



PERSONAL DETAILS

Name : Mohd Khairul Idham bin Mohd Satar
Gender : Male
Date of Birth/Age : 10th March 1985
Nationality : Malaysian
Marital Status : Married
Permanent Address : No. 19, Jalan Nong Chik, 80100 Johor Bahru, Johor, Malaysia.
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ID Staff : 11797
Expertise : Pavement Materials, Highway Engineering, Traffic & Transportation Engineering
H-Index (WOS) : 8
H-Index (SCOPUS) : 10
H-Index (G. Scholar) : 12
H-Index (Researchgate) : 9

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1.	Ph.D	Civil Engineering	Universiti Teknologi Malaysia	2011	2016
2.	M.Eng	Civil Engineering	Universiti Teknologi Malaysia	2008	2010
3.	B.Eng	Civil Engineering	Universiti Teknologi Malaysia	2004	2008
4.	Sijil Pelajaran Malaysia (SPM)	Engineering	Sekolah Menengah Teknik Johor Bahru	2002	2002

AWARD AND HONORS RECEIVED

Summary			
International Awards/Honors			6
National Awards/Honors			8
UTM Awards/Honors			7
Faculty Awards/Honors			4
NO	AWARD	LEVEL	YEAR

		(FACULTY /UTM /NATIONAL /INTERNATIONAL)	
1.	Gold Medal Award – Pavement recycle using maltene, 12th Creation, Innovation, Technology & Research Exposition (Virtual Edition)	INTERNATIONAL	2022
2.	Bronze Medal Award – TCR-TP Asphalt, 23rd Industrial Art and Technology Exhibition (INATEX) 2021	NATIONAL	2022
3.	Gold Medal Award – Asphalt-FWB, Malaysia Technology Expo (MTE)	INTERNATIONAL	2021
4.	Gold Medal Award - Asphalt-FWB, International Alumni Convention & Innovation Exhibition (INACIX 2021)	INTERNATIONAL	2021
5.	Active Blended Learning Course	UNIVERSITY	2021
6.	Anugerah Perkhidmatan Cemerlang	UNIVERSITY	2019
7.	Anugerah Inovasi Staf (QR Code)	FACULTY	2019
8.	Anugerah Khas Keselamatan & Kesihatan Pekerjaan	FACULTY	2019
9.	Anugerah Persekitaran, Keselamatan & Kesihatan Pekerjaan (OSHE)	UNIVERSITY	2019
10.	Silver Medal Award – Maltenator, 21st Industrial Art and Technology Exhibition (INATEX) 2017	NATIONAL	2019
11.	Active Blended Learning Course	UNIVERSITY	2019
12.	Anugerah Kumpulan Penyelidikan Terbaik	FACULTY	2018
13.	Silver Medal Award – Web-based Tool for Malaysian Green Highway Index (MyGHI), Malaysian Road Conference (MRC)	NATIONAL	2018
14.	Silver Medal Award – Waste Engine Oil in Warm Mix Asphalt, Malaysian Road Conference (MRC)	NATIONAL	2018
15.	Silver Medal Award – Bio-Asphalt P5 – A Sustainable Binder, Malaysian Road Conference (MRC)	NATIONAL	2018
16.	Silver Medal Award – Learning Highway Engineering Course Through Massive Open Online Course (MOOC) Platform: Students' Awareness and Accessibility, NALI 2018 Exhibition & Competition	NATIONAL	2018
17.	Bronze Medal Award – Implementation of Blossoms Modules for Highway Engineering Course to Enrich Students Learning Experience, NALI 2018 Exhibition & Competition	NATIONAL	2018
18.	Active Blended Learning Course	UNIVERSITY	2018
19.	Gold Medal Award – Implementation of Engineering Course through MOOCs based on Authentic Learning Environment,	INTERNATIONAL	2017

	The International Invention, Innovation & Design Competition (IIID JOHOR 2017)		
20.	Bronze Medal Award – Bio-Asphalt P5, 19th Industrial Art and Technology Exhibition (INATEX) 2017	NATIONAL	2017
21.	Anugerah Kumpulan Penyelidikan Terbaik	FACULTY	2017
22.	Pencapaian cemerlang dengan penglibatan pelajar yang aktif, MOOC Highway Engineering	UNIVERSITY	2017
23.	Merit Thesis Award Grade B1 (Doctor of philosophy – Civil Engineering) for PhD thesis	UNIVERSITY	2016
24.	Silver Medal Award – Asphalt mix produced from electric arc furnace steel slag and copper mine tailings, 27th International Invention, Innovation & Technology Exhibition (ITEX 2016)	INTERNATIONAL	2016
25.	Silver Medal Award – Sustainable bitumen from waste material, 27th International Invention, Innovation & Technology Exhibition (ITEX 2016)	INTERNATIONAL	2016

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1.	Senior Lecturer	22/8/2016	Present	Universiti Teknologi Malaysia
2.	Engineer	2/2/2020	1/2/2021	Muda Consult Sdn. Bhd. (Industrial Training)
3.	Tutor	15/4/2010	27/8/2016	Universiti Teknologi Malaysia
4.	Traffic Engineer	1/3/2010	14/4/2010	Hiway Matra Consult Sdn. Bhd.
5.	Research Assistant	1/3/2009	28/2/2010	Institute of Environment & Water Resource Management (IPASA) – Universiti Teknologi Malaysia
6.	Trainee Engineer	29/4/2007	7/7/2007	Bakti Insani Sdn. Bhd.

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	1
National Professional Membership / Qualifications / Recognition	3

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1.	Malaysia Board of Technologists (MBOT) (Membership No: PT180800592011)	National	Professional Technologist	2020 – present

2.	Road Engineering Association of Malaysia (Membership No: O.3555)	National	Member	2017 – Present
3.	Road Engineering Association of Asia & Australasia (Membership No: O.3555)	International	Member	2017 – Present
4.	Board of Engineer Malaysia (BEM) (Membership No: 57572A)	National	Member	2008 – present

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1.	Coordinator for Master Program	28/2/2021	31/12/2021	School of Civil Engineering
2.	Consultant for Project: Road Material Quality Testing	8/2/2021	31/12/2021	UTM
3.	Coordinator for Jabatan Berkaitan MYRA Section F: Professional Services And Gifts	1/1/2021	31/12/2021	School of Civil Engineering
4.	Coordinator for Kursus SKAB 3842	1/9/2019	30/6/2020	School of Civil Engineering
5.	Evaluator for Proposal GUP	21/5/2019	21/5/2019	UTM
6.	Chairman for Civil Engineering Exit Test (CEET)	1/1/2019	31/12/2019	School of Civil Engineering
7.	Coordinator for Kursus SKAA 3842 – Semester I & II, Sesi 2018/2019	30/7/2018	30/6/2019	School of Civil Engineering
8.	Head of Transportation Laboratory	1/3/2018	30/9/2020	School of Civil Engineering
9.	Consultant for Project: Potential Use Of Quarry Waste For Road Shoulder Report	1/3/2018	28/2/2019	UTM
10.	Coordinator for Jabatan Berkaitan MyRA, Section E: Innovation	1/2/2018	31/12/2018	School of Civil Engineering

CONSULTATION WORKS

Summary	
Consultation Project-UTM	3 (RM 235,761.20)
Consultation Project- Others	2 (RM 418,725.00)

No.	Year	Title	Value	Vot
1.	2021	Tabung Seminar INFINID 2021 - ICHITRA	RM 50000.00	NA-UTM
2.	2020	Traffic Study for Pengerang Integrated Complex (PIC) during Operation Stage for Petronas Refinery and Petrochemical Corporation Sdn Bhd (PRPC)	RM 384000.00	1624

3.	2019	GEOTROPIKA-ICHITRA 2019	RM 146261.00	NA-UTM
4.	2019	Potential Use Of Quarry Waste For Road Shoulder	RM 34725.00	1313
5.	2017	Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung)	RM 39500.00	NA-UTM

INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Committee	7
National Committee	2
University Committee	3
Faculty Committee	13
Community Committee	-

International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Kajian Measuring And Comparing Achievements Of Learning Outcomes In Higher Education In Asia (CALOHEA)	Teaching and Learning (T&L)	14/9/2021	14/9/2021
2.	International Forum On Integrated Infrastructure Development (INFINID 2021)	Publication Committee	17/8/2021	31/1/2022
3.	The 12th International Conference On Geotechnical Engineering & 2nd International Conference Of Highway And Transportation	Committee	1/11/2019	28/2/2021
4.	Inbound Mobility Program	Academician	12/2/2019	5/3/2019
5.	IOP Conference Series: Materials Science And Engineering	Editor	1/1/2019	30/9/2019
6.	The 1st International Conference on Highway and Transportation Engineering	Secretary Assistant	1/2/2018	28/2/2019
7.	The 10th Global Congress and Conferment Ceremony	Committee	16/7/2017	16/7/2017
8.	The 11th International Conference On Geotechnical And Transportation Engineering	Marketing/ Protocol Committee	1/2/2017	30/6/2017
9.	The 10th International Conference On Geotechnical And Transportation Engineering	Committee	17/2/2016	18/2/2016

National

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Program Khidmat Masyarakat Generasi Mahasiswa Proaktif 2017 (GEMPAK' 17)	Advisor Project and Fasilitator	31/3/2017	8/4/2017
2.	Program Pemindahan Teknologi (Knowledge Transfer Programme) Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung) Di Mersing, Johor	Fasilitator	6/2/2017	7/2/2017

