Indonesia	2023	<b>Azman Mohamed</b> , Aulia Putri Pratama, Muhammad Isran Ramli, Muhammad Amin, Saber Shah Saberi
8	Indexed Proceedings/ Conference	Building Information Modelling (BIM) Implementation for Highway Project from Consultant’s Perspectives in Malaysia	2022 & 2021	Halim, E., <b>Mohamed, A.</b> , & Fathi, M. S.

		<a href="https://doi.org/10.1088/1755-1315/971/1/012003">https://doi.org/10.1088/1755-1315/971/1/012003</a>		
9	Indexed Proceedings/ Conference	Mechanical and Physical Properties of Recycled Concrete Aggregates for Road Base Materials <a href="https://doi.org/10.1088/1742-6596/1973/1/012236">https://doi.org/10.1088/1742-6596/1973/1/012236</a>	2021	Saberi, S. S., <b>Mohamed, A.</b> , & Eltwati, A. S.
10	Indexed Proceedings/ Conference	A Laboratory Study of the Effect of Fiberglass Additive on The Behavioural Properties of RAP Asphalt Mixtures <a href="https://doi.org/10.1088/1742-6596/1973/1/012241">https://doi.org/10.1088/1742-6596/1973/1/012241</a>	2021	A S Eltwati, M Enieb, <b>A Mohamed</b> , Z H Al-Saffar and M. A. Al-Jumaili
11	Indexed Proceedings/ Conference	Effect of Aging and Moisture Damage on The Cracking Resistance of Rubberized Asphalt Mixture <a href="https://doi.org/10.1016/j.matpr.2020.12.734">https://doi.org/10.1016/j.matpr.2020.12.734</a>	2021	Hasanain Radhi Radeef, Norhidayah Abdul Hassan, Ahmad Razin Zainal Abidin, Mohd Zul Hanif Mahmud, Haryati Yaacob, Nordiana Mashros, <b>Azman Mohamed</b>
12	Indexed Proceedings/ Conference	The Influence of Pelletrap Rejuvenator on The Mechanical Properties of Reclaimed Asphalt Pavement <a href="https://doi.org/10.1088/1755-1315/682/1/012071">https://doi.org/10.1088/1755-1315/682/1/012071</a>	2021	Z H Al-Saffar, H Yaacob, M K I Mohd Satar, N S Shah Rull, R P Jaya, <b>A Mohamed</b> , N A Hassan and M N M Warid
13	Indexed Proceedings/ Conference	Fibre Optic Sensing Measurement of Static Surface Load Distribution on Road Base Layer <a href="https://doi.org/10.1088/1757-899x/849/1/012045">https://doi.org/10.1088/1757-899x/849/1/012045</a>	2020	G G Giwangkara, <b>A Mohamed</b> , N H A Khalid, H M Nor , I S Ahmad, A Ullah and K U Rogo
14	Indexed Proceedings/ Conference	Influence of Marine Kaolin Mortar Mixed with Effective Microorganism on External Heat Transfer <a href="https://doi.org/10.1088/1757-899x/849/1/012043">https://doi.org/10.1088/1757-899x/849/1/012043</a>	2020	Yusop, F. A., <b>Mohamed, A.</b> , Nor, H. M., Sam, A. R. M., Khalid, N. H. A., Ibrahim, W. Y. W., & Ismail, A.
15	Indexed Proceedings/ Conference	Community Engagement and Public Awareness on Safe City Program Based on Road Safety Initiatives <a href="https://doi.org/10.1088/1755-1315/476/1/012005">https://doi.org/10.1088/1755-1315/476/1/012005</a>	2020	Mazlan, A. N., Nor Lizan, M. H., Aminuddin, E., Shukor Lim, N. H. A., Warid, N., Mohd, <b>Azman M.</b> , & Mohamed, M. F.

16	Indexed Proceedings/ Conference	The Hydration Effect on Palm Oil Fuel Ash Concrete Containing Eggshell Powder <a href="https://doi.org/10.1088/1755-1315/220/1/012047">https://doi.org/10.1088/1755-1315/220/1/012047</a>	2019	NH Abd Khalid, N N Abdul Rasid, A R Mohd. Sam, NH Abdul Shukor Lim, L Zardasti, M Ismail, <b>A Mohamed</b> and Z A Majid
17	Indexed Proceedings/ Conference	Effect of Different Rejuvenating Agents on The Mechanical Performance of Recycled Bituminous Mixture <a href="https://doi.org/10.1088/1757-899x/527/1/012051">https://doi.org/10.1088/1757-899x/527/1/012051</a>	2019	Idham, M. K., Jeffry, S. N.A., Hainin, M. R., Yaacob, H., Hassan, N. A., Warid, M. N.M., <b>Mohamed, A.</b> , & Yunus, N. Z.M.
18	Indexed Proceedings/ Conference	Properties of Dense-Graded Asphalt Mixture Compacted at Different Temperatures <a href="https://doi.org/10.1088/1755-1315/220/1/012010">https://doi.org/10.1088/1755-1315/220/1/012010</a>	2019	Ismail, S., Abdul Hassan, N., Yaacob, H., Rosli Hainin, M., Ros Ismail, C., <b>Mohamed, A.</b> , & Mohd Satar, M. K. I.
19	Indexed Proceedings/ Conference	Correlation between Functional and Structural Properties of Flexible Pavement <a href="https://doi.org/10.1088/1755-1315/220/1/012007">https://doi.org/10.1088/1755-1315/220/1/012007</a>	2019	Barudin, N. M., Yaacob, H., Hassan, N. A., Warid, M. N.M., Idham, M. K., Ismail, C. R., Nor, H. M., Hainin, M. R., Mohamad, A., Afiqah, R. N., Ayob, M. F., & Jaya, R. P.
20	Indexed Proceedings/ Conference	Influence of Pavement Condition towards Accident Number on Malaysian Highway <a href="https://doi.org/10.1088/1755-1315/220/1/012008">https://doi.org/10.1088/1755-1315/220/1/012008</a>	2019	S N Baskara, H Yaacob, M R Hainin, S A Hassan, N Mashros, N Z M Yunus, N A Hassan, M N M Warid, M K Idham, C R Ismail1 , H M Nor, <b>A Mohamed</b> , MMA Aziz, R N Afiqah, M S A Ahmad and R P Jaya
21	Indexed Proceedings/ Conference	Recycled Concrete Aggregate as A Road Base Material <a href="https://doi.org/10.1088/1757-899x/527/1/012061">https://doi.org/10.1088/1757-899x/527/1/012061</a>	2019	G. G. Giwangkara, <b>A. Mohamed</b> , N. H. A. Khalid, H. M. Nor, M. R. Hainin, R. P. Jaya, W. N. H. M. Sani, C. R. Ismail, and M. M. A. Aziz
22	Indexed Proceedings/ Conference	Performance Evaluation of Asphalt Micro Surfacing-A Review <a href="https://doi.org/10.1088/1757-899x/527/1/012052">https://doi.org/10.1088/1757-899x/527/1/012052</a>	2019	K R Usman, M R Hainin, M K Idham, M N M Warid, H Yaacob, N A Hassan, <b>M Azman</b> and O C Puan
23	Indexed Proceedings/ Conference	Improvement of CBR Value In Soil Subgrade using Garnet Waste <a href="https://doi.org/10.1088/1757-899x/527/1/012060">https://doi.org/10.1088/1757-899x/527/1/012060</a>	2019	W. N. H. M. Sani, <b>A. Mohamed</b> , N. H. A. Khalid, H. M. Nor2 , M. R. Hainin, G. G. Giwangkara, N. A. Hassan, N. A. S. Kamarudin, and N. Mashros

