CURRICULUM VITAE

25 June 2026



PERSONAL DETAILS

Name	:	Mohd Rosli Bin Hainin
Gender	:	Male
Date of Birth/Age	:	8 December 1967
Nationality	:	Temerloh, PAHANG
Marital Status	:	Married
Permanent Address	:	No 50, Jalan Kebudayaan 27, Taman Universiti, 81300 Skudai Johor
Tel	:	(Mobile): +6013-7415050
E-mail	:	mrosli@utm.my, roslihainin@gmail.com
Website	:	https://people.utm.my/mrosli
Expertise	:	Civil Engineering- Highway Design, Technology and Materials
H-Index (WOS)	:	33
H-Index (SCOPUS)	:	39
H-Index (G. Scholar)	:	50
H-Index (Researchgate)	:	42

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1.	Ph.D	Civil Engineering (Highway Materials and Construction)	National Center for Asphalt Technology (NCAT), Auburn University, Alabama, USA	2001	2004
2.	M.Sc	Civil Engineering (Highway Engineering)	University of Kansas, Kansas, USA	1994	1996
3.	B.Sc	Civil Engineering	Clemson University, South Carolina, USA	1987	1990
4.	AAD	Science	Indiana University, KPP/USA	1985	1987
5.	SPM	Science	Sekolah Menengah (A) Persekutuan (SMAP), Labu, Negeri Sembilan	1983	1984
6.	SRP	-	Sekolah Menengah (A) Al Khairiah, Temerloh Pahang	1980	1982

AWARD AND HONORS RECEIVED

Summary	
International Awards/Honors	30
National Awards/Honors	7
University Awards/Honors	21

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1	UTM Graduate Employability Award 2023	UTM	Member	2024
2	Active Blended Learning Course	UTM	Member	2024
3	Best Laboratory Exhibition	Faculty	Member	2024
4	Best Research Group	Faculty	Member	2024
5	Silver (Sustain) – Self-Healing Polymer - FKAAB Innovation Week (InNow) 2024	International	Member	2024
6	Best of The Best (Sustain) – RubberPlasphalt - FKAAB Innovation Week (InNow) 2024	International	Member	2024
7	Best of The Best Award at Seoul International Invention Fair, SIIF 2023	International	Member	2023
8	Silver Award at Seoul International Invention Fair, SIIF 2023	International	Member	2023
9	Special Award King Abdul Aziz University at Seoul International Invention Fair, SIIF 2023	International	Member	2023
10	Best Paper Sustainable & Integrated Engineering International Conference UTM	International	SV	2022
11	Bronza Medal Award TCR-TP Asphalt 23rd Industrial Ard and Technology Exhibition (INATEX) 2021	UTM	Member	2022
12	Anugerah Penerbitan (Anugerah Penulis Dalam Jurnal Berindeks 2021) Majlis Citra Karisma	UTM	Co-Author	2022
13	Anugerah Penerbitan Rencana Terbaik, Universiti Malaysia Pahang (UMP)	UMP	1st Authoe	2021
14	Anugerah Pekerja Cemerlang	UMP	Self	2020
15	Silver Medal Award Carbon Footprint Calculator for Malaysian Green Highway Index 21st Industrial Ard and Technology Exhibition (INATEX) 2019	National	Member	2019
16	Silver Medal Award Web-based Tool for Malaysian Green Highway Index (MyGHI) Malaysian Technology Expo (MTE) 2019	International	Member	2019
17	Best Research Group Award Pavement and Transportation Research Group (PTRG), Faculty of Civil Engineering, UTM	UTM	Head	2018
18	Bronze Medal Award	National		2018

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
	Web-Based Tool for Malaysian Green Highway Index (MyGHI) INATEX 2018, Universiti Teknologi Malaysia (UTM)		Member	
19	Silver Medal Award Waste Engine Oil in Warm Mix Asphalt 10th Malaysian Road Conference 2018 (MRC)	International	Member	2018
20	Silver Medal Award Bio-Asphalt P5-A sustainable binder 10th Malaysian Road Conference 2018 (MRC)	International	Member	2018
21	Silver Medal Award Web-Based Tool for Malaysian Green Highway Index (MyGHI) 10th Malaysian Road Conference 2018 (MRC)	International	Member	2018
22	Outstanding Reviewer for Sustainable Materials and Technologies, ELSEVIER	International	Self	2018
23	Outstanding Reviewer for Pervasive and Mobile Compacting, ELSEVIER	International	Self	2018
24	Outstanding Reviewer for Transportation Geotechnics, ELSEVIER	International	Self	2018
25	Outstanding Reviewer for Journal of King Saudi Univ. Engr and Science, ELSEVIER	International	Self	2018
26	Outstanding Reviewer for Resource Policy, ELSEVIER	International	Self	2018
27	Best Research Group Award Pavement and Transportation Research Group (PTRG), Faculty of Civil Engineering, UTM	UTM	Head	2017
28	Outstanding Reviewer for Journal of Construction and Building Materials, ELSEVIER	International	Self	2017
29	Outstanding Reviewer for Journal of Cleaner Production, ELSEVIER	International	Self	2017
30	Index Journal Award, Citra Karisma UTM	UTM	Self	2017
31	Bronze Medal Award, Bioasphalt P5,19th Industrial Art & Technology Exhibition, INATEX 2017, Universiti Technologi Malaysia (UTM)	National	Hrad	2017
32	Silver Medal Award I-CGPA Innovative Practices in Higher Education Expo, I-PHEX 2016, Centre for Engineering Education	International	Member	2016

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
33	Silver Medal Award Asphalt Mix Produced From Electric Arc Furnace Steel Slag and Copper Mine Tailings 27th International Invention, Innovation & Technology Exhibition 2016 (ITEX)	International	Head	2016
34	Silver Medal Award Sustainable Bitumen From Waste Material 27th International Invention, Innovation & Technology Exhibition 2016 (ITEX)	International	Member	2016
35	Silver Medal Award Seoul International Invention Fair, SIIF 2015 By Korea Invention Promotion Association	International	Member	2015
36	Gold Medal Award 26th International Innovation and Technology Exhibition, ITEX 2015 By Malaysian Invention and Design Society (MINDS)	International	Member	2015
37	Silver Medal Award 17th Industrial Art & Technology Exhibition, INATEX 2015 By Universiti Technologi Malaysia (UTM)	National	Head	2015
38	Silver Medal Award 17th Industrial Art & Technology Exhibition, INATEX 2015 By Universiti Technologi Malaysia (UTM)	National	Member	2015
39	Bronze Medal Award-Integrated Design Project Innovative Practices in Higher Education Expo, I-PHEX 2015 By Centre for Engineering Education	International	Member	2015
40	Media Award Faculty of Civil Engineering (FKA) UTM	UTM	Self	2015
41	Exellence Service Award, Universiti Teknologi Malaysia	UTM	Self	2015
42	54th UTM Professorial Lecture Series (Syarahan Perdana)	UTM	Self	2015
43	Gold Medal Award 9th Malaysian Road Conference & Invention and Innovation Exhibition (MRC-IIE)	International	member	2015
44	Silver Medal Award 9th Malaysian Road Conference & Invention and Innovation Exhibition (MRC-IIE)	International	Member	2015
45	Index Journal Awardat Citra Karisma by Construction Research	UTM	Self	2015

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
	Alliance, UTM			
46	Publication Award at Anugerah Kualiti by Faculty of Civil Engineering, UTM	UTM	Self	2015
47	Gold Medal Award 24th International Innovation and Technology Exhibition, ITEX 2013 By Malaysian Invention and Design Society (MINDS)	International	Member	2013
48	Bronze Medal Award Seoul International Invention Fair 2013 Korea Invention Promotion Association	International	Member	2013
49	Bronze Medal Award International Conference and Exposition on Invention of Institutions of Higher Learning, PECIPTA 2013 Malaysian Ministry of Higher Education	National	Member	2013
50	Best Consultancy Award by Faculty of Civil Engineering, UTM	UTM	Self	2013
51	Best Supervision Award by Faculty of Civil Engineering, UTM	UTM	Self	2012
52	Silver Medal Innovation Award by Universiti Teknologi Mara	National	Head	2011
53	Best Student Paper Award 7th International Conference on Airfield and Road Pavement Technology (ICPT)	International	Head	2011
54	2nd Best Paper at 8th Malaysian Road Conference	International	Head	2010
55	Best National Journal at UTM Citra Karisma Award	UTM	Self	2008
56	Exellence Service Award by Universiti Teknologi Malaysia	UTM	Self	2008
57	Excellence Service Award by Universiti Teknologi Malaysia	UTM	Self	2004
58	Honors in Masters Examination by University of Kansas	International	Self	1996

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1.	Dean	21/06/2025	Present	Universiti Teknologi Malaysia

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
2.	Deputy Vice Chancellor (Academics and International) VU6	01/11/2019	31/10/2022	Universiti Malaysia Pahang
3.	Professor VK6	06/03/2026	Present	Universiti Teknologi Malaysia
4.	Professor VK7	03/01/2013	05/03/2026	Universiti Teknologi Malaysia
5.	Lecturer Part Time Program	01/01/1994	Present	UTM Space
6.	Assoc. Professor	30/08/2007	02/01/2013	Universiti Teknologi Malaysia
7.	Senior Lecturer	27/12/2005	29/08/2007	Universiti Teknologi Malaysia
8.	Research Assistant, National Center for Asphalt Technology	May 2001	May 2004	Auburn University, Alabama, USA
9.	Lecturer	01/01/1997	26/12/2005	Universiti Teknologi Malaysia
10.	Teaching and Research Assistant	April 1995	Dec 1996	University of Kansas, Kansas, USA
11.	Assistant Lecturer 'A'	29/12/1990	31/12/1996	Universiti Teknologi Malaysia
12.	Site Engineer	01/08/1990	28/12/1990	Muhibbah Engineering Sdn Bhd