University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Persediaan Menjalani Latihan Ikhtisas: Apa Yang Perlu Anda Tahu	Committee	7/3/2021	7/3/2021
2.	Persatuan Kakitangan Akademik UTM	Committee	1/1/2021	31/12/2021
3.	Persatuan Kakitangan Akademik UTM	Committee	1/1/2019	31/12/2019
4.	Program 'Jom patching jalan'	Committee	19/10/2016	19/10/2016

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Pembentangan Kemajuan Penyelidikan	Evaluator	13/12/2021	16/12/2021
2.	Akademik Sekolah (JKAS) Pasca Siswazah Sekolah Kejuruteraan Awam	Committee	1/9/2021	31/8/2022
3.	Program Future Ready Educators (FREE)	Committee	1/5/2021	30/4/2023
4.	Task Force Dokumen Penilaian Pematuhan Akreditasi Penuh Program : MQA 04 Fakulti Kejuruteraan	Committee	9/2/2021	31/12/2021
5.	Civil Engineering Exit TEST	Committee	1/1/2021	31/12/2021
6.	OSHE SKA	Committee	2/1/2019	31/12/2019
7.	Jawatankuasa Sebut Harga Sekolah	Committee	1/10/2018	30/9/2019
8.	Jawatankuasa Penilaian Teknikal	Committee	1/10/2018	30/9/2019
9.	Jawatankuasa Penerima Aset	Committee	1/10/2018	30/9/2019
10.	Jawatankuasa Aset Alih Fakulti	Committee	1/10/2018	30/9/2019
11.	Task Force Report Card Pelajar	Committee	10/7/2017	10/7/2018
12.	Task Force Penyediaan 'Report Card' Pelajar Bagi Laporan Akreditasi Engineering Accreditation Council (EAC)	Committee	5/3/2017	31/12/2017
13.	Majlis Kesyukuran, Doa Selamat dan Tahlil, Jabatan Geoteknik dan Pengangkutan 2017	Committee	20/2/2017	20/2/2017
14.	Study circle (Muslim)	Committee	31/12/2016	31/12/2016
15.	Kursus pendek asas penyelidikan & pembangunan untuk kerja-kerja jalan	Fasilitator	25/9/2016	25/9/2016
16.	Majlis anugerah kualiti 2015 dan jamuan aidilfitri FKA	Technical committee	1/8/2016	1/8/2016
17.	2 Days Workshop – Asphalt concrete: Production, construction & compliance	Fasilitator	16/5/2016	17/5/2016
18.	Recent issues and development in highway & transportation engineering	Secretariat	6/12/2010	6/12/2010
19.	Kursus pavement forensic investigation	Fasilitator	6/10/2015	8/10/2015

Community

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Program lawatan dari SK FELDA Bukit Puchong, Pahang ke FKA UTM	Fasilitator	13/11/2016	13/11/2016

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1.	Kursus revit structure certified professional course	Makmal Komputer, Blok M50, SKA UTM	20/1/2020	24/1/2020
2.	Workshop on publication and site visit at Kampung Air Merah	Kampung Air Merah, Mersing, Johor	5/12/2018	6/12/2018
3.	Bengkel strategik penyelidik IPTA (Kluster Pavement)	Universiti Tun Hussein Onn, Batu Pahat, Johor	22/2/2018	23/2/2018
4.	Program Transformasi Minda	Dewan utama, Pusat latihan, UTM	2/4/2017	6/4/2017
5.	Aphalt pavement day: What's new? By Road Engineering Association Malaysia	De Palma Hotel Shah Alam	28/2/2017	28/2/2017
6.	Kursus pengukuran dan penilaian UTM-MOOC	CTL UTM	16/1/2017	17/1/2017
7.	Bengkel platform baharu UTM-MOOC	CTL, UTM	9/10/2016	9/10/2016
8.	Kursus kompetensi staf makmal: Rock testing	Makmal pengangkutan, D02, FKA, UTM	7/9/2016	7/9/2016
9.	Code of ethics	UTM	8/8/2016	9/8/2016
10.	Bengkel pengisian copyright bahan (OER)	Makmal komputer CTL, UTM	15/6/2016	15/6/2016
11.	Bengkel pemurnian students online activities & problem solving video	Bilik benkel CTL, Pusat kepimpinan akademik UTM (UTMLead), UTM	8/12/2015	8/12/2015
12.	Seminar cawangan jalan 2015	Tingkat 15, Blok F, Ibu pejabat JKR, Kuala Lumpur	11/11/2015	12/11/2015
13.	Bengkel penulisan jurnal dan penyelian – Siri 1	Pulai Springs Resort, Johor	12/10/2015	12/10/2015
14.	Kursus pavement forensic investigation	Bilik seminar, Blok M46-223, FKA UTM	6/10/2015	8/10/2015
15.	How to defend your VIVA workshop	UTM	22/12/2014	22/12/2014
16.	Pavement structural thickness design, maintenance and new technology	Faculty of Civil Engineering, UTM	2/12/2013	3/12/2013
17.	Asphaltic concrete: Production, construction & compliance	Faculty of Civil Engineering, UTM	7/2/2013	8/12/2013
18.	Statistical Software of Minitab	M46, Faculty of Civil Engineering, UTM	29/11/2013	29/11/2013
19.	Microstructure analysis (TGA/DTA, MIP, XRD, SEM & FTIR)	D10, Faculty of Civil Engineering, UTM	8/12/2012	8/12/2012
20.	Program pembentangan teknikal anjuran LLM Bil.1/2012 – Sustainability of pavement in highway design, construction & maintenance	Auditorium Lembaga Lebuhraya Malaysia	21/2/2012	21/2/2012
21.	Kursus Teknologi Web 2.0 bagi tujuan P&P	Makmal komputer 1, Pusat pengajaran dan	29/9/2010	29/9/2010

		pembelajaran (CTL), UTM		
22.	Kursus pengenalan MATLAB	Bilik komputer 4, D02, Faculty of Civil Engineering, UTM	30/11/2011	30/11/2011
23.	Kursus kaedah penyelidikan 2011	UTM	1/7/2011	2/7/2011
24.	Kursus kaedah penyelidikan	Dewan kuliah pusat, Blok N24, UTM	13/6/2011	2/7/2011
25.	Kursus pembelajaran aktif menerusi Microsoft Power Point	Makmal komputer 1, Pusat pengajaran dan pembelajaran (CTL), UTM	10/2/2011	10/2/2011
26.	Kursus asas e-pembelajaran	Makmal komputer 1, Pusat pengajaran dan pembelajaran (CTL), UTM	26/1/2011	26/1/2011
27.	Recent issues and development in highway & transportation engineering	Faculty of Civil Engineering, UTM	6/12/2010	6/12/2010
28.	Skid resistance and the effects of temperature	Sutera Harbour, Sabah, Malaysia	1/12/2010	3/12/2010
29.	Kursus asas e-pembelajaran@UTM: Mengurus kursus secara berkesan	Makmal komputer 1, Pusat pengajaran dan pembelajaran (CTL), UTM	24/11/2010	24/11/2010
30.	Kursus teaching in english	Bilik latihan korporat, Pusat pengajaran dan pembelajaran (CTL), UTM	9/11/2010	9/11/2010
31.	Kursus pembangunan portfolio pengajaran	Bilik latihan korporat, Pusat pengajaran dan pembelajaran (CTL), UTM	3/11/2010	4/11/2010
32.	Half-day course on abstract writing in english	Bilik latihan korporat, Pusat pengajaran dan pembelajaran (CTL), UTM	1/11/2010	1/11/2010
33.	Half-day course on pronunciation skills in english	Bilik latihan korporat, Pusat pengajaran dan pembelajaran (CTL), UTM	28/10/2010	28/10/2010
34.	Kursus grammar revision	Bilik latihan korporat, Pusat pengajaran dan pembelajaran (CTL), UTM	27/10/2010	27/10/2010
35.	Journal publication workshop	UTM	7/10/2010	8/10/2010
36.	Kursus asas rekabentuk grafik bagi tujuan P&P	Makmal komputer 1, Pusat pengajaran dan pembelajaran (CTL), UTM	5/8/2010	5/8/2010

37.	Kursus analisis kuantitatif bagi penyelidikan dalam pendidikan dan sains sosial	Makmal komputer 1, Pusat pengajaran dan pembelajaran (CTL), UTM	3/8/2010	3/8/2010
38.	Penilaian penguasaan kemahiran generik dikalangan pelajar	Rumah alumni, UTM	13/7/2010	14/7/2010

RESEARCH ACTIVITIES

Summary	
Principal Investigator- International Grants	-
Principal Investigator- National Grants	1 projects (RM63,000)
Principal Investigator- UTM Grants	2 projects (RM48,500)
Member- International Grants	-
Member- National Grants	10 projects (RM899,300.00)
Member- UTM Grants	20 projects (RM789,361.00)

As a principal investigator

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Relationship between physical and chemical behaviour of recovered bitumen incorporating maltene as the rejuvenating agent	Project Leader	Ministry of Higher Education (MOHE)	Fundamental Research Grant Scheme	63000	1/9/2019	30/11/2022	R.J130000.7851.5F175
2.	Impact of maltene on the performance of asphalt mixture incorporating recycle material	Project Leader	UTM	TIER 2	28500	1/8/2019	31/1/2022	Q.J130000.2651.16J15
3.	Performance of Rejuvenated Recycled Asphalt Mixture	Project Leader	UTM	TIER 2	20000	1/7/2017	30/9/2018	Q.J130000.2622.14J09