24	Indexed Proceedings/ Conference	Effect of Rainfall on The Compaction of Dense-Graded Hot Mix Asphalt <a href="https://doi.org/10.1088/1757-899x/527/1/012046">https://doi.org/10.1088/1757-899x/527/1/012046</a>	2019	S Ismail, N A Hassan, H Yaacob, M N M Warid, N Mashros, <b>A Mohamed</b> , S A Hassan and N M Azahar
25	Indexed Proceedings/ Conference	Drivers Behaviour on Expressways: Headway and Speed Relationships <a href="https://doi.org/10.1088/1757-899x/527/1/012071">https://doi.org/10.1088/1757-899x/527/1/012071</a>	2019	C. Puan, O., <b>Mohamed</b> , <b>A.</b> , Idham, M. K., Ismail, C. R., Hainin, M. R., Ahmad, M. S. A., & Mokhtar, A.
26	Indexed Proceedings/ Conference	Effects of Black Rice Husk Ash on Asphalt Mixture under Aging Condition <a href="https://doi.org/10.1088/1755-1315/220/1/012006">https://doi.org/10.1088/1755-1315/220/1/012006</a>	2019	P J Ramadhansyah, A Noor Azlan, Y Haryati, H Mohd Rosli, A H Norhidayah, M S Mohd Khairul Idham, A H Abdul Rahim, M <b>Azman</b> <b>Mohamed</b> , M Nordiana and S Ekarizan
27	Indexed Proceedings/ Conference	Creep and Resilient Modulus Properties of Asphaltic Concrete Containing Black Rice Husk Ash <a href="https://doi.org/10.1088/1755-1315/220/1/012005">https://doi.org/10.1088/1755-1315/220/1/012005</a>	2019	Ramadhansyah, P. J., Haryati, Y., Norhidayah, A. H., Mohd Rosli, H., Muhammad Naquiddin, M. W., <b>Azman, M.</b> , ... Ekarizan, S.
28	Indexed Proceedings/ Conference	Implementation of Chosen Risk Index During Car-Following Behaviour under Wet Weather Condition <a href="https://doi.org/10.1088/1757-899x/527/1/012078">https://doi.org/10.1088/1757-899x/527/1/012078</a>	2019	M. Shariff, O. C. Puan, N. Mashros, A. Mohamed, N. A. Hassan, C. R. Ismail, and M. R. Hainin
29	Indexed Proceedings/ Conference	Field Performance of Asphalt Pavement Maintenance using Cup Lump Rubber Modified Asphalt(CMA) <a href="https://doi.org/10.1088/1757-899x/527/1/012064">https://doi.org/10.1088/1757-899x/527/1/012064</a>	2019	Razali, R., Hainin, M. R., Hassan, N. A., Idham, M. K., Malek, M. S. C., Warid, M. N. M., ... Ismail, C. R.
30	Indexed Proceedings/ Conference	Performance of Rutting, Stripping and Cracking of Warm Mix Asphalt <a href="https://doi.org/10.1088/1757-899x/527/1/012062">https://doi.org/10.1088/1757-899x/527/1/012062</a>	2019	Naqibah, S. N., Hainin, M. R., Idham, M. K., Warid, M. N. M., Hassan, N. A., <b>Mohamed, A.</b> , ... Ismail, C. R.
31	Indexed Proceedings/ Conference	Physical Properties of Warm Cup Lump Modified Bitumen <a href="https://doi.org/10.1088/1757-899x/527/1/012048">https://doi.org/10.1088/1757-899x/527/1/012048</a>	2019	S Abdulrahman, M R Hainin, M K Idham, N A Hassan, M N M Warid, H Yaacob, <b>M Azman</b> and O C Puan
32	Indexed Proceedings/ Conference	Characterization of Soil Mixed with Garnet Waste for Road Shoulder <a href="https://doi.org/10.1088/1755-1315/220/1/012052">https://doi.org/10.1088/1755-1315/220/1/012052</a>	2019	Mior Sani, W. N. H., <b>Mohamed, A.</b> , Md Nor, H., Kamarudin, N. A. S., Khalid, N. H. A., Mohd Sam, A. R., &

				Ab Rashid, R.
33	Indexed Proceedings/ Conference	Reversible Moisture Damage in Asphalt Mixture <a href="https://doi.org/10.1088/1757-899x/527/1/012057">https://doi.org/10.1088/1757-899x/527/1/012057</a>	2019	Arfat, M., Yaacob, H., Hassan, N. A., Warid, M. N.M., Idham, M. K., Ismail, C. R., Nor, H. M., Hainin, M. R. <b>Mohamed, A.</b> , Mashros, N., Yunus, N. Z.M., Hassan, S. A., Jaya, R. P., & Ayob, M. F.
34	Indexed Proceedings/ Conference	Experimental Investigation of Flexural Behaviour of U-Shaped Concrete Subgrade Panel <a href="https://doi.org/10.1088/1757-899x/620/1/012061">https://doi.org/10.1088/1757-899x/620/1/012061</a>	2019	Kamarudin, Nur Aiza Shuhada, <b>Mohamed, A.</b> , Md Nor, H., Hainin, M. R., A. Khalid, N. H., & Mohd Satar, M. K. I.
35	Indexed Proceedings/ Conference	Effects of U-Shaped Subgrade Concrete Panel on Subgrade Deformation <a href="https://doi.org/10.1088/1757-899x/527/1/012059">https://doi.org/10.1088/1757-899x/527/1/012059</a>	2019	Kamarudin, N. A.S., <b>Mohamed, A.</b> , Nor, H. M., Khalid, N. H. A., M. Sam, A. R., Hainin, M. R., ... Hassan, S. A.
36	Indexed Proceedings/ Conference	Implementation of Chosen Risk Index During Car-Following Behaviour Under Wet Weather Condition <a href="https://doi.org/10.1088/1757-899x/527/1/012078">https://doi.org/10.1088/1757-899x/527/1/012078</a>	2019	Shariff, M., Puan, O. C., Mashros, N., <b>Mohamed, A.</b> , Hassan, N. A., Ismail, C. R., & Hainin, M. R.
37	Indexed Proceedings/ Conference	Marshall Stability Properties of Asphalt Mixture Incorporating Black Rice Husk Ash <a href="https://doi.org/10.1016/j.matpr.2018.07.068">https://doi.org/10.1016/j.matpr.2018.07.068</a>	2018	Ramadhansyah Putra Jayaa, Mohd Rosli Hainin, Norhidayah Abdul Hassan, Haryati Yaacob, Mohd Khairul Idham Mohd Satar, Muhammad Naqiuddin Mohd Warid, <b>Azman Mohamed</b> , Mohd Ezree Abdullah, Noram Irwan Ramli
38	Indexed Proceedings/ Conference	Physico-Mechanical Properties of Polymer Concrete Containing Micro-Filler of Palm Oil Fuel Ash <a href="https://doi.org/10.1166/ASL.2018.11523">https://doi.org/10.1166/ASL.2018.11523</a>	2018	Khalid, Nur Hafizah A; Ismail, Mohammad; Sam, Abd Rahman Mohd; <b>Mohamed, Azman</b> ; Ismail, Mohamed A; Jamellodin, Zalipah; Salleh, Norhafizah; Hamid, Noor Azlina A; Majid, Masni A;
39	Indexed Proceedings/ Conference	Performance of Spike Concrete Block Pavement under Horizontal Loading <a href="https://doi.org/10.1166/asl.2018.11524">https://doi.org/10.1166/asl.2018.11524</a>	2018	Nur Nadhira, A. R., <b>Azman Mohamed</b> , Nur Hafizah, A. K., Hasanani Md Nor, Muhammad Faiz, A. R.