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

Summary	
International Professional Membership / Qualifications / Recognition	1
National Professional Membership / Qualifications / Recognition	12

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1.	Journal of Engineering UKM	National	Editorial Board Member	2019 – Present
2.	The Institution of Engineerings Malaysia (MyIEM)	National	Senior member (115890)	2021 - Present
3.	Siswa Pertahanan Awam (SISPA), UMP, Penolong Pesuruhjaya Kehormat Pahang	National	Komandan	2020 – 2022

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
4.	Malaysian Board of Technologist (MBOT)	National	Professional Technologist (PT17120019)	2017 – Present
5.	Malaysian Board of Technologist (MBOT)	National	Graduate Technologist (GT17120236)	2017 – Present
6.	Road and Airfield Pavement Technology (ICPT)	International	International Executive Committee member	2007 – Present
7.	Road Engineering Association of Malaysia (REAM) Education Fund	National	Committee Member	2017 – Present
8.	Society for Engineering Education of Malaysia (MSEEM) (PO 133)	National	Ordinary Member	2012 -Present
9.	Malaysian Society for Engineering and Technology (MSET) (00569)	National	Ordinary Member	2010 – Present
10.	Transportation Science Society of Malaysia (TSSM)	National	Ordinary Member	2008 – Present
11.	American Association of Asphalt Paving Technologist (AAPT)	National	Ordinary Member	2006 – Present
12.	Road Engineering Association of Malaysia (REAM) (O.1791)	National	Ordinary Member	1997 – Present
13.	Board of Engineers Malaysia (BEM) (19031A)	National	Graduate Engineer	1991 – Present

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1.	Dean	21/06/2025	Present	Universiti Teknologi Malaysia
2.	Deputy Vice Chancellor (Academics and International)	22/11/2019	31/10/2022	Universiti Malaysia Pahang
3.	Board of Director	03/12/2019	31/10/2022	UMP Advance Education Sdn Bhd
4.	Associate Chair (Academics and Student Development), School of	01/07/2018	21/11/2019	Universiti Teknologi Malaysia

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
	Civil Engineering			
5.	Deputy Dean (Academic) Faculty of Civil Engineering	01/02/2015	31/01/2017	Universiti Teknologi Malaysia
6.	Head of Department of Geotechnics and Transportation	01/05/2010	31/01/2015	Universiti Teknologi Malaysia
7.	Head of Pavement and Transportation Research Group	01/11/2017	31/08/2018	Universiti Teknologi Malaysia
8.	Head of Pavement Research Group	01/09/2015	31/10/2017	Universiti Teknologi Malaysia
9.	Accreditation Committee of UTM (JKAU)	01/03/2017	31/01/2019	Universiti Teknologi Malaysia
10.	Chairman for Panel of Book Committee UTM	01/12/2013	30/11/2017	Universiti Teknologi Malaysia
11.	Head of Pavement Research Group	01/09/2009	31/08/2011	Universiti Teknologi Malaysia
12.	Head of Transportation Laboratory	01/05/2005	31/05/2010	Universiti Teknologi Malaysia
13.	Head of Highway Laboratory	01/09/1991	30/09/1994	Universiti Teknologi Malaysia

CONSULTATION WORKS/ EXPERIENCE

1. Laboratory and insitu material testing, design and assessment (soil, aggregate, bitumen and bituminous material) for various highway consultant firms, quarry operators, highway contractors, and government agencies (1991 – 1994, 1997-2001, 2004 - present). Projects registered with Unitechnologies Sdn Bhd Under Vot 431;

Date Start and End	Company	Role	Amount (RM)
1 Jan - 31 Dec 2025	43 various agencies and companies	Head	212098.30
1 Jan - 31 Dec 2024	40 various agencies and companies	Head	205691.40
1 Jan - 31 Dec 2023	44 various agencies and companies	Head	213640.86
1 Jan - 31 Dec 2022	35 various agencies and companies	Head	184,201.03
1 Jan - 31 Dec 2021	33 various agencies and companies	Head	160,518.93
1 Jan - 31 Dec 2020	57 various agencies and companies	Head	227,061.00
1 Jan - 31 Dec 2019	49 various agencies and companies	Head	170,388.90
1 Jan - 31 Dec 2018	59 various agencies and companies	Head	169378.48
1 Jan - 31 Dec 2017	38 various agencies and companies	Head	124974.00
1 Jan - 31 Dec 2016	61 various agencies and companies	Head	211292.06
1 Jan - 31 Dec 2015	43 various agencies and companies	Head	109897.30
1 Jan - 31 Dec 2014	30 various agencies and companies	Head	82315.00
1 Jan - 31 Dec 2013	65 various agencies and companies	Head	203461.25
1 Jan - 31 Dec 2012	78 various agencies and companies	Head	158640.00
1 Jan - 31 Dec 2011	70 various agencies and companies	Head	147833.75
1 Jan - 31 Dec 2010	41 various agencies and companies	Head	114248.00
1 Jan - 31 Dec 2009	51 various agencies and companies	Head	102945.00
1 Jan - 31 Dec 2008	41 various agencies and companies	Head	108094.00
1 Jan - 31 Dec 2007	37 various agencies and companies	Head	80590.00
Total			**2,773628.40**

2. Establishing new guidelines of pavement thickness design standards for Malaysia Toll Expressway System, Malaysian Highway Authority (LLM) (2005 – 2008), Head

3. Evaluation of skidding resistance on PLUS expressway from Ayer Keroh CH 195 to Seremban CH 262 for Selia Group Sdn Bhd. (April – May 2008), Head

4. Evaluation of runway pavement, taxiway and parking bay of Senai Airport for Selia Group (April 2007), Head

5. Material testing and assessment for the construction of student residential area (Perkampungan 6), Universiti Teknologi Malaysia, Johor. (1993 - 1994), Member

6. Kajian Lalu Lintas Jalan Ulu Choh – Pontian for *JKR/Bina Runding Sdn. Bhd*, Kuala Lumpur, 1993, Member

7. Kajian Pengurusan Rancangan Tempatan Taiping for *Taiping Municipal Council*, Taiping, Perak, 1993, Member

8. Traffic Study for the Proposed Pulau Pinang Outer Ring Roads for *JKR/Zath Perunding Sdn. Bhd*, Ipoh, Perak, (September 93 - December 1993), Member

9. Traffic Impact Assessment for 'Cadangan Pembangunan Bandar Baru Majidee, Johore Bahru, 1993, Member

10. Traffic Impact Assessment for Cadangan Membina Pasaraya (Hypermarket) di atas Lot PTD 116058 dan Lot PTD 116059, Mukim Plentong, Daerah Johor Bahru, Johor, for *Tetuan Giant Cash & Carry Sdn Bhd*., 1997.

INTERNATIONAL/NATIONAL/UNIVERSITY COMMITTEE

Summary	
International Commitee	15
National Commitee	11
University Commitee	45
Faculty Commitee	36
Community Commitee	8

International

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	GEOFIESTA 2025 – International Geoengineering Conference 2025	Advisor	2025	2025
2.	GEOCHITRA 2024 – International Conference on Highway and Transportation 2024	Advisor	2024	2024
3.	1st ICHITRA 2019 – International Conference on Highway and Transportation 2019	Chairman	2019	2019
4.	Jurnal Teknologi (Scopus Indexed Journal) – Special Edition (Highway and Transportation Engineering, Part 2)	Chief Editor	2015	2015

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
5.	International Journal of Pavement Research and Technology (Elsevier -Scopus Indexed Journal)	Editorial Board Member	2015	Present
6.	Jurnal Teknologi – WOS-Scopus Index Journal	Editorial Board Member	2015	Present
7.	Journal of Advanced Civil and Environmental Engineering, Indonesia	Editorial Board Member	2017	Present
8.	Jurnal Teknologi – Special Edition (Highway and Transportation Engineering, Part 1)	Chief Editor	2014	2014
9.	International Committee on Pavement Technology (ICPT) 2007-Present	Executive Committee	2007	Present
10	1st Asian Civil, Structural and Transportation (CSTE) Conference	Scientific Committee Member	2014	2014
11	Jurnal Teknologi – Special Edition (Sustainability Issues in Transportation Engineering Part 1)	Editorial Board Member	2013	2013
12	Jurnal Teknologi – Special Edition (Sustainability Issues in Transportation Engineering Part II)	Editorial Board Member	2014	2014
13	Joint conference GEOCON 2013, the 9th International Conference on Geotechnical (GEOTROPIKA 2013) and Transportation Engineering and the 1st International Conference on Construction and Building Engineering	Chairman	28/10/2013	30/10/2013
14	International Conference on Geotechnical (GEOTROPIKA 2008)	Technical Committee Member	2008	2008
15	International Conference on Geotechnical (GEOTROPIKA 1999)	Technical Committee Member	1999	1999
16	International Conference on Geotechnical (GEOTROPIKA 1992)	Technical Committee Member	1992	1992

