



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) : 16
H-Index (SCOPUS) : 18
H-Index (G. Scholar) : 23
H-Index (Researchgate) : 15

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1	Doctoral Philosophy	Civil Engineering	Universiti Teknologi Malaysia	Nov 2008	May 2014
2	Master	Traffic & Highway	Universiti Teknologi Malaysia	12/5/2023	11/5/2024
3	Bachelor (Hons)	Civil Engineering	Universiti Teknologi Malaysia	27/6/1995	29/9/1997
4	Diploma	Civil Engineering	Universiti Teknologi Malaysia	27/6/1990	20/4/1993

AWARDS AND HONORS RECEIVED

Summary	
International Awards/Honors	15
National Awards/Honors	4
UTM Awards/Honors	17
Faculty Awards/Honors	28

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1	2024 Special Award "CEO ATTACHMENT" – Industrial Training	UTM	2024

2	Anugerah – Ketua Penyelaras Latihan Industri Sesi Akademik 2023/2024	UTM	2024
3	Award of Excellence Service 2024	FACULTY	2024
4	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 1-2023/2024	FACULTY	2024
5	Award of Excellence - Active Blended Learning Course (MEAQ1053-01) Semester 2-2023/2024	FACULTY	2024
6	Award of Excellence - Active Blended Learning Course (MEAQ1043-01) Semester 1-2023/2024	FACULTY	2024
7	Award of Excellence - Active Blended Learning Course (SEAA4813-01) Semester 2-2023/2024	FACULTY	2024
8	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 2-2023/2024	FACULTY	2024
9	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 1-2024/2025	FACULTY	2024
10	Award of Excellence - Active Blended Learning Course (MEAQ1043-01) Semester 1-2024/2025	FACULTY	2024
11	2024 Special Award MYRA	FACULTY	2024
12	2024 Special Award EAC	FACULTY	2024
13	2021 Gold Award for Top Papers	INTERNATIONAL	2023
14	Award of Excellence Service 2023	UTM	2023
15	SILVER PRICE - Seoul International Invention Fair 2023	INTERNATIONAL	2023
16	Best FKA Laboratory (EXHIBITION) - FKA Industry-Community Engagement Day (FKA ICE Day 2023)	FACULTY	2023
17	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 1-2023/2024	FACULTY	2023
18	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1-2022/2023	FACULTY	2023
19	Award of Excellence - Active Blended Learning Course (SEAA4813-01) Semester 1-2022/2023	FACULTY	2023
20	Award of Excellence Service 2022	UTM	2023
21	Anugerah Penulis Dalam Jurnal Berindeks – Kategori Fakulti	UTM	2023
22	Best Paper Award ID ICSEE – UTHM entitled Perception of Motorcyclists on Safe Riding in Kota Kinabalu.	NATIONAL	2022
23	Award of Excellence - Active Blended Learning Course (SKAB4032-01) Semester 2-2021/2022	UTM	2022
24	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 2-2021/2022	UTM	2022
25	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 1-2021/2022	UTM	2022
26	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1-2021/2022	UTM	2022
27	Award of Excellence - Active Blended Learning Course (SKAB3012-03) Semester 1-2020/2021	FACULTY	2021
28	Award of Excellence - Active Blended Learning Course (SKAB3012-02) Semester 2-2020/2021	FACULTY	2021
29	Award of Excellence - Active Blended Learning Course (SEAA3012-02) Semester 2-2021/2022	FACULTY	2021

30	Award of Excellence - Active Blended Learning Course (SEAA2832-03) Semester 2-2020/2021	FACULTY	2021
31	Award of Excellence - Active Blended Learning Course (MKAQ1053-01) Semester 1-2020/2021	FACULTY	2021
32	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1-2021/2022	FACULTY	2021
33	AIINEX – SPECIAL AWARD (Asphalt-FWB) Asia International Innovation Exhibition, 15 – 17 October 2021. Universiti Kuala Lumpur.	INTERNATIONAL	2021
34	AIINEX – GOLD AWARD (Asphalt-FWB) Asia International Innovation Exhibition, 15 – 17 October 2021. Universiti Kuala Lumpur.	INTERNATIONAL	2021
35	ITEX – GOLD MEDAL (Maltenator) 31st International Invention, Innovation & Technology Exhibition, Kuala Lumpur *20-21 Nov 2020).	NATIONAL	2020
36	Award of Excellence - Active Blended Learning Course (SKAB3012-03) Semester 2 - 2019/2020	FACULTY	2020
37	Award of Excellence - Active Blended Learning Course (SKAB3012-03) Semester 1 - 2020/2021	FACULTY	2020
38	Award of Excellence - Active Blended Learning Course (SKAB3012-01) Semester 2 - 2019/2020	FACULTY	2020
39	Award of Excellence - Active Blended Learning Course (MKAQ1053-01) Semester 1 - 2020/2021	FACULTY	2020
40	Award of Excellence - Active Blended Learning Course (MKAQ1043-01) Semester 1 - 2020/2021	FACULTY	2020
41	Award of Excellence Service 2019.	FACULTY	2019
42	INATEX – BRONZE (Maltenator). 21th Industrial Art and Technology Exhibition 2019, Dewan Sultan Iskandar, UTM, Johor Bahru, 30 Sept - 3 Oct.	UTM	2019
43	Anugerah Kumpulan Penyelidik Terbaik. Pavement Transportation Research Group. Anugerah Hari Kualiti 2017, 19 July.	FACULTY	2018
44	Award Of Excellence – Active Blended Learning Course (SKAA3842-01) Semester 2 - 2017/2018	UTM	2018
45	Anugerah Kumpulan Penyelidik Terbaik. Pavement Transportation Research Group. Anugerah Hari Kualiti 2016, 24 July.	FACULTY	2017
46	GOLD AWARD. International UTMBridge 2017 Model Competition, Dewan Sultan Iskandar, UTM, Johor Bahru, 26 – 29 March.	INTERNATIONAL	2017
47	OVERALL WINNER AWARD. International UTMBridge 2017 Model Competition, Dewan Sultan Iskandar, UTM, Johor Bahru, 26 – 29 March.	INTERNATIONAL	2017
48	INATEX – BRONZE (Geo Repair). 19th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November.	UTM	2017

49	INATEX – BRONZE (Eco Brick). 19th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November.	UTM	2017
50	INATEX – BRONZE (Bio-Asphalt P5). 19th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November.	UTM	2017
51	ITEX – SILVER (Asphalt Mix Produced from Electric Arc Furnace Steel Slag and Copper Mine Tailings), 27 th International Invention, Innovation & Technology Exhibition, Kuala Lumpur *12-14 May 2016.	INTERNATIONAL	2016
52	ITEX – SILVER (Sustainable Bitumen from Waste Material), 27 th International Invention, Innovation & Technology Exhibition, Kuala Lumpur *12-14 May 2016.	INTERNATIONAL	2016
53	ACADREX 2016 Innovation Competition- Empowering Women in Stem, Universiti Teknologi Petronas, 4-6 Nov 2016.	NATIONAL	2016
54	First Place for the Best Pontoon (Industry and Staff Category) at 3rd National Concrete Pontoon Competition	NATIONAL	2015
55	INATEX – SILVER (Asphalt Concrete Steel Slag and Copper Mine Tailing). 17th Industrial Art and Technology Exhibition 2015, Dewan Sultan Iskandar, UTM, Johor Bahru, 3 – 5 November.	UTM	2015
56	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
57	ITEX – SILVER (Cera Eco Block), 26 th International Invention, Innovation & Technology Exhibition, Kuala Lumpur *21-23 May 2015.	INTERNATIONAL	2015
58	SIIF GOLD PRICE (Cera Eco Block) – Seoul International Invention Fair (SIIF) 2015, Seoul, Korea. 26 Nov – 29 Dec 2015.	INTERNATIONAL	2015
59	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
60	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
61	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

62	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
63	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
64	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 Cekap 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	4
National Professional Membership / Qualifications / Recognition	5

NO	NAME OF PROFESSIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	Road Engineering Association of Asia and Australasia (REAAA)	International	Member	2024 to present
2	Pertubuhan Kejuruteraan Jalan Malaysia (Road Engineering)	National	Member	2024 to present

	Association Malaysia) REAM No: O.4001			
3	Malaysia Board of Technologist's (Professional). PT18050365 – (Building & Construction Technology)	National	Member	2018 to present
4	World Association for Scientific Research and Technical Innovation. WASRTI – M17299	International	Member	2018 to present
5	Mendeley Advisor. Elsevier	International	Member	2017 to present
6	American Concrete Institute Kuala Lumpur Chapter. Assoc 363	International	Member	2016 to present
7	Concrete Society of Malaysia. M0545	National	Member	2016 to present
8	Institution of Engineers, Malaysia. IEM No: G18162	National	Member	2013 to present
9	Board of Engineer, Malaysia. BEM No: 30258A	National	Member	2013 to present

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1	Penyelaras Latihan Industri Bagi Program Prasiswazah	01/01/2024	31/12/2024	Faculty of Civil Engineering, UTM
2	Penyelaras Kursus MEAQ 1043 Transport Planning Semester 1 Sesi 2023/2024	01/01/2024	31/07/2024	Faculty of Civil Engineering, UTM
3	Penyelaras Kursus MEAQ 1033 Transport and Environmental Planning Semester 2 Sesi 2023/2024	01/01/2024	31/07/2024	Faculty of Civil Engineering, UTM
4	Academic Advisor Semester 1 Session 2024/2025	01/01/2024	31/12/2024	Faculty of Civil Engineering, UTM
5	Penyelaras Kursus MEAQ 1043 Transport Planning Semester 1 Sesi 2023/2024	01/10/2023	31/12/2023	Faculty of Civil Engineering, UTM
6	Penyelaras Kursus SEAA 3045 – Latihan Industri Sesi 2023/2024	01/10/2023	31/12/2023	Faculty of Civil Engineering, UTM
7	Academic Advisor Session 2023/2024	01/10/2023	31/12/2023	Faculty of Civil Engineering, UTM

8	Penyeliaan Latihan Industri Sem 3 Sesi 2022-2023	03/09/2023	17/09/2023	Faculty of Civil Engineering, UTM
9	Penyelia Makmal FKA, Program Pengajian Separuh Masa UTM	11/09/2023	15/09/2023	Faculty of Civil Engineering, UTM
10	Penyelaras Latihan Industri – Program Sarjana Muda	01/06/2022	30/09/2024	Faculty of Civil Engineering, UTM
11	Penasihat Akademik Ijazah Sarjana Muda Session 2022/2023 Semester 1	01/01/2022	31/12/2022	Faculty of Civil Engineering, UTM
12	Penyelaras Kursus MKAQ 1043 – Semester 1 sesi 2022/2023	07/10/2022	01/07/2023	Faculty of Civil Engineering, UTM
13	Penyelaras Kursus SKAB4823 - Transport Planning – Semester 1 & 2 Sesi 2021/2022	01/01/2022	01/10/2022	Faculty of Civil Engineering, UTM
14	Penyelaras Kursus SKAB3045 - Latihan Indusri - Semester 1 & 2 Sesi 2021/2022	01/01/2022	30/09/2022	Faculty of Civil Engineering, UTM
15	Penyelaras di Sekolah Berkaitan MyRA Section E: Innovation	01/01/2021	31/12/2021	Faculty of Civil Engineering, UTM
16	Academic Advisor Semester 1 Session 2021/2022	01/01/2021	31/12/2021	Faculty of Civil Engineering, UTM
17	Penyelaras Kursus SKAB3045 – Practical Training - Semester 1 & 2 Sesi 2020/2021	30/08/2020	01/09/2021	Faculty of Civil Engineering, UTM
18	Penyelaras Kursus SKAB4823 – Transport Planning - Semester 1 & 2 Sesi 2020/2021	30/08/2020	01/09/2021	Faculty of Civil Engineering, UTM
19	Penyelaras Kursus MKAQ1043 - Transport Planning Semester I, Sesi 2020/2021	15/10/2020	31/05/2021	Faculty of Civil Engineering, UTM
20	Penyelaras di Sekolah Berkaitan MyRA Section E: Innovation	01/01/2020	31/12/2020	Faculty of Civil Engineering, UTM
21	Academic Advisor Semester 1 Session 2020/2021	01/01/2020	31/12/2020	Faculty of Civil Engineering, UTM
22	Penyelaras Kursus SKAA 4823 - Transport Planning – Semester 1 & 2 Sesi 2019/2020	30/04/2019	31/12/2019	Faculty of Civil Engineering, UTM
23	Penyelaras Kursus MKAQ1043 - Transport Planning Semester I, Sesi 2019/2020	18/09/2019	31/12/2019	Faculty of Civil Engineering, UTM
24	Penyelaras Kursus MKAQ1033 - Transport and Environmental Planning Semester I, Sesi 2019/2020	18/09/2019	31/12/2019	Faculty of Civil Engineering, UTM
25	Academic Advisor – Semester 1 & 2, Session 2019/2020	01/01/2019	31/12/2019	Faculty of Civil Engineering, UTM
26	Penyelaras Kursus SKAA 4823 - Transport Planning – Semester 1 & 2 Sesi 2018/2019	30/07/2018	31/12/2018	Faculty of Civil Engineering, UTM
27	Coordinator for MyRA - Section G (Networking and Linkages)	01/02/2018	31/12/2018	Faculty of Civil Engineering, UTM
28	Penyelaras – Pusat Pengajian Separuh Masa (PPSM)	01/01/2018	29/07/2018	School of Professional and Continuing Education (SPACE)
29	Academic Advisor – Semester 1 Session 2018/2019	01/01/2018	31/12/2018	Faculty of Civil Engineering, UTM

30	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
31	Penyelaras Kursus SKAA 4823 - Transport Planning – Semester 1 Sesi 2017/2018	01/01/2017	31/12/2017	Faculty of Civil Engineering, UTM
32	Academic Advisor – Semester 1 Session 2017/2018	01/01/2017	31/12/2017	Faculty of Civil Engineering, UTM
33	Academic Advisor – Semester 1 Session 2015/2016	01/01/2016	31/12/2016	Faculty of Civil Engineering, UTM
34	Penyelaras Kursus SAB 4823 - Transport Planning – Semester 1 & 2 Sesi 2016/2017	01/09/2016	31/12/2016	Faculty of Civil Engineering, UTM
35	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
36	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	14 projects (RM 727,141.44)
Consultation Project- Others	0 projects (RM 0)

No.	YEAR	TITLE	VALUE	VOT NO.
1	2024	Pembangunan Platform Malaysia Standard (MS) Template	RM20,000.00	2534
2	2024	Sumbangan Peralatan Makmal	RM3,703.66	-
3	2023	Product Quality Control Report for PB-65 Soil Sealant	RM1,839.10	1815
4	2023	2 Days Short Course: Pavement Materials, Mix Design & Construction	RM14,628.00	431
5	2023	Perkhidmatan Perundingan (Ujian-Ujian Bahan Pembinaan, Laporan Teknikal Dan Kursus Teknikal)	RM18,036.00	1313
6	2022	International Forum Of Integrated Infrastructure Development (INFINID 2021)	RM18,871.68	A.J160000.6600.08405
7	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
8	2022	Road Materials Quality Testing and Course	RM9,116.00	1815
9	2022	Defect Inspection And Monitoring For Suspend Slab	RM15,264.00	1849
10	2021	Tabung Seminar INFINID 2021- I CHITRA	RM8,960.00	A.J510200.6600.06111
11	2020	Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	RM5,391.00	1739
12	2019	Traffic Study for Pengerang Intergrated Complex (Pic) During Operation Stage for	RM384,000.00	1624(2020)

		Petronas Refinery and Petrochemical Corporation Sdn. Bhd. (PRPC)		
13	2019	GEOTROPIKA-ICHITRA 2019	RM177,911.00	A.J510200.6600.06111
14	2018	Potential Use of Quarry Waste for Road Shoulder	RM36,421.00	1313

INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Committee	58
National Committee	37
University Committee	59
Faculty Committee	144
Community Committee	6

International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Journal Construction and Building Materials – CONBUILDMAT-D-24-02665	Reviewer	30/05/2024	30/05/2024
2	Advanced Sustainable Technology International Conference 2024 - ASTECH 2024: 015- 009	Reviewer	07/03/2024	07/03/2024
3	Mendeley Workshop	Advisor	07/11/2024	31/12/2024
4	5th International Conference On Civil And Environmental Engineering (ICCEE)	Chairman	01/01/2024	24/08/2024
5	The 9th International Conference on Low Carbon Asia	Reviewer	01/06/2023	24/06/2023
6	Elsevier (Case Studies in Construction Materials)	Reviewer	01/03/2023	27/03/2023
7	Elsevier (Journal of Cleaner Production)	Reviewer	01/02/2023	11/02/2023
8	Elsevier (Construction and Building Materials)	Reviewer	01/02/2023	11/02/2023
9	Elsevier (Construction And Building Materials – Conbuildmat-D-23-02196)	Reviewer	01/09/2023	24/09/2023
10	International Colloquium (Sustainability In Civil & Environmental Engineering)	Member	04/10/2023	10/10/2023
11	International Topkapi Congress, Turkey	Presenter	15/03/2023	16/03/2023
12	Elsevier (Measurement – MEAS-D-22-03846)	Reviewer	/08/2022	/08/2022
13	Elsevier (Construction And Building Materials – Conbuildmat-D-22-06634)	Reviewer	02/09/2022	29/09/2022

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

34	12th International Conference on Geotechnical and Transportation Engineering & 2nd International Conference on Highway and Transportation Engineering 2021	Bendahari	01/11/2019	30/04/2021
35	Inbound Mobility Program (Universitas Islam Sultan Agung, Indonesia)	Lecturer	12/02/2019	05/03/2019
36	International UTM BRIDGE 2019 Model Competition	Member	05/08/2018	31/12/2018
37	The 3rd International Conference on Low Carbon Asia & Beyond (ICLCA 17)	Reviewer	01/01/2018	24/06/2018
38	International Highest Early Strength Self – Consolidating Concrete Cubee Competition 2018 (i-HESSCCC 2018)	Participant – Advisor	19/04/2018	20/04/2018
39	Technical Visit and Research Discussion	Member	05/11/2018	11/11/2018
40	Malaysian Journal of Civil Engineering, Manuscript : MJCE 0117-1	Reviewer	31/03/2017	31/03/2017
41	3rd International Conference on Construction and Building Engineering (ICONBUILD 2017)	Reviewer	14/08/2017	17/08/2017
42	International Conference on Civil and Environmental Engineering (CENVIRON 2017) – Paper ID:45, 96 & 151	Reviewer	22/12/2017	22/12/2017
43	Boot President University Forum 2017	Member	23/08/2017	23/08/2017
44	International UTM BRIDGE 2017 Model Competition	Participant	01/01/2017	31/12/2017
45	One Day Colloquium in Transport Issues – UTM – UNSRI COLLOQUIUM Collaboration	Participant	27/02/2017	27/02/2017
46	10th International Conference on Geotechnical and Transportation Engineering (GEOTROPIKA 2016)	Reviewer	26/12/2016	26/12/2016
47	International Conference on Science, Engineering, Management and Social Science 2016 (ICSEMSS 2016)	Participant	06/10/2016	07/10/2016
48	Malaysian Journal of Civil Engineering, Manuscript : MJCE 0715-3	Reviewer	21/01/2016	21/01/2016
49	2nd International Conference on Science, Engineering and the Social Sciences (ICSESS 2016).	Reviewer	27/06/2016	11/07/2016
50	Editorial Board Jurnal Teknologi – Special Edition (Transportation Behaviour & Human Factors)	Editor	11/05/2015	31/12/2015
51	Jurnal Teknologi Article – Special Edition (Transportation Behaviour & Human Factors)	Referee	21/06/2015	31/12/2015
52	4th International Conference on Engineering Business Management (ICEBM) 2015	Referee	22/08/2015	23/08/2015

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

National

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Perkhidmatan Mengemaskini Guide Presentation of Malaysia Standard (GSD 1) dan Merekabentuk serta Membangunkan Malaysia Standard (MS) Template Berdasarkan GSD 1	Member	21/06/2024	31/12/2024
2	Collaboration - Lingkaran Premix Sdn Bhd	Member	12/08/2024	12/08/2024
3	Advanced Sustainable Technology International Conference 2024	Reviewer	03/07/2024	03/07/2024
4	Journal Of Civil Engineering, Science and Technology (JCEST)	Reviewer	18/01/2024	18/01/2024
5	Perunding Projek: Projek Pembangunan Platform Malaysia Standard (MS) Template	Member	13/08/2024	31/12/2024
6	Advanced Sustainable Technology International Conference 2024 (ASTECH 2024)	Reviewer	09/07/2024	09/07/2024
7	AJK Menyemak & Mengemaskini REAM SP 9_2020 - Specifications and Guidelines for Interlocking Concrete Paving Block (ICPB)	Member	25/09/2024	31/12/2024
8	Audit Program Teknologi Pembinaan & Vetting Item Pentaksiran Berterusan	Member	02/10/2023	02/10/2023
9	Journal of Cleaner Production – D-22-23083R1	Reviewer	01/03/2023	21/03/2023
10	UMP Research Series: Construction Engineering and Management (Volume 2)	Reviewer	31/03/2022	31/03/2022
11	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
12	Program Yayasan Petronas Sentuhan Kasih Disaster Relief (SKDR) Community-Based	Member	27/05/2022	29/05/2022

	Disaster Risk Management (CBDRM) Komuniti Gugusan Kepulauan Tumpat Kelantan			
13	International Journal of Engineering, Technology and Sciences (IJETS)	Reviewer	01/06/2021	28/07/2021
14	Penilaian Program Diploma Teknologi Pembinaan Kolej Vokasional Ipoh	External Examiner	06/04/2021	30/06/2021
15	UMLAB Laboratory & Services Sdn. Bhd.	Technical Advisor	01/07/2021	01/07/2026
16	Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	Consultant	01/07/2021	01/07/2025
17	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
18	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
19	Penganjur Bersama Pertandingan Master Build-off Competition	Member	01/12/2020	28/02/2021
20	AJK for REAM Specification and Guideline for Interlocking Concrete Pavers	Member	01/01/2020	31/12/2020
21	AJK for REAM Specification and Guideline for Interlocking Concrete Pavers	Member	11/11/2019	31/12/2019
22	2nd International Conference on Civil & Environmental Engineering 2019 (CENVIRON 2019) – Paper ID: 020 - 018	Reviewer	20/11/2019	21/11/2019
23	Kerja Perundingan: Menjalankan Kerja Mackintosh untuk Ujian Probe JKR di 37 Buah Stesen Sekitar Johor	Consultant	30/10/2018	15/11/2018
24	Knowledge Transfer Programme – Mersing	Member	22/01/2017	22/01/2017
25	Research Collaboration – Sto SEA Sdn. Bhd.	Researcher/Consultant	01/01/2017	31/12/2017
26	Research Collaboration - Khalid Latiff Holding Sdn. Bhd.	Researcher/Consultant	01/01/2017	31/12/2017
27	Forensic Civil Engineering Seminar 2017 (FoRCES'17)	Member	12/02/2017	43/10/2017
28	Aroma Malaysia: Biofuel	Consultant	01/01/2017	31/12/2017
29	Smart Rural Project	Consultant	21/05/2017	21/05/2017
30	Knowledge Transfer Programme - Mersing	Facilitator	06/02/2017	06/02/2017
31	Forensic Civil Engineering Seminar 2016 (FoRCES'16)	Member	29/03/2016	05/10/2016
32	Collaboration and Consultation Between PG Electrical Enterprise and FKA-UTM	Consultant	23/10/2016	31/12/2016
33	Pertanika Journal of Science & Technology (JST). Paper ID: 126	Reviewer	17/10/2016	17/10/2016
34	American Concrete Institute Kuala Lumpur Chapter	Member	08/09/2015	31/12/2015
35	Concrete Society of Malaysia	Member	09/03/2015	31/12/2015
36	Malaysian Journal of Civil Engineering – MJCE 0714-4	Rewiever	01/11/2014	30/11/2014

37	Malaysian Journal of Civil Engineering	Rewiever	01/10/2014	31/10/2014
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NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Badan Kebajikan Staff UTM	Member	01/01/2024	31/12/2024
2	Panel Penilai Teknikal Penilaian Proposal Niche Area Innovative Engineering	Evaluator	07/01/2024	31/01/2024
3	GEOCHITRA 2024 (13 th GEOTROPIKA & 3 rd ICHITRA) – International Conference on Geotechnical Engineering in Tropical Regions and International Conference on Highway and Transportation Engineering	Chairman	01/01/2024	31/12/2024
4	Task-Force Program “Voluntary Industrial Training” Bagi Pelajar Program Sarjana Muda	Member	01/01/2024	31/12/2024
5	Persatuan Kakitangan Akademik Universiti Teknologi Malaysia	Member	01/01/2023	31/12/2023
6	Task Force Program “Voluntary Industrial Training” Bagi Pelajar Program Sarjana Muda Universiti Teknologi Malaysia	Member	22/05/2023	31/12/2023
7	Badan Kebajikan Staff (BAKES) UTM	Member	01/01/2023	31/12/2023
8	Misi Sumbangan Aidilfitri Mangsa Banjir Kg. Parit Basri, Seri Medan, Batu Pahat	Member	16/04/2023	17/04/2023
9	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
10	Pembangunan Modul Persediaan Latihan Industri	Member	15/03/2023	31/12/2023
11	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
12	Task Force Program “Voluntary Industrial Training” Bagi Pelajar Program Sarjana Muda Universiti Teknologi Malaysia	Member	01/06/2022	31/05/2023
13	Ahli Projek Pemindahan Ilmu Teknik Pembinaan Menggunakan Interlocking Hotlow Brick System / UTM Construction Research Centre	Member	25/04/2022	25/07/2022
14	Taskforce Semakan Garis Panduan & Templat Thesis UTM	Member	01/08/2022	31/01/2023
15	Penilaian Peringkat Pertama Doktor Falsafah Semester 1, Sesi 2021/2022	Evaluator	28/04/2022	28/04/2022
16	Penilaian Peringkat Pertama Doktor Falsafah Semester 2, Sesi 2021/2022	Evaluator	12/07/2022	12/07/2022
17	50 Tahun Gemilang Bersama UTM	Member	13/10/2022	13/10/2022

18	Majlis Amanat Naib Canselor	Member	25/01/2022	25/01/2022
19	Perunding Projek - Raw Copper Slag Analysis - VOT 1860	Consultant	30/01/2022	31/12/2023
20	Penilaian Proposal UTMFR 2022/2 Niche Area Innovative Engineering. UTMFR - PY/2022/03918	Evaluator	02/10/2022	03/10/2022
21	Penilaian Proposal UTMFR 2022/2 Niche Area Innovative Engineering. UTMFR - PY/2022/04328	Evaluator	02/10/2022	03/10/2022
22	Projek Khidmat Komuniti 2022 UTM Construction Research Centre (UTM CRC)-Projek Pembinaan Rumah Adik Syafiq	Member	25/04/2022	25/07/2022
23	Malaysian Journal of Civil Engineering	Reviewer	26/06/2022	26/06/2022
24	Program Lawatan Kolaborasi dan Aktiviti Projek Binaan Konkrit Lestari	Member	05/12/2021	05/12/2021
25	Badan Kebajikan Staf Universiti Teknologi Malaysia	Member	01/01/2021	31/12/2021
26	Program Gotong Royong Perdana	Member	22/02/2020	22/02/2020
27	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
28	Kelulusan Dana Technology Implementation Fund (TIF) - Sustainable Off-Grid Photovoltaic Eco-Gallery	Member	01/07/2020	31/12/2021
29	Projek : Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal Dan Kursus Teknikal) VOT 1379	Consultant	29/11/2020	31/12/2020
30	Penilaian Proposal UTMFR 2020/1 Niche Area Innovative Engineering UTM - PY/2020/04280	Evaluator	01/08/2020	25/09/2020
31	Persatuan Kakitangan Akademik (PKA) Universiti Teknologi Malaysia	Member	01/01/2019	31/12/2019
32	Industrial Art and Technology Exhibition 2019 (INATEX 2019) – WMA-CUP LUMP	Participant	30/09/2019	03/10/2019
33	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
34	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
35	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
36	Engineering Industry Innovation Day 2019 (EIID2019)	Evaluator	11/09/2019	11/09/2019

37	Penilaian Proposal UTMFR 2019/1 Niche Area Innovative Engineering	Evaluator	15/10/2019	01/11/2019
38	Penilaian Proposal GUP TIER 2 2019/1 Niche Area Innovative Engineering	Evaluator	15/05/2019	15/05/2019
39	The 1st International Conference on Highway and Transportation Engineering	Member	01/01/2018	31/12/2018
40	The 11th International Conference on Geotechnical and Transportation Engineering	Setiausaha	01/01/2018	12/02/2018
41	Kolaborasi Penyelidikan Bersama	Consultant	23/03/2018	31/12/2018
42	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
43	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
44	3rd International Conference on Construction and Building Engineering, ICONBUILD	Reviewer	14/01/2018	14/01/2018
45	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
46	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
47	Perkhidmatan Perundingan (Ujian-Ujian Bahan Pembinaan, Laporan Teknikal dan Kursus Teknikal)	Consultant	26/03/2018	31/12/2018
48	International UTM Bridge Model Competition (UTMBRIDGE 2019)	Member	11/10/2018	31/12/2019
49	Penilaian Proposal GUP TIER 2 2017/1 Niche Area Innovative Engineering	Evaluator	23/05/2017	23/05/2017
50	Industrial Art and Technology Exhibition 2017 (INATEX 2017) – BIO-ASPHALT	Participant	21/11/2017	22/11/2017
51	Program Khidmat Masyarakat Generasi Mahasiswa Proaktif 2017 (GEMPAK'17)	Facilitator	31/03/2017	31/03/2017
52	Program 'Jom Patching Jalan'	Member	19/10/2016	19/12/2016

53	Info Day Postgraduate UTM	Member	07/05/2015	07/05/2015
54	Lawatan Kerjasama Universiti dan Industri	Member	18/05/2015	22/05/2015
55	Penilaian Proposal GUP 2015/3 Niche Area Innovative Engineering	Evaluator	25/10/2015	25/10/2015
56	Alumni UTM	Member	01/01/2014	31/12/2014
57	Industrial Art & Technology Exhibition (INATEX) 2014	Participant	30/09/2014	02/10/2014
58	Kurikulum Program Sarjana Sains (Kelestarian Infrastruktur)	Member	01/04/2014	31/12/2014
59	Industrial Art & Technology Exhibition (INATEX) 2013	Participant	02/10/2013	04/10/2013

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1	Program Khidmat Masyarakat Bagi Tahun 2024 Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA)	Member	01/01/2024	31/12/2024
2	Penilaian Pembentangan Peringkat Pertama Penyelidikan – Semester 2 Sesi 2023/2024	Member	23/06/2024	27/06/2024
3	Panel Penilai Projek Sarjana 1 Semester 2 Sesi 2023/2024	Member	19/05/2024	10/06/2024
4	2 Day Short-Course and Laboratory Training on Pavement Materials and Mixture Design	Facilitator	17/12/2024	18/12/2024
5	Penyelia Projek Sarjana Muda (SKAB 4034/SKAA 4034) Semester 1 Sesi 2024/2025)	Member	01/01/2024	31/12/2024
6	Panel Pembentangan Ulangan Projek Sarjana 2 Semester 2 Sesi 2023/2024	Member	10/07/2024	10/07/2024
7	Panel Pembentangan Tarikh Khas Projek Sarjana 2 Semester 2 Sesi 2023/2024	Member	30/06/2024	30/06/2024
8	Panel Pembentangan Projek Sarjana 2 Semester 2 Sesi 2023/2024	Member	10/06/2024	12/06/2024
9	Penyeliaan Latihan Industri	Member	25/08/2024	07/09/2024
10	Penilaian Pembentangan Peringkat Pertama Penyelidikan – Semester 1 Sesi 2023/2024	Member	01/01/2024	03/01/2024
11	Panel Pembentangan Projek Sarjana 2 Semester 1 Sesi 2023/2024	Member	08/01/2024	010/01/2024