As a scientific member

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	The impact of road geometrical parameters on travel speed in urban area	Member	Others	Industry-International Incentive Grant	20000	1/6/2021	31/5/2022	Q.J130000.3651.03M34
2.	Characterization of fracture behaviour of asphalt mixture	Member	Ministry of Higher Education (MOHE)	Fundamental Research Grant Scheme	96600	1/11/2020	30/4/2023	R.J130000.7851.5F285
3.	Impact of COVID-19 on Johor Bahru Bus Operation, Ridership and Facilities	Member	UTM	Encouragement Research	56000	1/10/2020	30/9/2022	Q.J130000.3851.19J80
4.	Potential Application of Resin Polymer Residue from SURFACTOR factory	Member	Others	Contract Research DTD	22000	1/9/2020	31/12/2021	R.J130000.7651.4C404
5.	Application of Fly Ash as Paving Material in Asphalt Pavement	Member	UTM	UTMShine	40000	1/3/2020	31/8/2022	Q.J130000.2451.09G26
6.	Cup Lump Modified Cold Mix Asphalt for Road Patching	Member	UTM	High Impact Research	110000	1/1/2020	30/6/2023	Q.J130000.2451.09G20
7.	Effect of liquefied food waste (LFW) as bio-binder in asphalt mixture	Member	UTM	Encouragement Research	30000	1/11/2019	30/4/2022	Q.J130000.2651.17J68
8.	Impact of aggressive behaviour on speed selection by young and middle-aged drivers	Member	UTM	Tier 2	30000	1/11/2019	30/4/2022	R.J130000.2651.17J34
9.	Structural Behaviour of Pavement Patching Work	Member	Ministry of Higher Education (MOHE)	Fundamental Research Grant Scheme	66200	1/9/2019	31/5/2022	R.J130000.7851.5F170

10.	Environmental effects on structural and cooling behavior of hot mix asphalt under compaction	Member	Ministry of Higher Education (MOHE)	Fundamental Research Grant Scheme	64000	1/9/2019	31/5/2022	R.J130000.7851.5F169
11.	Performance of polymer modified asphalt incorporating activated crumb rubber and polymer compound	Member	UTM	Tier 2	20000	1/8/2019	31/1/2022	Q.J130000.2651.16J30
12.	Projek penilaian forensik jalan bersama industri	Member	UTM	Business Entity	1561	1/3/2019	31/8/2020	S.J130000.0851.4Y212
13.	Microstructural Behaviour for Reversible Moisture Damage in Flooded Asphalt Mixture	Member	Ministry of Higher Education (MOHE)	Fundamental Research Grant Scheme	61000	1/1/2019	30/9/2021	R.J130000.7851.5F019
14.	Green roads and highways- evaluation of greenhouse gases emissions from material production and transportation	Member	UTM	Tier 1	50000	1/2/2018	31/1/2020	Q.J130000.2522.19H98
15.	Urban heat island effect: thermal response of conventional and modified asphalt pavements	Member	UTM	Tier 1	50000	1/2/2018	31/1/2020	Q.J130000.2522.19H82
16.	Carbon Footprint Calculator for Malaysian Green Highway Index (Material)	Member	Others	Lembaga Lebuhraya Malaysia	20000	1/12/2017	30/9/2020	R.J130000.7322.4B331
17.	Carbon Footprint Calculator for Malaysian Green Highway Index (Construction and Green Highway Initiatives)	Member	Others	Lembaga Lebuhraya Malaysia	50000	1/12/2017	30/9/2020	R.J130000.7322.4B326
18.	Performance of rutting, stripping and cracking of warm mix asphalt	Member	UTM	Tier 1	40000	1/7/2017	30/6/2019	Q.J130000.2522.17H69

19.	Prediction on the remaining strength of flooded asphalt mixture	Member	UTM	Tier 1	32800	1/7/2017	30/6/2019	Q.J130000.2522.17H68
20.	Performance of Waste Cooking Oil as an Alternative Binder for Hot Mix Asphalt	Member	UTM	Tier 1	40000	1/7/2017	30/6/2019	Q.J130000.2522.18H05
21.	Driver's Speeding Behaviour on Expressway under Various Environmental and Traffic Conditions.	Member	UTM	Tier 1	35000	1/7/2017	31/12/2018	Q.J130000.2511.18H29
22.	Kajian pengurusan pengangkutan pusat bandar Johor Bahru, Batu Pahat, Muar, Kulai dan Pasir Gudang	Member	Contract Research DTD	Perbadanan Pengangkutan Awam Johor Sdn Bhd	460000	1/1/2017	31/5/2018	R.J130000.7622.4C127
23.	Pemindahan Teknologi Kaedah rekabentuk turapan jalan	Member	UTM	Business Entity	5000	1/11/2016	28/2/2017	S.J130000.0822.4Y060
24.	Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung)	Member	Others	Institut Inovasi Strategik Johor	39500	15/7/2016	14/7/2017	Q.J130000.2522.15H16
25.	Performance of palm oil fuel ash in asphalt emulsion	Member	UTM	Tier 1	50000	1/7/2016	31/8/2018	Q.J130000.2522.14H30
26.	Interaction mechanism between bituminous mixtures and kenaf fibre to improve resistance against rutting and moisture damage of flexible pavement	Member	UTM	Tier 1	50000	15/11/2015	14/11/2017	Q.J130000.2522.11H35

27.	Laboratory Evaluation On Using Bio-Binder For Hot Mix Asphalt (HMA)	Member	UTM	Tier 1	40000	1/4/2014	31/3/2016	Q.J130000.2522.06H58
28.	Behavior of cold stone mastic asphalt using small nominal maximum aggregate size	Member	UTM	Tier 2	34000	1/12/2012	31/12/2013	Q.J130000.2622.06J98
29.	Evaluation on the performance of bond strength between surfacing pavement layers	Member	UTM	Tier 2	35000	1/5/2012	30/4/2013	Q.J130000.2622.06J52
30.	Engineering Properties Of Hot Mix Recycling Asphalt Mixtures	Member	UTM	Tier 2	40000	1/4/2011	31/10/2012	Q.J130000.2622.01J84

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/INTERNATIONAL)	STARTING DATE	ENDING DATE
1.	MOA UTM with University of the Ryukyus, Okinawa Japan	International	1/1/2019	31/12/2019
2.	MOA UTM dan AHN VERTEX	National	1/1/2019	31/12/2019
3.	MOU antara UTM dan PAJ - Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat, Muar & Kulai Dan Pasir Gudang	National	1/1/2017	30/9/2017
4.	MOU antara FKA dan HATTI	International	17/2/2016	17/2/2018
5.	MOU antara UTM dan NIT of Kagoshima	International	26/9/2016	26/9/2017

TEACHING ACTIVITIES

Summary	
Total Credit Hours	101

UNDERGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2010/2011	1	SAB 2832	Highway Engineering	2	49
2010/2011	2	SAB 2832	Highway Engineering	2	110
2015/2016	1	SKAA 2832	Highway Engineering	2	38
		SKAA3012	Civil Engineering Laboratory 2	2	69
2015/2016	2	SKAA3012	Civil Engineering Laboratory 2	2	36
2016/2017	1	SKAA1012	Civil Engineering Fundamentals	2	203
		SKAA2012	Civil Engineering Laboratory 1	2	54
2016/2017	2	SKAA3842	Traffic Engineering	2	68
2017/2018	1	SKAA2012	Civil Engineering Laboratory 1	2	28
		SKAA3012	Civil Engineering Laboratory 2	2	86
		SKAA3842	Traffic Engineering	2	87
2017/2018	2	SKAA2012	Civil Engineering Laboratory 1	2	21
		SKAA3842	Traffic Engineering	2	54
2018/2019	1	SKAA3012	Civil Engineering Laboratory 2	2	42
		SKAA3842	Traffic Engineering	2	42
2018/2019	2	SKAB2012	Civil Engineering Laboratory 1	2	43
		SKAA3842	Traffic Engineering	2	52
2019/2020	1	SKAB2012	Civil Engineering Laboratory 1	2	29
		SKAB3012	Civil Engineering Laboratory 2	2	53
		SKAB3842	Traffic Engineering	2	60
2020/2021	2	SKAB4032	Integrated Design Project 2	2	50
		SKAB5813	Highway and Infrastructure Design	3	3
2021/2022	1	SEAA3012	Civil Engineering Laboratory 2	2	48
		SKAB4032	Integrated Design Project 2	2	45

		SKAB5833	Traffic Management and Analysis	3	8
2021/2022	2	SKAA3012	Civil Engineering Laboratory 2	2	30
		SKAA3842	Traffic Engineering	2	54
		SKAB5813	Highway and Infrastructure Design	3	11
Total credits				59	1473

POSTGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2016/2017	1	MKAQ1113	Pavement Management System	3	8
2016/2017	2	MKAQ1073	Airport Planning And Design	3	7
		MKAQ1113	Pavement Management System	3	7
2017/2018	1	MKAQ1113	Pavement Management System	3	13
2017/2018	2	MKAQ1113	Pavement Management System	3	11
		MKAQ1083	Traffic Management & Analysis	3	9
2018/2019	1	MKAQ1113	Pavement Management System	3	6
2018/2019	2	MKAQ1113	Pavement Management System	3	22
		MKAQ1083	Traffic Management & Analysis	3	25
2020/2021	2	MKAQ1013	Highway And Infrastructure Design	3	9
		MKAQ1113	Pavement Management System	3	6
2021/2022	1	MKAQ1083	Traffic Management & Analysis	3	6
2021/2022	2	MKAQ1013	Highway And Infrastructure Design	3	7
		MKAQ1113	Pavement Management System	3	11
Total credits				42	147

SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	-
Co-Supervisor – PhD (Graduated)	5
Main Supervisor – PhD (Ongoing)	3
Co-Supervisor – PhD (Ongoing)	2
Main Supervisor- Master by Research (Graduated)	-
Main Supervisor- Master by Research (On-Going)	1
Main Supervisor- Master by Taught Course (Graduated)	3
Main Supervisor- Master by Taught Course (On-Going)	1
Main Supervisor- Master by Mixed-Mode (Graduated)	-
Main Supervisor- Master by Mixed-Mode (On-Going)	-