National

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Member Board of Sudy Program Bachelor of Civil Engineering UPM	Member	01/10/2023	30/09/2026
2.	Examiner Program Master of Civil Engineering UKM	External Examiner	01/12/2024	30/11/2027
3.	Examiner Program Bachelor of Civil Engineering UPNM	External Examiner	30/10/2024	30/10/2027
4.	Examiner Program Bachelor of Civil Engineering UMS	External Examiner	22/08/2024	21/08/2026

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
5.	Examiner Program Master of Civil Engineering UiTM	External Examiner	01/04/2023	31/03/2025
6.	Road Construction in Sarawak (UNIMAS Holding Sdn. Bhd.	Independent Expert Panel: Feasibility Study on The Potential Use of Non-Standard Materials	16/07/2019	15/10/2019
7.	Urusan Kenaikan Pangkat Staf Akademik ke Jawatan Profesor Gred Khas C	Penilai Luar	07/06/2019	2019
8.	Borneo Journal of Science and Technology, 2018 - 2022	Editorial Board Member	2018	2022
9.	Road Engineering Association of Malaysia	Member of Technical Committee on Pavemen	2011	2013
10	Fundamental Research Grant Scheme (FRGS)	Evaluation Panel	2012	2019
11	Guidelines for Malaysia Toll Expressway System- Design Standards, Malaysian Highway Authority	Member of Committee for the Development of 2008	2005	2008
12	Malaysian Journal of Civil Engineering (MJCE)	Editorial Board Member	2006	2010

University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Jawatankuasa Trafik UTM	Ahli Jawatankuasa	01/03/2024	28/02/2026
	Jawatankuasa Akreditasi UTM	Ahli Jawatankuasa	25/10/2023	24/10/2025
2.	Lembaga Perolehan Yayasan UMP	Ahli Jawatankuasa	01/07/2020	31/10/2022
3.	Perakaunan, Kewangan dan Pelaburan (AFIC) UMP Advanced	Ahli Jawatankuasa	15/01/2020	31/10/2022
4.	Perjawatan, Pelantikan dan Perkhidmatan (NRC) UMP Advanced	Ahli Jawatankuasa	15/01/2020	31/10/2022
5.	Keselamatan & Kesihatan Pekerjaan (Wakil Majikan) UMP	Ahli Jawatankuasa	01/01/2020	31/10/2022
6.	Jawatankuasa Kerja Pelaksana (Endowmen Kursi dan Kecemerlangan) Pengurusan Yayasan UMP	Pengerusi	19/12/2019	31/10/2022
7.	Lembaga Pengarah UMP Advanced Education Sdn Bhd	Ahli Jawatankuasa	18/12/2019	31/10/2022

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
8.	Mesyuarat JK Pengurusan Kewangan dan Akaun (JPKA) Universiti, UMP	Ahli Jawatankuasa	01/11/2019	31/10/2022
9.	Majlis Perancangan & Pembangunan Akademik UMP	Pengerusi	01/11/2019	31/10/2022
10.	Majlis Peperiksaan Universiti UMP	Pengerusi	01/11/2019	31/10/2022
11.	Majlis Pembelajaran Sepanjang Hayat UMP	Pengerusi	01/11/2019	31/10/2022
12.	Majlis Pengajian Siswazah Universiti UMP	Pengerusi	01/11/2019	31/10/2022
13.	Teknikal Penilaian Proposal UTMFR 2019/1 Niche Area Innovative Engineering, UTM	Panel Penilai	29/10/2019	2019
14.	Manuskrip: Jom Jadi Jurutera : Panduan untuk Pelajar dan Graduan Kejuruteraan, UTM	Panel Penilai	12/09/2019	2019
15.	Undergraduate Research Conference (URC) 2019, UTM	Panel Penilai	12/05/2019	2019
16.	International Conference of Highway and Transportation Engineering (ICHITRA 2019)	Chairman	27/02/2019	28/02/2019
17.	Jawatankuasa Akademik Fakulti (JKAF), UTM	Committee member	06/09/2018	30/08/2021
18.	UTM-MARA Doctor of Philosophy Programme Committee, UTM	Committee member	09/09/2018	Aug 2020
19.	Anugerah Tokoh Penerbitan, UTM	Panel	30/01/2018	
20.	Accreditation Committee UTM	Committee member	01/03/2017	28/02/2019
21.	Academic Award Committee, Undergraduate Programme UTM	Committee member	24/07/2016	23/07/2018
22.	Jurnal Teknologi (Sciences and Engineering), UTM	Editorial Board	01/07/2016	30/06/2018
23.	Jurnal Teknologi Special Issue : Highway and Transportation Engineering, UTM	Editorial Board	29/03/2016	
24.	Jawatankuaa Biasiswazah Pengajian Siswazah, UTM	Committee member	01/03/2016	31/01/2017

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
25.	Jawatankuasa Akademik Pengajian Siswazah Universiti (JAPSU), UTM	Committee member	01/01/2016	31/12/2017
26.	Prosedur Rekabentuk, Pembangunan & Semakan Kurikulum ISO 9001 : 2008, Faculty of Civil Engineering	Committee member	01/03/2016	2017
27.	Book's Panel, UTM	Chairman	01/12/2015	30/11/2017
28.	Viva Voce, UTM	Consortium member	Sep 2015	Feb 2016
29.	Post Graduate Biasiswazah, UTM	Committee member	01/03/2015	31/01/2017
30.	Buku Karya Asli Awards, UTM	Panel	Mac 2015	Present
31.	Publiction Award, Citra Karisma UTM	Steering Committee	2014	2014
32.	Original Book Award Panel, Citra Karisma UTM	Chairman	2014	2014
33.	Jurnal Teknologi (Scopus Index), UTM	Chief Editor	2014	2014
34.	UTM Book Publication Committee	Chairman	01/12/2013	present
35.	Jurnal Teknologi (Scopus Index) SpecialEdition (Sustainability Issues in Transportation Engineering), UTM	Editorial Board	2013	2013
36.	GEOCON 2013 Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) and International Conference of Innovative ConstructionAnd Buildings (1st ICONBUILD)	Chairman	2012	30/10/2013
37.	Pavement Research Group, Construction Research Alliance, UTM	Head	2010	present
38.	Geotechnics and Transportation Department, Faculty of Civil Engineering, UTM	Head	01/06/2010	31/01/2015
39.	Geotechnics and Transportation Department, Faculty of Civil Engineering, UTM	Acting Head	01/05/2010	31/05/2010

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
40.	Best Book Editor, UTM	Assesor Panel	2008	2009
41.	Infrastructure Field, Cluster of Construction and Infrastructure Technologies	Head	2007	2009
42.	UTM-JKR Collaboration Committee, UTM	Committee member	2007	2008
43.	Best Book, UTM, UTM	Assesor Panel	2005	2009
44.	Book Publication Committee, UTM	Committee member	2004	2012
45.	University's Open Day Exhibition Committee in Conjunction with 15th Convocation, Universiti Teknologi Malaysia	Committee member	1991	1991

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Head of Subject Panel : SKAB 1031, SKAB 1011, SKAA 2012, SKAB 2032, SKAA 3012, SKAA 3045, SKAA 4021, SKAA 4022, SKAA 4034	Head	01/07/2018	31/08/2019
2.	Prosedur Rekabentuk, Pembangunan & Semakan Kurikulum, Jaminan Kualiti, SKA	Committee member	July 2018	Present
3.	Prosedur Rekabentuk, Pembangunan & Semakan Kurikulum ISO 9001 : 2008, Faculty of Civil Engineering	Committee member	01/03/2016	2017
4.	Teaching Award 2015 Task Force, Faculty of Civil Engineering	Chairman	21/02/2015	2015
5.	Academic Advisor Award 2015 Task Force, Faculty of Civil Engineering	Chairman	21/02/2015	2015
6.	Post Graduate Academic Committee, Faculty of Civil Engineering	Committee member	2014	Present
7.	Faculty Award 2013, Faculty of Civil Engineering	Steering Committee	2014	2014
8.	Head of Income Generation Focus Group, Faculty of Civil Engineering	Head	2012	2014

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
9.	MQA, SAR, Post Graduate Documentation, Academic Quality Award Committee, Faculty of Civil Engineering	Committee member	2012	31/01/2017
10.	Faculty Management Committee, Faculty of Civil Engineering	Committee member	2010	31/01/2017
11.	Facility Committee, Faculty of Civil Engineering	Committee member	2009	2010
12.	Laboratory Committee, Faculty of Civil Engineering	Committee member	2009	2010
13.	Marketing Committee, Faculty of Civil Engineering	Committee member	2009	2010
14.	Finance (Technical Assesor) Committee, Faculty of Civil Engineering	Committee member	2009	2010
15.	Curriculum and Syllabus Committee, Faculty of Civil Engineering	Committee member	2008	31/01/2017
16.	Highway Panel, Faculty of Civil Engineering	Head	2008	2010
17.	Malaysian Journal of Civil Eng. Journal Committee, Faculty of Civil Engineering	Committee member	2006	2010
18.	Infrastructure Field, Cluster of Construction and Infrastructure Technologies	Head	2007	2009
19.	Faculty's Annual Report Committee, Faculty of Civil Engineering	Committee member	2005	2005
20.	Transportation Laboratory, Faculty of Civil Engineering	Head	2005	31/05/2010
21.	Faculty's Family Club's Sport Committee, Faculty of Civil Engineering	Committee member	2005	2007
22.	Bridge Design Competition Committee, Faculty of Civil Engineering	Committee member	2005	2005
23.	Faculty's Inter-Staff Sport, Faculty of Civil Engineering	Game Manager	2005	2005
24.	Faculty's Muzakarah Programme, Faculty of Civil Engineering	Deputy Chairman	2005	2005
25.	Safety and Health Committee	Committee member	2005	2010
26.	Short Course in Highway Engineering, Faculty of Civil Engineering	Coordinator	2004	2004