40	Indexed Proceedings/ Conference	Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U -Shaped Subgrade Panel <a href="https://doi.org/10.1166/asl.2018.11628">https://doi.org/10.1166/asl.2018.11628</a>	2018	Kamarudin, Nur Aiza Shuhada; <b>Mohamed, Azman</b> ; Nor, Hasanah Md; Ismail, Muhamad Rais;
41	Indexed Proceedings/ Conference	Temperature Distribution Study for Malaysia Broiler House <a href="https://doi.org/10.1109/icssa.2018.8535821">https://doi.org/10.1109/icssa.2018.8535821</a>	2018	K.X. Lau, P.L. Leow, J.J. Jamian, R. Arsat, A.A.A. Abdeltawab, S.S. Rahman
42	Indexed Proceedings/ Conference	Characterization of Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement in Concrete <a href="https://doi.org/10.1088/1757-899X/431/3/032002">https://doi.org/10.1088/1757-899X/431/3/032002</a>	2018	Hafizah, N. A. K., Rasid, N. N. A., Mohd.Sam, A. R., Lim, N. H. A. S., Ismail, M., Zardasti, L., <b>Azman, M.</b> Ariffin, N. F.
43	Indexed Proceedings/ Conference	Effect of Black Rice Husk Ash on Asphaltic Concrete Properties under Aging Condition <a href="https://doi.org/10.1088/1757-899x/431/3/032003">https://doi.org/10.1088/1757-899x/431/3/032003</a>	2018	Putra Jaya, R., Mohd Satar, M. K.I., Abdullah, N. A., Hainin, M. R., Abdul Hassan, N., Yaacob, H., Mohd Warid, M. N., <b>Mohamed, A.</b> , & Ramli, N. I.
44	Indexed Proceedings/ Conference	Effect of Various Filler Types on The Properties of Porous Asphalt Mixture <a href="https://doi.org/10.1088/1757-899x/342/1/012036">https://doi.org/10.1088/1757-899x/342/1/012036</a>	2018	Nurul Athma Mohd Shukry, Norhidayah Abdul Hassan, Mohd Ezree Abdullah, Mohd Rosli Hainin, Nur Izzi Md Yusoff, Ramadhansyah Putra Jaya and <b>Azman Mohamed</b>
45	Indexed Proceedings/ Conference	Performance of Hot Mix Asphalt Mixture Incorporating Kenaf Fibre <a href="https://doi.org/10.1088/1755-1315/140/1/012092">https://doi.org/10.1088/1755-1315/140/1/012092</a>	2018	Hainin, M. R., Khairul Idham Mohd Satar, M., Yaro, N. S., Hussein, S. O. A., Warid, M. N., <b>Azman, M.</b> , ... Ramadhansyah, P..
46	Indexed Proceedings/ Conference	Effect of Various Filler Types on The Properties of Porous Asphalt Mixture <a href="https://doi.org/10.1088/1757-899x/342/1/012036">https://doi.org/10.1088/1757-899x/342/1/012036</a>	2018	Nurul Athma Mohd Shukry, Norhidayah Abdul Hassan, Mohd Ezree Abdullah, Mohd Rosli Hainin, Nur Izzi Md Yusoff, Ramadhansyah Putra Jaya and <b>Azman Mohamed</b>
47	Indexed Proceedings/ Conference	Sound Absorption and Morphology Characteristic of Porous Concrete Paving Blocks <a href="https://doi.org/10.1088/1757-899X/271/1/012015">https://doi.org/10.1088/1757-899X/271/1/012015</a>	2017	Abd Halim, N. H., Nor, H. M., Ramadhansyah, P. J., <b>Mohamed, A.</b> , Abdul Hassan, N., Wan Ibrahim, M. H., Mohamed Nazri, F.

48	Indexed Proceedings/ Conference	Performance of Asphaltic Concrete Incorporating Styrene Butadiene Rubber Subjected To Varying Aging Condition <a href="https://doi.org/10.1063/1.5010579">https://doi.org/10.1063/1.5010579</a>	2017	Faisal Mohammed Salah, Ramadhansyah Putra Jaya, <b>Azman Mohamed</b> , Norhidayah Abdul Hassan, Nurul Najihah Mad Rosni, Abdullahi Ali Mohamed and Agussabti
49	Indexed Proceedings/ Conference	Low Noise and Properties of Double Layer Concrete Paving Blocks <a href="https://doi.org/10.1007/978-981-287-505-1_34">https://doi.org/10.1007/978-981-287-505-1_34</a>	2015	Euniza Jusli, Hasanan Md Nor, Ramadhansyah Putra Jaya, Zaiton Haron, Musli Nizam Yahya, <b>M Azman</b> , Lee Kuan Lim.
50	Indexed Proceedings/ Conference	Potential Effect of Palm Oil Fuel Ash as Micro-Filler Of Polymer Concrete <a href="https://doi.org/10.1007/978-981-287-505-1_6">https://doi.org/10.1007/978-981-287-505-1_6</a>	2015	A.K. Nur Hafizah, M.W. Hussin, M. Ismail, M.A.R. Bhutta, <b>M. Azman</b> , P.J. Ramadhansyah, A. Nur Farhayu and A.S.L. Nor Hasanah
51	Indexed Proceedings/ Conference	Low Noise and Properties of Double Layer Concrete Paving Blocks <a href="https://doi.org/10.1007/978-981-287-505-1_34">https://doi.org/10.1007/978-981-287-505-1_34</a>	2015	Euniza Jusli, Hasanan Md Nor, Ramadhansyah Putra Jaya, Zaiton Haron, Musli Nizam Yahya, <b>M Azman</b> , Lee Kuan Lim.
52	Non- Indexed Proceedings/ Conference	Factors Influencing Motorcycle Accidents Among P-Hailing Riders	2023	Muhammad Sidnan Abyan, <b>Azman Mohamed</b> , Sitti Asmah Hassan & Muralia Hustim
53	Non- Indexed Proceedings/ Conference	Accident Risk Factor Analysis Among P – Hailing In Skudai, Johor Bahru, Malaysia	2023	Muhammad Sidnan Abyan, <b>Azman Mohamed</b> , Mohd Khairul Afzan M. L. & Muhammad Isran Ramli
54	Non- Indexed Proceedings/ Conference	Engineering Effects of Sugar for Monitoring The Hydration of Heat on Cementitious Material to Form A Crystalline Structure	2022	Attahirua, Y. B., Azman, M., & Burgaa, A. A.
55	Non- Indexed Proceedings/ Conference	Rheological Properties of Asphaltene-Modified Bituminous Mastic	2022	N. A. A. Mazalan, M. K. I. Mohd Satar, <b>A. Mohamed</b>
56	Non- Indexed Proceedings/ Conference	Digitalization Of Road Safety Assessment and Audit: A Review	2022	Edura Halim, <b>Azman Mohamed</b> , Mohamad Syazli Fathi
57	Non- Indexed Proceedings/ Conference	Cold In-Place Recycling (CIPR) Mix Design with Various Proportion of Recycled Road Base and Reclaimed Asphalt Pavement (RAP)	2022	Anisur Rahman, <b>Azman Mohamed</b> , Raimi Mohd Ramli, Abd Jalil Abd Kadir & Abdul Rahman



58	Non- Indexed Proceedings/ Conference	Effect of Copper Slag as Fine Aggregates Replacement on Silica Fume Concrete Properties	2022	Ooi Ao Song, Abdul Rahman Mohd.Sam, <b>Azman Mohamed</b> , Suhaimi Abu Bakar, Mohd Yunus Ishak, Ahmad Azim Shukri, Siti Asma Abd Latif and Norhaliza Hamzah
59	Non- Indexed Proceedings/ Conference	Application of Internet of Things (IoT) in Interlocking Concrete Block Pavement for Performance Monitoring	2022	Eric Ting Sie Minga, <b>Azman Mohamed</b> , Mohd Asmawisham Alela, Nur Hafizah A.Khalida, Ahmed Eltwatib & Zaid Al-Saffarc.
60	Non- Indexed Proceedings/ Conference	Performance Analysis of Signalised Junction at Jalan Ulu Sungai Merah - Jalan Ling Kai Cheng, Sibul, Sarawak	2021	Kiew, J. L. H., Hassan, S. A., <b>Mohamed, A.</b> , & Munzilah, M.
61	Non- Indexed Proceedings/ Conference	Numerical Analysis of Vertical Deformation with Different Groove Shaped of Paver Blocks	2021	Manaff, H. A., <b>Mohamed</b> , <b>A.</b> , Jusoh, S. N., & Ahmad Shah, M. S.
62	Non- Indexed Proceedings/ Conference	Properties of Normal Concrete Containing Effective Microorganisms under Different Curing Conditions	2021	Norsyaza Aqilah Abd Rahman, Abdul Rahman Mohd.Sam
63	Non- Indexed Proceedings/ Conference	Characterization of Marine Clay under Microstructure Examination as Potential Pozzolana	2019	Abdulaziz Abdulmalik, Nurul Amalina M. Sani, <b>Azman Mohamed</b> , Abdul Rahman Mohd. Sam, Jamilu Usman and Nur Hafizah A. Khalid
64	Non- Indexed Proceedings/ Conference	The Feasibility of Rock Wool Waste Utilisation in a Double- Layer Concrete Brick for Acoustic: A Conceptual Review	2019	Mohammad, N. Z., Shyong, Y. Z., Haron, Z., Ismail, M., <b>Mohamed, A.</b> , A. Khalid, N. H., & Ling, T.-C.
67	Non- Indexed Proceedings/ Conference	The Effect of Eggshell Powder as an Accelerator in Blended Cement Concrete	2019	Abdul Rasid, N. N., Mohd Sam, A. R., <b>Mohamed</b> , <b>A.</b> , Abdul Shukor Lim, N. H., Abdul Majid, Z., A. Khalid, N. H., & Ling, T.-C.
68	Non- Indexed Proceedings/ Conference	Properties of Dense-graded Asphalt Mixture Compacted At Different Temperatures	2018	Ismail, S., Abdul Hassan, N., Yaacob, H., Rosli Hainin, M., Ros Ismail, C., <b>Mohamed, A.</b> , & Mohd Satar, M. K. I.
69	Non- Indexed Proceedings/ Conference	Potential Of Waste Garnet As Sand Replacement For Sub- Base Layer	2018	Abd Wahab, Mohd Asnawi and Salmi Nordin, Fardhila Syahira