PhD Student

No.	Name	No. Matric	Status (Graduated/ On-Going)	Title	Roles of Supervision
1.	Ashraf Abdalla M. Radwan	PKA183059	On-Going	Use Of Coal Fly Ash As Bonding Agent In Asphalt Pavement	Main Supervisor
2.	Muhammad Reza Agraha Maha	PKA193018	On-Going	The Performance Asbuton As Warm Mix Asphalt For Asphalt Concretewearing Course	Main Supervisor
3.	Sallam Ayed Alhusban	PKA213025	On-Going	Predicting Traffic Accidents via Spatiotemporal Graph Convolutional Networks for Amman City Jordan	Main Supervisor
4.	Kabiru Usman Rogo	PKA173079	Graduated	Carbon Footprint Calculator For Highway Development During Construction Phase In Malaysia	Co Supervisor
5.	Suleiman Abdulrahman	PKA173008	Graduated	Warm Mix Asphalt Incorporating With Cup Lump Rubber And Palm Oil Fuel Ash	Co Supervisor
6.	Zulfiqar Ali	PKA163050	On-Going	Performance of Warm Mix Asphalt Containing Coal Bottom Ash as Alternating Aggregate	Co Supervisor
7.	Roziawati Bt Razali	PKA183002	On-Going	Performance of cuplump rubberised warm mix asphalt using waste cooking oil as additive	Co Supervisor
8.	Siti Nur Naqibah Binti Kamarudin	PKA183011	Graduated	Performance of Hot Mix Asphalt Incorporating Treated Crumb Rubber and Treated Plastic as Additives	Co Supervisor
9.	Al-Saffar Zaid Hazim Hussein	PKA183028	Graduated	Performance Of Reclaimed Asphalt Pavement Rejuvenated With Maltene	Co Supervisor
10.	Noor Azah Binti Abdul Raman	PA133010	Graduated	Modification Of Asphalt Binder Using Biooil And Biochar From Oil Palm Solid Waste	Co Supervisor

MSc. Student

No.	Name	No. Matric	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-	Roles of Supervision
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					course/ Mixed Mode)	
1.	Nurul Aliah Amirah Binti Mazalan	MKA203013	On-Going	The Effect of Asphaltenes on Performance of Bituminous Mastics	Research	Main Supervisor
2.	Mohamad Fikri Hazim Bin Mohd Johari	MKA203012	On-Going	Impact of COVID19 On Johor Bahru Bus Operation Ridership and Facilities	Research	Co Supervisor
3.	Fatin Farahanim Binti Mohd Zaidi	MKA201049	On-Going	Preliminary assessment on alternative routes for rat running traffic at Bandar Selesa Jaya	Taught Course	Main Supervisor
4.	Wahyuni Wahab	MKA171005	Graduated	Physical and chemical properties of recycled bitumen incorporating rejuvenator	Taught Course	Main Supervisor
5.	Nur Hayati Maulad Abu Bakar	MKA171188	Graduated	Evaluation of settlement due to lift behavior at airport runway strip in peninsular Malaysia	Taught Course	Main Supervisor
6.	Ahmad Syahrir Bin Mohamad Shakeri	MKA171049	Graduated	Utilization of prefabricated vertical drain treatment method on soft soil for highway project	Taught Course	Main Supervisor
7.	Che Muhammad Fatihi Hafifi Bin Che Wahid	MKA173011	Graduated	Carbon footprint calculator for highway development during construction phase in Malaysia	Research	Co Supervisor
8.	Nur Amirah Binti Mohd Shafferi	MKA161054	Graduated	Perfromance of asphalt mixture incorporating kaolin clay at different aging	Taught Course	Co Supervisor

9.	Nura Shehu Aliyu Yaro	MKA161048	Graduated	Moisture damage of hot mix asphalt mixture incorporating kenaf fiber	Taught Course	Co Supervisor
10.	Siti Nur Naqibah Binti Kamarudin	MKA161065	Graduated	Comparison of Performance between Hot Mix Asphalt and Warm Mix Asphalt as Related to Compaction Design	Taught Course	Co Supervisor
11.	Samah Osman Abd Elhaleim Hussein	MKA151176	Graduated	Rutting performance of hot mix asphalt mixture incorporating kenaf fiber	Taught Course	Co Supervisor

Undergraduate Level

1. Zulkarnain Bin Othman, 2022. "Pelan Pengurusan Trafik Pembinaan Lebuhraya Sungai Besi-Hulu Kelang (SUKE)." Final Project.
2. Amir Hisyam Bin Abdul Halim, 2022. "Assessment Of Parking Facilities At Selayang Hospital, Selangor." Final Project.
3. Afiqah Amirah Binti Haji Abd Rahim, 2022. "Keperluan rekabentuk lorong tambahan di persimpangan." Final Project.
4. Muhamad Naqib Bin Emran, 2021. "Rutting and fatigue performance of asphalt mixtures containing steel slag – A review." Final Project.
5. Muhamad Ridza Ikmal Bin Zakaria, 2021. "Microstructural properties and skid resistance performance of asphalt mixture containing steel slag - A review." Final Project.
6. Nur Zakiah Binti Mohd Faudzi, 2021. "Marshall properties and moisture susceptibility of hot mix asphalt containing steel slag – A review." Final Project.
7. Choon Wee Kim, 2020. "Identification Of Accident Black Spots Along Lebuhraya Damansara Puchong (LDP)." Final Project.
8. Nurul Hidayah Binti Mohd Noor Azlan, 2020. "Perlaksanaan Aes Dan Perangkap Had Laju Di Lebuhraya Guthrie Dalam Mempengaruhi Kelajuan Pemandu." Final Project.
9. Maziah Binti Mohd Salman, 2020. "Kajian tempat letak kereta di Pangsapuri Inai" Final Project.
10. Razin Riyadhuddin Bin Rahasdin, 2020. "Penggunaan transit aliran ringan semasa perintah kawalan pergerakan" Final Project.
11. Maslinda Ayu Binti Fadzil, 2020. "Speed distribution and compliance at low speed limit zone." Final Project.
12. Nur Farah Syahirah Binti Mohd Rohaizad, 2020. "Traffic speed measurement based on different devices." Final Project.

13. Nurul Aliah Amirah Binti Mazalan, 2020. "Rutting resistance of bituminous mixture incorporating various mineral fillers." Final Project.
14. Muhamad Farhan Bin Muhammad Tajmuddin Shah, 2019. "Prestasi campuran asphalt panas dengan sanga keluli sebagai agregat gentian." Final Project.
15. Mohd Shafiq Bin Mohd Zolkfali, 2019. "Kesan suhu terhadap pembinaan lapisan pengikat turapan lentur." Final Project.
16. Saprianto Bin Junaidi, 2019. "Peningkatan kekuatan struktur jalan dengan menggunakan geotekstil." Final Project.
17. Mohd Hafieez Bin Mohd Said, 2019. "The utilization of waste cooking oil modified binder in warm mix asphalt." Final Project.
18. Muhammad Shahrizan Bin Hussin, 2019. "The utilization of waste cooking oil modified binder in warm mix asphalt." Final Project.
19. Budi Mulia Bin Sufriadi, 2019. "Abu terbang sebagai agregat halus dalam campuran asphalt." Final Project.
20. Mohamad Akram Bin Ahmad Badlishah, 2019. "Stripping resistance of recycled stone mastic asphalt mixture." Final Project.
21. Uzair Bin Amran, 2019. "Crack behaviour of stone mastic asphalt containing reclaimed asphalt pavement." Final Project.
22. Mohd Faez Bin Hadi, 2018. "Performance of recycled mixture incorporating oil based rejuvenator." Final Project.
23. Muhammad Rizal Abadi Bin Mohd Lokman, 2018. "Performance of recycled mixture incorporating water-based rejuvenator." Final Project.
24. Siti Aishah Binti Hamid, 2018. "Effect of various rejuvenating agents on aged bitumen properties." Final Project.
25. Nor Farhani Salleh, 2012. "Kesan Penuaan ketuhar jangka Panjang terhadap modulus resilien konkrit asphalt 28." Final Project.
26. Nur Syuhada Shaffie, 2012. "Kesan Penuaan ketuhar jangka Panjang terhadap modulus resilien konkrit asphalt 10." Final Project.
27. Nurul Amirah Abdul Rahim, 2012. "Kesan Penuaan ketuhar jangka Panjang terhadap modulus resilien konkrit asphalt 14." Final Project.
28. Hasmizar Hadzir, 2012. "Kesan Penuaan oven jangka Panjang terhadap modulus resilien konkrit asphalt 10." Final Project.

UTM POSTGRADUATE EXAMINATION/ VIVA

Summary	
MSc. Internal Examiner	-
PhD Internal Examiner	-
Fast track student examiner	-
Others Examiner	-

Msc Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	-			

PhD Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	-			

EXTERNAL EXAMINATION/ VIVA

Summary	
MSc. External Examiner	-
Fast track student Examiner	-
Others Examiner	-

Msc External Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	-			

PUBLICATIONS

Sila tambah mengikut kesesuaian.