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
27.	Publication Committee, Faculty of Civil Engineering	Committee member	2004	2010
28.	Highway & Traffic Engineering Subject, Faculty of Civil Engineering	Coordinator	2004	2008
29.	Geotechnical Engineering Conference Working Committee, Faculty of Civil Engineering	Committee member	1999	1999
30.	Geotechnical Engineering Conference Working Committee, Faculty of Civil Engineering	Committee member	1997	1997
31.	Short Course for Dept.of Geotech. & Transp., Faculty of Civil Engineering	Coodinator	1997	1997
32.	Faculty's Buku Panduan dan Makmal Committee, Faculty of Civil Engineering	Committee member	1994	1994
33.	Highway Materials Short Course Committee, Faculty of Civil Engineering	Committee member	1993	1993
34.	Regional Conference on Computer Application in Civil Engineering (RCCACE) Committee, Faculty of Civil Engineering	Committee member	1993	1993
35.	Geotechnical Engineering Conference Working Committee, Faculty of Civil Engineering	Committee member	1992	1992
36.	Highway Laboratory, Faculty of Civil Engineering	Head	1991	1994

Community

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1.	President	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2019 – 2020	COMMUNITY	JOHOR
2.	Committee member	Sumbang Bakti Bagi Menjayakan Program CSR Pembinaan Rumah Asnaf Puan Norharyati bt Nor di	2017	COMMUNITY	JOHOR

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
		Skudai Kiri Johor Bahru			
3.	President	Parent and Teacher Association, Sekolah Menengah Sains Sultan Iskandar Mersing	2014 – 2016	COMMUNITY	JOHOR
4.	President	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2013 – 2015	COMMUNITY	JOHOR
5.	Committee member	Parent and Teacher Association, Sekolah Agama UTM Skudai	2012 - 2016	COMMUNITY	JOHOR
6.	Committee member	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2008 – 2009	COMMUNITY	JOHOR
7.	Committee member	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2007 – 2012	COMMUNITY	JOHOR
8.	Vice President,	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2005 – 2007	COMMUNITY	JOHOR

SELECTED ACTIVITIES / WORKSHOPS / SEMINARS / COURSES

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
1	National Seminar in Civil Engineering Seminar (SEPKA), “Effect of Bedding Sand Thickness on Shell Groove Underside Shaped Concrete Block Pavement”	UTM	14 April 2014	15 April 2014
2	National Seminar in Civil Engineering Seminar (SEPKA), “The Effect of Laying Patterns on Underside Shaped Concrete Block Pavement Horizontal Resistance”	UTM	13 Sep 2011	15 Sep 2011
3	National Seminar in Civil Engineering Seminar (SEPKA), “Interaction Between The Underside Shaped Concrete Block And Bedding Sand”	UTM	13 Sep 2011	15 Sep 2011
4	International Symposium on Sustainable Transportation, “Performance of Stone Mastic Asphalt Using POFA as Filler”	UTM	12 Aug 2008	14 Aug 2008

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
5	International Symposium on Sustainable Transportation, "Stripping Resistance of Malaysian Hot Mix Asphalt Using Hydrated Lime as Filler"	UTM	12 Aug 2008	14 Aug 2008
6	International Symposium on Sustainable Transportation, "Volumetric Properties of Malaysian Hot Mix Asphalt Mixtures with Respect to Mix Design System"	UTM	12 Aug 2008	14 Aug 2008
7	International Seminar in Civil Engineering (ISCIE), "Laboratory Investigation on Surface Dressing Embedment"	UiTM	11 June 2008	12 June 2008
8	International Seminar in Civil Engineering (ISCIE), "Evaluation of Superpave Asphaltic Concrete Mixtures Designed Using Local Aggregates of Different Nominal Maximum Sizes"	UiTM	11 June 2008	12 June 2008
9	Symposium on Urban Engineering and Sustainability, Korea Advanced Institute of Science and Technology (KAIST), "Laboratory Evaluation on Moisture Effect of Superpave Designed Asphaltic Concrete Mixtures"	Korea	30 March 2008	1 April 2008
10	National Seminar in Civil Engineering Seminar (SEPKA), "Performance of Asphaltic Concrete as a Composite Slab Component"	UTM	11 Dec 2007	12 Dec 2007
11	National Seminar in Civil Engineering Seminar (SEPKA), "Platoon Dispersion Downstream of Traffic Signal"	UTM	11 Dec 2007	12 Dec 2007
12	National Seminar in Civil Engineering Seminar (SEPKA), "Utilization of Coarse Crumb Rubber to Enhance Hot Mix Asphalt Mixture Properties"	UTM	11 Dec 2007	12 Dec 2007
13	National Seminar in Civil Engineering Seminar (SEPKA), "Evaluation of Properties of Cold in Place Recycling"	UTM	11 Dec 2007	12 Dec 2007
14	National Seminar in Civil Engineering Seminar (SEPKA), "Rutting Potential of Hot Mix Asphalt Pavement in Various Conditions"	UTM	11 Dec 2007	12 Dec 2007
15	National Seminar in Civil Engineering Seminar (SEPKA), "The	UTM	11 Dec 2007	12 Dec 2007

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
	Effects of Temperature on the Resilient Modulus of Flexible Road Pavement"			
16	National Seminar in Civil Engineering Seminar (SEPKA), "Semi Flexible Pavement: An Overview"	UTM	11 Dec 2007	12 Dec 2007
17	Civil Engineering Seminar (SEMKA), "Post Graduate Studies Opportunities at Faculty of Civil Engineering, UTM"	UTM	8 Sep 2007	8 Sep 2007
18	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Development of Highway Accelerated Loading Instrument (HALI) for Concrete Block Pavement"	UTM	19 Dec 2006	20 Dec 2006
19	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Existence of Dilemma Zone at Signalized Junction: Improper Design or a Myth"	UTM	19 Dec 2006	20 Dec 2006
20	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Relationship Between Marshall Stability, Flow and Rutting of the New Malaysia HMA Mixtures"	UTM	19 Dec 2006	20 Dec 2006
21	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Effects of Nominal Maximum Aggregate Size on HMA Properties Using Gyratory Compactor"	UTM	19 Dec 2006	20 Dec 2006
22	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "The Aggregate Degradation Characteristics of Stone Mastic Asphalt (SMA) Mixtures"	UTM	19 Dec 2006	20 Dec 2006
23	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Evaluation on The Properties of Tender Hot Mix Asphalt (HMA) Mixtures"	UTM	19 Dec 2006	20 Dec 2006
24	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Evaluation on the Effects of Compaction Effort on The Stripping Potential of HMA Mixtures"	UTM	19 Dec 2006	20 Dec 2006
25	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), "Comparison Between Superpave Gyratory and Marshall Laboratory Compaction Methods of HMA Mixtures"	UTM	19 Dec 2006	20 Dec 2006

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
26	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), “Evaluation on Aggregate Effective Specific Gravity as Related to Marshall Volumetric Properties”	UTM	19 Dec 2006	20 Dec 2006
27	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), “Analysis of Permeability in Malaysian HMA Mixtures”	UTM	19 Dec 2006	20 Dec 2006
28	Seminar Kebangsaan Penyelidikan Kej. Awam (SEPKA), “Driver’s overtaking behaviour on Single Carriageway Roads”	UTM	19 Dec 2006	20 Dec 2006
29	National Seminar in Civil Engineering Conference (NASCEC), “Evaluation of Laboratory Compactive Effort on Durability of Hot Mix Asphalt Mixture”	UTHM	Dec 2006	Dec 2006
30	National Seminar in Civil Engineering Conference (NASCEC), “Treating Hazardous Locations Along Batu Pahat – Air Hitam Highway”	UTHM	Dec 2006	Dec 2006
31	International Seminar and Exhibition on Road Construction, “Permeability Characteristics of Hot Mix Asphalt Mixtures”	Semarang, Indonesia	2005	2005
32	National Research Seminar in Civil Engineering, “Compaction Studies of Hot Mix Asphalt Mixtures as Related to Permeability”	UTM	2005	2005
33	National Research Seminar in Civil Engineering, “Development of Patching Guidelines for Low Volume Roads”	UTM	2005	2005
34	National Research Seminar in Civil Engineering, “The Effect of Roller Types on Permeability of Hot Mix Asphalt Pavements”	UTM	2004	2004
35	Transportation Research Board Seminar, “Production and Construction Issues for Moisture Sensitivity of Hot Mix Asphalt Pavements.”	California, USA	2003	2003
36	82nd Annual Meeting of the Transportation Research Board, "Evaluation on Factors affecting Permeability of Superpave Pavements”	Washington D.C., USA	2003	2003