70	Non- Indexed Proceedings/ Conference	Characterization of Soil Mixed With Garnet Waste for Road Shoulder <a href="https://doi.org/10.1088/1755-1315/220/1/012052">https://doi.org/10.1088/1755-1315/220/1/012052</a>	2018	Mior Sani, W. N. H., <b>Mohamed, A.</b> , Md Nor, H., Kamarudin, N. A. S., Khalid, N. H. A., Mohd Sam, A. R., & Ab Rashid, R.
71	Non- Indexed Proceedings/ Conference	Performance of Recycled Concrete Aggregates as Road Base Material Enhanced by Polymer Waste Layer	2018	Grawira Ganjur Giwangkara, <b>Azman Mohamed</b> , Hasanan Md Nor, Hafizah, N.A.K
72	Non- Indexed Proceedings/ Conference	The Hydration Effect on Palm Oil Fuel Ash Concrete Containing Eggshell Powder <a href="https://doi.org/10.1088/1755-1315/220/1/012047">https://doi.org/10.1088/1755-1315/220/1/012047</a>	2018	Abd Khalid, N. H., Abdul Rasid, N. N., Mohd Sam, A. R., Abdul Shukor Lim, N. H., Zardasti, L., Ismail, M., <b>Mohamed, A.</b> & Majid, Z. A.
73	Non- Indexed Proceedings/ Conference	Indoor Temperature Profile of Heat Lamp in Broiler House	2018	K.X. Lau, P.L. Leow, J.J. Jamian, R. Arsat, A.A.A. Abdeltawab, S.S. Rahman, N.H.A. Khalid, <b>A. Mohamed</b> and I.A. Khalid
74	Non- Indexed Proceedings/ Conference	Correlation between Functional and Structural Properties of Flexible Pavement	2018	Barudin, N. M., Yaacob, H., Hassan, N. A., Warid, M. N.M., Idham, M. K., Ismail, C. R., Nor, H. M., Hainin, M. R., <b>Mohamad, A.</b> , Afiqah, R. N., Ayob, M. F., & Jaya, R. P.
75	Non- Indexed Proceedings/ Conference	Effectiveness Of Tropical Soil Bacteria As Self-Healing Agent In Concrete	2018	Abdul Rahman Mohd.Sam, Hassan Amer Ali Al-Ghaifi, Aina Mawwar Ahmad Norain, Suhaimi Abu Bakar, Mahmood Md Tahir, Nur Hafizah Abd Khalid, <b>Azman Mohamed</b> , and Norazah Basar
76	Non- Indexed Proceedings/ Conference	Influence Of Pavement Condition Towards Accident Number On Malaysian Highway	2018	S N Baskara, H Yaacob, M R Hainin , S A Hassan, N Mashros, N Z M Yunus, N A Hassan, M N M Warid, M K Idham, C R Ismail, H M Nor, <b>A Mohamad</b> , MMA Aziz, R N Afiqah, M S A Ahmad and R P Jaya
77	Non- Indexed Proceedings/ Conference	Prediction of Sound Absorption Performance for Double Layer Rubberized Concrete Blocks <a href="https://doi.org/10.1039/b925853a">https://doi.org/10.1039/b925853a</a>	2017	Haron, Z., Jusli, E., Yaacob, H., Nor, H., Yahya, K., Ramadhansyah, P. J., <b>Azman, M.</b> Yahya, M. N.

78	Non-Indexed Proceedings/ Conference	Sound Absorption and Morphology Characteristic of Porous Concrete Paving Blocks	2017	Abd Halim, N. H., Nor, H. M., Ramadhansyah, P. J., <b>Mohamed, A.</b> , Abdul Hassan, N., Wan Ibrahim, M. H., Mohamed Nazri, F.
79	Non-Indexed Proceedings/ Conference	Staffs Acceptance Towards Implementation of Universiti Teknologi Malaysia's Global Plan in Organizational Development	2017	Salleh, Khadijah Mohd; Ahmad, Jamilah; Boon, Yusof; Ghaffar, Mohamad Najib Abdul; Hamdan, Abdul Rahim; Jambari, Hanifah; Khalid, Nur Hafizah Abd; <b>Mohamed, Azman</b> ; Tahir, Lokman
80	Non-Indexed Proceedings/ Conference	Properties of Polymer Concrete Containing Active Micro Filler of Palm Oil Fuel Ash	2017	Nur Hafizah A Khalid, Abdul Rahman Mohd Sam, <b>Azman Mohamed</b> , Nor Hasanah Abdul Shukor Lim and Nur farhayu Ariffin
81	Non-Indexed Proceedings/ Conference	Permeability and Strength of Porous Concrete Paving Blocks at Different Sizes Coarse Aggregate <a href="https://doi.org/10.1088/1742-6596/1049/1/012028">https://doi.org/10.1088/1742-6596/1049/1/012028</a>	2017	Abd Halim, N. H., Md Nor, H., Jaya, R. P., <b>Mohamed, A.</b> , Wan Ibrahim, M. H., Ramli, N. I., and Nazri, F. M.
82	Non-Indexed Proceedings/ Conference	Experimental Investigation of Flexural Behaviour of U-shaped Concrete Subgrade Panel	2017	Kamarudin, Nur Aiza Shuhada, <b>Mohamed, A.</b> , Md Nor, H., Hainin, M. R., A. Khalid, N. H., & Mohd Satar, M. K. I.
83	Non-Indexed Proceedings/ Conference	Performance of Asphaltic Concrete Incorporating Styrene Butadiene Rubber Subjected to Aging	2016	Faisal Mohammed Salah, Ramadhansyah Putra Jaya, Nurul Najihah Mad Rosni, <b>Azman Mohamed</b> , Norhidayah Abdul Hassan, Jahangir Mirza, and Agussabti
84	Non-Indexed Proceedings/ Conference	Effects Of Fineness Charcoal Ash From Coconut Shell On The Rheological Properties Of Bitumen	2016	Mad Rosni, N. N., Jaya, R. P., <b>Azman, M.</b> , Hassan, N. A., Salah, F. M., and Agussabti
85	Non-Indexed Proceedings/ Conference	Experimental Feasibility of U- Shape Concrete Panel for Low Bearing Capacity Subgrade	2016	Nur Aiza Shuhada, K., <b>Azman Mohamed</b> , Hasanan Md Nor.
86	Non-Indexed Proceedings/ Conference	Properties of Normal Cement Concrete Containing Effective Microorganism	2016	Abdul Rahman Mohd.Sam, <b>Azman Mohamed</b> , Nur Hafizah A. Khalid, Norazah Basar, Nur Farhayu Arifin &

				Norsyaza Aqilah Abd Rahman
87	Non-Indexed Proceedings/ Conference	Properties of Self-Curing Concrete Containing Palm Oil Clinker As Coarse Aggregates Replacement	2016	Abdul Rahman Mohd.Sam, <b>Azman Mohamed</b> , Nur Hafizah Abd Khalid, Mariyana Aida Abd Kadir, Nor Hasanah Abdul Shukor Lim & Muhd Fauzy Sulaiman
88	Non-Indexed Proceedings/ Conference	Fresh and Hardened Properties of Self-Compacting Lightweight Concrete Using Palm Oil Clinker	2016	Feen, O. S., Mohamed, R. N., and <b>Azman, M.</b>
89	Non-Indexed Proceedings/ Conference	Normal Concrete to Polymer Concrete Bond Strength: Mohr-Coulomb Theory	2015	Mohd Warid Hussin, Nur Hafizah A. Khalid, Mohammad Ismail, Mohamed A. Ismail, <b>Azman Mohamed</b> , Nur Farhayu Ariffin, Nor Hasanah Abdul Shukor Lim, Mostafa Samadi
90	Non-Indexed Proceedings/ Conference	Effectiveness of Palm Oil Fuel Ash as Micro-Filler in Polymer Concrete	2015	Jahangir Mirza, Nur Hafizah Abd Khalid, Mohd Warid Hussin, Mohammad Ismail, Mohamed A. Ismail, Mahmood Md. Tahir, <b>Azman Mohamed</b> , Farhayu Ariffin
91	Non-Indexed Proceedings/ Conference	Effect of Micro-Filler of Palm Oil Fuel Ash on Interfacial Porosity of Polymer Concrete	2015	, Nur Hafizah Abd Khalid, Mohd Warid Hussin, Mohammad Ismail, Mohamed A. Ismail, <b>Azman Mohamed</b> & Hun-Seung Lee
92	Non-Indexed Proceedings/ Conference	Implementation of Project Based Learning for Civil Engineering Students at Universiti Teknologi Malaysia	2015	Muhammad Azril Hezmi, Radzuan Saari, Mushairry Mustaffar, Che Ros Ismail, Mohd For Mohd Amin, Muhammad Nassir Hanapi, Khairulzan Yahya, Yusof Ahmad, <b>Azman Mohamed</b> , Nor Zurairahetty Mohd Yunus, Asnul Dahar Minghat, Siti Norafida Jusoh, Mohd Yunus Ishak, Mohd Zulkifli Mohd Yunus