12	Panel Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2024/2025	Member	02/12/2024	02/12/2024
13	Panel Penilaian Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2023/2024	Member	13/05/2024	16/05/2024
14	Final Year Project - Presentation & Evaluation Semester 2 Session 2023/2024	Member	08/07/2024	09/07/2024
15	FKA Industry-Community Engagement Day (FKA ICE Day 2024)	Member	10/06/2024	10/06/2024
16	Kelab Keluarga Fakulti Kejuruteraan Awam 2024	Member	01/01/2024	31/12/2024
17	Panel Penilai Kaedah Penyelidikan dan Pra Projek (SKAA/SKAB4022) Semester 2 Sesi 2023/2024	Member	01/01/2024	31/05/2024
18	Penilaian Projek Sarjana 1 Semester 2 Sesi 2023/2024	Member	19/05/2024	10/06/2024
19	Mock Viva Doktor Falsafah	Member	23/10/2024	23/10/2024
20	Jawatankuasa MYRA Fakulti Kejuruteraan Awam	Member	01/01/2024	31/12/2024
21	Task Force Self-Assessment (SAR) Fakulti Kejuruteraan Awam	Member	01/07/2024	31/12/2024
22	Task Force Persediaan Audit Akreditasi (Engineering Accreditation Council) (EAC) 2024	Member	01/10/2024	31/12/2024
23	Program Preparation Industrial Training 1 & 2 (Prep 1&2) Fakulti Kejuruteraan Awam	Member	13/12/2024	20/12/2024
24	Ahli Jawatankuasa Fakulti (JKAF) Prasiswazah Fakulti Kejuruteraan Awam	Member	01/01/2024	31/12/2024
25	Jawatankuasa Rail Tech Symposium 2024 anjuran Fakulti Kejuruteraan Awam	Member	01/06/2024	01/06/2024
26	Ajk Taskforce Knowledge Transfer Program (KTP): Pemindahan Ilmu Penurapan Jalan - Jom Tampil Jalan (JTJ)	Member	01/10/2024	05/10/2024
27	Biro Kebajikan dan Kemasyarakatan Kelab Keluarga Fakulti Kejuruteraan Awam Sesi 2024/2026	Chairman	12/02/2024	31/12/2024
28	Ahli Jawatankuasa Kurikulum Dan Silibus Fakulti Kejuruteraan Awam Sesi 2023-2024	Member	01/10/2023	30/09/2024
29	Aktiviti Khidmat Masyarakat, Kerohanian Dan Kuliah Dhuha Bagi Tahun 2023 Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA)	Member	01/01/2023	31/12/2023
30	Ahli Panel Penilai Bagi Pembentangan Projek Sarjana 2 Semester 2 Sesi 2022/2023	Member	19/06/2023	21/06/2023
31	Kelab Keluarga Fakulti Kejuruteraan Awam (KKFKA)	Member	01/01/2023	31/12/2023

32	Penilaian Keputusan Peperiksaan Semester 1 Sesi 2022/2023	Member	05/03/2023	05/03/2023
33	Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2023/2024	Member	12/12/2023	14/12/2023
34	FKA Industry-Community Engagement Day (FKA ICE Day 2023)	Moderator	11/12/2023	11/12/2023
35	FKA Industry-Community Engagement Day (FKA ICE Day 2023)	Exhibitor	04/12/2023	11/12/2023
36	Penilaian Bagi Pembentangan Projek Sarjana 1 Semester 3 Sesi 2022/2023	Member	04/09/2023	07/09/2023
37	Pengawas Peperiksaan Semester 1 Sesi 2022/2023	Member	06/02/2023	23/02/2023
38	Penilaian Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2022/2023	Member	15/05/2023	17/05/2023
39	Penilaian Bagi Pembentangan Projek Sarjana 2 Semester 1 Sesi 2022/2023	Member	16/01/2023	17/01/2023
40	Mock Viva Sarjana Falsafah FKA, UTM	Member	08/01/2023	08/01/2023
41	Jawatankuasa Taskforce Penambahbaikan Modul Kejuruteraan Jalanraya (SEAA 2832) Dan Kejuruteraan Trafik (SEAA 3842)	Member	20/08/2023	31/12/2023
42	ENVISION SO3: Advanced From Lab to Market Fakulti Kejuruteraan Awam	Leader	13/03/2023	31/12/2023
43	Jawatankuasa Self Assessment Report Sect 4	Member	01/07/2023	31/12/2024
44	AJK Akademik Fakulti (JKAF) Pra Siswazah FKA	Member	01/10/2022	30/09/2023
45	Jawatankuasa Pavement & Transport Research Group / PTRG	Member	01/09/2022	31/12/2023
46	ENVISION 2025 ; S03 - Advancing From Lab to Market	Member	01/03/2022	31/12/2022
47	Penyeliaan Latihan Industri Semester Pendek Sesi 2021/2022	Supervisor	28/08/2022	07/10/2022
48	Penilaian Projek Sarjana 1 Semester 1 sesi 2022/2023	Evaluator	19/12/2022	12/01/2023
49	Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2022/2023	Evaluator	12/12/2022	13/12/2022
50	Penilaian Projek Sarjana 2 Semester 2 sesi 2021/2022	Evaluator	20/06/2022	21/06/2022
51	Khidmat Masyarakat, Kerohanian Dan Kuliah Dhuha Bagi Tahun 2022	Member	01/01/2022	31/12/2022
52	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	02/01/2022	02/01/2022
53	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	17/05/2022	17/05/2022
54	Kelab Keluarga Fakulti Kejuruteraan Awam	Member	01/01/2022	31/12/2022

55	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 2 Sesi 2021/2022	Evaluator	31/05/2022	31/05/2022
56	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 1 Sesi 2020/2021	Evaluator	11/01/2022	11/01/2022
57	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 1 Sesi 2020/2021	Evaluator	03/01/2022	05/01/2022
58	Penilaian Projek Sarjana 1, Semester 2 Sesi 2021/2022	Evaluator	05/06/2022	16/06/2022
59	Penilaian Projek Sarjana 2 Semester 2 Sesi 2021/2022	Evaluator	20/06/2022	20/06/2022
60	Penyelia Makmal Fakulti Kejuruteraan Awam – Program Separuh Masa	Supervisor	25/08/2022	30/08/2022
61	Penyelia Projek Sarjana 1 Semester 2 Sesi 2021/2022	Supervisor	19/04/2022	31/03/2023
62	Penyelia Projek Sarjana 1 Semester 1 Sesi 2021/2022	Supervisor	22/11/2021	03/01/2022
63	Kelab Keluarga Sekolah Kejuruteraan Awam Sesi 2021/2022 – 2022/2023	Member	01/07/2021	01/09/2023
64	AJK Akademik Sekolah (JKAS) Pra Siswazah Sekolah Kejuruteraan Awam	Member	01/09/2021	31/12/2021
65	AJK Sistem Pengurusan Kualiti - Prosedur Pengendalian Latihan Industri	Member	01/01/2021	31/12/2022
66	6th Proceeding of Civil Engineering	Reviewer	01/01/2021	31/12/2021
67	Coordinator for Engineering Doctorate Programmes	Member	20/04/2021	31/12/2021
68	AJK Audit Interim Sekolah Kejuruteraan Awam	Member	01/01/2021	31/12/2021
69	Penilaian Projek Sarjana 1, Semester 2 Sesi 2020/2021	Evaluator	30/05/2021	10/06/2021
70	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 2 Sesi 2020/2021	Evaluator	03/05/2021	05/05/2021
71	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	18/01/2021	18/01/2021
72	Pre – Final Year Project, SKAB 4022 – Semester 1 Session 2020/2021	Evaluator	01/01/2021	14/01/2021
73	Penilaian Pembentangan Peringkat Pertama Penyelidikan Semester 2 Sesi 2020/2021	Evaluator	31/05/2021	02/06/2021
74	Penyelia Projek Sarjana 1 Semester 2 Sesi 2020/2021	Supervisor	20/04/2021	31/12/2021
75	Penilaian Projek Sarjana 1, Semester 3 Sesi 2020/2021	Evaluator	06/09/2021	07/09/2021
76	Penilaian Projek Sarjana 2 Semester 2 Sesi 2020/2021	Evaluator	15/06/2021	16/06/2021
77	Penilaian Projek Sarjana 1 Semester 1 Sesi 2020/2021	Evaluator	04/01/2021	14/01/2021
78	Program Future Ready Educators (FREE), Fakulti Kejuruteraan	Participant	01/05/2020	30/04/2021
79	Penilaian Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2020/2021	Evaluator	23/12/2020	23/12/2020
80	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	10/12/2020	10/12/2020
81	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	21/12/2020	21/12/2020
82	Penyelia Projek Sarjana Muda, Program Pengajian Separuh Masa semester 1 Sesi 2020/2021	Supervisor	15/10/2020	28/02/2021

83	Penyelia Pelajar Program Luar (Doktor Kejuruteraan - Teknologi & Pengurusan Pembinaan)	Supervisor	01/10/2020	31/12/2020
84	Kelab Keluarga Fakulti Kejuruteraan Awam	Member	01/12/2020	31/12/2020
85	Teaching Module For Civil Engineering Research Students	Editor	01/01/2020	31/12/2020
86	Khidmat Masyarakat, Kerohanian Dan Kuliah Dhuha Bagi Tahun 2020	Member	01/01/2020	31/12/2020
87	PTRG Sharing Session 1	Moderator	03/09/2020	03/09/2020
88	Penyelia Projek Sarjana 1 Semester I Sesi 2020/2021	Evaluator	26/11/2020	30/06/2021
89	Penilaian Pembentangan Peringkat Pertama Penyelidikan - Semester 2 Sesi 2019/2020	Evaluator	28/06/2020	30/06/2020
90	Penilaian Projek Sarjana 1 Semester 2 Sesi 2019/2020	Evaluator	10/06/2020	18/06/2020
91	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	09/07/2020	09/07/2020
92	Pembentangan Projek Sarjana Muda - SKAA4034, Semester 2 Sesi 2019/2020	Evaluator	07/07/2020	08/07/2020
93	Penyelia Projek Sarjana 1 Semester 2 Sesi 2019/2020	Supervisor	04/05/2020	31/12/2020
94	Program FE GOLD 1 - Mentee	Member	01/03/2020	31/08/2020
95	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	14/10/2020	14/10/2020
96	Panel Penilai Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2019/2020	Evaluator	01/07/2020	02/07/2020
97	Pasukan Tindakan Kecemasan (ERT) SKA	Member	14/10/2018	31/12/2020
98	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	08/09/2019	08/09/2019
99	Pengawas Peperiksaan Akhir Sem 2 Sesi 2018/2019	Member	14/05/2019	31/05/2019
100	Panel Penilai Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2018/2019	Evaluator	09/04/2019	09/04/2019
101	Pembentangan Projek Sarjana Muda - SKAA4034, Semester 1 Sesi 2019/2020	Evaluator	18/12/2019	18/12/2019
102	Pembentangan Projek Sarjana Pesisir Sabah, Semester 2 Sesi 2018/2019	Evaluator	27/04/2019	27/04/2019
103	Buku Research Methodology In Civil Engineering	Member	10/07/2019	31/12/2019
104	Pasukan Tindakan Kecemasan (ERT) fakulti Kejuruteraan Awam	Member	01/01/ 2019	13/10/2019
105	Kelab Keluarga Sekolah Kejuruteraan Awam	Head of Welfare Bureau	01/01/2019	05/03/2019
106	Khidmat Masyarakat dan Kuliah Dhuha Bagi Tahun 2018	Member	01/01/2018	21/12/2018
107	Penilaian Pembentangan Peringkat Pertama Penyelidikan - Semester 2 Sesi 2017/2018	Evaluator	02/05/2018	07/05/2018
108	Penilaian Bagi Pembentangan Kemajuan Penyelidikan Semester 1 Sesi 2018/2019	Evaluator	24/12/2018	29/10/2018
109	Pembentangan Projek Sarjana Muda - SKAA4034, Semester 2 Sesi 2017/2018	Evaluator	03/06/2018	04/06/2018
110	Viva Voce Fakulti Kejuruteraan Awam – Tan Lay Ting	Evaluator	21/02/2018	21/02/2018
111	Mock Viva Fakulti Kejuruteraan Awam	Evaluator	26/03/2018	26/03/2018

112	Penilaian Pembentangan Projek Sarjana 2 Semester 1 Sesi 2018/2019	Evaluator	10/12/2018	12/12/2018
113	Pengawas Peperiksaan Akhir Sem 1 Sesi 2018/2019	Chief Invigilator	22/12/2018	08/01/2019
114	Pengawas Peperiksaan Akhir Sem 2 Sesi 2017/2018	Chief Invigilator	26/05/2018	11/06/2018
115	Pengawas Peperiksaan Akhir Sem 1 Sesi 2017/2018	Chief Invigilator	02/01/2018	18/01/2018
116	Majlis Anugerah Kualiti Fakulti 2017 & Jamuan Hari Raya 2018	Co-emcee	19/07/2018	19/07/2018
117	Kelab Keluarga Sekolah Kejuruteraan Awam	Member	01/01/2018	31/12/2018
118	Semakan, Pembentangan Dan Mesyuarat Keputusan Peperiksaan Akhir Sem 2 Sesi 2017/2018 SPACE	Member	28/06/2018	28/06/2018
119	Task Force- FKA AKREDIRASI - 28 MEI 2017	Member	28/05/2017	31/12/2017
120	Kelab Keluarga 2017	Member	01/01/2017	31/12/2017
121	TAHLIL JGP	Member	20/02/2017	31/12/2017
122	Pasukan Tindakan Kecemasan (ERT) SKA	Member	13/04/2017	31/12/2017
123	Perbincangan Berkaitan Modul Program Pembangunan Profesional	Member	01/01/2017	01/01/2017
124	Penyelia Sarjana Program Luar (Separuh Masa) – Semester 2 Sesi 2016/2017	Supervisor	01/01/2017	31/12/2017
125	Penilaian Pembentangan Peringkat Pertama Penyelidikan – Semester 1 Sesi 2017/2018	Evaluator	20/11/2017	20/11/2017
126	Penilaian Projek Sarjana Muda - SKAA4022, Semester 1 Sesi 2017/2018	Evaluator	22/11/2017	22/11/2017
127	Penilaian Pembentangan Projek Sarjana 2 Semester 1 Sesi 2017/2018	Evaluator	30/11/2017	30/11/2017
128	Penilaian Bagi Pembentangan Kemajuan Penyelidikan Semester 2 Sesi 2016/2017	Evaluator	27/03/2017	27/03/2017
129	Penyelia Pelajar Sarjana Master Program Luar (Separuh Masa), Semester 1 Sesi 2016/2017	Supervisor	20/09/2016	31/12/2016
130	Kelab Keluarga Fakulti Kejuruteraan Awam 2016	Member	01/10/2016	31/12/2016
131	Penyelia Program Sarjana Muda Semester 1 Sesi 2016/2017	Supervisor	27/09/2016	31/12/2016
132	Penyelia Sarjana Program Luar (Separuh Masa) Semester 1 2016/2017	Supervisor	20/09/2016	31/12/2016
133	Bengkel Menyediakan Proposal Kontrak Research Untuk Perbadanan Pengangkutan Awam Johor (PAJ)	Consultant	10/11/2016	11/11/2016
134	Penilaian Pembentangan Projek Sarjana 2 Semester 1 Sesi 2016/2017	Evaluator	22/12/2016	22/12/2016
135	Pengawas Peperiksaan Akhir Sem 2 Sesi 2014/2015	Chief Invigilator	07/06/2015	28/06/2015
136	Penilaian Proposal GUP 2015/3 Niche Area Innovative Engineering	Evaluator	25/10/2015	25/10/2015
137	Penyelia Khemah Ukur Pelajar Tahun 1 SKAW Semester 2, Sesi 2014/2015	Facilitator	23/08/2015	01/09/2015
138	Culturing Knowledge FKA	Member	30/08/2015	31/12/2015
139	Majlis Anugerah Kualiti Fakulti 2014	Member	23/07/2015	18/08/2015
140	Penilaian Pembentangan Projek Sarjana Semester 1, Sesi 2014/2015	Evaluator	22/12/2014	23/12/2014