NO	NAME OF ACTIVITIES	PLACE OF ACTIVITIES	STARTING DATE	ENDING DATE
37	78th Annual Meeting of the Transportation Research Board, “Effects of Gradation on Performance of Asphalt Mixtures."	Washington D.C., USA	1999	1999
38	National Research Seminar on Construction, Materials and Environmental Technology, "Using Aggregate Impact Value to Predict Other Strength Parameters."	UTM	1999	1999
39	Mid-America Transportation Center Research Seminar, “Effects of Segregation on Mix Properties of Hot Mix asphalt”	Kansas State University, USA	1996	1996
40	Proceeding Research Seminar in Civil Engineering, "Palm Oil as Bitumen Extender and Rejuvenator."	UTM	1992	1992

RESEARCH ACTIVITIES

Summary	
Principal Investigator- International Grants	**0 projects (RM0)**
Principal Investigator- National Grants	**5 projects (RM873,858)**
Principal Investigator- UTM Grants	**11 projects (RM287,963)**
Member- International Grants	**2 projects (RM1,570,000)**
Member- National Grants	**15 projects (RM1,590,300)**
Member- UTM Grants	**26 projects (RM1,622,700)**

As a principal investigator

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Characterisation on Self Healing Properties of Hot Mix Asphalt Containing Nanoclay Particles	Head Researcher	FRGS	FRGS	143,000	01/10/2023	30/09/2026	5F679
2.	Cost Benefit Analysis For Malaysian Green Highway Index	Head Researcher	Others	Others	31,058	01/10/2018	30/09/2020	4B574
3.	Low Carbon Footprint Calculator for Malaysian Green Highway Index	Head Researcher	Others	Others	530,000	01/12/2017	30/09/2019	4B322

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
4.	Carbon Footprint Calculator for Malaysian Green Highway Index (Material)	Head Researcher (LLM)	Others	Others	20,000	01/12/2017	30/09/2019	4B331
5.	Performance Of Rutting, Stripping And Cracking Of Warm Mix Asphalt	Head Researcher	UTM	TIER 1	40,000	01/07/2017	30/06/2019	17H69
6.	Pemindahan Teknologi Kaedah Rekabentuk Turapan Jalan	Head Researcher	UTM	BE	5,000	01/11/2016	28/02/2017	4Y060
7.	Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung)	Head Researcher	UTM	IISJ	39,500	15/07/2016	14/07/2017	15H16
8.	Interaction Mechanism Between Bituminous Mixtures and Kenaf Fibre to Improve Resistance against Rutting and Moisture Damage of Flexible Pavement	Head Researcher	UTM	TIER 1	50,000	15/11/2015	14/11/2017	11H35
9.	Laboratory Evaluation on Using Bio Binder for Hot Mix Asphalt Mixtures	Head Researcher	UTM	TIER 1	40,000	01/04/2014	31/03/2016	06H58
10.	Recyclability of Asphalt Mixtures	Head Researcher	UTM	TIER 2	40,463	01/12/2012	31/12/2013	07J33
11.	Engineering Properties Of Hot Mix Recycling Asphalt Mixtures	Head Researcher	UTM	TIER 2	40,000	01/04/2011	31/10/2012	01J84
12.	Modified Asphalt Cement Using Oil Palm Fruit Ash (Opfash)- The New Binder for Hot Mix Asphalt (HMA)	Head Researcher	UTM	IGRS	10,000	01/02/2009	31/01/2010	3G032
13.	Engineering Properties of Road Construction Materials Stabilized with	Head Researcher	Others	FGRS	149,800	01/01/2007	31/12/2008	3F008

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
	Palm oil Fuel Ash (POFA)							
14.	Evaluation on Fundamental Properties of Hot Mix Asphalt Mixes As Related to Permeability	Head Researcher	UTM	Short Term	15,000	31/12/2000	30/12/2001	75196
15.	Relationships of Materials Properties Pavement Durability	Head Researcher	UTM	Short Term	8,000	30/04/1990	29/04/1991	61635
16.	Penggunaan bahan-bahan minyak kelapa sawit sebagai agen pemulihan asfal terpakai.	Head Researcher	UTM	Short Term	0	30/06/1988	30/12/1989	61341

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.	Cup Lump Modified Cold Mix Asphalt for Road Patching	Researcher	UTM	UTM HIR	11,000	01/01/2020	30/06/2023	09G20
2.	Effect Of Liquefied Food Waste (LFW) As Bio-Binder In Asphalt Mixture	Researcher	UTM	UTMER	30,000	01/11/2019	30/04/2022	17J68
3.	Structural Behaviour of Pavement Patching Work	Researcher	Others	FRGS	66,200	01/09/2019	31/05/2022	5F170
4.	Relationship between physical and chemical behaviour of recovered bitumen incorporating maltene as the rejuvenating agent	Researcher	Others	FRGS	63,000	01/09/2019	31/05/2022	5F175

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
5.	Environmental effects on structural and cooling behavior of hot mix asphalt under compaction	Researcher	Others	FRGS	64,000	01/09/2019	31/05/2022	5F169
6.	Microstructural Behaviour for Reversible Moisture Damage in Flooded Asphalt Mixture	Researcher	Others	FRGS	61,000	01/01/2019	30/09/2021	5F019
7.	Urban Heat Island Effect: Thermal Response Of Conventional And Modified Asphalt Pavements	Researcher	UTM	TIER 1	50,000	01/02/2018	31/01/2020	19H82
8.	Carbon Footprint Calculator For Malaysian Green Highway Index (Sustainable Development And Construction Activities)	Researcher	Others	Others	40,000	01/12/2017	30/09/2019	4B334
9.	Carbon Footprint Calculator for Malaysian Green Highway Index (Construction and Green Highway Initiatives)	Researcher	Others	Others	50,000	01/12/2017	30/09/2020	4B326
10.	Carbon Footprint Calculator for Malaysian Green Highway Index (Energy Efficiency)	Researcher	Others	Others	50,000	01/12/2017	30/09/2020	4B332
11.	Performance of Rejuvanated Recycled Asphalt Mixture	Researcher	UTM	TIER 2	20,000	01/07/2017	30/09/2018	14J09
12.	Prediction On The Remaining Strength Of	Researcher	UTM	TIER 1	32,800	01/07/2017	30/06/2019	17H68

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
	Flooded Asphalt Mixture							
13.	Performance of Waste Cooking Oil as an Alternative Binder for Hot Mix Asphalt	Researcher	UTM	TIER 1	40,000	01/07/2017	30/06/2019	18H05
14.	Driver's Speeding Behaviour on Expressway under Various Environmental and Traffic Conditions	Researcher	UTM	TIER 2	35,000	01/07/2017	31/12/2018	18H29
15.	Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat,Muar, Kulai dan Pasir Gudang	Researcher	Others	Contract Research DTD	460,000	01/01/2017	31/05/2018	4C127
16.	Emperical Modelling of Noise Arising Due to Transverse Rumble Strips Installation	Researcher	Others	FRGS	111,500	01/08/2016	31/01/2020	4F887
17.	Performance of palm oil fuel ash in asphalt emulsion	Researcher	UTM	TIER 1	50,000	01/07/2016	31/08/2018	14H30
18.	Utilization Of Carbon Dioxide (Co2) Emissions From Road Construction Industries To Renewable Energy	Reseacher	UTM	TIER 1	50,000	01/02/2016	19/01/2018	13H00
19.	Modification Of Bitumen Binder For Roads And Highways By Waste Materials	Researcher	UTM	TIER 1	42,250	01/05/2015	31/10/2016	09H94
20.	Web Based Application For Malaysian Green Highway Index	Researcher (LLM)	Others	Others	75,000	01/01/2015	31/12/2016	4B184

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
21.	Effects of Warm Asphalt Additive on Waste Engine Oil Based Recycled Mixture	Researcher	Others	FRGS	80,000	01/07/2014	30/06/2016	4F436
22.	Investigation on Characteristics of Titanium Dioxide Nanoflowers as NewAdditive to Reduce Energy Consumption of Asphalt Mixture Production	Researcher (UTHM)	Others	Networking Grant	130,800	2014	2017	4X023
23.	Effect of Clogging on The Properties of Porous Asphalt	Researcher	UTM	EG	30,000	01/04/2014	30/06/2015	09J89
24.	Traffic Accident Prediction ModelBased on Pavement Condition	Researcher	UTM	TIER 1	50,000	01/04/2014	29/02/2016	06H53
25.	Laboratory Evaluation on The Effect of Mixture Design on Porous Asphalt Mixture Performance	Researcher	UTM	PAS	20,000	01/06/2013	31/08/2014	00K46
26.	Determination of Electromagnetic Properties of Bitumen Emulsion	Researcher	UTM	PAS	30,000	01/06/2013	31/08/2014	00K42
27.	Relationship of Tack Coat Application Factors in Assessing the Bonding Characteristics for Asphalt Paving Surfacing Layers	Researcher	Others	FRGS	72,300	01/04/2013	31/03/2015	4F201
28.	Development and Performance of Low Noise Concrete Block Pavement	Researcher	UTM	TIER 1	130,000	01/12/2012	31/12/2014	03H47