Summary	
ISI Article/Journal	21 (9Q1, 5Q2, 2Q3, 2Q4)
Scopus Article/Journal	10
Non-Indexed Article/Journal	-
Indexed Conference Proceedings	68
Non- Indexed Conference Proceedings	-
Thesis	1
Book Chapters	2
Expert Report	-
Classified/Technical /Expert Report	4
Policy Paper	-
Selected review paper	21

NO	ARTICLE TITLE	JOURNAL TITLE	ISSN	Vol.	Issues	Page	Publication year	IF	Type of Publication	Category of Publication	Quartile Ranking
1.	The tailored traits of reclaimed asphalt pavement incorporating maltene: performance analyses	International Journal of Pavement Engineering	10298436	23	6	1800-1813	2022	-	Article	Scopus Article/Journal	-
2.	Moisture susceptibility and environmental impact of warm mix asphalt containing bottom ash	Case Studies In Construction Materials	2214-5095	15	-	e00636	2021	3.328	Article	ISI Article/ Journal	Q2
3.	A new approach to enhance the reclaimed	Road Materials and Pavement Design	1468-0629	-	-	1-24	2021	3.792	Article	ISI Article/ Journal	Q2

	asphalt pavement features: role of maltene as a rejuvenator										
4.	Effects of maltene on the attributes of reclaimed asphalt pavement: Performance optimisation.	Construction and Building Materials	0950-0618	302	-	124210	2021	6.141	Article	ISI Article/ Journal	Q1
5.	A Review on the Durability of Recycled Asphalt Mixtures Embraced with Rejuvenators.	Sustainability	2071-1050	13	16	8970	2021	3.251	Article	ISI Article/ Journal	Q2
6.	Enhanced Dry Process Method for Modified Asphalt Containing Plastic Waste	Frontiers In Materials	2296-8016	8	-	700231	2021	3.515	Article	ISI Article/ Journal	Q2
7.	Laboratory investigation of coal bottom ash modified warm mix asphalt	Jurnal Teknologi-Sciences & Engineering	2180-3722	83	4	63-74	2021	-	Article	ISI Article/ Journal	-
8.	Palm oil fuel ash application in cold mix dense-graded bituminous mixture	Construction And Building Materials	0950-0618	287	-	123033	2021	6.141	Article	ISI Article/ Journal	Q1
9.	A comparative assessment of the physical and microstructural properties of	Case Studies In Construction Materials	2214-5095	14	-	e00474	2021	3.328	Article	ISI Article/ Journal	Q2

	waste garnet generated from automated and manual blasting process										
10.	Mechanical performance and global warming potential of unaged warm cup lump modified asphalt	Journal Of Cleaner Production	0959-6526	297	-	126653	2021	9.297	Article	ISI Article/ Journal	Q1
11.	Impacts of Maltene on the Wettability and Adhesion Properties of Rejuvenated Asphalt Binder.	Arabian Journal for Science and Engineering	2193-567X	46	11	10557-10568	2021	2.334	Article	ISI Article/ Journal	Q3
12.	A review on rejuvenating materials used with reclaimed hot mix asphalt.	Canadian Journal of Civil Engineering	0315-1468	48	3	233-249	2021	1.38	Article	ISI Article/ Journal	Q4
13.	Physical, rheological and chemical features of recycled asphalt embraced with a hybrid rejuvenating agent.	International Journal of Pavement Engineering	1029-8436	-	-	1-19	2021	4.139	Article	ISI Article/ Journal	Q1
14.	Laboratory investigation of coal bottom ash modified warm mix asphalt	Jurnal Teknologi	01279696	83	4	63-74	2021	-	Article	Scopus Article/Journal	-
15.	The tailored traits of reclaimed asphalt	International Journal of	1029-8436	-	-	1-14	2020	4.139	Article	ISI Article/ Journal	Q1

	pavement incorporating maltene: performance analyses.	Pavement Engineering									
16.	Evaluating the Chemical and Rheological Attributes of Aged Asphalt: Synergistic Effects of Maltene and Waste Engine Oil Rejuvenators.	Arabian Journal for Science and Engineering	2193-567X	45	10	8685-8697	2020	2.334	Article	ISI Article/ Journal	Q3
17.	Influence of diatomite filler on rheological properties of porous asphalt mastic	International Journal Of Pavement Engineering	1029-8436	21	4	428-436	2020	4.139	Article	ISI Article/ Journal	Q1
18.	Mechanical performance of asphalt mixture containing cup lump rubber	Jurnal Teknologi	2180-3722	81	6	179-185	2019	-	Article	Scopus Article/Journal	-
19.	Rutting and moisture damage evaluation of warm mix asphalt incorporating POFA modified bitumen	International Journal of Engineering and Advanced Technology	2249-8958	9	1	90-98	2019	-	Article	Scopus Article/Journal	-
20.	Visco-elastic characteristic of bitumen incorporating nano silica	Jurnal Teknologi	2277-3878	7	6	45-49	2019	-	Article	Scopus Article/Journal	-
21.	Workability and rheological properties of eva-	Jurnal Teknologi	0127-9696	80	4	117-124	2018	-	Article	ISI Article/ Journal	-

	modified bitumen compared with PG 76 binder										
22.	Effects of Titanate Coupling Agent on Engineering Properties of Asphalt Binders and Mixtures Incorporating LLDPE-CaCO ₃ Pellet	Applied Sciences-Basel	2076-3417	8	7	1029	2018	2.679	Article	ISI Article/Journal	Q2
23.	Mechanical performance of asphalt mixture containing nano-charcoal coconut shell ash.	Construction and Building Materials	0950-0618	173	-	40-48	2018	6.141	Article	ISI Article/Journal	Q1
24.	Assessment framework for pavement material and technology elements in green highway index	Journal Of Cleaner Production	0959-6526	174	-	1240-1246	2018	9.297	Article	ISI Article/Journal	Q1
25.	The effect of incorporating reclaimed asphalt pavement on the performance of hot mix asphalt mixtures	Jurnal Teknologi-sciences & Engineering	2180-3722	77	32	-	2015	-	Article	Scopus Article/Journal	-
26.	Thin cold-mix stone mastic asphalt pavement overlay for roads and highways	Materials Research Innovations	1432-8917	18	S6	303-306	2014	0.83	Article	ISI Article/Journal	Q4

27.	Effect of bio-oil from empty fruit bunch on penetration index of asphalt binder	Jurnal Teknologisciences & Engineering	2180-3722	77	23	-	2015	-	Article	Scopus Article/Journal	-
28.	Effect of styrene-butadiene on rheological properties of asphalt emulsion	Jurnal Teknologisciences & Engineering	2180-3722	77	23	-	2015	-	Article	Scopus Article/Journal	-
29.	Evaluation on the performance of aged asphalt binder and mixture under various aging methods	Jurnal Teknologisciences & Engineering	2180-3722	77	23	-	2015	-	Article	Scopus Article/Journal	-
30.	A review of performance asphalt mixtures using bio-binder as alternative binder	Jurnal Teknologisciences & Engineering	2180-3722	77	23	-	2015	-	Article	Scopus Article/Journal	-
31.	The effect of lift thickness on permeability and the time available for compaction of hot mix asphalt pavement under tropical climate condition	Construction And Building Materials	0950-0618	48	-	315-324	2013	6.141	Article	ISI Article/ Journal	Q1

NO.	TYPE	TITLE	YEAR	AUTHOR
	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 k. SELECTED REVIEW PAPER			
	a. INDEXED PROCEEDINGS/CONFERENCE			
1.	WEB OF SCIENCE	A review on the usage of waste engine oil with aged asphalt as a rejuvenating agent.	2021	Al-Saffar, Z. H., Yaacob, H., Satar, M. K. I. M. , Kamarudin, S. N. N., Mahmud, M. Z. H., Ismail, C. R., ... & Mashros, N.
2.	WEB OF SCIENCE	Rejuvenation of Hot Mix Asphalt Incorporating High RAP Content: Issues to Consider	2020	Hussein, Z. H., Yaacob, H., Idham, M. K. , Abdulrahman, S., Choy, L. J., & Jaya, R. P
3.	WEB OF SCIENCE	Restoration of aged bitumen properties using maltenes.	2020	Hussein, Z. H., Yaacob, H., Idham, M. K. , Hassan, N. A., Choy, L. J., & Jaya, R. P.
4.	WEB OF SCIENCE	Review on the method for carbon footprint calculation of highway development	2019	Wahid, C. M. F. H. C., Ramli, M. R., Aminudin, E., Noor, Z. Z., Neardey, M., Zakaria, R., Satar, M. K. I. M. , Warid, M. N., M., ... & Sa'ar, C. C.
5.	WEB OF SCIENCE	Evaluation of Skid Resistance Performance Using British Pendulum and Grip Tester	2019	Zaid, N. B. M., Hainin, M. R., Idham, M. K. , Warid, M. N. M., & Naqibah, S. N.
6.	WEB OF SCIENCE	Characterization of industrial by-products as asphalt paving material	2019	Jattak, Z. A., Hassan, N. A., Shukry, N. A. M., Satar, M. K. I. M. , Warid, M. N.