141	Penilaian Pembentangan Projek Sarjana Semester 2, Sesi 2013/2014	Evaluator	20/05/2014	21/05/2014
142	Penilaian Peperiksaan Lisan (VIVA VOCE)	Evaluator	18/12/2014	18/12/2014
143	Semakan dan Pembentangan Keputusan Peperiksaan Program	Member	02/07/2014	02/07/2014
144	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	Community Service Program: Pemindahan Ilmu Penurapan Jalan (Jom Tampil Jalan)	Member	05/10/2024	05/10/2024
2	Kolam Kelah: Lawatan ke Simpang Renggam	Member	08/01/2024	08/01/2024
3	Program Komuniti Sayangi Sungai Johor Bagi Kajian 'GCRF Water Security And Sustainable Development Hub'	Member	12/02/2023	12/02/2023
4	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
5	UM Laboratory & Services Sdn. Bhd	Advisor	01/07/2021	31/12/2021
6	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	Technical visits to Lingkaran Premix Sdn Bhd.	Lingkaran Premix Sdn Bhd, Selangor	12/08/2024	12/08/2024
2	Lawatan Penanda Aras Fakulti Kejuruteraan Universiti Putra Malaysia (UPM)	Universiti Teknologi Malaysia (UTM)	24/01/2024	24/01/2024
3	Sumbangan Peralatan Makmal Bagi Tujuan Pengajaran Dan Penyelidikan (Makmal Pengangkutan)	PTRG, Faculty of Civil Engineering	01/10/2024	31/12/2024
4	Technical visits to DURA Technology Sdn. Bhd, Tasek Corporation Sdn. Bhd, Hume Cement Sdn Bhd	Ura Technology Sdn. Bhd, Tasek Corporation Sdn. Bhd, Hume Cement Sdn Bhd	22/01/2024	23/01/2024
5	Majlis Bersama Naib Canselor JUN 2024	Universiti Teknologi Malaysia (UTM)	25/06/2024	25/06/2024
6	Kursus "Alternative Assessment for Open and Distance Learning (ODL)	CTLD, Universiti Teknologi Malaysia (UTM)	15/08/2024	15/08/2024

7	Webinar on Innovative Solution for Sustainable Road Development	AHN VERTEC SDN BHD, KUALA LUMPUR	27/11/2024	27/11/2024
8	Thermogravimetric Workshop & Research Discussion, UTM-PETRONAS	BATC, Universiti Teknologi Malaysia	12/09/2024	12/09/2024
9	UTM-Jabatan Standard Malaysia (MS) Template SIRI 1 – Discussion	Jabatan Standard Malaysia, Cyberjaya	23/08/2024	23/08/2024
10	Technical Visits to Premix Plant Tambak Sari	Tambak Sari Sdn Bhd, Kulai	08/05/2024	08/05/2024
11	Courtesy Visit to Cahya Mata Alam Facility	Cahaya Mata Alam Sdn Bhd, Shah Alam	28/11/2024	28/11/2024
12	Bengkel Penyediaan Dokumen “ROAD ENGINEERING ASSOCIATION MALAYSIA (REAM)-DRAINAGE TC06”	JKR Daerah Ulu Langat	15/10/2024	16/10/2024
13	Bengkel Keperluan Pembangunan Platform Malaysian Standard (MS) Template Siri 2	Jabatan Standard Malaysia, Cyberjaya	09/09/2024	10/09/2024
14	Bengkel Keperluan Pembangunan Platform Malaysian Standard (MS) Template Siri 2	Jabatan Standard Malaysia, Cyberjaya	10/10/2024	10/10/2024
15	Bengkel Perancangan Strategik, Penulisan Proposal Penyelidikan Serta Team Building UTM Construction Research Centre (UTM CRC) Dan Construction Materials Research Group (CMRG)	CRC & CMRG	26/09/2024	27/09/2024
16	Technical Visits to Aurum Precast Sdn. Bhd.	Aurum Precast Sdn. Bhd.	04/03/2024	04/03/2024
17	Panel Penilai Luar Bagi Permohonan SRR02 New Cycle Accreditation MBOT Program Diploma Teknologi Pembinaan	Kolej Vokasional Sultan Hajiahmad Shah Al-Mustain Billah	16/04/2024	16/04/2024
18	Seminar 6: Introduction to AI and Its Applications	Pusat Pembangunan Bakat Dan Kepimpinan, Jabatan Pendaftar, Utm Johor Bahru	24/06/2024	25/06/2024
19	2023 SEOUL International Innovation Fair	COEX, Seoul Korea	01/11/2023	04/11/2023
20	Distinguished Lecture on Pavement Design and Construction	Universiti Teknologi Malaysia (UTM)	09/04/2023	16/05/2023
21	Bengkel Pembangunan Modul Persediaan Latihan Industri, UTM	The Capri by Fraser Hotel, Johor Bahru	17/05/2023	18/05/2023
22	Bengkel Paten untuk Kategori Sains & Teknologi	Universiti Teknologi Malaysia (UTM)	21/03/2023	21/03/2023
23	Research And Integrated Studies Symposium	Politeknik Metro Betong / Sarawak	11/09/2023	13/09/2023
24	Visual Assessment: A Guideline to Assess Flexible Pavement Surface Conditions	Transportation Laboratory, UTM	09/05/2023	10/05/2023

25	Talk on "How to Became a Profesional Engineer As an Academician"	Faculty Of Chemical & Energy Engineering, UTM	23/02/2023	23/02/2023
26	BEM Webinar 2023 Series - Route to Professional Engineer	Board Of Engineers Malaysia	08/05/2023	08/05/2023
27	BEM Webinar 2023 Series - Preview of EAC Standard 2024	Board Of Engineers Malaysia	01/11/2023	01/11/2023
28	Ceramah Perdana Peringkat UTM 2023	Pusat Islam Universiti Teknologi Malaysia	30/03/2023	30/03/2023
29	MIROS-UKM Webinar Keselamatan Jalan Raya Siri 1 -2022: Methodologi Terkini Dalam Menganalisis Keselamatan Infrastruktur Jalan Raya	Institut Penyelidikan Keselamatan Jalan Raya Malaysia (MIROS)	08/03/2022	08/03/2022
30	Kursus Road Structure And Surface Evaluation	UMLab laboratory & Services Sdn Bhd	26/10/2022	26/10/2022
31	2 Days Workshop-Asphalt Concrete: Production, Construction and Compliance	Pavement Transport Reseach Group (PTRG)	19/09/2022	20/09/2022
32	Bengkel Semakan Garis Panduan dan Templat Tesis Siri 1	Sekolah Pengajian Siswazah, UTM	25/09/2022	25/09/2022
33	UTM Library Supporting Your Research Webinar Series 2022	Perpustakaan UTN	19/05/2022	19/05/2022
34	Web of Science Workshop	Universiti Teknologi Malaysia (UTM)	14/08/2019	14/08/2019
35	Remote Supervision Course (AS 104)	Universiti Teknologi Malaysia (UTM)	11/11/2019	11/11/2019
36	Shortcourse on Geophysical Methods for Road Construction and Maintenance	Pavement Transport Reseach Group (PTRG)	05/03/2019	05/03/2019
37	Workshop on Publication and Site Visit at Kampung Air Merah, Mersing, Johor	Faculty of Civil Engineering	05/12/2018	06/12/2018
38	REAM – LAFARGE Building Better Road Seminars	Jabatan Kerja Raya Malaysia	17/04/2017	17/04/2017
39	Mendeley Workshop	Mendeley Advisor	25/03/2017	25/03/2017
40	Asphalt Pavement Analyzer (APA) Training	Faculty of Civil Engineering, UTM	28/08/2016	28/08/2016
41	Kursus Engineering Management	Omahams Corporation Sdn Bhd	22/08/2016	23/08/2016
42	Forensic Civil Engineering Seminar 2017 (FoRCES'17)	Forensic Unit, Faculty of Civil Engineering	04/10/2016	05/10/2016
43	Kursus Pavement Forensic Investigation	Faculty of Civil Engineering, UTM	06/10/2015	08/10/2015
44	Seminar on Advances And Challenges In Construction (ACC'14)	Faculty of Civil Engineering, UTM	25/08/2014	26/08/2014
45	Attractive & Effective Presentation With Powerpoint And Prezi Workshop	PGSS - Faculty of Civil Engineering, UTM	07/11/2013	07/11/2013
46	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	1 project (RM60,000)
Principal Investigator- National Grants	0 project (RM0)
Principal Investigator- UTM Grants	3 projects (RM145,000)
Member- International Grants	3 projects (RM378,834)
Member- National Grants	12 projects (RM1,863,653.32)
Member- UTM Grants	23 projects (RM999,050)

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.J130 000.73 51.4B7 03
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.J13 0000.2 451.04 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.J13 0000.2 522.13 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.J13 0000.2 722.01 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
	Pemeriksaan Ekonomi Komuniti Madani Melalui Penternakan Ikan Kelah Dan Ikan Air Tawar Berasaskan Teknologi Internet-Of-Things (IoT)	Member	OTHERS	Centre for Community and Industry Network	250,000	01/07/ 2024	30/04/202 5	R.J130 000.68 23.4J6 91
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 Implementati on 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	921,630.0 0	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	Member	UTM	Industry-International Incentive Grant	20,000	01/06/ 2021	31/05/ 2022	Q.J13 0000.3 651.03 M34

	Travel Speed in Urban Area							
7	Green CO2 Capturing Concrete	Member	OTHERS	International – Asean ROK (Next Enovator 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 Polymer Concrete	Member	UTM	Networking Grant	4,000	01/02/2021	31/01/2022	S.J130 000.76 09.4X6 43
10	Potential Application of Resin Polymer Residue from Surfector 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 Concrete	Member	OTHERS	Fundamental Research Grant Scheme	115,300	01/01/2019	31/03/2022	R.J130 000.78 51.5F0 34
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	Member	UTM	Research University	40,000	01/11/2016	31/10/2018	Q.J13 0000.2

	Broiler House in Malaysia			Grant- RUG TIER 1				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	Member	UTM	Research University Grant- RUG TIER 1	50,000	15/11/ 2015	14/11/ 2017	Q.J13 0000.2 522.11 H35

	Rutting And Moisture Damage of Flexible Pavement							
31	Synergistic Reaction Effects of Tropical Microorganism and Carbide Lime Together with Reactive Silica on Strength and Durability of Concrete	Member	OTHERS	Fundamental Research Grant Scheme	96,200	02/11/2015	01/11/2018	R.J130 000.78 22.4F7 22
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	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	
Undergraduates - Total Credit Hours	248
Postgraduates - Total Credit Hours	84

UNDERGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2024/2025	2	SEAA3012	Makmal Kejuruteraan Awam 2	2	40
2024/2025	2	SEAA4813	Rekabentuk Pavemen dan Pembinaan	3	22
2024/2025	1	SEAA3012	Makmal Kejuruteraan Awam 2	2	42
2024/2025	1	SEAA4032	Projek Rekabentuk Bersepadu 2	2	33
2024/2025	1	SKAB4032	Projek Rekabentuk Bersepadu 2	2	1
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	18
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
Total credits				248	3334

POSTGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2024/2025	2	MEAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	4
2024/2025	2	MEAQ1053	Rekabentuk dan Pembinaan Turapan	3	23
2024/2025	1	MEAQ1043	Perancangan Pengangkutan	3	5
2023/2024	2	MEAQ1033	Perancangan Pengangkutan dan Alam Sekitar	3	3
2023/2024	2	MEAQ1053	Rekabentuk dan Pembinaan Turapan	3	4
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	MEAQ1043	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	MKAQ1043	Bahan Binaan Lanjutan	3	9
Total credits				84	187

SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	2
Co-Supervisor – PhD (Graduated)	2
Main Supervisor – PhD (Ongoing)	3
Co-Supervisor – PhD (Ongoing)	2
Main Supervisor- Master by Research (Graduated)	1
Co-Supervisor- Master by Research (Graduated)	3
Main Supervisor- Master by Research (On-Going)	0
Co-Supervisor- Master by Research (On-Going)	1
Main Supervisor- Master by Taught Course (Graduated)	14
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	STATUS (GRADUATED/ ON-GOING)	Date of Graduation (Date is based on	TITLE	ROLES OF SUPERVISION
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			Senate Letter)		
1	Tan Lay Boon	Completed VIVA (Under correction)	-	Repair And Strengthening of Damaged Asphalt Pavement Using Thin Ultra Highperformance Concrete UHPC Overlay	Main supervisor
2	Aliyu Abubakar Burga	On-going	-	Impact Of Advance Driver Assistance System In Developing Nations	Main supervisor
3	Yusuf Babangida Attahiru	Graduated	2024	Performance Of Warm Mix Asphalt Blocks Pavement Incorporating Neutral Carbon And Bio-Oil Waste	Main supervisor
4	Ahmed Tahir Yousef Omar	On-going	-	Utilizing Activated Carbon In Carbom In Concrete Paving Blocks For Heat Resistant	Main supervisor
5	Shamsuni Bin Salleh	Graduated	2024	Field Performance Of Asphalt Microsurfacing Method For Selected Expressway	Co-Supervisor
6	Nur Edura Binti Abdul Halim	On-going	-	Evaluating And Establishing Conceptual Road Safety Audit Procedure And Requirement With Building Information Modelling (BIM) Three - Dimensional (3D) Modelling Integration During Design Stage.	Co-Supervisor
7	Nur Hidayah Bt Abd Halim	Graduated	2022	Performance of Porous Concrete Block with Different Size of Coarse Aggregate for Pavement	Main supervisor
8	Mazlan Bin Ismail	Graduated	2022	Development of Construction Safety Leadership Competency Framework	Co-Supervisor

MSc. Student

NO.	NAME	STATUS (GRADUATED/ ON-GOING)	Date of Graduation (Date is based on Senate Letter)	TITLE	MODE (RESEARCH / TAUGHT- COURSE/ MIXED MODE)	ROLES OF SUPERVISION
1	Nurul Aliah Amirah Binti Mazalan	Graduated	2024	The Effect of Asphaltene- Modified Bitumen on The Performance of Bituminous Mixtures And Mastics	Research	Co-supervisor
2	Ridwan Mohamed Elmi	Graduated	2023	Assessing Pedestrian Safety Conditions at Utm Student Residential.	Taught Course	Main supervisor
3	Shen Huangchi	Graduated	2023	Challenges and Opportunities of Motorcycle Safety in Utm Campus	Taught Course	Main supervisor
4	Mohamed Elsadig Abdalla Ibrahim	Graduated	2022	Assessment of Pedestrian Facilities Inside UTM Campus.	Taught Course	Main supervisor
5	Mahmoud Sanusi Abdoelwahab Alazhari	Graduated		Monitoring The Behaviours of Effective Microorganism Inside the Mortar at High Ambient Temperature Incorporating Marine Kaolin	Taught Course	Main supervisor
6	Ali Waleed Khazaal	Graduated		Physical Assessment and Evaluation of Pedestrian Facilities And Safety.	Taught Course	Main supervisor
7	Abdulsalam Misbah Makhlouf Alsadae	Graduated		Impact of Covid- 19 Pandemic on Traffic Delay, Queue Length, Emissions, And Fuel Consumption: A Case Study at	Taught Course	Main supervisor