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
29.	Behavior of Cold Stone Mastic Asphalt Using Small Nominal Maximum Aggregate Size	Researcher	UTM	TIER 2	34,000	01/12/2012	31/12/2013	06J98
30.	Evaluation on the Performance of Bond Strength Between Surfacing Pavement Layers	Researcher	UTM	TIER 2	35,000	01/05/2012	30/04/2013	06J52
31.	Model for Energy Efficiency, Environment Quality and Material Use in Road Infrastructure	Researcher	UTM	Flagship	450,000	01/08/2011	31/10/2014	00G22
32.	Determining New Development Computerised Traffic Impact System	Researcher	UTM	AV	30,000	01/07/2011	31/12/2012	4D043
33.	Grooved Underside Concrete Blocks For Pavement	Researcher	UTM	TIER 1	130,000	01/04/2011	31/03/2013	00H93
34.	Development of A Simulation Model of Traffic Operations at Signalised Junctions for the Improvements of Traffic Signal Design Procedure and Elimination of Dilemma Zone Problems	Researcher	Others	Others	186,000	2007	2009	06-01-06-SF 0299
35.	Development of Superpave Designed HMA under Malaysia Environment	Researcher (UiTM)	Others	Others	80,500	2006	2008	03-01-SF 0090
36.	Evaluation of Fundamental	Researcher	UTM	Short Term	15,000	31/12/2000	30/12/2001	75188

BIL	NAME OF GRANT	ROLE	CATEGORY OF GRANT(UTM/OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
	Properties of Compacted Mixes Used as Patching Materials for Low Volume Roads							
37.	Evaluation of Fundamental Properties of Compacted Mixes Used as Patching Materials for Low Volume Roads	Researcher (NCAT)	Others	Others	USD 355,000	2001	2004	NCHRP9-27
38.	Evaluation of Past Performance and Establishment of New Construction Method for Interlocking Concrete Block Pavement	Researcher	UTM	Sciencefund	253,650	30/09/1996	30/12/1999	72339
39.	Drivers Car Following Headway on Single Carriageway Road	Researcher	UTM	Short Term	20,000	31/05/1996	30/10/1998	71620
40.	Demand for Public Transport (BUS) Operations in Rural Areas	Researcher	UTM	Short Term	20,000	31/05/1996	29/11/1997	71627
41.	Merging Operation at Urban Dual Carriageway	Researcher	UTM	Short Term	14,000	31/05/1994	30/04/1995	71323
42.	Effects of Segregation on Hot Mix Asphalt Properties , Kansas Department of Transportation, USA	Researcher	Others	Others	USD 37,500	1995	1996	K-Tran:KU-96-6
43.	The pedestrians behavior when crossing at random choosing location	Researcher	UTM	Short Term	0	10/01/1987	11/03/1988	61287

COLLABORATION / MOU

NO	NAME OF MOU	LEVEL OF MOU (NATIONAL/ INTERNATIONAL)	STARTING DATE	ENDING DATE
1.	LOC UTM & Universitas Katolik Parahyangan, Indonesia	International	06/09/2023	25/10/2023
2.	MOU di antara Safwa Global Venture (M) Sdn Bhd dengan Universiti Teknologi Malaysia	National	23/08/2023	22/08/2028
3.	MOA UTM with University of the Ryukyus, Okinawa Japan	International	01/01/2019	27/02/2021
4.	MOA UTM dan AHN VERTEX	National	24/04/2019	24/04/2021
5.	MOU antara UTM dan PAJ - Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat, Muar & Kulai Dan Pasir Gudang	National	01/01/2017	30/09/2017
6.	MOU antara FKA dan HATTI	International	17/02/2016	17/02/2018
7.	MOU antara UTM dan NIT of Kagoshima	International	26/09/2016	26/09/2017

TEACHING ACTIVITIES

Summary	
Total Credit Hours	261

UNDERGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2025/2026	1	SEAA 4032	Integrated Design Project 2	2	50
2024/2025	2	SEAA4813	Pavement Design and Construction	3	15
2024/2025	2	SEAA 4032	Integrated Design Project 2	2	30
2024/2025	2	SEAA 2832	Highway Engineering	2	52
2024/2025	1	SEAA 2012	Civil Engineering Lab 1	2	30
2024/2025	1	SEAA 2832	Highway Engineering	2	55
2023/2024	2	ULRS 1032	Integrity dan Anti Rasuah	2	56
2023/2024	2	SEAA4813	Pavement Design and Construction	3	14
2023/2024	2	SEAA 2832	Highway Engineering	2	52
2023/2024	1	SEAA 2832	Highway Engineering	2	34
2022/2023	2	ULRS 1032	Integrity dan Anti Rasuah	2	56
2019/2020	1	SKAB 2012	Civil Engineering Lab 1	2	30
2019/2020	1	SKAB 4032	Integrated Design Project 2	2	30
2018/2019	1	SKAA 2012	Civil Engr Lab I	2	30
2018/2019	2	SKAA 4042	Integrated Design Project	2	30
2018/2019	1	SKAA 4843	Road Materials and Evaluation	3	30
2018/2019	1	SKAA 4042	Integrated Design Project	2	30
2018/2019	1	SKAA 2832	Highway Engineering	2	30
2017/2018	2	SKAA 4042	Integrated Design Project	2	30
2017/2018	2	SKAA 2832	Highway Engineering	2	30

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2017/2018	2	SKAA 4813	Pavement Design and Construction	3	30
2017/2018	2	SKAA 4042	Integrated Design Project	2	30
2017/2018	2	SKAA 2012	Civil Engineering Lab	2	30
2017/2018	2	SKAA 4813	Pavement Design and Construction	3	30
2017/2018	1	SKAA 4042	Integrated Design Project	2	30
2017/2018	1	SKAA 2012	Civil Engineering Lab	2	30
2017/2018	1	SKAA 4813	Pavement Design and Construction	3	30
2016/2017	1	SKAA 4042	Integrated Design Project	2	30
2016/2017	1	SKAA 4843	Road Material and Evaluation	3	30
2016/2017	1	SKAA 4813	Pavement Design and Construction	3	30
2016/2017	2	SKAA 4042	Integrated Design Project	2	30
	2	SKAA 4843	Road Material and Evaluation	3	30
	2	SKAA 4813	Pavement Design and Construction	3	30
2016/2017	1	SKAA 4042	Integrated Design Project	2	30
	1	SKAA 4843	Road Material and Evaluation	3	30
	1	SKAA 4813	Pavement Design and Construction	3	30
2015/2016	2	SKAA 4843	Road Material and Evaluation	3	30
2015/2016	1	SKAA 4843	Road Material and Evaluation	3	30
2014/2015	1	SKAA 4843	Road Material and Evaluation	3	30
2013/2014	2	SKAA 3021	Integrated Design Project	2	30
2013/2014	1	SKAA 3021	Integrated Design Project	2	30
2007/2008	2	SAB 4012	Professional Practice Project (PAP)	2	30
2007/2008	1	SAB 4012	Professional Practice Project (PAP)	2	30
2008/2009	2	SAB 4012	Professional Practice Project (PAP)	2	30
2008/2009	1	SAB 4012	Professional Practice Project (PAP)	2	30
2009/2010	2	SAB 4012	Professional Practice Project (PAP)	2	30
2009/2010	1	SAB 4012	Professional Practice Project (PAP)	2	30
2010/2011	2	SAB 4012	Professional Practice Project (PAP)	2	30
2010/2011	1	SAB 4012	Professional Practice Project (PAP)	2	30
2011/2012	2	SAB 4012	Professional Practice Project (PAP)	2	30
2011/2012	1	SAB 4012	Professional Practice Project (PAP)	2	30

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2012/2013	2	SAB 4012	Professional Practice Project (PAP)	2	30
2012/2013	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2012/2013	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2012/2013	1	SAB 4012	Professional Practice Project (PAP)	2	30
2013/2014	2	SAB 4012	Professional Practice Project (PAP)	2	30
2013/2014	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2013/2014	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2011/2012	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2011/2012	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2010/2011	2	SAB 4813	Pavement Design and Construction	3	30
2010/2011	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2010/2011	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2009/2010	2	SAB 4813	Pavement Design and Construction	3	30
2009/2010	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2009/2010	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2009/2010	1	SAB 4813	Pavement Design and Construction	3	30
2008/2009	2	SAB 4813	Pavement Design and Construction	3	30
2008/2009	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2008/2009	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2007/2008	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2006/2007	2	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2006/2007	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2005/2006	1	SAB 2832/ SKAA 2832	Highway Engineering	2	30
2005/2006	2	SAM 4814	Highway and Traffic Engineering	4	30
2005/2006	1	SAM 4814	Highway and Traffic Engineering	4	30

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2004/2005	2	SAM 4814	Highway and Traffic Engineering	4	30
Total credits				**165**	

POSTGRADUATES

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2019/2020	1	MKAQ 1053	Road Material and Eval	3	
2018/2019	1	MKAQ 1023	Advance Highway Engineering	3	
2017/2018	2	MKAQ 1053	Pavement Design and Construction	3	
2017/2018	1	MKAQ 1053	Pavement Design and Construction	3	
2017/2018	1	MKAQ 1053	Pavement Design and Construction	3	
2016/2017	2	MKAQ 1023	Road Material and Evaluation	3	
2016/2017	2	MKAQ 1053	Pavement Design and Construction	3	
2016/2017	1	MKAQ 1023	Road Material and Evaluation	3	
2016/2017	1	MKAQ 1053	Pavement Design and Construction	3	
2016/2017	1	MKAQ 1023	Road Material and Evaluation	3	
2016/2017	1	MKAQ 1053	Pavement Design and Construction	3	
2015/2016	2	MKAQ 1023	Road Material and Evaluation	3	
2015/2016	1	MKAQ 1023	Road Material and Evaluation	3	
2014/2015	1	MAB 8023/ MAP 1023	Research Material and Pavement Evaluation	3	
2010/2011	2	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2009/2010	1	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2008/2009	2	MAB 8023/ MAP 1023	Research Material and Pavement Evaluation	3	
2008/2009	1	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2007/2008	2	MAB 8023/ MAP 1023	Research Material and Pavement Evaluation	3	
2007/2008	2	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2007/2008-	1	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2006/2007	2	MAB 8023/ MAP 1023	Research Material and Pavement Evaluation	3	
2006/2007	1	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2005/2006	2	MAB 8023/ MAP 1023	Research Material and Pavement Evaluation	3	