93	Non-Indexed Proceedings/ Conference	Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U-Shaped Concrete Panel	2016	Nur Aiza Shuhada, K., <b>Azman Mohamed</b> , Hasanan Md Nor. Muhammad Rais Ismail.
94	Non-Indexed Proceedings/ Conference	A Review of Porous Concrete Block Pavement for Heavy Rainfall	2014	Nur Hidayah A.H, Hasanan Md. Nor, Ramadhansyah P.J. and <b>Azman M</b>
95	Non-Indexed Proceedings/ Conference	A Review of Double Layer Rubberized Concrete Paving Blocks	2014	Euniza J, Hasanan M.N, Ramadhansyah P.J, Zaiton H., and <b>Azman M.</b>
96	Non-Indexed Proceedings/ Conference	A Review of Porous Concrete Block Pavement For Heavy Rainfall	2014	Nur Hidayah A.H, Hasanan Md. Nor, Ramadhansyah P.J. and <b>Azman M</b>
97	Non-Indexed Proceedings/ Conference	Effect Of Bedding Sand Thickness on Shell Groove Underside Shaped Concrete Block Pavement	2014	<b>Azman.M</b> , Hasanan Md Nor, M.R. Hainin, Haryati Yaacob, Che Ros Ismail and Nur Hafizah A.K.
98	Non-Indexed Proceedings/ Conference	A Review of Double Layer Rubberized Concrete Paving Blocks	2014	Euniza J, Hasanan M.N, Ramadhansyah P.J, Zaiton H., and <b>Azman M.</b>
99	Non-Indexed Proceedings/ Conference	Potential Effect of Palm Oil Fuel Ash as Micro-Filler On Microstructure And Strength of Polymer Concrete	2014	N.A.K. Hafizah, M.W. Hussin <sup>2,b*</sup> , M. Ismail, M.A.R. Bhutta, <b>M. Azman</b> , P.J. Ramadhansyah, N.A.Farhayu, N.A.S.L.Hasanah
100	Non-Indexed Proceedings/ Conference	Low Noise and Properties of Concrete Paving Blocks with Double Layers	2014	EUNIZA Jusli, HASANAN Md. Nor, RAMADHANSYAH Putra Jaya, ZAITON Haron, MUSLI Nizam Yahya, <b>M. Azman</b> and LEE Kuan Lim
101	Non-Indexed Proceedings/ Conference	Tensile Properties of Kenaf Fiber Reinforced Polymer Composites	2013	Nur Hafizah, A.K., Jamaludin, M.Y., Bhutta, M.A.R., Husin, M.W., Mohammad Ismail, <b>Azman, M.</b>
102	Non-Indexed Proceedings/ Conference	Strengthening Reinforced Concrete Beams using Kenaf Fiber Reinforced Polymer Composite Laminates	2013	Bhutta, M.A.R., Nur Hafizah, A.K., Jamaludin, M.Y., Warid, M.H., Ismail, M., <b>Azman, M.</b>

103	Non-Indexed Proceedings/ Conference	Effect of Jointing Sand Size and Spacing on Horizontal Displacement of Concrete Block Pavement.	2013	NurHidayah A. H, Hasanan Md. Nor, and <b>Azman Mohammed</b>
104	Non-Indexed Proceedings/ Conference	The Effect of Underside Shaped Concrete Block on Pavement Rutting	2012	<b>Azman Mohamed</b> , Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail
105	Non-Indexed Proceedings/ Conference	Structural Evaluation of Modified Concrete Block Pavement: Underside Surface Modification	2012	Hasanan Md Nor, Mohd Rosli Hainin and <b>Azman Mohamed</b>
106	Non-Indexed Proceedings/ Conference	Vertical Displacement of Underside Shaped Concrete Block Pavement	2010	<b>Azman Mohamed</b> , Hasanan Md Nor and Mohd Rosli Hainin
107	Non-Indexed Proceedings/ Conference	Experimental Works on Varying Shapes of Underside Surface Concrete Block for Pavement	2010	Hasanan Md Nor and <b>Azman Mohamed</b>
108	Non-Indexed Proceedings/ Conference	Using Bedding Sand Mixed with Cement as Joint Filler In Concrete Block Pavement.	2004	<b>Azman Mohamed</b> dan Hasanan Md Nor
109	Non-Indexed Proceedings/ Conference	Effect of Horizontal Force to The Joint of Concrete Block Pavement.	2004	<b>Azman Mohamed</b> and Hasanan Md Nor
110	Non-Indexed Proceedings/ Conference	Kesan Tindakan Daya Sisi Terhadap Jarak Sambungan Turapan Blok Konkrit.	2004	<b>Azman Mohamed</b> and Hasanan Md Nor
111	Non-Indexed Proceedings/ Conference	Kesan Sambungan Daya Sisi Terhadap Jarak Sambungan Turapan Blok Konkrit	2002	<b>Azman Mohamed</b> dan Hasanan Md Nor
112	Non-Indexed Proceedings/ Conference	Joint Performance of Concrete Block Pavement Using Badding Sand with Cement admixture.	2001	<b>Azman Mohamed</b> dan Hasanan Md Nor
113	Non-Indexed Proceedings/ Conference	Prestasi sambungan Turapan Blok Konkrit Menggunakan Pasir Pengalas Dengan Bahan Tambah Simen	2001	<b>Azman Mohamed</b> dan Hasanan Md Nor
114	Seminars	Interaction of Underside Shaped Concrete Blocks and Bedding Sand	2011	<b>Azman Mohamed</b> , Hasanan Md Nor, Mohd Rosli Hainin, Haryati

				Yaacob, Che Ros Ismail and Nooraini Ahmad
115	Seminars	The Effect of Laying Patterns on Underside Shaped Concrete Block Pavement Horizontal Resistance	2011	<b>Azman Mohamed</b> , Shakira Abdul Aziz, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail
116	Thesis - PhD	<i>Performance of Underside Shaped Concrete Blocks for Pavement</i>	2014	<b>Azman Mohamed.</b>
117	Thesis - Msc	Prestasi Sambungan Turapan Penguncian Blok Konkrit Menggunakan Pasir Pengalas Dengan Bahan Tambah Simen	2004	<b>Azman, M.</b>
118	Original Book	Teaching Module For Civil Engineering Research Students	2020	Sobri Harun, Ahmad Safuan A. Rashid, Nur Syamimi Zaidi, Libriati Zardasti, Ain Naadia Mazlan, Sitti Asmah Hassan, Nor Hasanah Abdul Shukor Lim, Ilya Khairanis Othman, <b>Azman Mohamed</b> , Ahmad Razin Zainal Abidin @ Md. Taib, Eeydzah
119	Book Chapter	Garnet for Bedding Sand Layer of Concrete Block Pavement <i>Sustainable Construction Using Waste Materials In Malaysia</i>	2019	Aziz, M. Z., <b>Mohamed, A.</b> , Mohd Sam, R. A., & Awang, A. Z.
120	Book Chapter	Concrete Waste Aggregate in Construction	2019	Grawira, Ganjur Giwangkara, <b>Mohamed, A.</b> , Ab Kadir, M. A., & Abu Bakar, S.
121	Book Chapter	Building Demolition Waste as Aggregates for Road-Base Construction	2019	<b>Mohamed, A.</b> , Md Nor, H., David, S., & Awang, A. Z.
122	Book Chapter	Self-Curing Concrete with Palm Oil Clinker as Fine Aggregates	2019	Mohd Jainar, N., Mohd Sam, A. R., Abdul Shukor Lim, N. H., & <b>Mohamed, A.</b>
123	Book Chapter	Shear Resistance Of Bedding Soil On Underside Shaped Concrete Block <a href="https://doi.org/10.1007/978-94-007-4473-8_3">https://doi.org/10.1007/978-94-007-4473-8_3</a>	2017	<b>Azman, M.</b> , Nur Ayuni Fatin, M., Nur Hafizah, A. K., and Hasanan, M. nor.
124	Classified/Technical Report	Defect Inspection and Monitoring for Suspended Slab	2022	Nur Hafizah Abd Khalid, <b>Azman Mohamed</b> , Abdul