				Three-Armed Signalized Intersection		
8	Saber Shah Saber	Graduated	2021	Engineering Properties of 2nd Recycled Concrete Aggregates for RoadBase	Taught Course	Main supervisor
9	Nur Ayunie Binti Hasnol Puad	Graduated	2020	Properties of Concrete Paver Containing Effective Microbe	Taught Course	Main supervisor
10	Abdulaziz Abdulmalik	Graduated	2019	Pozzolana Characterisation and Properties of Mortar Containing Calcined Marine Clay	Research	Co-supervisor
11	Nur Aiza Shuhada Binti Kamarudin	Graduated		Inverted Ushaped Concrete Panel for Low Bearing Capacity Subgrade Soil	Research	Main supervisor
12	Muhammad Syukri Bin Johari	Graduated	2018	Visual Assessment As Forensic Investigation Tool at Jalan Universiti Intersection	Taught Course	Main supervisor
13	Rozalina Binti Ab Rashid	Graduated		Characterization of Soil Mixed with Asphalt Milling Waste for Road Shoulder	Taught Course	Main supervisor
14	Wan Noor Hin Binti Mior Sani	Graduated		Characterization of Soil Mixed with Garnet for Road Shoulder	Taught Course	Main supervisor
15	Mohd Zawawiv Bin Aziz	Graduated		Comparison Between Normal Sand and Garnet for Sub base Layer	Taught Course	Main supervisor
16	Mohd Asnawi Bin Abd Wahab	Graduated		Partial Replacement of Natural Sand with	Taught Course	Main supervisor

				Garnet for Bedding Sand Layer of Concrete Block Pavement		
17	Nurul Najihah Binti Mad Rosni	Graduated		Effect of Fineness Coconut Shell Charcoal Ash on the Rheological Properties of Bitumen	Taught Course	Co-supervisor
18	Faisal Mohamed Mohammed Salah	Graduated		Performance of Asphalt Concrete Incorporating SBR Subjected to Aging.	Taught Course	Co-supervisor
19	Owi Siew Feen	Graduated	2017	Performance of Selfcompacting Lightweight Concrete Masonry Wall Using Palm Oil Clinker as Coarse Aggregate	Research	Co-supervisor
20	Ssegujja David	Graduated		Mechanical and Physical Properties Characterisation of Construction Demolitions as Road Base Material.	Taught Course	Co-supervisor
21	Nur Nadhira Binti Abdul Rasid	Graduated		Interaction of Underside Grooved Concrete Block with Bedding Sand Layer for Pavement.	Taught Course	Co-supervisor
22	Nurul Amalina Binti Mohammad Sani	Graduated	2017	Improvement of Subgrade Soil Mixed With Eggshell	Taught Course	Main supervisor

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

Msc Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
	Viva Voce Examiner	Mohamd Fikri Hazim Bin Mohd Johari	Impact of COVID-19 on Johor Bahru Bus Services Operation, Ridership and Facilities	2024
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
	Internal Examiner and Viva Voce	Yudi Pranoto		2024
	Panel Mock Viva	Sharudin Bin Ismail		2024
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	21
Non-Indexed Article/Journal	11
Indexed Conference Proceedings	56
Non- Indexed Conference Proceedings	60
Book Chapters	7
Original Book	1
Classified/Technical /Expert Report	9
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	A Review Of The Qualities And Utilization Of Waste Materials In Warm Mix Asphalt Concrete 10.11113/jurnalteknologi.v87.22346	Jurnal Teknologi	01279696	87	2	269 to 269	2025	-	Publication in Scopus	Article/ Review	-
2	The First Application Of Ultrahigh Performance Concrete Link Slab In Malaysia https://doi.org/10.11113/aej.V14.211	Asean Engineering Journal	2586-9159	14	2	209 to 216	2024	-	Publication in Scopus	Article/ Review	-
3	Evaluation On The Physical Properties Of Asphaltene-Modified Bitumen https://doi.org/10.1007/978-981-99-6018-7_2	Lecture Notes In Civil Engineering	23662557	385	0	15 to 26	2024	-	Publication in Scopus	Article/ Review	-
4	A Comprehensive Review Of The Use Of Neutral Carbon And Bio-Oil Wastes On Warm Mix Asphalt Concrete https://doi.org/10.11113/mjce.v36.21715	Malaysian Journal Of Civil Engineering	1823-7843	36	1	41 to 61	2024	-	Journal Article Non Citation-Indexed	UTM	-
5	Utilization Of Zycotherm-SP2 On Warm Mix Asphalt Concrete - A Modern Technology	International Journal Of Engineering Research In Mechanical And Civil Engineering (IJERMCE)	2456-1290 (Online version)	11	3	16 to 22	2024	-	Journal Article Non Citation-Indexed	Non UTM	-
6	Effect Of Warm Mix Asphalt (Wma) Antistripping Agent On Performance Of Waste Engine Oil-Rejuvenated Asphalt Binders And Mixtures https://doi.org/10.3390/su15043807	Sustainability (Switzerland)	20711050	15	4	3807	2023	3.889	Publication in Web of Science	Article/ Review	Q2
7	Utilizing Ultra-High Performance Concrete Overlay For Road Pavement Repair And Strengthening Applications https://doi.org/10.46604/aiti.2023.12587	Advances In Technology Innovation	2415-0436	8	4	290 to 302	2023	-	Publication in Scopus	Article/ Review	-
8	Ground Palm Oil Fuel Ash and Calcined Eggshell Powder as Sio ₂ -Cao Based Accelerator in Green Concrete https://doi.org/10.1016/j.jobe.2022.105617	Journal of Building Engineering	2352-7102	65	0	105617 to 105617	2023	7.144	Publication in Web of Science	Article/ Review	Q1
9	Rheological Properties of Asphaltene-Modified Asphalt Binder and Mastic https://doi.org/10.1016/j.pce.2023.103422	Journal of Physics and Chemistry of The Earth	1474-7065	131	0	103422	2023	3.700	Publication in Web of Science	Article/ Review	Q2
10	Effect of Waste Cooking Oil on Warm Mix Asphalt Block Pavement – A Comprehensive Review https://doi.org/10.1016/j.pce.2022.103310	Physics And Chemistry of The Earth	1474-7065	129	0	103310 to 103310	2023	3.311	Publication in Web of Science	Article/ Review	Q2
11	Characterization of Soil for Road Shoulders Mixed with Reclaimed Asphalt Pavement Waste https://doi.org/10.30516/bilgesci.1218789	Bilge International Journal of Science and Technology Research	2651-401X	7	1	22 to 32	2023	-	Journal Article Non Citation Indexed	Non UTM	-

12	Effect Of Evotherm 3G On The Performance Of Asphalt Mixture https://doi.org/10.1016/j.pce.2023.103392	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
13	Trend of Sound Absorption Research: A Bibliometric Analysis https://doi.org/10.2478/cee-2022-0033	Civil and Environmental Engineering	1336-5835	18	1	350 to 366	2022	-	Publication in Web of Science	Article/ Review	-
14	Suitability of Garnet to Grading And Fineness Modulus as Bedding Sand Layer In Concrete Block Pavement	Journal of Social Sciences and Technical Education (Josted)	2716-6740	3	1	80 to 86	2022	-	Journal Article Non Citation Indexed	Non UTM	-
15	Physical, Rheological And Chemical Features of Recycled Asphalt Embraced with a Hybrid Rejuvenating Agent https://doi.org/10.1080/10298436.2021.1878517	International Journal of Pavement Engineering	1029-8436	23	9	3036 to 3054	2022	4.178	Publication in Web of Science	Article/ Review	Q1
16	Synergistic Effect of SBS Copolymers and Aromatic Oil on The Characteristics of Asphalt Binders and Mixtures Containing Reclaimed Asphalt Pavement https://doi.org/10.1016/j.conbuildmat.2022.127026	Construction and Building Materials	0950-0618	327	0	127026 to 127026	2022	6.141	Publication in Web of Science	Article/ Review	Q1
17	Rejuvenation Of Aged Asphalt Binders By Waste Engine Oil And Sbs Blend: Physical, Chemical, And Rheological Properties Of Binders And Mechanical Evaluations Of Mixtures https://doi.org/10.1016/j.conbuildmat.2022.128441	Construction and Building Materials	0950-0618 / 1879-0526	346	128441	1 to 18	2022	7.693	Publication in Web of Science	Article/ Review	Q1
18	Effect Of Glass Fibers And Waste Engine Oil On The Properties Of Rap Asphalt Concretes https://doi.org/10.1080/10298436.2021.200181515	International Journal Of Pavement Engineering	1029-8436	23	1	1 to 12	2021	4.139	Publication in Web of Science	Article/ Review	Q1-
19	Assessment of Young Drivers' Driving Behaviour and Driving Speed Along Horizontal and Vertical Alignments https://doi.org/10.30880/ijie.2021.13.03.026	International Journal of Integrated Engineering	2229-838X	13	3	215 to 222	2021	-	Publication in Web of Science	Article/ Review	-
20	Thermal Performance of Cooling Strategies for Asphalt Pavement: A State-Of-The-Art Review https://doi.org/10.1016/j.jtte.2021.02.001	Journal of Traffic and Transportation Engineering (English Edition)	2095-7564	8	3	356 to 373	2021	-	Publication in Web of Science	Article/ Review	-
21	Waste Mineral Wool And Its Opportunities—A Review https://doi.org/10.3390/ma14195777	Materials	1996-1944	14	19	1 to 16	2021	3.623	Publication in Web of Science	Article/ Review	Q1
22	The Effect of Eggshell Powder as an Accelerator for Blended Cement Concrete https://doi.org/10.1166/jctn.2020.8762	Journal of Computational and	0	17	2-3	1032 to 1036	2020	-	Publication in Scopus	Article/ Review	-

		Theoretical Nanoscience									
23	Characterization of Marine Clay under Microstructure Examination as a Potential Pozzolana https://doi.org/10.1166/jctn.2020.8761	Journal of Computational and Theoretical Nanoscience	15461963	17	2-3	1026(16) to 1031(6)	2020	-	Publication in Scopus	Article/ Review	-
24	The Analysis of Stress Distribution on the Physical Model of Road Base Layer https://doi.org/10.30880/ijie.2020.12.08.033	International Journal of Integrated Engineering	2229838X	12	8	348 to 355	2020	-	Publication in Scopus	Article/ Review	-
25	The Feasibility of Rock Wool Waste Utilisation in a Double-Layer Concrete Brick for Acoustic: A Conceptual Review https://doi.org/10.1166/jctn.2020.8763	Journal of Computational and Theoretical Nanoscience	15461963	17	2-3	635 to 644	2020	-	Publication in Scopus	Article/ Review	-
26	Analysis Of Internal Friction Angle And Cohesion Value For Road Base Materials In A Specified Gradation https://doi.org/10.30659/jacee.3.2.58-65	Journal of Advanced Civil and Environmental Engineering	25993356	3	2	58 to 65	2020	-	Journal Article Non Citation-Indexed	Non UTM	-
27	Mechanical Performance of Asphalt Mixture Containing Cup Lump Rubber https://doi.org/10.11113/jt.v81.13857	Jurnal Teknologi	01279696	81	6	179 to 185	2019	-	Publication in Scopus	Article/ Review	-
28	Prediction of Sound Absorption Coefficient for Double Layer Rubberised Concrete Blocks https://doi.org/10.14419/ijet.v7i2.29.14002	International Journal of Engineering and Technology	2227524X	7	2.29	704 to 710	2018	-	Publication in Scopus	Article/ Review	-
29	Harvesting Electrical Energy from Rooftop Ventilator https://doi.org/10.30880/ijie.2018.10.04.011	International Journal of Integrated Engineering	2229838X	10	4	68 to 72	2018	-	Publication in Scopus	Article/ Review	-
30	Effects of Coarse Palm Oil Clinker on Properties of Self-Compacting Lightweight Concrete https://doi.org/10.11113/jt.v79.10593	Jurnal Teknologi	21803722	76	6	111 to 120	2017	-	Publication in Scopus	Article/ Review	-
31	Effects Of Palm Oil Clinker As Coarse Aggregates Replacement In Self Curing Concrete https://doi.org/10.3390/coatings7100175	Malaysian Journal Of Civil Engineering	18237843	29	2	241 to 253	2017	-	Journal Article Non Citation-Indexed	-	-
32	Fresh And Hardened Properties Of Self-Compacting Lightweight Concrete Using Coarse Palm Oil Clinker https://doi.org/10.1016/j.conbuildmat.2019.04.101	Malaysian Journal of Civil Engineering	18237843	29	2	205 to 220	2017	-	Journal Article Non Citation-Indexed	-	-
33	The Potential of Waste Cooking Oil as Bio-Asphalt for Alternative Binder - An Overview https://doi.org/10.11113/jt.v78.8007	Teknologi Jurnal	01279696	78	4	111 to 116	2016	-	Publication in Scopus	Article/ Review	-
34	Determination of Groove and Mechanical Properties of Underside Shaped Concrete Paver https://doi.org/10.11113/jt.v78.8001	Teknologi Jurnal	01279696	78	4	79 to 83	2016	-	Publication in Scopus	Article/ Review	-

35	Palm Oil Fuel Ash as Potential Green Micro-Filler in Polymer Concrete https://doi.org/10.1016/j.conbuildmat.2015.11.038	Construction and Building Materials	09500618	102	1	950 to 960	2016	2.296	Publication in Web of Science	Article/ Review	Q1
36	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	-	-
37	Polymer Concrete to Normal Concrete Bond Strength: Mohr Coulomb Theory https://doi.org/10.11113/jt.v77.6390	Jurnal Teknologi	21803722	77	16	27 to 32	2015	-	Publication in Scopus	Article/ Review	-
38	Effect of Post-Curing Regime on Density, Compressive Strength and Crosslinking of Polymer Concrete https://doi.org/10.11113/jt.v77.6305	Jurnal Teknologi	21803722	77	12	31 to 35	2015	-	Publication in Scopus	Article/ Review	-
39	Effectiveness of Palm Oil Fuel Ash as Micro-Filler In Polymer Concrete https://doi.org/10.11113/jt.v77.6402	Jurnal Teknologi	01279696	77	16	75 to 80	2015	-	Publication in Scopus	Article/ Review	-
40	Evaluation of Effectiveness of Methyl Methacrylate as Retarder Additive In Polymer Concrete https://doi.org/10.1016/j.conbuildmat.2015.06.022	Construction and Building Materials	09500618	93	0	449 to 456	2015	2.296	Publication in Web of Science	Article/ Review	Q1
41	Palm Oil Fuel Ash as Potential Green Micro-Filler in Polymer Concrete https://doi.org/10.1016/j.conbuildmat.2015.11.038	Construction and Building Materials	09500618	102	1	950 to 960	2015	2.296	Publication in Web of Science	Article/ Review	Q1
42	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	-	-
43	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	-	-
44	Tensile Behaviour Of Kenaf Fiber Reinforced Polymer Composites https://doi.org/10.11113/jt.v69.3138	Jurnal Teknologi (Sciences And Engineering)	01279696	69	3	11 to 15	2014	-	Publication in Scopus	Article/ Review	-
45	Kenaf Fiber Reinforced Polymer Composites for Strengthening RC Beams https://doi.org/10.3151/jact.12.167	Journal of Advanced Concrete Technology	13468014	12	6	167 to 177	2014	0.554	Publication in Web of Science	Article/ Review	Q3
46	Effect of Jointing Sand Sizes and Width on Horizontal Displacement of Concrete Block Pavement https://doi.org/10.11113/jt.v71.3764	Jurnal Teknologi (Science and Engineering)	01279696	71	3	83 to 86	2014	-	Publication in Scopus	Article/ Review	-