Semester	Sem	Subject Code	Subject	Credit Hour	No of Student
2005/2006	2	SAM 4814	Highway and Traffic Engineering	4	
2005/2006	1	SAM 4814	Highway and Traffic Engineering	4	
2005/2006	1	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
2004/2005	2	SAM 4814	Highway and Traffic Engineering	4	
2004/2005	2	MAB 8023/ MAP 1023	Research Material and Pavement Evaluation	3	
2004/2005	1	MAB 8013	Highway and Infrastructure Design	3	
2004/2005	1	MAB 8053/ MAP 1053	Pavement Design and Construction	3	
Total credits				**96**	

SUPERVISION

Summary	
Main Supervisor – PhD (Graduated)	14
Co-Supervisor – PhD (Graduated)	14
Main Supervisor – PhD (Ongoing)	0
Co-Supervisor – PhD (Ongoing)	2
Main Supervisor- Master by Research (Graduated)	4
Main Supervisor- Master by Research (On-Going)	-
Main Supervisor- Master by Taught Course (Graduated)	68
Main Supervisor- Master by Taught Course (On-Going)	-
Main Supervisor- Master by Mixed-Mode (Graduated)	1
Main Supervisor- Master by Mixed-Mode (On-Going)	-

PhD Student

No.	Name	Year	Status (Graduated/ On-Going)	Title	Roles of Supervision
1	Mohd Ibrahim Bin Mohd Yusak	2019	Graduated	Properties of Porous Concrete Pavement Containing Nano Silica From Rice Husk	Co-Supervisor
2	Wan Nur Aifa binti Wan Azahar	2018	Graduated	Binder characterization and performance of asphaltic concrete modified with waste cooking oil	Co-Supervisor
3	Roziawati binti Razali	2018	Graduated	Warm Mix Asphalt Utilizing cup lump rubber and waste cooking oil	Main Supervisor
4	Siti Nur Naqibah binti Kamarudin	2018	Graduated	Performance of treated crumb rubber and treated plastic in asphalt mixture additives	Main supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Roles of Supervision
5	Muhammad Naqiuddin Bin Mohd Warid	2017	Graduated	Performance of Cold Stone Mastic Asphalt Mixtures	Main Supervisor
6	Fatemeh Nateghi	2017	Graduated	A hybrid model for environmental aspect evaluation for demolition works	Co-Supervisor
7	Kabiru Usman Rogo	2017	Graduated	Performance of micro surfacing using spent garnet as aggregate	Main Supervisor
8	Mohd Reza	2017	On going	The performance of asbuton as warm mix asphalt additive	Co-Supervisor
9	Suleiman Abdulrahman	2017	Graduated	Warm cup lump rubber performance	Main Supervisor
10	Almando bin Abbil	2017	On going	Behaviour of column supported embankment under traffic induce loading	Co-Supervisor
11	Mohd Khairul Idham bin Mohd Satar	2016	Graduated	Repeatability of Reclaimed Asphalt Pavement	Main Supervisor
12	Hamed Ganjbaksh	2016	Graduated	Competency Based Training (CBT) Model for Demolition Contractors in Malaysia	Co-Supervisor
13	Farahiyah Binti Abdul Rahman	2016	Graduated	Sustainable energy and emission mitigation strategy of hot mix aspahlt	Co-Supervisor
14	Mohammed Hamza Momade	2016	Graduated	Malaysia construction productivity a study on worker characteristics affecting labour productivity	Co-Supervisor
15	Oluwasola Ebenezer Akin	2015	Graduated	Suitability of Arc Furnace Steel Slag and Copper Mine Tailings As Pavement Materials	Main Supervisor
16	Chang Fung Lung	2015	Graduated	Evaluation of Tack Coat Performance	Co-Supervisor
17	Sayyed Yaghoub Zolfeghari	2015	Graduated	Durability and Geotechnical Properties of Chemically Stabilized Marine Clay and Laterite Soil for Unpaved Road	Co-Supervisor
18	Parameswary Sundara	2014	Graduated	Effects of Darkness on Highway Capacity	Main Supervisor
19	Mohd Ezree B. Abdullah	2014	Graduated	Nanoclay in Hot Mix Asphalt Mixtures	Co- Supervisor
20	Azman Mohamed	2014	Graduated	Performance of Waffle Shape Interlocking Block	Co- Supervisor
21	Mohd Zul Hanif Bin Mahmud	2014	Graduated	Permeability and Clogging Properties For Porous Asphalt Friction Course	Co- Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Roles of Supervision
22	Izzul Bin Ramli	2014	Graduated	Studies on Parking Generation At Expressway Rest Area s in Southern Peninsular Malaysia	Co- Supervisor
23	Sudesh Nair A/L Baskara	2014	Graduated	Investigations on Pavement Properties Related to Malaysian Weather Condition and Road Accidents	Co- Supervisor
24	Rosmawati binti Mamat	2013	Graduated	Utilizing Bio Binder From Coconut Shell To Improve The Properties of Asphalt Pavement	Main Supervisor
25	Noor Azah binti Abdul Raman	2013	Graduated	Laboratory Evaluation of Bio Asphalt As Sustainable Binder for Hot Mix Asphalt	Main Supervisor
26	Sulaiman Arafat Yero	2012	Graduated	Warm Mix Asphalt in Tropical Region	Main Supervisor
27	Mastura Binti Bujang	2012	Graduated	Assessment Model for Pavement Material and Technology Elements in Green Highway Index	Main Supervisor
28	Nurul Hidayah binti Mohd Kamaruddin	2012	Graduated	Engineering Properties and Performance of Warm Mix Asphalt with Used Engine Oil	Main Supervisor
29	Gatot Rusbintardjo	2011	Graduated	Modified Binder Using Oil Palm Fuel Ash as Additive	Main Supervisor
30	Mohd Hanifi Othman	2011	Graduated	Effectiveness Of Transverse Rumble Strips Installation On Roadway	Co-Supervisor
31	Juraidah Ahmad	2010	Graduated	Moisture Induce Damage and Rutting Evaluation of Superpave Designed HMA for Malaysian Environment	Co-Supervisor