		At FGV Pasir Gudang, Johor Darul, Takzim		Rahman Mohd.Sam, Raja Ezar Ishamuddin B Raja Abdul Latiff, Mushairry Mustaffar, Radzuan Saari, Kamrul Zaman Kamisan, Hairul Hairi Harun, Nawawi Mohd Salleh
125	Classified/Technical Report	Final Report On Traffic Studies For Pengerang Integrated Complex (PIC) During Operation Stage	2020	Othman Che Puan, Che Ros Ismail, Sitti Asmah Hassan, Nordiana Mashros, Norhidayah Abdul Hassan, <b>Azman Mohamed</b> , Mohd Zul Hanif Mahmud, Mohd Khairul Idham Mohd Satar
126	Classified/Technical Report	Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat, Muar, Kulai Dan Pasir Gudang	2018	Sitti Asmah Binti Hassan, Othman Bin Che Puan, Nordiana Binti Mashros, <b>Azman Mohamed</b> , Mohd Khairul Idham Bin Mohd Satar
127	Classified/Technical Report	Impak Kenderaan Perdagangan Terhadap Aliran Lalu Lintas Di Atas Jalan Utama Di Daerah Johor Bahru Dan Kulai	2017	<b>Azman Mohamed</b> , Che Ros Ismail, Norhidaah Abdul Hassan, Haryati Yaacob, Nordiana Binti Mashros
128	Classified/Technical Report	Penilaian Semula Rekebentuk Turapan Jalan Luar Bandar	2017	<b>Azman Mohamed</b> , Che Ros Ismail, Norhidaah Abdul Hassan, Haryati Yaacob, Nordiana Binti Mashros
129	Classified/Technical Report	Penyediaan Pangkalan Data Dan Pengurusan Kemudahan Ruang Parkir Di Pusat Bandar Johor Bahru, Batu Pahat Dan Muar	2017	<b>Azman Mohamed</b> , Othman Che Puan, Hasanan Md Nor, Mohd Rosli Hainin, Che Ros Ismail
130	Classified/Technical Report	Penilaian Fasiliti Terminal Pengangkutan Awam Larkin Sentral Dan Jb Sentral	2017	<b>Azman Mohamed</b> , Mohd Rosli Hainin, Che Ros Ismail, Othman Che Puan, Hasanan Md Nor,

**PLENARY/CHAIRPERSON/ORAL POSTER PRESENTER/KEYNOTE ADDRESS / INVITED GUEST SPEAKER**

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Invited Guest Speaker	Kursus Teknikal Kepada Woon Brothers Construction Sdn Bhd	02/10/2023 to 03/10/2023	Universiti Teknologi Malaysia (UTM)



2	Invited Guest Speaker	Mendeley - Program Research Week Perpustakaan Tunku Tun Aminah	14/08/2023 to 14/08/2023	Universiti Tun Hussein Onn Malaysia
3	Invited Guest Speaker	The Workshop of Let Get Stated with Mendeley	23/08/2023 to 23/08/2023	Universitas Hasanuddin, Mekassar, Sulawesi, Indonesia
4	Invited Guest Speaker	Kursus Berstruktur PPGSS FCE Bagi Program Mendeley Workshop (Secara Dalam Talian)	07/09/2023 to 07/09/2023	Universiti Teknologi Malaysia (UTM)
5	Invited Guest Speaker	The 6th International Symposium On Infrastructure Development (ISID 2023)	23/08/2023	Universitas Hasanuddin, Mekassar, Sulawesi, Indonesia
6	Invited Guest Speaker	Pemanfaatan Mayerial Bekas Dan Limbah Industri Untuk Bahanperkerasan Jalan	28/08/2023	Universitas Tidar - Magelang Indonesia
7	Chairperson	13th International Conference on Geotechnical and Transportation Engineering & 3rd International Conference of Highway And Transportation Engineering, 2024"	01/12/2024 to 31/12/2024	Universiti Teknologi Malaysia (UTM)
8	Keynote Address	International UTM-UNHAS Invitational Lectures	29/11/2022	Faculty of Built Environment and Surveying, UTM
9	Oral Presenter	AHI EVRAN 2nd International Conference on Scientific Research	21/10/2022 to 23/10/2022	Kirsehir, Turkey
10	Oral and Technical Presenter	CUKUROVA 9th International Scientific Research Conference	9/10/2022 to 11/10/2022	Adana, Turkey
11	Oral and Technical Presenter	5th International African Conference on Current Studies of Science, Technology & Social Science	02/02/2022 to 05/02/2022	Cairo, Egypt
12	Keynote Address	2 Days Workshop-Asphalt Concrete: Production, Construction and Compliance	19/09/2022 to 20/09/2022	Universiti Teknologi Malaysia (UTM)
13	Invited Guest Speaker	Guide to Eliminate Formatting Errors using UTM Thesis Template	22/09/2022	Cisco Webex Meeting
14	Chairperson	Bengkel Semakan & Pembentangan Keputusan Peperiksaan Pelajar Semester I Sesi 2021/2022	02/03/2022	Universiti Teknologi Malaysia (UTM)
15	Invited Guest Speaker	Kursus Upskilling Buiding Material untuk Pensyarah Kolej Vokasional Bidang Teknologi Pembinaan	04/07/2022 to 07/07/2022	UTM Residensi, UTMKL
16	Oral Presenter	3rd International Conference on Civil and Environmental Engineering Technologies	11/04/2021	University of Kufa, Faculty of Engineering in Al-Najaf City, Iraq
17	Chairperson	International Forum on Integrated Infrastructure Development, InFlnID 2021	22/09/2021	Platform: Zoom (ROOM C: ICHITRA)

18	Invited Guest Speaker	Application of Visio in Research	03/05/2021	Cisco Webex Meeting
19	Invited Guest Speaker	Utm Thesis Template	02/05/2021	Cisco Webex Meeting
20	Invited Guest Speaker	Kursus Wajib PGSS Sekolah Kejuruteraan Awam Bagi Program <i>Thesis Template Workshop</i>	04/07/2021	Cisco Webex Meeting
21	Invited Guest Speaker	Program "Online Courses on Pavement Quality Control"	24/02/2021	Cisco Webex Meeting
22	Oral Presenter	3rd International Conference on the Civil and Environmental Engineering Technologies (ICCEET-2021)	21/04/2021 to 22/04/2021	University of Kufa, Faculty of Engineering, Najaf City, Iraq.
23	Invited Guest Speaker	UTM Thesis Template & Writing Workshop	25/08/2020	Cisco Webex Meeting
24	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	11/10/2020	Universiti Teknologi Malaysia (UTM)
25	Invited Guest Speaker	Kursus Wajib PGSS Sekolah Kejuruteraan Awam Bagi Program Thesis Template Workshop	04/08/2020	Cisco Webex Meeting
26	Invited Guest Speaker	Kursus wajib PGSS Sekolah Perniagaan Antarabangsa Azman Hashim (PGSS AHIBS JB): UTM Thesis Template & Writing Workshop	25/08/2020	Cisco Webex Meeting
27	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	07/10/2020	Cisco Webex Meeting
28	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	30/09/2020	Cisco Webex Meeting
29	Invited Guest Speaker	Mendeley-Your Friendly Reference And Citation Managing Tool	08/09/2020	Cisco Webex Meeting
30	Oral Presenter	4th International Conference on Construction and Building Engineering & 12th Regional Conference In Civil Engineering (ICONBUILD & RCCE 2019) - Paper: 066	20/08/2019 to 22/08/2019	Adya Hotel, Langkawi, Kedah, Malaysia
31	Oral Presenter	4th International Conference on Construction and Building Engineering & 12th Regional Conference In Civil Engineering (ICONBUILD & RCCE 2019) - Paper: 060	20/08/2019 to 22/08/2019	Adya Hotel, Langkawi, Kedah, Malaysia
32	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	02/04/2019	Universiti Teknologi Malaysia (UTM)
33	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	16/05/2019	Universiti Teknologi Malaysia (UTM)
34	Invited Guest Speaker	UTM Thesis Format: Writing Thesis & Mendeley	06/08/2019	Universiti Teknologi Malaysia (UTM)
35	Invited Guest Speaker	Bengkel Perisian Mendeley Untuk Pustakawan Perpustakaan UTM	20/03/2019	Universiti Teknologi Malaysia (UTM)
36	Invited Guest Speaker	Expert Talk on Mendeley	21/10/2019	Pavement Transport