				M., Nor, H. M., & Yunus, N. Z. M.
7.	WEB OF SCIENCE	Evaluation of vehicle overloading along Muar-Melaka road	2019	Marwan, H., Hainin, M. R., Warid, M. N. M., Idham, M. K. , & Naqibah, S. N.
8.	WEB OF SCIENCE	Properties of dense-graded asphalt mixture compacted at different temperatures	2019	Ismail, S., Hassan, N. A., Yaacob, H., Hainin, M. R., Ismail, C. R., Mohamed, A., & Satar, M. K. I. M.
9.	WEB OF SCIENCE	Relationship between rutting, roughness and resilient modulus of flexible expressway pavement	2019	Noor, Z. A. M., Hainin, M. R., Idham, M. K. , Warid, M. N. M., & Naqibah, S. N.
10.	WEB OF SCIENCE	Investigation on road damage due to vehicle overloading of high volume Ipoh state road	2019	Selamat, N. A., Hainin, M. R., Warid, M. N. M., Idham, M. K. , & Naqibah, S. N.
11.	WEB OF SCIENCE	Influence of pavement condition towards accident number on Malaysian highway.	2019	Baskara, S. N., Yaacob, H., Hainin, M. R., Hassan, S. A., Mashros, N., Yunus, N. Z. M., Hassan, N. A., Warid, M. N. M., Idham, M. K. , ... & Jaya, R. P.
12.	WEB OF SCIENCE	Strength behaviour of kaolin treated by demolished concrete materials.	2019	Yunus, N. Z. M., Ayub, A., Wahid, M. A., Satar, M. K. I. M. , Abudllah, R. A., Yaacob, H., ... & Hezmi, M. A.
13.	WEB OF SCIENCE	Correlation between functional and structural properties of flexible pavement.	2019	Barudin, N. M., Yaacob, H., Hassan, N. A., Warid, M. N. M., Idham, M. K. , Ismail, C. R., ... & Jaya, R. P.
14.	WEB OF SCIENCE	Effect of compaction temperature on the performance of dense-graded asphalt mixture	2019	Rahmat, N. A., Hassan, N. A., Jaya, R. P., Satar, M.

				K. I. M. , Azahar, N. M., Ismail, S., & Hainin, M. R.
15.	WEB OF SCIENCE	Cup lump modified asphalt mixture along jalan Kuala Lumpur-Kuantan, daerah Temerloh, Pahang	2018	Othman, Z., Hainin, M. R., Warid, M. N. M., Idham, M. K. , & Kamarudin, S. N. N.
16.	WEB OF SCIENCE	Stabilizing Asphalt Concrete Using Kenaf Fibers	2018	Mughal, M. A., Hainin, M. R., Jaya, R. P., Yunus, M. F., Rahman, M. D., Idham, M. K. , & Warid, M. N. M.
17.	WEB OF SCIENCE	Effects of Kaolin Clay on the Mechanical Properties of Asphaltic Concrete AC14	2018	Abdullah, M. E., Ramadhansyah, P. J., Rafsanjani, M. H., Norhidayah, A. H., Yaacob, H., Hainin, M. R., Warid, M. N. M., Satar, M. K. I. M. ,... & Mashros, N.
18.	WEB OF SCIENCE	Performance of Hot Mix Asphalt Mixture Incorporating Kenaf Fibre	2018	Hainin, M. R., Idham, M. K. , Yaro, N. S. A., Hussein, S. O. A. E., Warid, M. N. M., Mohamed, A., ... & Ramadhansyah, P. J.
19.	WEB OF SCIENCE	Effect of fast pyrolysis bio-oil from palm oil empty fruit bunch on bitumen properties	2018	Poh, C. C., Hassan, N. A., Raman, N. A. A., Shukry, N. A. M., Warid, M. N. M., Satar, M. K. I. M. , ... & Mashros, N.
20.	WEB OF SCIENCE	Effect of different sizes of palm oil fuel ash (POFA) towards physical properties of modified bitumen.	2018	Zulkefli, R. R., Yaacob, H., Jaya, R. P., Warid, M. N. M., Hassan, N., Hainin, M. R., & Idham, M. K.
21.	WEB OF SCIENCE	Marshall stability properties of asphalt mixture incorporating black rice husk ash.	2018	Jaya, R. P., Hainin, M. R., Hassan, N. A., Yaacob, H., Satar, M. K. I. M. , Warid, M. N. M., ... & Ramli, N. I.

22.	WEB OF SCIENCE	Creep stiffness and voids characteristic of asphalt mixture with waste cooking oil after aging.	2018	Lopa, R. S., Jaya, R. P., Mashros, N., Hassan, N. A., Yaacob, H., Hainin, M. R., Warid, M. N. M., Satar, M. K. I. M. , ... & Ramli, N. I.
23.	WEB OF SCIENCE	Sintering Of Alumina-AlN System for Heat Sink	2014	Nor, N. H. M., Ismail, M. H., Abu Kasim, N. A., Teng, W. D., & Idham, M. K.
24.	WEB OF SCIENCE	Effect of Aging on Resilient Modulus of Hot Mix Asphalt Mixtures	2013	Idham, M. K. , Hainin, M. R., Yaacob, H., Warid, M. N. M., Abdullah, M. E.
25.	WEB OF SCIENCE	Rheological Properties of Asphalt Binder Modified with Chemical Warm Asphalt Additive	2013	Abdullah, M. E., Zamhari, K. A., Shamshudin, M. K., Hainin, M. R., Satar, M. K. I. M.
26.	SCOPUS	Durability of POFA-modified dense-graded cold mix asphalt	2022	Usman, K. R., Hainin, M. R., Satar, M. K. I. M. , Warid, M. N. M., Bilema, M. A., Usman, A., & Zulfiqar, A. J.
27.	SCOPUS	The Influence of Coal Fly Ash on the Mechanical Properties of Hot Mix Asphalt Mixture	2022	Radwan, A. A. M., Satar, M. K. I. M. , Hassan, N. A., & Rogo, K. U.
28.	SCOPUS	Application of Alternative Filler in Asphalt Mixture: An Overview from Indonesia Perspective	2022	Maha, M. R. A., Idham, M. K. , Hainin, M. R., Naqibah, S. N., & Amirah, N. A.
29.	SCOPUS	Rheological Properties of Modified Binder Incorporating Coconut Char	2022	Mamat, R., Hainin, M. R., Hassan, N. A., Satar, M. K. I. M. , Warid, M. N. M., & Rahman, N. A. A.
30.	SCOPUS	Effects of Moisture Damage Sensitivity of Asphalt Mixtures Incorporating Treated Plastic as Additive	2022	Kamarudin, S. N. N., Hainin, M. R., Warid, M. N. M., Satar, M. K. I. M. , Raman, N. A. A., & Rogo, K. U.

31.	SCOPUS	Chemical Properties of Modified Bitumen Incorporating Coconut Char	2022	Mamat, R., Hainin, M. R., Hassan, N. A., Warid, M. N. M., Satar, M. K. I. M. , & Rahman, N. A. A.
32.	SCOPUS	Performance-Based Design for Binary-Blended Filler Application in Dense-Graded Cold Mix Asphalt	2022	Usman, K. R., Hainin, M. R., Satar, M. K. I. M. , Warid, M. N. M., Adamu, I. A., & Radwan, A. A. M.
33.	SCOPUS	The Influence of PelletRAP™ Rejuvenator on the Mechanical Properties of Reclaimed Asphalt Pavement	2021	Al-Saffar, Z. H., Yaacob, H., Satar, M. K. I. M. , Rull, N. S., Jaya, R. P., Mohamed, A., ... & Warid, M. N. M.
34.	SCOPUS	Determining Fracture Energy in Asphalt Mixture: A Review	2021	Radeef, H. R., Hassan, N. A., Abidin, A. Z., Mahmud, M. Z. H., Satar, M. K. I. M. , Warid, M. M., & Al Saffar, Z. H.
35.	SCOPUS	Evaluating the Performance of Reclaimed Asphalt Pavement Incorporating PelletRAP as a Rejuvenator	2021	Al-Saffar, Z. H., Yaacob, H., Satar, M. K. I. M. , Usak, S. M., Jaya, R. P., Hassan, N. A., ... & Warid, M. N. M.
36.	SCOPUS	The usage of treated plastic as additive to improve the asphalt mixture's performance by using dry mix method	2021	Kamarudin, S. N. N., Hainin, M. R., Warid, M. N. M., Satar, M. K. I. M. , & Jaya, R. P.
37.	SCOPUS	Modified Marshall Test assessment for emulsified asphalt cold mixes	2020	Usman, K. R., Hainin, M. R., Satar, M. K. I. M. , Warid, M. N. M., & Abdulrahman, S.
38.	SCOPUS	Review on the potentials of natural rubber in bitumen modification	2020	Abdulrahman, S., Hainin, M. R., Satar, M. K. I. M. , Hassan, N. A., & Al Saffar, Z. H.

39.	SCOPUS	Rheological criteria assessment of a rapid setting emulsion as compared to quick set for emulsified asphalt cold mixes	2020	Abdulrahman, S., Hainin, M. R., Satar, M. K. I. M. , Hassan, N. A., & Al Saffar, Z. H.
40.	SCOPUS	Nanoparticle in Asphalt Binder: A State-of-The-Art Review	2020	Ramadhansyah, P. J., Masri, K. A., Norhidayah, A. H., Hainin, M. R., Naquiddin, M. M., Haryati, Y., Satar, M. K. I. M. & Juraidah, A.
41.	SCOPUS	Short Term Aging Effect of Asphaltic Concrete Incorporating Charcoal Ash from Coconut Shell	2020	Ramadhansyah, P. J., Masri, K. A., Awang, H., Satar, M. K. I. M. , Hainin, M. R., Norhidayah, A. H., Mohd Warid, M. N., ... & Juraidah, A.
42.	SCOPUS	Strength and Porosity of Porous Concrete Pavement Containing Nano Black Rice Husk Ash	2020	Ramadhansyah, P. J., Masri, K. A., Mangi, S. A., Yusak, M. M., Mashros, N., Warid, M. M., Satar, M. K. I. M. & Haziman, W. M.
43.	SCOPUS	An Investigation on Urban Circle Rail Transit: A Case Study on the Alignment of Mass Rapid Transit 3 (Circle Line)	2020	Mohamed, A. A., Wei, E. J., Ramadhansyah, P. J., Farooqi, M. A., Satar, M. K. I. M. , & Mashros, N.
44.	SCOPUS	Waste Cooking Oil as Bio Asphalt Binder: A Critical Review	2020	Ramadhansyah, P. J., Masri, K. A., Azahar, W. W., Mashros, N., Norhidayah, A. H., Warid, M. M., Satar, M. K. I. M. & Yaacob, H.
45.	SCOPUS	Repeatability of reclaimed asphalt pavement as related to properties of bitumen.	2019	Idham, M. K. , Hainin, M. R., Yaacob, H., Warid, M. N. M., Puan, O. C.,