47	Effect of Using Waste Tyre Rubber on the Properties of Double Layer Rubberized Concrete Paving Blocks https://doi.org/10.11113/jt.v71.3750	Jurnal Teknologi (Sciences and Engineering)	01279696	71	3	1 to 5	2014	-	Publication in Scopus	Article/ Review	-
48	The Effect of Groove-Underside Shaped Concrete Block on Pavement Permanent Deformation https://doi.org/10.11113/jt.v61.1763	Jurnal Teknologi (Sciences and Engineering)	01279696	61	3	7 to 14	2013	-	Publication in Scopus	Article/ Review	-
49	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	Cooling Behaviour And Reusability Of Hot Mix Asphalt	2024	Aidiel Ashraf Abdul Razak, Norhidayah Abdul Hassan, Munzir Abdullah Zawawi, Mohd Zul Hanif Mahmud, Nordiana Mashros & Azman Mohamed
2	Indexed Proceedings/ Conference	Analysis Of Palm Oil Fuel Ash, Garnet Waste And Sawdust As Modified Asphalt Binders And Mixtures	2024	Wan Noor Hin Mior Sani1 , Ramadhansyah Putra Jaya1*, Norhidayah Abdul Hassan2 , Azman Mohamed2 , Zaid Hazim Al-Saffar3
3	Book Chapter	Sustainable Use Of Waste In Cold Mix Asphalt	2024	Kabiru Rogo Usman1 , Azman Mohamed1 , Mohd Rosli Hainin1 , Mohd Khairul Idham Mohd Satar1 , Muhammad Naquiddin Mohd Warid1
4	Classified/ Technical Report	Pembangunan Platform Malaysia Standard (MS) Template	2024	Ts. Dr. Mohd. Zamri Osman, Dr. Nur Hafizah Abd Khalid, Ts Dr Azman Mohamed
5	Book Chapter	Estimation Of Average Daily Traffic From Hourly Volume	2024	Kamarul Irsyaduddin Kamarulzaman1, Sitti Asmah Hassan1, Hamizah Amalina Amlan1, Norhidayah Abdul Hassan1, Mohd Khairul Afzan bin Mohd Lazi1, Azman Mohamed1
6	Classified/ Technical Report	Week 9 _ Exploring Glass Fiber Waste As A Potential Bitumen Modifier And Stabilizing Agent In Asphalt Mixture Progress Report No.1 (Week 9)	2024	Ts. Dr. Mohd Khairul Idham Mohd Sat

7	Indexed Proceedings/ Conference	Application Of Zycotherm-Sp2 On Warm Mix Asphalt Concrete - A Contemporary Technology	2024	Yusuf Babangida Attahiru, Azman Mohamed , Raimi Mohd Ram, K. Paramesvaran
8	Indexed Proceedings/ Conference	State-Of-The-Art On Applications Of Activated Carbon In Cement Composites	2024	Tahir Yousef Omar Ahmed & Azman bin Mohamed
9	Indexed Proceedings/ Conference	An Overview Of The Utilization Of Used Engine And Cooking Oils	2024	Yusuf Babangida Attahiru1,2*, Azman Mohamed1* , K. Paramesvaran3 , Raimi Mohd Ramli4 .
10	Indexed Proceedings/ Conference	Perception of Motorcyclists on Safe Riding In Kota Kinabalu doi:10.1088/1755- 1315/1205/1/012059	2023	M I Saibin, H Yaacob, S A Hassan, A Mohamed , S N N Kamarudin, R P Jaya, Z H Al-Safar and E Shaffie
11	Indexed Proceedings/ Conference	Rheological Properties Of Asphaltene-Modified Bituminous Mastic https://doi.org/10.1016/j.pce.2 023.103422	2023	Nurul Aliah Amirah Mazalan, Mohd Khairul Idham Mohd Satar, Azman Mohamed , Muhammad Naquiuddin Mohd Warid
12	Indexed Proceedings/ Conference	Factors Influencing Motorcycle Accidents Among P-Hailing Riders	2023	Azman Mohamed , Siti Asmah Hassan, Muhammad Sidnan Abyan, Muralia Hustim
13	Indexed Proceedings/ Conference	Accident Risk Factor Analysis Among P – P-Hailing in Skudai, Johor Bahru, Malaysia	2023	Azman Mohamed , Mohd Khairul Afzan Bin Mohd Lazi, Muhammad Sidnan Abyan, Muhammad Isran Ramli
14	Indexed Proceedings/ Conference	Optimizing of Garnet For Bedding Sand Layer Material In Concrete Block Pavement	2023	Azman Mohamed , Mohd Zawawiv Aziz, Suriati Ibrahim
15	Indexed Proceedings/ Conference	The Correlation Of The Seismic Shear Wave Method And The Strength Parameters Of Road Structure	2023	Mohd Nur Asmawisham Alel, Azman Mohamed , Wong Ka Hou, Mohd Zawawiv Aziz
16	Indexed Proceedings/ Conference	Performance Of Three-Armed Intersection – Case Study Krian, Sidoarjo, Indonesia	2023	Azman Mohamed , Aulia Putri Pratama, Muhammad Isran Ramli, Muhammad Amin, Saber Shah Saberi
17	Non- Indexed Proceedings/ Conference	Factors Influencing Motorcycle Accidents Among P-Hailing Riders	2023	Muhammad Sidnan Abyan, Azman Mohamed , Sitti Asmah Hassan & Muralia Hustim

18	Non- Indexed Proceedings/ Conference	Accident Risk Factor Analysis Among P – Hailing In Skudai, Johor Bahru, Malaysia	2023	Muhammad Sidnan Abyan, Azman Mohamed , Mohd Khairul Afzan M. L. & Muhammad Isran Ramli
19	Indexed Proceedings/ Conference	Building Information Modelling (BIM) Implementation for Highway Project from Consultant's Perspectives in Malaysia https://doi.org/10.1088/1755-1315/971/1/012003	2022 & 2021	Halim, E., Mohamed, A. , & Fathi, M. S.
20	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.
21	Non- Indexed Proceedings/ Conference	Rheological Properties of Asphaltene-Modified Bituminous Mastic	2022	N. A. A. Mazalan, M. K. I. Mohd Satar, A. Mohamed
22	Non- Indexed Proceedings/ Conference	Digitalization Of Road Safety Assessment and Audit: A Review	2022	Edura Halim, Azman Mohamed , Mohamad Syazli Fathi
23	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, Azman Mohamed , Raimi Mohd Ramli, Abd Jalil Abd Kadir & Abdul Rahman
24	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, Azman Mohamed , Suhaimi Abu Bakar, Mohd Yunus Ishak, Ahmad Azim Shukri, Siti Asma Abd Latif and Norhaliza Hamzah
25	Non- Indexed Proceedings/ Conference	Application of Internet of Things (IoT) in Interlocking Concrete Block Pavement for Performance Monitoring	2022	Eric Ting Sie Minga, Azman Mohamed , Mohd Asmawisham Alela, Nur Hafizah A.Khalida, Ahmed Eltwatib & Zaid Al-Saffarc.
26	Classified/Technical Report	Defect Inspection and Monitoring for Suspended Slab At FGV Pasir Gudang, Johor Darul, Takzim	2022	Nur Hafizah Abd Khalid, Azman Mohamed , Abdul Rahman Mohd.Sam, Raja Ezar Ishamuddin B Raja Abdul Latiff, Mushairry Mustaffar, Radzuan Saari, Kamrul Zaman Kamisan, Hairul

				Hairi Harun, Nawawi Mohd Salleh
27	Indexed Proceedings/ Conference	Mechanical and Physical Properties of Recycled Concrete Aggregates for Road Base Materials https://doi.org/10.1088/1742-6596/1973/1/012236	2021	Saberi, S. S., Mohamed, A. , & Eltwati, A. S.
28	Indexed Proceedings/ Conference	A Laboratory Study of the Effect of Fiberglass Additive on The Behavioural Properties of RAP Asphalt Mixtures https://doi.org/10.1088/1742-6596/1973/1/012241	2021	A S Eltwati, M Enieb, A Mohamed , Z H Al-Saffar and M. A. Al-Jumaili
29	Indexed Proceedings/ Conference	Effect of Aging and Moisture Damage on The Cracking Resistance of Rubberized Asphalt Mixture https://doi.org/10.1016/j.matpr.2020.12.734	2021	Hasanain Radhi Radeef, Norhidayah Abdul Hassan, Ahmad Razin Zainal Abidin, Mohd Zul Hanif Mahmud, Haryati Yaacob, Nordiana Mashros, Azman Mohamed
30	Indexed Proceedings/ Conference	The Influence of Pellettrap Rejuvenator on The Mechanical Properties of Reclaimed Asphalt Pavement https://doi.org/10.1088/1755-1315/682/1/012071	2021	Z H Al-Saffar, H Yaacob, M K I Mohd Satar, N S Shah Rull, R P Jaya, A Mohamed , N A Hassan and M N M Warid
31	Non- Indexed Proceedings/ Conference	Performance Analysis of Signalised Junction at Jalan Ulu Sungai Merah - Jalan Ling Kai Cheng, Sibu, Sarawak	2021	Kiew, J. L. H., Hassan, S. A., Mohamed, A. , & Munzilah, M.
32	Non- Indexed Proceedings/ Conference	Numerical Analysis of Vertical Deformation with Different Groove Shaped of Paver Blocks	2021	Manaff, H. A., Mohamed, A. , Jusoh, S. N., & Ahmad Shah, M. S.
33	Non- Indexed Proceedings/ Conference	Properties of Normal Concrete Containing Effective Microorganisms under Different Curing Conditions	2021	Norsyaza Aqilah Abd Rahman, Abdul Rahman Mohd.Sam
34	Indexed Proceedings/ Conference	Fibre Optic Sensing Measurement of Static Surface Load Distribution on Road Base Layer https://doi.org/10.1088/1757-899x/849/1/012045	2020	G G Giwangkara, A Mohamed , N H A Khalid, H M Nor , I S Ahmad, A Ullah and K U Rogo

35	Indexed Proceedings/ Conference	Influence of Marine Kaolin Mortar Mixed with Effective Microorganism on External Heat Transfer https://doi.org/10.1088/1757-899x/849/1/012043	2020	Yusop, F. A., Mohamed, A. , Nor, H. M., Sam, A. R. M., Khalid, N. H. A., Ibrahim, W. Y. W., & Ismail, A.
36	Indexed Proceedings/ Conference	Community Engagement and Public Awareness on Safe City Program Based on Road Safety Initiatives https://doi.org/10.1088/1755-1315/476/1/012005	2020	Mazlan, A. N., Nor Lizan, M. H., Aminuddin, E., Shukor Lim, N. H. A., Warid, N., Mohd, Azman M. , & Mohamed, M. F.
37	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, Azman Mohamed , Ahmad Razin Zainal Abidin @ Md. Taib, Eeydzah
38	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, Azman Mohamed , Mohd Zul Hanif Mahmud, Mohd Khairul Idham Mohd Satar
39	Indexed Proceedings/ Conference	The Hydration Effect on Palm Oil Fuel Ash Concrete Containing Eggshell Powder https://doi.org/10.1088/1755-1315/220/1/012047	2019	NH Abd Khalid, N N Abdul Rasid, A R Mohd. Sam, NH Abdul Shukor Lim, L Zardasti, M Ismail, A Mohamed and Z A Majid
40	Indexed Proceedings/ Conference	Effect of Different Rejuvenating Agents on The Mechanical Performance of Recycled Bituminous Mixture https://doi.org/10.1088/1757-899x/527/1/012051	2019	Idham, M. K., Jeffry, S. N.A., Hainin, M. R., Yaacob, H., Hassan, N. A., Warid, M. N.M., Mohamed, A. , & Yunus, N. Z.M.
41	Indexed Proceedings/ Conference	Properties of Dense-Graded Asphalt Mixture Compacted at Different Temperatures https://doi.org/10.1088/1755-1315/220/1/012010	2019	Ismail, S., Abdul Hassan, N., Yaacob, H., Rosli Hainin, M., Ros Ismail, C., Mohamed, A. , & Mohd Satar, M. K. I.

42	Indexed Proceedings/ Conference	Correlation between Functional and Structural Properties of Flexible Pavement https://doi.org/10.1088/1755-1315/220/1/012007	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.
43	Indexed Proceedings/ Conference	Influence of Pavement Condition towards Accident Number on Malaysian Highway https://doi.org/10.1088/1755-1315/220/1/012008	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, A Mohamed , MMA Aziz, R N Afiqah, M S A Ahmad and R P Jaya
44	Indexed Proceedings/ Conference	Recycled Concrete Aggregate as A Road Base Material https://doi.org/10.1088/1757-899x/527/1/012061	2019	G. G. Giwangkara, A. Mohamed , 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
45	Indexed Proceedings/ Conference	Performance Evaluation of Asphalt Micro Surfacing-A Review https://doi.org/10.1088/1757-899x/527/1/012052	2019	K R Usman, M R Hainin, M K Idham, M N M Warid, H Yaacob, N A Hassan, M Azman and O C Puan
46	Indexed Proceedings/ Conference	Improvement of CBR Value In Soil Subgrade using Garnet Waste https://doi.org/10.1088/1757-899x/527/1/012060	2019	W. N. H. M. Sani, A. Mohamed , N. H. A. Khalid, H. M. Nor2 , M. R. Hainin, G. G. Giwangkara, N. A. Hassan, N. A. S. Kamarudin, and N. Mashros
47	Indexed Proceedings/ Conference	Effect of Rainfall on The Compaction of Dense-Graded Hot Mix Asphalt https://doi.org/10.1088/1757-899x/527/1/012046	2019	S Ismail, N A Hassan, H Yaacob, M N M Warid, N Mashros, A Mohamed , S A Hassan and N M Azahar
48	Indexed Proceedings/ Conference	Drivers Behaviour on Expressways: Headway and Speed Relationships https://doi.org/10.1088/1757-899x/527/1/012071	2019	C. Puan, O., Mohamed, A. , Idham, M. K., Ismail, C. R., Hainin, M. R., Ahmad, M. S. A., & Mokhtar, A.
49	Indexed Proceedings/ Conference	Effects of Black Rice Husk Ash on Asphalt Mixture under Aging Condition https://doi.org/10.1088/1755-1315/220/1/012006	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 Azman Mohamed , M Nordiana and S Ekarizan

50	Indexed Proceedings/ Conference	Creep and Resilient Modulus Properties of Asphaltic Concrete Containing Black Rice Husk Ash https://doi.org/10.1088/1755-1315/220/1/012005	2019	Ramadhansyah, P. J., Haryati, Y., Norhidayah, A. H., Mohd Rosli, H., Muhammad Naquiddin, M. W., Azman, M. , ... Ekarizan, S.
51	Indexed Proceedings/ Conference	Implementation of Chosen Risk Index During Car-Following Behaviour under Wet Weather Condition https://doi.org/10.1088/1757-899x/527/1/012078	2019	M. Shariff, O. C. Puan, N. Mashros, A. Mohamed, N. A. Hassan, C. R. Ismail, and M. R. Hainin
52	Indexed Proceedings/ Conference	Field Performance of Asphalt Pavement Maintenance using Cup Lump Rubber Modified Asphalt(CMA) https://doi.org/10.1088/1757-899x/527/1/012064	2019	Razali, R., Hainin, M. R., Hassan, N. A., Idham, M. K., Malek, M. S. C., Warid, M. N. M., ... Ismail, C. R.
53	Indexed Proceedings/ Conference	Performance of Rutting, Stripping and Cracking of Warm Mix Asphalt https://doi.org/10.1088/1757-899x/527/1/012062	2019	Naqibah, S. N., Hainin, M. R., Idham, M. K., Warid, M. N. M., Hassan, N. A., Mohamed, A. , ... Ismail, C. R.
54	Indexed Proceedings/ Conference	Physical Properties of Warm Cup Lump Modified Bitumen https://doi.org/10.1088/1757-899x/527/1/012048	2019	S Abdulrahman, M R Hainin, M K Idham, N A Hassan, M N M Warid, H Yaacob, M Azman and O C Puan
55	Indexed Proceedings/ Conference	Characterization of Soil Mixed with Garnet Waste for Road Shoulder https://doi.org/10.1088/1755-1315/220/1/012052	2019	Mior Sani, W. N. H., Mohamed, A. , Md Nor, H., Kamarudin, N. A. S., Khalid, N. H. A., Mohd Sam, A. R., & Ab Rashid, R.
56	Indexed Proceedings/ Conference	Reversible Moisture Damage in Asphalt Mixture https://doi.org/10.1088/1757-899x/527/1/012057	2019	Arfat, M., Yaacob, H., Hassan, N. A., Warid, M. N.M., Idham, M. K., Ismail, C. R., Nor, H. M., Hainin, M. R. Mohamed, A. , Mashros, N., Yunus, N. Z.M., Hassan, S. A., Jaya, R. P., & Ayob, M. F.
57	Indexed Proceedings/ Conference	Experimental Investigation of Flexural Behaviour of U-Shaped Concrete Subgrade Panel https://doi.org/10.1088/1757-899x/620/1/012061	2019	Kamarudin, Nur Aiza Shuhada, Mohamed, A. , Md Nor, H., Hainin, M. R., A. Khalid, N. H., & Mohd Satar, M. K. I.