				Research Group, UTM
37	Chairperson	11th International Conference on Geotechnical Engineering in Tropical Regions (11th GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (1st ICHITRA)	27/02/2019 to 28/02/2019	Universiti Teknologi Malaysia (UTM)
38	Invited Guest Speaker	Auto-Generate Thesis Writing	16/12/2018	Universiti Teknologi Malaysia (UTM)
39	Invited Guest Speaker	Kursus MRSC 1063 (Sustainable Transport, Road And Bridge)	07/04/2018	Menara Razak, UTM, KL
40	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	17/03/2018	Universiti Teknologi Malaysia (UTM)
41	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	21/04/2018	Universiti Teknologi Malaysia (UTM)
42	Invited Guest Speaker	Kursus Berstruktur Tahun 3 Bagi Program Thesis Writing & Viva Defense Course	07/10/2018	Universiti Teknologi Malaysia (UTM)
43	Oral Presenter	The 12th International Civil Engineering Post Graduate Conference (SEPKA) - The 3rd International Symposium on Expertise of Engineering Design (3rd ISEED)	27/08/2018 to 28/08/2018	Le Grandeur Palm Resort, Senai, Johor Malaysia
44	Chairperson	Cadangan Pembinaan Taman Tasik Bandar Tenggara, Lembaga Perbandaran Johor Tenggara, Johor	01/01/2018 to 12/06/2018	Taman Tasik Bandar Tenggara, Lembaga Perbandaran Johor Tenggara, Johor
45	Chairperson	Potential Use of Quarry Waste for Road Shoulder	01/03/2018 to 31/12/2018	Infra Desa Johor Sdn Bhd
46	Plenary	International Conference on Science, Engineering and the Social Sciences	18/05/2017	Universiti Teknologi Malaysia (UTM)
47	Invited Guest Speaker	Senai-Desaru Expressway (E22) Seminar	18/01/2017	Senai Desaru Expressway
48	Invited Guest Speaker	Knowledge Transfer Programme - Mersing	06/02/2017	Mersing, Johor
49	Invited Guest Speaker	Kursus Teknik Penulisan Laporan Teknikal Menggunakan "Advance Microsoft Word"	07/10/2017	Khairi Consult Sdn Bhd
50	Invited Guest Speaker	Auto-Generated Thesis and Report Writing	28/10/2017	University Collage Technical Sarawak
51	Invited Guest Speaker	Auto-Generated Thesis and Report Writing	22/03/2017	Politeknik Sultan Haji Ahmad Shah
52	Invited Guest Speaker	Structured course "CSSC 3130: UTM Thesis Format and Mendeley Workshop"	15/09/2017	Universiti Teknologi Malaysia (UTM)

53	Invited Guest Speaker	Bengkel Penulisan Buku Penyelidikan	26/11/2017	Universiti Teknologi Malaysia (UTM)
54	Invited Guest Speaker	Workshop on Auto-Generated Thesis and Report Writing	16/10/2017	Universiti Teknologi Malaysia (UTM)
55	Invited Guest Speaker	Workshop on Auto-Generated Thesis and Report Writing	14/10/2017	Universiti Teknologi Malaysia (UTM)
56	Oral Presenter	3rd International Conference on Science, Engineering and the Social Sciences 2017 (ICSESS 2017)	17/05/2017 to 17/05/2017	Universiti Teknologi Malaysia (UTM)
57	Oral Presenter	3rd International Conference on Science, Engineering and the Social Sciences 2016 (ICSESS 2016)	29/05/2016 to 01/06/2016	Universiti Teknologi Malaysia (UTM)
58	Chairperson	The 11th International Civil Engineering Post Graduate Conference - The 1st International Symposium on Expertise of Engineering Design (SEPKA – ISEED'16)	26/09/2016 to 27/09/2016	Universiti Teknologi Malaysia (UTM)
59	Oral Presenter	The 11th International Civil Engineering Post Graduate Conference - The 1st International Symposium on Expertise of Engineering Design (SEPKA – ISEED'16)	26/09/2016 to 27/09/2016	Universiti Teknologi Malaysia (UTM)
60	Chairperson	Projek Perkhidmatan Perundingan Kepada Syarikat Southern Premix Sdn. Bhd. VOT: 970	01/01/2016 to 31/12/2016	Menara Razak, UTM, KL
61	Keynote Address	Auto-Generate Thesis Writing	31/07/2016	Universiti Teknologi Malaysia (UTM)
62	Chairperson	3rd International Conference on Science, Engineering and the Social Sciences 2016 (ICSESS 2016)	29/05/2016 to 01/06/2016	Universiti Teknologi Malaysia (UTM)
63	Invited Guest Speaker	Thesis Writing Part 1 - Microsoft Visio Workshop	29/04/2015	30/05/2015
64	Invited Guest Speaker	Thesis Writing Part 2 - Microsoft Office & Mendeley Workshop	29/07/2015	29/07/2015
65	Chairperson	Taskforce “ To conduct Workshops for Graduate Faculty”	15/03/2015 to 31/12/2015	Universiti Teknologi Malaysia
66	Chairperson	International Conference on Sustainable Urban Design for Liveable Cities (SUDLIC) 2014	11/11/2014 to 12/11/2014	Menara Razak, UTM, KL
67	Oral Presenter	International Conference on Sustainable Urban Design for Liveable Cities (SUDLIC) 2014	11/11/2014 to 12/11/2014	Menara Razak, UTM, KL
68	Oral Presenter	The National Seminar on Civil Engineering Research (SEPKA 2014)	09/04/2014 to 10/04/2014	Pusat Latihan UTM, Skudai, Johor
69	Oral Presenter	The 9th International Conference of Geotechnical & Transportation Engineering (GEOTROPIKA) and The 1st International Conference on Construction and Building Engineering	28/10/2013 to 30/10/2013	Persada Johor Internatioanl Convention Centre, Johor Bahru, Johor

**PROFESSIONAL SERVICES**
**Consultation and Training**

	ROLE	TITLE OF PROGRAMME	DATE	LOCATION	TOTAL INCOME GENERATED (RM)
1	Leader	Vot 1313: Perkhidmatan Perundingan (Ujian-Ujian Bahan Pembinaan, Laporan Teknikal Dan Kursus Teknikal)	01/06/2023	UTSB	18036
2	Member	Product Quality Control Report for PB-65 Soil Sealant	10/08/2023	UTSB	1839.10
3	Member	2 Days Short Course: Pavement Materials, Mix Design & Construction	02/10/2023 to 03/10/2023	UTSB	14628
4	Leader	Road Materials Quality Testing And Course	19/09/2022 to 20/09/2022	Skudai Johor	9116
5	Member	Mechanical & Durability Performance Of Autoclaved Aerated Concrete With/Without Bottom Ash, Mortar, Cement-Sand Brick And Clay Brick	01/01/2022 to 31/12/2022	Senai Johor	13000
6	Member	Defect Inspection And Monitoring For Suspend Slab	01/01/2022 to 22/04/2022	Delima Oil Product Sdn Bhd (Pasir Gudang, Johor)	15264
7	Member	Traffic Study For Pengerang Intergrated Complex (Pic) During Operation Stage For Petronas Refinery And Petrochemical Corporation Sdn Bhd (PRPC)	9/12/2019 to 30/6/2020	Petronas Refinery And Petrochemical Corporation Pengerang Johor	384,000
8	Member	Vot 1739 : Perkhidmatan Perundingan (Ujian	27/10/2020 to 31/12/2020	UM Laboratory Sdn Bhd	1,575

		Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)			
9	Leader	VOT 1313 : Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	01/01/2020 to 10/02/2020	Infra Desa (Johor) Sdn Bhd	8,400
10	Member	Sustainable Off-Grid Photovoltaic Eco-Gallery	01/07/2020 to 31/12/2020	Universiti Teknologi Malaysia	95,000
11	Leader	Potential Use of Quarry Waste for Unpaved Road Shoulder (Materials Testing, Technical Assistance, Technical Report and Site Monitoring Works)	01/01/2019 to 10/06/2019	Infra Desa (Johor) Sdn Bhd	8,680
12	Member	Kerja Perundingan: Menjalankan Kerja Mackintosh Untuk Ujian Probe Jkr Di 37 Buah Stesen Sekitar Johor	30/10/2018 to 15/11/2018	JKR Negeri Johor	18,870
13	Leader	VOT 1313 : Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	01/01/2018 to 12/06/2018	MU Maju Enterprise Sdn. Bhd.	2,740
14	Speaker	Training - Autogenerate Thesis Writing	14/10/2017	Universiti Teknologi Malaysia	7,100
15	Speaker	Training - Autogenerate Thesis Writing	11/03/2017	Universiti Teknologi Malaysia	3,200
16	Leader	Uni-Technologies Sdn. Bhd. Vot 970 : Perkhidmatan Perundingan kepada Syarikat Southern Premix Sdn. Bhd.	25/05/2016 to 01/06/2016	Southern Premix Sdn Bhd	27,030
17	Leader	Uni-Technologies Sdn. Bhd. Vot 970 : Perkhidmatan Perundingan kepada Southern Premix Sdn Bhd	15/10/2015 to 31/12/2015	Southern Premix Sdn Bhd	43,000

## Entrepreneurship

NO	SPIN OFF COMPANY (UTM)	TOTAL INCOME GENERATED (RM) (individual equity value based on audited company account in 3 years)

NO	1.HICOE MANAGEMENT/AGENCY 2. BOARD OF DIRECTOR OR 3. MANAGEMENT FOR CORPORATTION ENTITE	AVERAGE ACQUISITION IN 3 YEARS.

#### Community Project

NO	ROLE	NAME OF PROJECT	DATE	TOTAL VALUE OF PROJECT (RM)

#### Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1	Member	Misi Sumbangan Aidilfitri Mangsa Banjir Kg. Parit Basri, Seri Medan, Batu Pahat	16/04/2023 to 17/04/2023	University	Surau Kg. Parit Basri, Seri Medan, Batu Pahat
2	Member	Program Yayasan Petronas Sentuhan Kasih Disaster Relief (SKDR) Community-Based Disaster Risk Management (CBDRM) Komuniti Gugusan Kepulauan Tumpat Kelantan	27/05/2022 to 29/05/2022	National	Komuniti Gugusan Kepulauan Tumpat, Kelantan
3	Member	Khidmat Masyarakat Bersama JKR Mersing Penilaian Kerosakkan Jalan di Tanjung Resang Mersing	01/01/2019 to 31/12/2019	Community	Tanjung Resang Mersing
4	Member	Sumbangan Khidmat Masyarakat - Program Gotong-Royong Perdana	22/02/2020	University	Universiti Teknologi Malaysia

5	Fasilitator	Program Khidmat Masyarakat Generasi Mahasiswa Proaktif 2017 (Gempak'17)	21/08/2017 to 08/04/2017	University	Gelang Patah – UTM Johor – Sungai Sebulong
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#### **Endowment and Wakaf to University**

NO	NAME OF ENDOWMENT AND WAKAF	TOTAL CONTRIBUTION (RM)
1	Tabung Endowmen SKA	600/year
2	Zakat & Fitrah Johor	1200/year

#### **Commercialisation**

NO	ROLE	NAME OF PRODUCT COMMERCIALISATION	DATE	TOTAL INCOME GENERATED (RM)

#### **Grant based on innovation and University Commercialisation Product**

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO

#### **Patent Granted and Filing**

NO	NAME OF PATENT	STATUS OF PATENT	REFERENCE NUMBER
1	Rejuvenated Asphalt Binder Composition and Process for Preparing the Same	Patent	IP/PT/2019/0898
2	Asphalt FWB	Patent	IP/PT/2019/0897

#### **Copyright**

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT	REFERENCE NUMBER
1	Tension Stiffening Simulation for Steel and Near-Surface Mounted Reinforcements	Copyright	IP/CR/04702
2	Asphalt Food Waste Binder (Green Road Technology)	Copyright	LY2023J01412
3	Dry Mix Process for HMA Incorporating Combination of Activated Crumb Rubber And Super Plast as Additive.	Copyright	IP/CR/04782
4	Schematic Diagram of Dry Mix Process of HMA Incorporating Activated Crumb Rubber as Additive	Copyright	IP/CR/04784
5	Traffic Noise Measurement Form	Copyright	IP/CR/04132



6	A Method of Producing Lightweight Geopolymer Concrete Using Low Molarity Solution	Copyright	IP/CR/03797
7	Ca(OH) <sub>2</sub> Derived from Carbide Lime Waste for CO <sub>2</sub> Capturing Mortar	Copyright	IP/CR/03795
8	Mechanics-Based Design for Near-Surface Mounted Strengthened Reinforced Concrete Beams	Copyright	IP/CR/03793
9	Drive Cycle for Aggressive Young And Middle-Aged Drivers	Copyright	IP/CR/03634
10	Hydrothermal Liquefaction of Food Waste	Copyright	IP/CR/02140
11	Asphalt Food Waste Binder (Green Road Technology)	Copyright	IP/CR/02139
12	Enhanced Dry Process Method for Waste Plastic Modified Asphalt Mixture	Copyright	IP/CR/02109
13	Questionnaire on Bus User Perception on COVID-19	Copyright	IP/CR/02107
14	Innovation of Asphalt FWB: Turning Waste into Resources	Copyright	IP/CR/02103
15	Mix Design of High Performance Concrete Containing Micro and Nano POFA	Copyright	IP/CR/00611
16	ARMS Stand for Stingless Bee Hive 2019	Copyright	IP/CR/00562
17	Mix Design of New and Waste Rockwool Mortar for Sound Insulation	Copyright	IP/CR/00161
18	Teaching Reflection	Copyright	IP/CR/00155
19	Bio-Lime Process of Eggshell Powder (ESP) - Uncarbonized, Carbonized and Decarbonized ESP	Copyright	IP/CR/2019/0301
20	Blending Process for Cup Lump Modified Asphalt Binder	Copyright	IP/CR/2019/0228
21	Two-Stage Pretreatment of Kenaf by Peracetic Acid and Calcium Hydroxide	Copyright	IP/CR/2019/0060
22	Method of Malto-Oligosaccharides Enzymatic Production using Maltogenic Amylase	Copyright	IP/CR/2019/0080
23	Program Handbook for Master of Engineering Transportation	Copyright	IP/CR/2019/0059
24	Inverted U-shaped Subgrade Concrete Panel	Copyright	IP/CR/2018/0603
25	Early Strength and Self Compacting Concrete Containing Silica Fume and Decarbonized Eggshell Powder	Copyright	IP/CR/2018/0405
26	Vertical Steel Shear Link As An Earthquake Resistance For Concrete Frame Structure	Copyright	IP/CR/2018/0319
27	Traceability of Sustainable Bio-Lime Inspired Eggshell under Thermogravimetric Analysis	Copyright	IP/CR/2018/0318

28	Gripping Technique for Tensile Test of Glass Fibre Reinforced Polymer Bar	Copyright	IP/CR/2018/0317
29	Studded Concrete Block Paver	Copyright	IP/CR/2017/0276
30	Slide Pengajaran dan Pembelajaran Asphalt Modification	Copyright	IP/CR/2017/0270
31	Puffin Control Logic	Copyright	IP/CR/2017/0262
32	Design of Kenaf Plate with High Volume Kenaf Content	Copyright	IP/CR/2017/0113
33	High Early Strength and Self Compacting Concrete Containing Calcium Carbonate and Low Content of Silica Fume	Trade Secret	IP/TS/2017/0073
34	Survey Camp Reflective Journal Assessment Version 1	Copyright	IP/CR/2017/0038
35	Online Form : Exit Survey Version 1	Copyright	IP/CR/2016/2200
36	Design Mix of Polymer Concrete PC Containing Coarse and Fine Micro-Filler of Palm Oil Fuel Ash POFA	Copyright	IP/CR/2016/1692
37	Online Form for Peer Review: Leadership Skills Version 1	Copyright	IP/CR/2016/1675
38	Abstract Book 10th International Geotechnical and Transportation Research Conference	Copyright	IP/CR/2016/0245