				Hassan, N. A., ... & Mudiyono, R.
46.	SCOPUS	Experimental investigation of flexural behaviour of U-shaped concrete subgrade panel	2019	Kamarudin, N. A. S., Mohamed, A., Nor, H. M., Hainin, M. R., Khalid, N. H. A., & Satar, M. K. I. M.
47.	SCOPUS	Effects of Nano-kaolin clay on the rutting resistance of asphalt binder.	2019	Jaya, R. P., Che'mat, N., Hassan, N. A., Mashros, N., Yaacob, H., Hainin, M. R., Satar, M. K. I. M. & Ali, M. I.
48.	SCOPUS	Carbon footprints calculator of highway pavement rehabilitation: The quantification of carbon emissions per unit activity	2019	Wahid, C. M. F. H. C., Aminudin, E., Abd Majid, M. Z., Hainin, M. R., Satar, M. K. I. M. , Warid, M. N. M., ... & Ahmad, N. F.
49.	SCOPUS	Permeability coefficient of porous asphalt mixture containing coconut shells and fibres	2019	Norhidayah, A. H., Haryati, Y., Nordiana, M., Idham, M. K. , Juraidah, A., & Ramadhansyah, P. J.
50.	SCOPUS	Porosity and permeability properties of Nano black rice hush ash in porous concrete pavement	2019	Hainin, M. R., Ibrahim, M. M., Idham, M. K. , Nordiana, M., Ramadhansyah, P. J., Idris, A. M., ... & Fadzli, M. N.
51.	SCOPUS	Parameters affecting fluctuation in traffic stream on urban roads	2019	Al-Bahr, T. M., Puan, O. C., Hassan, S. A., Idham, M. K. , & Ismail, C. R.
52.	SCOPUS	Physical properties of warm cup lump modified bitumen.	2019	Abdulrahman, S., Hainin, M.R., Idham, M.K. , Hassan, N.A., Warid, M.N.M., Yaacob, H., Azman, M. and Puan, O.C.

53.	SCOPUS	Performance of rutting, stripping and cracking of warm mix asphalt	2019	Naqibah, S. N., Hainin, M. R., Idham, M. K. , Warid, M. N. M., Hassan, N. A., Mohamed, A., ... & Ismail, C. R.
54.	SCOPUS	Effect of different rejuvenating agents on the mechanical performance of recycled bituminous mixture.	2019	Idham, M.K. , Jeffry, S.N.A., Hainin, M.R., Yaacob, H., Hassan, N.A., Warid, M.N.M., Mohamed, A. and Yunus, N.Z.M.
55.	SCOPUS	Performance evaluation of asphalt micro surfacing - A review	2019	Usman, K. R., Hainin, M. R., Idham, M. K. , Warid, M. N. M., Yaacob, H., Hassan, N. A., ... & Puan, O. C.
56.	SCOPUS	Reversible moisture damage in asphalt mixture.	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. and Yunus, N.Z.M.
57.	SCOPUS	Transportation mode choice binary logit model: A case study for Johor Bahru city	2019	Puan, O. C., Hassan, Y. A. H., Mashros, N., Idham, M. K. , Hassan, N. A., Warid, M. N. M., & Hainin, M. R.
58.	SCOPUS	Effects of u-shaped subgrade concrete panel on subgrade deformation.	2019	Kamarudin, N.A.S., Mohamed, A., Nor, H.M., Khalid, N.H.A., Sam, A.R.M., Hainin, M.R., Yaacob, H., Idham, M.K. and Hassan, S.A.
59.	SCOPUS	Properties of bitumen modified with latex	2019	Daniel, N. H., Hassan, N. A., Idham, M. K. , Jaya, R.

				P., Hainin, M. R., Ismail, C. R., ... & Azahar, N. M.
60.	SCOPUS	Modification of emulsified bitumen using Styrene-Butadiene Rubber (SBR).	2019	Jin, T.H., Warid, M.N.M., Idham, M.K. , Hainin, M.R., Yaacob, H., Hassan, N.A., Ismail, C.R. and Afiqah, R.N.
61.	SCOPUS	Drivers behaviour on expressways: Headway and speed relationships	2019	Puan, O. C., Mohamed, A., Idham, M. K. , Ismail, C. R., Hainin, M. R., Ahmad, M. S. A., & Mokhtar, A.
62.	SCOPUS	Field performance of asphalt pavement maintenance using Cup Lump Rubber Modified Asphalt (CMA).	2019	Razali, R., Hainin, M.R., Hassan, N.A., Idham, M.K. , Warid, M.N.M., Yaacob, H., Mohamed, A. and Ismail, C.R.
63.	SCOPUS	Effect of Black Rice Husk Ash on Asphaltic Concrete Properties under Aging Condition.	2018	Jaya, R. P., Satar, M. K. I. M. , Abdullah, N. A., Hainin, M. R., Hassan, N. A., Yaacob, H., ... & Ramli, N. I.
64.	SCOPUS	Comparison of Performance between Hot and Warm Mix Asphalt as Related to Compaction Design	2018	Kamarudin, S. N. N., Hainin, M. R., Satar, M. K. I. M. , & bin Mohd Warid, M. N.
65.	SCOPUS	Effect of Chemical Warm Asphalt Additive on the Rutting Characteristic of Aged Binder Containing Waste Engine Oil	2018	Kamaruddin, N. H. M., Hainin, M. R., Hassan, N. A., Abdullah, M. E., Idham, M. K. , & Raman, N. A. A.
66.	SCOPUS	Effect of grinding period on physical properties of modified bitumen using palm oil fuel ash (POFA)	2018	Sukaimi, A. M. M., Zulkefli, R. N. A. R., Yaacob, H., Jaya, R. P., Hassan, N. A., Warid, M. N. M., & Satar, M. K. I. M.

67.	SCOPUS	Performance of Kaolin Clay on Hot-mix Asphalt Properties	2018	Satar, M. K. I. M. , Jaya, R. P., Rafsanjani, M. H., CheMat, N., Hainin, M. R., Aziz, M. M., ... & Jayanti, D. S.
68.	SCOPUS	Effect of different sizes of palm oil fuel ash (POFA) towards physical properties of modified bitumen	2018	Zulkefli, R. R., Yaacob, H., Jaya, R. P., Warid, M. N. M., Hassan, N., Hainin, M. R., & Idham, M. K.
	b. NON- INDEXED PROCEEDINGS/CONFERENCE			
1.	-			
	c. SEMINARS/WORKSHOPS			
1.	-			
	d. THESIS			
1.	THESIS	Repeatability of reclaimed asphalt pavement, Phd Thesis, Universiti Teknologi Malaysia, Malaysia	2016	Mohd Khairul Idham Mohd Satar
	e. ORIGINAL BOOK			
1.	-			
	f. EDITED BOOK			
1.	UTM	Highway Engineering	2015-2017	Mohd Khairul Idham Mohd Satar
2.	IOP Conference Series: Materials Science and Engineering	11th International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (ICHITRA) 2019	2019	<i>Haryati Yaacob, Nor Zurairahetty Mohd Yunus,</i> Mohd Khairul Idham Mohd Satar , Muhammad Azril Hezmi, Nadiah Jamaludin, Mohamad Hafeezi Abdullah, Qurratu Aini Sirat, Noor Iman Safiya Mohd Muhtar,

				Norfazira Mohd Azahar, Siti Nur Naqibah Kamarudin, Mohd Zul Hanif Mahmud
	g. BOOK CHAPTER			
1.	ACADEMIC AND PROFESIONAL MAGAZINE	Effect of different sizes of palm oil fuel ash (pofa) towards physical properties of modified bitumen	2017	Nor Zurairahetty Mohd Yunus, Haryati Yaacob, Mohd Khairul Idham Mohd Satar , Mohd Rosli Hainin
2.	LIBAT SAMA KOMUNITI UNTUK KESEJAHTERAAN MASYARAKAT (PENERBIT UTM PRESS)	Penilaian rekabentuk turapan jalan luar bandar	2021	Mohd Rosli Hainin, Mohd Khairul Idham Mohd Satar , Muhammad Naquiddin Mohd Warid, Siti Nur Naqibah Kamarudin
	h. CLASSIFY / TECHNICAL			
1.	UTM DAN PAJ	Penyediaan pangkalan data dan pengurusan kemudahan ruang parkir di pusat bandar Johor Bahru, Batu Pahat dan Muar	2017	Azman Mohamed, Othman Che Puan, Hasanan Md Nor, Mohd Rosli Hainin, Che Ros Ismail, Norhidayah Abdul Hassan, Haryati Yaacob, Nordiana Mashros, Sitti Asmah Hassan, Mohd Khairul Idham Mohd Satar , Muhammad Naquiddin Mohd Warid, Ramadhansyah Putra Jaya, Md. Maniruzzaman A.Aziz
2.	UTM DAN IISJ	Penilaian semula rekebentuk turapan jalan luar bandar	2017	Azman Mohamed, Othman Che Puan, Hasanan Md Nor, Mohd Rosli Hainin, Che Ros Ismail, Norhidayah Abdul Hassan, Haryati Yaacob, Nordiana