58	Indexed Proceedings/ Conference	Effects of U-Shaped Subgrade Concrete Panel on Subgrade Deformation https://doi.org/10.1088/1757-899x/527/1/012059	2019	Kamarudin, N. A.S., Mohamed, A. , Nor, H. M., Khalid, N. H. A., M. Sam, A. R., Hainin, M. R., ... Hassan, S. A.
59	Indexed Proceedings/ Conference	Implementation of Chosen Risk Index During Car-Following Behaviour Under Wet Weather Condition https://doi.org/10.1088/1757-899X/527/1/012078	2019	Shariff, M., Puan, O. C., Mashros, N., Mohamed, A. , Hassan, N. A., Ismail, C. R., & Hainin, M. R.
60	Non- Indexed Proceedings/ Conference	Characterization of Marine Clay under Microstructure Examination as Potential Pozzolana	2019	Abdulaziz Abdulmalik, Nurul Amalina M. Sani, Azman Mohamed , Abdul Rahman Mohd. Sam, Jamilu Usman and Nur Hafizah A. Khalid
61	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., Mohamed, A. , A. Khalid, N. H., & Ling, T.-C.
62	Book Chapter	Garnet for Bedding Sand Layer of Concrete Block Pavement <i>Sustainable Construction Using Waste Materials In Malaysia</i>	2019	Aziz, M. Z., Mohamed, A. , Mohd Sam, R. A., & Awang, A. Z.
63	Book Chapter	Concrete Waste Aggregate in Construction	2019	Grawira, Ganjur Giwangkara, Mohamed, A. , Ab Kadir, M. A., & Abu Bakar, S.
64	Book Chapter	Building Demolition Waste as Aggregates for Road-Base Construction	2019	Mohamed, A. , Md Nor, H., David, S., & Awang, A. Z.
65	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., & Mohamed, A.
66	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., Mohamed, A. , Abdul Shukor Lim, N. H., Abdul Majid, Z., A. Khalid, N. H., & Ling, T.-C.
67	Indexed Proceedings/ Conference	Marshall Stability Properties of Asphalt Mixture Incorporating Black Rice Husk Ash https://doi.org/10.1016/j.matpr.2018.07.068	2018	Ramadhansyah Putra Jayaa, Mohd Rosli Hainin, Norhidayah Abdul Hassan, Haryati Yaacob, Mohd Khairul Idham

				Mohd Satar, Muhammad Naquiddin Mohd Warid, Azman Mohamed , Mohd Ezree Abdullah, Noram Irwan Ramli
68	Indexed Proceedings/ Conference	Physico-Mechanical Properties of Polymer Concrete Containing Micro-Filler of Palm Oil Fuel Ash https://doi.org/10.1166/ASL.2018.11523	2018	Khalid, Nur Hafizah A; Ismail, Mohammad; Sam, Abd Rahman Mohd; Mohamed, Azman ; Ismail, Mohamed A; Jamellodin, Zalipah; Salleh, Norhafizah; Hamid, Noor Azlina A; Majid, Masni A;
69	Indexed Proceedings/ Conference	Performance of Spike Concrete Block Pavement under Horizontal Loading https://doi.org/10.1166/asl.2018.11524	2018	Nur Nadhira, A. R., Azman Mohamed , Nur Hafizah, A. K., Hasanani Md Nor, Muhammad Faiz, A. R.
70	Indexed Proceedings/ Conference	Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U -Shaped Subgrade Panel https://doi.org/10.1166/asl.2018.11628	2018	Kamarudin, Nur Aiza Shuhada; Mohamed, Azman ; Nor, Hasanani Md; Ismail, Muhamad Rais;
71	Indexed Proceedings/ Conference	Temperature Distribution Study for Malaysia Broiler House https://doi.org/10.1109/icssa.2018.8535821	2018	K.X. Lau, P.L. Leow, J.J. Jamian, R. Arsat, A.A.A. Abdeltawab, S.S. Rahman
72	Indexed Proceedings/ Conference	Characterization of Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement in Concrete https://doi.org/10.1088/1757-899X/431/3/032002	2018	Hafizah, N. A. K., Rasid, N. N. A., Mohd.Sam, A. R., Lim, N. H. A. S., Ismail, M., Zardasti, L., Azman, M. Ariffin, N. F.
73	Indexed Proceedings/ Conference	Effect of Black Rice Husk Ash on Asphaltic Concrete Properties under Aging Condition https://doi.org/10.1088/1757-899x/431/3/032003	2018	Putra Jaya, R., Mohd Satar, M. K.I., Abdullah, N. A., Hainin, M. R., Abdul Hassan, N., Yaacob, H., Mohd Warid, M. N., Moha6med, A. , & Ramli, N. I.
74	Indexed Proceedings/ Conference	Effect of Various Filler Types on The Properties of Porous Asphalt Mixture https://doi.org/10.1088/1757-899x/342/1/012036	2018	Nurul Athma Mohd Shukry, Norhidayah Abdul Hassan, Mohd Ezree Abdullah, Mohd Rosli Hainin, Nur Izzi Md Yusoff, Ramadhansyah Putra Jaya and Azman Mohamed

75	Indexed Proceedings/ Conference	Performance of Hot Mix Asphalt Mixture Incorporating Kenaf Fibre https://doi.org/10.1088/1755-1315/140/1/012092	2018	Hainin, M. R., Khairul Idham Mohd Satar, M., Yaro, N. S., Hussein, S. O. A., Warid, M. N., Azman, M. , ... Ramadhansyah, P..
76	Indexed Proceedings/ Conference	Effect of Various Filler Types on The Properties of Porous Asphalt Mixture https://doi.org/10.1088/1757-899x/342/1/012036	2018	Nurul Athma Mohd Shukry, Norhidayah Abdul Hassan, Mohd Ezree Abdullah, Mohd Rosli Hainin, Nur Izzi Md Yusoff, Ramadhansyah Putra Jaya and Azman Mohamed
77	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., Mohamed, A. , & Mohd Satar, M. K. I.
78	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
79	Non- Indexed Proceedings/ Conference	Characterization of Soil Mixed With Garnet Waste for Road Shoulder https://doi.org/10.1088/1755-1315/220/1/012052	2018	Mior Sani, W. N. H., Mohamed, A. , Md Nor, H., Kamarudin, N. A. S., Khalid, N. H. A., Mohd Sam, A. R., & Ab Rashid, R.
80	Non- Indexed Proceedings/ Conference	Performance of Recycled Concrete Aggregates as Road Base Material Enhanced by Polymer Waste Layer	2018	Grawira Ganjur Giwangkara, Azman Mohamed , Hasanani Md Nor, Hafizah, N.A.K
81	Non- Indexed Proceedings/ Conference	The Hydration Effect on Palm Oil Fuel Ash Concrete Containing Eggshell Powder https://doi.org/10.1088/1755-1315/220/1/012047	2018	Abd Khalid, N. H., Abdul Rasid, N. N., Mohd Sam, A. R., Abdul Shukor Lim, N. H., Zardasti, L., Ismail, M., Mohamed, A. & Majid, Z. A.
82	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, A. Mohamed and I.A. Khalid
83	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., Mohamad ,

				A. , Afiqah, R. N., Ayob, M. F., & Jaya, R. P.
84	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, Azman Mohamed , and Norazah Basar
85	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, A Mohamad , MMA Aziz, R N Afiqah, M S A Ahmad and R P Jaya
86	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, Azman Mohamed , Mohd Khairul Idham Bin Mohd Satar
87	Book Chapter	Shear Resistance Of Bedding Soil On Underside Shaped Concrete Block https://doi.org/10.1007/978-94-007-4473-8_3	2017	Azman, M. , Nur Ayuni Fatin, M., Nur Hafizah, A. K., and Hasanani, M. nor.
88	Classified/Technical Report	Impak Kenderaan Perdagangan Terhadap Aliran Lalu Lintas Di Atas Jalan Utama Di Daerah Johor Bahru Dan Kulai	2017	Azman Mohamed , Che Ros Ismail, Norhidaah Abdul Hassan, Haryati Yaacob, Nordiana Binti Mashros
89	Classified/Technical Report	Penilaian Semula Rekebentuk Turapan Jalan Luar Bandar	2017	Azman Mohamed , Che Ros Ismail, Norhidaah Abdul Hassan, Haryati Yaacob, Nordiana Binti Mashros
90	Classified/Technical Report	Penyediaan Pangkalan Data Dan Pengurusan Kemudahan Ruang Parkir Di Pusat Bandar Johor Bahru, Batu Pahat Dan Muar	2017	Azman Mohamed , Othman Che Puan, Hasanani Md Nor, Mohd Rosli Hainin, Che Ros Ismail

91	Classified/Technical Report	Penilaian Fasilitas Terminal Pengangkutan Awam Larkin Sentral Dan Jb Sentral	2017	Azman Mohamed , Mohd Rosli Hainin, Che Ros Ismail, Othman Che Puan, Hasan Md Nor,
92	Non- Indexed Proceedings/ Conference	Prediction of Sound Absorption Performance for Double Layer Rubberized Concrete Blocks https://doi.org/10.1039/b925853a	2017	Haron, Z., Jusli, E., Yaacob, H., Nor, H., Yahya, K., Ramadhansyah, P. J., Azman, M , Yahya, M. N.
93	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., Mohamed, A. , Abdul Hassan, N., Wan Ibrahim, M. H., Mohamed Nazri, F.
94	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; Mohamed, Azman ; Tahir, Lokman
95	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, Azman Mohamed , Nor Hasanah Abdul Shukor Lim and Nur farhayu Ariffin
96	Non-Indexed Proceedings/ Conference	Permeability and Strength of Porous Concrete Paving Blocks at Different Sizes Coarse Aggregate https://doi.org/10.1088/1742-6596/1049/1/012028	2017	Abd Halim, N. H., Md Nor, H., Jaya, R. P., Mohamed, A. , Wan Ibrahim, M. H., Ramli, N. I., and Nazri, F. M.
97	Non-Indexed Proceedings/ Conference	Experimental Investigation of Flexural Behaviour of U-shaped Concrete Subgrade Panel	2017	Kamarudin, Nur Aiza Shuhada, Mohamed, A. , Md Nor, H., Hainin, M. R., A. Khalid, N. H., & Mohd Satar, M. K. I.
98	Indexed Proceedings/ Conference	Sound Absorption and Morphology Characteristic of Porous Concrete Paving Blocks https://doi.org/10.1088/1757-899X/271/1/012015	2017	Abd Halim, N. H., Nor, H. M., Ramadhansyah, P. J., Mohamed, A. , Abdul Hassan, N., Wan Ibrahim, M. H., Mohamed Nazri, F.
99	Indexed Proceedings/ Conference	Performance of Asphaltic Concrete Incorporating Styrene Butadiene Rubber Subjected To Varying Aging Condition https://doi.org/10.1063/1.5010579	2017	Faisal Mohammed Salah, Ramadhansyah Putra Jaya, Azman Mohamed , Norhidayah Abdul Hassan, Nurul Najihah Mad Rosni, Abdullahi Ali Mohamed and Agussabti

100	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, Azman Mohamed , Norhidayah Abdul Hassan, Jahangir Mirza, and Agussabti
101	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., Azman, M. , Hassan, N. A., Salah, F. M., and Agussabti
102	Non-Indexed Proceedings/ Conference	Experimental Feasibility of U-Shape Concrete Panel for Low Bearing Capacity Subgrade	2016	Nur Aiza Shuhada, K., Azman Mohamed , Hasanah Md Nor.
103	Non-Indexed Proceedings/ Conference	Properties of Normal Cement Concrete Containing Effective Microorganism	2016	Abdul Rahman Mohd.Sam, Azman Mohamed , Nur Hafizah A. Khalid, Norazah Basar, Nur Farhayu Arifin & Norsyaza Aqilah Abd Rahman
104	Non-Indexed Proceedings/ Conference	Properties of Self-Curing Concrete Containing Palm Oil Clinker As Coarse Aggregates Replacement	2016	Abdul Rahman Mohd.Sam, Azman Mohamed , Nur Hafizah Abd Khalid, Mariyana Aida Abd Kadir, Nor Hasanah Abdul Shukor Lim & Muhd Fauzy Sulaiman
105	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 Azman, M.
106	Non-Indexed Proceedings/ Conference	Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U-Shaped Concrete Panel	2016	Nur Aiza Shuhada, K., Azman Mohamed , Hasanah Md Nor. Muhammad Rais Ismail.
107	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, Azman Mohamed , Nur Farhayu Ariffin, Nor Hasanah Abdul Shukor Lim, Mostafa Samadi
108	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, Azman Mohamed , Farhayu Ariffin
109	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, Azman Mohamed & Hun- Seung Lee
110	Indexed Proceedings/ Conference	Low Noise and Properties of Double Layer Concrete Paving Blocks https://doi.org/10.1007/978-981-287-505-1_34	2015	Euniza Jusli, Hasanah Md Nor, Ramadhansyah Putra Jaya, Zaiton Haron, Musli Nizam Yahya, M Azman , Lee Kuan Lim.
111	Indexed Proceedings/ Conference	Potential Effect of Palm Oil Fuel Ash as Micro-Filler Of Polymer Concrete https://doi.org/10.1007/978-981-287-505-1_6	2015	A.K. Nur Hafizah, M.W. Hussin, M. Ismail, M.A.R. Bhutta, M. Azman , P.J. Ramadhansyah, A. Nur Farhayu and A.S.L. Nor Hasanah
112	Indexed Proceedings/ Conference	Low Noise and Properties of Double Layer Concrete Paving Blocks https://doi.org/10.1007/978-981-287-505-1_34	2015	Euniza Jusli, Hasanah Md Nor, Ramadhansyah Putra Jaya, Zaiton Haron, Musli Nizam Yahya, M Azman , Lee Kuan Lim.
113	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, Azman Mohamed , Nor Zurairahetty Mohd Yunus, Asnul Dahar Minghat, Siti Norafida Jusoh, Mohd Yunus Ishak, Mohd Zulkifli Mohd Yunus
114	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 Azman M
115	Non-Indexed Proceedings/ Conference	A Review of Double Layer Rubberized Concrete Paving Blocks	2014	Euniza J, Hasanah M.N, Ramadhansyah P.J., Zaiton H., and Azman M.
116	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 Azman M