				<p>Mashros, Sitti Asmah Hassan, Mohd Khairul Idham Mohd Satar, Muhammad Naqiuddin Mohd Warid, Ramadhansyah Putra Jaya, Md. Maniruzzaman A.Aziz</p>
3.	UTM DAN PAJ	Impak kenderaan perdagangan terhadap aliran lalu lintas di atas jalan utama di daerah Johor Bahru dan Kulai	2017	<p>Azman Mohamed, Othman Che Puan, Hasanan Md Nor, Mohd Rosli Hainin, Che Ros Ismail, Norhidayah Abdul Hassan, Haryati Yaacob, Nordiana Mashros, Sitti Asmah Hassan, Mohd Khairul Idham Mohd Satar, Muhammad Naqiuddin Mohd Warid, Ramadhansyah Putra Jaya, Md. Maniruzzaman A.Aziz</p>
4.	UTM DAN PAJ	Penilaian fasiliti terminal pengangkutan awam Larkin Sentral dan JB Sentral	2017	<p>Azman Mohamed, Othman Che Puan, Hasanan Md Nor, Mohd Rosli Hainin, Che Ros Ismail, Norhidayah Abdul Hassan, Haryati Yaacob, Nordiana Mashros, Sitti Asmah Hassan, Mohd Khairul Idham Mohd Satar, Muhammad Naqiuddin bin Mohd Warid, Ramadhansyah Putra Jaya, Md. Maniruzzaman A.Aziz</p>

	i. EXPERT REPORT			
1.	-			
	j. POLICY PAPER			
1.	-			

NO	NAME OF JOURNAL	ROLE	STARTING DATE	ENDING DATE
	k. SELECTED REVIEW PAPER			
1.	6th International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2021)	Reviewer	15/11/2021	16/11/2021
2.	2nd International Professional Doctorate And Postgraduate Symposium (iPDOCs 2021)	Reviewer	25/9/2021	25/9/2021
3.	Malaysian Construction Research Journal (Special Issue)	Reviewer	7/7/2021	17/7/2021
4.	Construction Journal	Reviewer	16/4/2021	16/4/2021
5.	Journal Of Construction And Building Materials	Reviewer (index journal ISI – Q1)	11/3/2021	16/8/2021
6.	6th Proceeding Of Civil Engineering	Reviewer	1/1/2021	31/12/2021
7.	Advances In Civil Engineering – 3 Papers	Reviewer (index journal ISI)	3/12/2019	25/12/2019
8.	Petroleum Science & Technology	Reviewer (index journal ISI)	25/10/2019	15/11/2019
9.	International Conference on Civil and Environmental Engineering for Sustainability (IConCEES 2019) – 2 Papers	Reviewer (Scopus)	15/10/2019	16/11/2019
10.	Iranian Journal Of Science And Technology, Transactions Of Civil Engineering	Reviewer (index journal ISI)	12/5/2019	17/6/2019
11.	Journal Of Transport System Engineering	Reviewer (index journal non-ISI)	8/5/2019	24/7/2019
12.	11th International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (ICHITRA) 2019	Reviewer	30/12/2018	12/1/2019

13.	Jurnal Kejuruteraan - UKM	Reviewer (index journal non-ISI)	5/10/2018	1/11/2018
14.	Jurnal Teknologi	Reviewer (Scopus Journal)	1/10/2018	21/10/2018
15.	International Conference on Sustainable Infrastructure Engineering	Reviewer	13/9/2018	27/9/2018
16.	12th International Civil Engineering Post Graduate Conference and 3rd International Symposium on Expertise of Engineering Design (SEPKA-ISEED 2018) – 4 Papers	Reviewer	27/8/2018	28/8/2018
17.	Journal of Engineering Science & Technology	Reviewer (index journal non-ISI)	23/8/2018	22/9/2018
18.	International Conference on Civil & Environmental Engineering 2018 (ICCEE 2018)	Reviewer	15/5/2018	28/5/2018
19.	International Journal of Pavement Research and Technology	Reviewer	7/5/2018	2/6/2018
20.	Civil Engineering Meta-Profile (Tuning Asia-South East Project)	Reviewer	24/1/2018	24/1/2018
21.	International Conference on Civil and Environmental Engineering for Sustainability (IConCEES)	Reviewer (index journal non-ISI)	30/10/2017	13/11/2017
22.	The 10th International Conference on Geotechnical and Transportation Engineering (GEOTROPIKA 2016) – 6 papers	Reviewer (Scopus)	26/12/2016	30/12/2016

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

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1.	Presenter	International Forum On Integrated Infrastructure Development (INFINID 2021) – 2 Papers	21/9/2021 – 22/9/2021	UTM (Online)
2.	Chairperson	International Forum On Integrated Infrastructure Development (INFINID 2021)	21/9/2021 – 22/9/2021	UTM (Online)
3.	Chairperson	11th International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (ICHITRA) 2019	27 – 28/2/2019	The Royal Widad Residence, Kuala Lumpur
4.	Presenter	11th International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) and 1st International Conference on Highway and Transportation Engineering (ICHITRA) 2019	27 – 28/2/2019	The Royal Widad Residence, Kuala Lumpur
5.	Oral Poster Presenter	Malaysia Road Conference	29/10/2018 – 31/10/2018	Sunway Convention Centre, Petaling Jaya
6.	Presenter	The 12th International Civil Engineering Post Graduate Conference (SEPKA) & The 3rd International Symposium on Expertise of Engineering Design (ISEED) – 2 Papers	27/8/2018 – 28/8/2018	Le Grandeur Palm Resort, Senai
7.	Oral Poster Presenter	19th Industrial Art and Technology Exhibition (INATEX) 2017	21/11/2017 – 23/11/2017	Dewan Sultan Iskandar, UTM
8.	Presenter	International Conference On Construction And Building Engineering (ICONBUILD 2017)	14/8/2017 – 17/8/2017	Palembang, Indonesia
9.	Presenter	The 3rd International Conference on Constructions and Building Engineering 2017	14/8/2017 – 17/8/2017	Palembang, Indonesia

10.	Oral Poster Presenter	10th Global Congress and Conferment Ceremony	16/7/2017	UTM
11.	Oral Poster Presenter	International Invention, Innovation and Design Johor (IIID Johor)	9/3/2017	Amansari Residence Resort, Johor
12.	Invited Speaker	Program Pemindahan Teknologi (Knowledge Transfer Programme) Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung)	6/2/2017 – 7/2/2017	Mersing, Johor
13.	Invited Speaker	Kursus kompetensi staf makmal	15/11/2015 – 16/11/2015	Makmal pengangkutan, D02, FKA UTM

PROFESSIONAL SERVICES

Consultation and Training

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION	TOTAL INCOME GENERATED (RM)
1.	Invited Speaker	Online Courses On Pavement Quality Control	17/2/2022	Webex Online Platform	
2.	Consultant	Road Material Quality Testing	8/2/2021	UTM	
3.	Consultant	Traffic Study For Pengerang Integrated Complex (Pic) During Operation Stage	9/12/2019 – 8/3/2020	UTM – Pengerang Johor	
4.	Consultant	Potential Use Of Quarry Waste For Road Shoulder Report	1/3/2018 – 28/2/2019	UTM - IDJ	

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1.	Committee	Kelab Keluarga Sekolah Kejuruteraan Awam (KSKA)	1/1/2019 - 31/12/2021	Faculty	UTM
2.	Committee	Program Khidmat Masyarakat Bersama Jkr Mersing: Penilaian Kerosakan Jalan Di Tanjung Resang Mersing	3/4/2019 – 4/4/2019	National	Tanjung Resang Mersing

3.	Committee	Sumbangan Khidmat Masyarakat Dan Kuliah Dhuha	1/1/2018 – 31/12/2021	University	UTM
4.	Committee	Kelab Keluarga FKA	1/1/2018 – 31/12/2018	Faculty	UTM
5.	Fasilitator	Program Khidmat Masyarakat Generasi Mahasiswa Proaktif 2017 (GEMPAK' 17)	31/3/2017 – 8/4/2017	National	Gelang Patah – UTM Johor Bahru – Sungai Sebulong

Endowment and Wakaf to University

NO	NAME OF ENDOWMENT AND WAKAF	TOTAL CONTRIBUTION (RM)
1.	Endowment UTM-CEAD 2019	200.00

Patent Granted and Filing

NO	NAME OF PATENT	STATUS OF PATENT	REMARK
1.	Rejuvenated asphalt binder composition and process for preparing the same	Approved	IP/PT/2019/0898
2.	Asphalt FWB	Approved	IP/PT/2019/0897

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NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT	REMARK
1.	Hydrothermal Liquefaction of Food Waste	Approved	IP/CR/02140
2.	Enhanced dry process method for waste plastic modified asphalt mixture	Approved	IP/CR/02109
3.	Questionnaire on Bus User Perception on COVID-19	Approved	IP/CR/02107
4.	Blending process for cup lump modified asphalt binder	Approved	IP/CR/2019/0228
5.	SKAB Curriculum for bachelors degree of Civil Engineering UTM	Approved	IP/CR/2019/0163
6.	Program Handbook For Master of Engineering Transportation	Approved	IP/CR/2019/0059
7.	Web based Application for Malaysian Green Highway Index	Approved	IP/CR/2018/0706
8.	Studded concrete block paver	Approved	IP/CR/2017/0276
9.	Slide pengajaran dan pembelajaran asphalt modification	Approved	IP/CR/2017/0270
10.	Puffin control logic	Approved	IP/CR/2017/0262
11.	Teaching Material for Introduction to Highway Engineering	Approved	IP/CR/2016/1183
12.	Massive Open Online Courseware MOOCs Questionnaire for Student Survey	Approved	IP/CR/2016/0488

13.	Abstract book 10TH International Geotechnical and Transportation Research Conference	Approved	IP/CR/2016/0245
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