117	Non-Indexed Proceedings/ Conference	Effect Of Bedding Sand Thickness on Shell Groove Underside Shaped Concrete Block Pavement	2014	Azman.M , Hasanani Md Nor, M.R. Hainin, Haryati Yaacob, Che Ros Ismail and Nur Hafizah A.K.
118	Non-Indexed Proceedings/ Conference	A Review of Double Layer Rubberized Concrete Paving Blocks	2014	Euniza J, Hasanani M.N, Ramadhansyah P.J, Zaiton H., and Azman M.
119	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. Hussin2,b*, M. Ismail, M.A.R. Bhutta, M. Azman , P.J. Ramadhansyah, N.A.Farhayu, N.A.S.L.Hasanah
120	Non-Indexed Proceedings/ Conference	Low Noise and Properties of Concrete Paving Blocks with Double Layers	2014	EUNIZA Jusli, HASANANI Md. Nor, RAMADHANSYAH Putra Jaya, ZAITON Haron, MUSLI Nizam Yahya, M. Azman and LEE Kuan Lim
121	Thesis - PhD	<i>Performance of Underside Shaped Concrete Blocks for Pavement</i>	2014	Azman Mohamed.
122	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, Azman, M.
123	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., Azman, M.
124	Non-Indexed Proceedings/ Conference	Effect of Jointing Sand Size and Spacing on Horizontal Displacement of Concrete Block Pavement.	2013	NurHidayah A. H, Hasanani Md. Nor, and Azman Mohammed
125	Non-Indexed Proceedings/ Conference	The Effect of Underside Shaped Concrete Block on Pavement Rutting	2012	Azman Mohamed , Hasanani Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail
126	Non-Indexed Proceedings/ Conference	Structural Evaluation of Modified Concrete Block Pavement: Underside Surface Modification	2012	Hasanani Md Nor, Mohd Rosli Hainin and Azman Mohamed

127	Seminars	Interaction of Underside Shaped Concrete Blocks and Bedding Sand	2011	Azman Mohamed, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob, Che Ros Ismail and Nooraini Ahmad
128	Seminars	The Effect of Laying Patterns on Underside Shaped Concrete Block Pavement Horizontal Resistance	2011	Azman Mohamed, Shakira Abdul Aziz, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail
129	Non-Indexed Proceedings/ Conference	Vertical Displacement of Underside Shaped Concrete Block Pavement	2010	Azman Mohamed, Hasanan Md Nor and Mohd Rosli Hainin
130	Non-Indexed Proceedings/ Conference	Experimental Works on Varying Shapes of Underside Surface Concrete Block for Pavement	2010	Hasanan Md Nor and Azman Mohamed
131	Non-Indexed Proceedings/ Conference	Using Bedding Sand Mixed with Cement as Joint Filler In Concrete Block Pavement.	2004	Azman Mohamed dan Hasanan Md Nor
132	Non-Indexed Proceedings/ Conference	Effect of Horizontal Force to The Joint of Concrete Block Pavement.	2004	Azman Mohamed and Hasanan Md Nor
133	Non-Indexed Proceedings/ Conference	Kesan Tindakan Daya Sisi Terhadap Jarak Sambungan Turapan Blok Konkrit.	2004	Azman Mohamed and Hasanan Md Nor
134	Thesis - Msc	Prestasi Sambungan Turapan Penguncian Blok Konkrit Menggunakan Pasir Pengalas Dengan Bahan Tambah Simen	2004	Azman, M.
135	Non-Indexed Proceedings/ Conference	Kesan Sambungan Daya Sisi Terhadap Jarak Sambungan Turapan Blok Konkrit	2002	Azman Mohamed dan Hasanan Md Nor
136	Non-Indexed Proceedings/ Conference	Joint Performance of Concrete Block Pavement Using Badding Sand with Cement admixture.	2001	Azman Mohamed dan Hasanan Md Nor
137	Non-Indexed Proceedings/ Conference	Prestasi sambungan Turapan Blok Konkrit Menggunakan Pasir Pengalas Dengan Bahan Tambah Simen	2001	Azman Mohamed dan Hasanan Md Nor

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

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1	Chairperson	The 5th International Conference On Civil And Environmental Engineering (ICCEE 2024)	26/08/2024 to 31/12/2024	Universiti Teknologi Malaysia (UTM)
2	Invited Guest Speaker	Mendeley Workshop, Department of Civil Engineering, Faculty of Engineering, Universitas Hasanuddin	27/08/2024	Universitas Hassanuddin
3	Invited Guest Speaker	How To Use The New UTM's Thesis Template	05/06/2024	SPS, Universiti Teknologi Malaysia
4	Invited Guest Speaker	The 5th International Conference On Civil And Environmental Engineering (ICCEE 2024)	22/08/2024	Univesitas Hasanuddin
5	Oral Presenter	International Conference On Sustainable Engineering, Green Construction, Urban Studies, Agriculture, And Food Resilience (ICOSECURE 2024)	29/10/2024	Universitas Semarang, Indonesia
6	Oral Presenter	8th Hodja Akhmet Yassawi International Congress On Scientific Research	17/05/2024 to 19/05/2024	KTO Karatay University
7	Oral Presenter	12th International Conference On Social, Science & Humanities	01/06/2024 to 02/06/2024	GIRNE, Turkey
8	Oral Presenter	3rd International Topkapi Congress		Topkapi/ Turkiye
9	Invited Guest Speaker	Kursus Teknikal Kepada Woon Brothers Construction Sdn Bhd	02/10/2023 to 03/10/2023	Universiti Teknologi Malaysia (UTM)
10	Invited Guest Speaker	Mendeley - Program Research Week Perpustakaan Tunku Tun Aminah	14/08/2023 to 14/08/2023	Universiti Tun Hussein Onn Malaysia
11	Invited Guest Speaker	The Workshop of Let Get Started with Mendeley	23/08/2023 to 23/08/2023	Universitas Hasanuddin, Mekassar, Sulawesi, Indonesia
12	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)
13	Invited Guest Speaker	The 6th International Symposium On Infrastructure Development (ISID 2023)	23/08/2023	Universitas Hasanuddin, Mekassar, Sulawesi, Indonesia
14	Invited Guest Speaker	Pemanfaatan Mayerial Bekas Dan Limbah Industri Untuk Bahanperkerasan Jalan	28/08/2023	Universitas Tidar - Magelang Indonesia

15	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)
16	Keynote Address	International UTM-UNHAS Invitational Lectures	29/11/2022	Faculty of Built Environment and Surveying, UTM
17	Oral Presenter	AHI EVRAN 2nd International Conference on Scientific Research	21/10/2022 to 23/10/2022	Kirsehir, Turkey
18	Oral and Technical Presenter	CUKUROVA 9th International Scientific Research Conference	9/10/2022 to 11/10/2022	Adana, Turkey
19	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
20	Keynote Address	2 Days Workshop-Asphalt Concrete: Production, Construction and Compliance	19/09/2022 to 20/09/2022	Universiti Teknologi Malaysia (UTM)
21	Invited Guest Speaker	Guide to Eliminate Formatting Errors using UTM Thesis Template	22/09/2022	Cisco Webex Meeting
22	Chairperson	Bengkel Semakan & Pembentangan Keputusan Peperiksaan Pelajar Semester I Sesi 2021/2022	02/03/2022	Universiti Teknologi Malaysia (UTM)
23	Invited Guest Speaker	Kursus Upskilling Buiding Material untuk Pensyarah Kolej Vokasional Bidang Teknologi Pembinaan	04/07/2022 to 07/07/2022	UTM Residensi, UTMKL
24	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
25	Chairperson	International Forum on Integrated Infrastructure Development, InFIInID 2021	22/09/2021	Platform: Zoom (ROOM C: ICHITRA)
26	Invited Guest Speaker	Application of Visio in Research	03/05/2021	Cisco Webex Meeting
27	Invited Guest Speaker	Utm Thesis Template	02/05/2021	Cisco Webex Meeting
28	Invited Guest Speaker	Kursus Wajib PGSS Sekolah Kejuruteraan Awam Bagi Program <i>Thesis Template Workshop</i>	04/07/2021	Cisco Webex Meeting
29	Invited Guest Speaker	Program “Online Courses on Pavement Quality Control”	24/02/2021	Cisco Webex Meeting
30	Oral Presenter	3rd International Conference on the Civil and Environmemtal Engineering Technologies (ICCEET-2021)	21/04/2021 to 22/04/2021	University of Kufa, Faculty of Engineering, Najaf City, Iraq.
31	Invited Guest Speaker	UTM Thesis Template & Writing Workshop	25/08/2020	Cisco Webex Meeting
32	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	11/10/2020	Universiti Teknologi Malaysia (UTM)

33	Invited Guest Speaker	Kursus Wajib PGSS Sekolah Kejuruteraan Awam Bagi Program Thesis Template Workshop	04/08/2020	Cisco Webex Meeting
34	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
35	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	07/10/2020	Cisco Webex Meeting
36	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	30/09/2020	Cisco Webex Meeting
37	Invited Guest Speaker	Mendeley-Your Friendly Reference And Citation Managing Tool	08/09/2020	Cisco Webex Meeting
38	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
39	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
40	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	02/04/2019	Universiti Teknologi Malaysia (UTM)
41	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	16/05/2019	Universiti Teknologi Malaysia (UTM)
42	Invited Guest Speaker	UTM Thesis Format: Writing Thesis & Mendeley	06/08/2019	Universiti Teknologi Malaysia (UTM)
43	Invited Guest Speaker	Bengkel Perisian Mendeley Untuk Pustakawan Perpustakaan UTM	20/03/2019	Universiti Teknologi Malaysia (UTM)
44	Invited Guest Speaker	Expert Talk on Mendeley	21/10/2019	Pavement Transport Research Group, UTM
45	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)
46	Invited Guest Speaker	Auto-Generate Thesis Writing	16/12/2018	Universiti Teknologi Malaysia (UTM)
47	Invited Guest Speaker	Kursus MRSC 1063 (Sustainable Trasport, Road And Bridge)	07/04/2018	Menara Razak, UTM, KL
48	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	17/03/2018	Universiti Teknologi Malaysia (UTM)
49	Invited Guest Speaker	Auto-Generated Thesis Writing Workshop	21/04/2018	Universiti Teknologi Malaysia (UTM)

50	Invited Guest Speaker	Kursus Berstruktur Tahun 3 Bagi Program Thesis Writing & Viva Defense Course	07/10/2018	Universiti Teknologi Malaysia (UTM)
51	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
52	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
53	Chairperson	Potential Use of Quarry Waste for Road Shoulder	01/03/2018 to 31/12/2018	Infra Desa Johor Sdn Bhd
54	Plenary	International Conference on Science, Engineering and the Social Sciences	18/05/2017	Universiti Teknologi Malaysia (UTM)
55	Invited Guest Speaker	Senai-Desaru Expressway (E22) Seminar	18/01/2017	Senai Desaru Expressway
56	Invited Guest Speaker	Knowledge Transfer Programme - Mersing	06/02/2017	Mersing, Johor
57	Invited Guest Speaker	Kursus Teknik Penulisan Laporan Teknikal Menggunakan "Advance Microsoft Word"	07/10/2017	Khairi Consult Sdn Bhd
58	Invited Guest Speaker	Auto-Generated Thesis and Report Writing	28/10/2017	University Collage Technical Sarawak
59	Invited Guest Speaker	Auto-Generated Thesis and Report Writing	22/03/2017	Politeknik Sultan Haji Ahmad Shah
60	Invited Guest Speaker	Structured course "CSSC 3130: UTM Thesis Format and Mendeley Workshop"	15/09/2017	Universiti Teknologi Malaysia (UTM)
61	Invited Guest Speaker	Bengkel Penulisan Buku Penyelidikan	26/11/2017	Universiti Teknologi Malaysia (UTM)
62	Invited Guest Speaker	Workshop on Auto-Generated Thesis and Report Writing	16/10/2017	Universiti Teknologi Malaysia (UTM)
63	Invited Guest Speaker	Workshop on Auto-Generated Thesis and Report Writing	14/10/2017	Universiti Teknologi Malaysia (UTM)
64	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)
65	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)
66	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)

67	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)
68	Chairperson	Projek Perkhidmatan Perundingan Kepada Syarikat Southern Premix Sdn. Bhd. VOT: 970	01/01/2016 to 31/12/2016	Menara Razak, UTM, KL
69	Keynote Address	Auto-Generate Thesis Writing	31/07/2016	Universiti Teknologi Malaysia (UTM)
70	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)
71	Invited Guest Speaker	Thesis Writing Part 1 - Microsoft Visio Workshop	29/04/2015	30/05/2015
72	Invited Guest Speaker	Thesis Writing Part 2 - Microsoft Office & Mendeley Workshop	29/07/2015	29/07/2015
73	Chairperson	Taskforce “ To conduct Workshops for Graduate Faculty”	15/03/2015 to 31/12/2015	Universiti Teknologi Malaysia
74	Chairperson	International Conference on Sustainable Urban Design for Liveable Cities (SUDLIC) 2014	11/11/2014 to 12/11/2014	Menara Razak, UTM, KL
75	Oral Presenter	International Conference on Sustainable Urban Design for Liveable Cities (SUDLIC) 2014	11/11/2014 to 12/11/2014	Menara Razak, UTM, KL
76	Oral Presenter	The National Seminar on Civil Engineering Research (SEPKA 2014)	09/04/2014 to 10/04/2014	Pusat Latihan UTM, Skudai, Johor
77	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	Member	Vot 431: 2 Day Short Course Lab Training On Pavement Materials And Design	17/12/2024 to 18/12/2024	UTSB	3,240
2	Member	Projek Pembangunan Platform Malaysia Standard (MS) Template	13/08/2024 to 30/11/2024	UTSB	20,000
3	Leader	The 13th International Conference On Geotechnical Engineering In Tropical Regions (Geotropika) Dan “The 3rd International	01/01/2024 to 31/12/2024	Faculty of Civil Engineering, UTM	148,700

		Conference On Highway And Transportation Engineering (Ichitra) – GEOCHITRA 2024			
4	Member	Laboratory Testing GTL SARAPHALT	01/12/2024 to 31/12/2024	UTSB	44,544
5	Leader	Vot 1313: Perkhidmatan Perundingan (Ujian-Ujian Bahan Pembinaan, Laporan Teknikal Dan Kursus Teknikal)	01/06/2023	UTSB	18,036
6	Member	Product Quality Control Report for PB-65 Soil Sealant	10/08/2023	UTSB	1,839.10
7	Member	2 Days Short Course: Pavement Materials, Mix Design & Construction	02/10/2023 to 03/10/2023	UTSB	14,628
8	Leader	Road Materials Quality Testing And Course	19/09/2022 to 20/09/2022	Skudai Johor	9,116
9	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	13,000
10	Member	Defect Inspection And Monitoring For Suspend Slab	01/01/2022 to 22/04/2022	Delima Oil Product Sdn Bhd (Pasir Gudang, Johor)	15,264
11	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
12	Member	Vot 1739 : Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan, Laporan Teknikal dan Kursus Teknikal)	27/10/2020 to 31/12/2020	UM Laboratory Sdn Bhd	1,575
13	Leader	VOT 1313 : Perkhidmatan Perundingan (Ujian Bahan Kejuruteraan,	01/01/2020 to 10/02/2020	Infra Desa (Johor) Sdn Bhd	8,400

		Laporan Teknikal dan Kursus Teknikal)			
14	Member	Sustainable Off-Grid Photovoltaic Eco-Gallery	01/07/2020 to 31/12/2020	Universiti Teknologi Malaysia	95,000
15	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
16	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
17	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
18	Speaker	Training - Autogenerate Thesis Writing	14/10/2017	Universiti Teknologi Malaysia	7,100
19	Speaker	Training - Autogenerate Thesis Writing	11/03/2017	Universiti Teknologi Malaysia	3,200
20	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
21	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

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) ₂ Derived from Carbide Lime Waste for CO ₂ 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