MSc. Student

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
1	Zainazim	2018	Graduated	Rutting performance of asphalt concrete using reinforced fibre	Taught Course	Main Supervisor
2	Awang Shafie	2018	Graduated	Stripping performance of asphalt concrete with reinforced fibre	Taught Course	Main Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
3	Alvona	2018	Graduated	Performance of roundabout in urban area	Taught Course	Main Supervisor
4	Farini	2018	Graduated	Performance of roundabout in sub-urban area	Taught Course	Main Supervisor
5	Siti Nur Naqibah	2018	Graduated	Comparison of Perforfance Between Hot Mix Asphalt and Warm Mix Asphalt as Related to Compaction Design	Taught Course	Main Supervisor
6	Nura Shehu Aliyu Yaro	2018	Graduated	Moisture Damage of Hot Mix Asphalt Mixture Incorporating Kenaf fibre	Taught Course	Main Supervisor
7	Zainal bin Othman	2017	Graduated	Cup Lump Modified Asphalt Asphalt Mixture Along Jalan Kuala Lumpur-Kuantan, Daerah Temerloh, Pahang	Taught Course	Main Supervisor
8	Tan Lay Boon	2017	Graduated	Study on Traffic Congestion of Jalan Pasir Puteh, Ipoh Perak	Taught Course	Main Supervisor
9	Mohd Fadzly bin Ahmad Zawawi	2017	Graduated	Chemilink Stabilizer Effect on Road Base Performance for Perak State Road	Taught Course	Main Supervisor
10	Rosmaizul binti Mustapha	2017	Graduated	Structural Assessment of Flexible pavement on Various Conditions as Related to Rutting and Fatigue	Taught Course	Main Supervisor
11	Nurul Ainaa binti Selamat	2017	Graduated	Investigation on Road Damage due to Vehicle Overloading in Ipoh State Road	Taught Course	Main Supervisor
12	Che Muhammad Fatihi Hafifi bin Che Wahid	2017	Graduated	Low carbon calculator for green highway index	Research	Co Supervisor
13	Nurul Athma Binti Mohd Shukry	2016	Graduated	Effects of Mineral Fillers on Mastic and Mixture for Porous Asphalt	Research	Co Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
14	Samah	2016	Graduated	Kenaf Fibre in Asphalt Mix	Taught Course	Main Supervisor
15	Mohd Amirul Hakim Bin Md Noor	2015	Graduated	Evaluation on Marshall Designed Laboratoy Compaction Effort and Rate of Cooling of AC 14 and BMW 20	Taught Course	Main Supervisor
16	Azim Bin Abdul Razak	2015	Graduated	Performance and Rate of Cooling of Warm AC 14 and BMW 20	Taught Course	Main Supervisor
17	Tareq Rahman	2015	Graduated	Modified Bitumin with Waste Cooking Oil, Crumb Rubber Tyre and Palm Oil Fuel Ash.	Research	Main Supervisor
18	Wan Nur Aifa binti Wan Azahar	2014	Graduated	Assessment Score for Green Pavement Technology Elements	Research	Main Supervisor
19	Zalinna Kaliman	2014	Graduated	Performance Evaluation of Different Aggregate Precoating Material in Chip Seal	Mix-Mode Programme	Co-Supervisor
20	Mohd Yazip Bin Matori	2013	Graduated	Performance of Cold In-place Recycling of Asphalt Pavement	Research	Main Supervisor
21	Nazaruddin Bin Jamion	2013	Graduated	Performance of Microsurfacing As Surface Overlay	Research	Main Supervisor
22	Yassar Talib Nijris	2013	Graduated	Performance of Warm Mix Asphalt Containing Sasobit	Mix-Mode Programme	Co-Supervisor
23	Ali Moghaddasi	2013	Graduated	Effects of Aging on Asphalt Mix	Taught Course	Main Supervisor
24	Ahmed Abu Draz	2013	Graduated	Use of Recycled Concrete Aggregate in Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
25	Nur-ul Balqes binti Md. Zaid	2013	Graduated	Relationship Between Griptester And British Skid Pendulum As Related To Pavement Surface Materials	Taught Course	Main Supervisor
26	Zinatul ‘Ashiqin binti Mohd Noor	2013	Graduated	Development of Pavement Temperature Indicator for Malaysia Condition	Taught Course	Main Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
				for Falling Weight Deflectometer Testing		
27	Liana Samsuddin	2012	Graduated	Qualitative Assessment of Recycled Highway Material	Taught Course	Main Supervisor
28	Hazlina binti Marwan	2012	Graduated	Relationship Axle Loads and Pavement Performance Pertaining to Remaining Life	Taught Course	Main Supervisor
29	Nor Asma Ali Akbar	2012	Graduated	Modifying 60-70 Pen Bitumen Using Palm Oil Fuel Ash	Taught Course	Main Supervisor
30	Syafiqah Bt Syafrudin	2012	Graduated	Scoring Assessment of Regional Materials for Green Highway	Taught Course	Main Supervisor
31	Amaar	2011	Graduated	Fatigue Performance of Various Malaysian Hot Mix Asphalt Mixes	Mix-Mode Programme	Main Supervisor
32	Suriani Bt Hassin	2011	Graduated	Compaction Studies on Polymer Modified Asphalt	Taught Course	Main Supervisor
33	NurFazlin Bt Mohamed Yusof	2011	Graduated	Moisture Susceptibility of Malaysian Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
34	Wasid Farooq Reshi	2011	Graduated	Stone Mastic Asphalt Mixtures with Fly Ash as Filler	Taught Course	Main Supervisor
35	Akrima Bt. Abu Bakar	2010	Graduated	Evaluation on Resilient Modulus of Various Gradation Shapes of Asphaltic Concrete Mixes	Taught Course	Main Supervisor
36	Mohd Anuar Bin Sabhul Hameed	2010	Graduated	Performance of Open Graded Asphalt Mixes Using Steel Slag as Aggregate	Taught Course	Main Supervisor
37	Mohd Azizi Bin Abdul Aziz	2010	Graduated	Performance of Stone Mastic Asphalt Mixes Using Steel Slag as Aggregate	Taught Course	Main Supervisor
38	Muhammad Fahmi Bin Mohd Sabri	2010	Graduated	Performance of Dense Graded Asphaltic Concrete Mixes Using	Taught Course	Main Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
				Steel Slag as Aggregate		
39	Mohd Noor Ashraf B. Amiruddin	2010	Graduated	Skid Resistance Evaluation of Stone Mastic Asphalt	Taught Course	Main Supervisor
40	Azeana Bt Abdullah	2009	Graduated	Performance of Cold Mix Asphalt Using Cutback Modified with Oil Palm Fruit Ash	Taught Course	Main Supervisor
41	Chang Tun Hua	2009	Graduated	Thickness Design of Flexible Pavement Using AASHTO 1993 and Road Note 31	Taught Course	Co-Supervisor
42	Yeo Pei Pei	2009	Graduated	Thickness Design of Flexible Pavement Using Arahan Teknik Jalan 5/85 and JKR Thickness Design Manual 2006	Taught Course	Co-Supervisor
43	Aminuddin Abd. Latif	2009	Graduated	Relationship Between Present Serviceability Index (PSI) and International Roughness Index (IRI)	Taught Course	Co-Supervisor
44	Mohd Amin Bin Shafei	2009	Graduated	Relationship of Skid Resistance and Temperature of Hot mix Asphalt Pavement	Taught Course	Co-Supervisor
45	Zakareeya M. Yahssin	2009	Graduated	Laboratory Performance of Semi Rigid Wearing Course of Asphalt Pavement	Taught Course	Main Supervisor
46	Mohd Khairul Idham Bin Mohd Satar	2009	Graduated	Development of Software for Thickness Design of Rigid Pavement	Taught Course	Main Supervisor
47	T. Niki Haikhal	2009	Graduated	Evaluation on Test Protocol on Bitumen Properties	Taught Course	Main Supervisor
48	Dorina Anak Astana	2009	Graduated	Using Waste Polymer as Additive in Asphalt Binder	Taught Course	Main Supervisor
49	Sudesh Nair A/L Baskara	2009	Graduated	Effects of Rainfall on Skidding Resistance of	Taught Course	Main Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
				Asphaltic Concrete Pavement		
50	Samikhah Bt Muhammad	2009	Graduated	Laboratory Performance of Asphaltic Concrete Mixtures Designed Using Bailey Method	Taught Course	Main Supervisor
51	Elhusain A.M. Mahroug	2009	Graduated	Evaluation of Methods to Determine Bitumen Content of Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
52	Noorafidah Bt Ithnin	2008	Graduated	Determination of Mixing and Compacting Temperatures for Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
53	Noor Azah Bt Abdul Raman	2008	Graduated	Comparison of Bulk Specific Gravity of Asphaltic Concrete Using Saturated Surface Dry Method and Vacuum Sealing Method	Taught Course	Main Supervisor
54	Rosmawati Bt Mamat	2008	Graduated	Marshall Properties of Hot Mix Asphalt Mixtures Designed Using Bailey Method	Taught Course	Main Supervisor
55	Hamed Addulgader Dowalgassie	2008	Graduated	Moisture Damage of Porous Asphalt	Taught Course	Main Supervisor
56	Tran Trang Nhat	2008	Graduated	Relationship of Bitumen Content, Aggregate Surface Area, and Extraction Time Using Asphalt Ignition Furnace	Taught Course	Co-Supervisor
57	Ahmed Moftah Saleh	2008	Graduated	Comparison Between the Rolling Film Oven and the Pressure Aging Vessel Tests	Taught Course	Main Supervisor
58	Ahmed Mohamed Esarwi	2008	Graduated	Effects of Mix Design System on Stripping Potential of Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
59	Tiong Hwa Nguong	2008	Graduated	Short Term Aging Effects on Asphalt Binders	Taught Course	Main Supervisor
60	Noor Azreena Bt Kamaluddin	2008	Graduated	Evaluation of Stone Mastic Asphalt Using Palm Oil Fuel Ash as Filler Material	Taught Course	Main Supervisor
61	Arafat Suleiman Yero	2008	Graduated	Determination of the Texture Depth, Skidding Resistance and Roughness Index of Various Bituminous Road Surfaces	Taught Course	Main Supervisor
62	Wardati Bt Hashim	2008	Graduated	Effects of Environment on The Cooling Rate of Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
63	Fahmi	2007	Graduated	Utilization of Coarse Crumb Rubber to Enhance Hot Mix Asphalt Properties	Taught Course	Main Supervisor
64	Nur Hidayah Bt Hassan	2007	Graduated	Performance of Hot mix Asphalt Using Fine Crumb Rubber	Taught Course	Main Supervisor
65	Salmann Ullah Sheikh	2007	Graduated	Rutting Potential at Various Conditions of Hot Mix Asphalt Mixtures	Taught Course	Co-Supervisor
66	Ahmad Kamel Abdul Malik	2006	Graduated	Evaluation of Pothole Repair Method	Taught Course	Main Supervisor
67	Zanariah Bt Abd Rahman	2006	Graduated	Evaluation of Tender Mixes of Hot Mix Asphalt Mixtures	Taught Course	Co-Supervisor
68	Mukhtar Elseddig Abukhetala	2006	Graduated	Relationship between Rutting, Stability and Flow of Malaysian Hot Mix Asphalt Mixes	Taught Course	Main Supervisor
69	Naeem Aziz Memon	2006	Graduated	Comparison Between Superpave Gyratory and Marshall Laboratory Compaction Methods	Taught Course	Main Supervisor
70	Elizabeth Chong Eu Mee	2006	Graduated	The Effects of Normal Maximum Aggregate Size on The Properties	Taught Course	Main Supervisor

No.	Name	Year	Status (Graduated/ On-Going)	Title	Mode (Research / Taught-course/ Mixed Mode)	Roles of Supervision
				of Hot Mix Asphalt Using Gyratory Compactor		
71	Norliza Binti Mohd Akhir	2006	Graduated	Aggregate Degradation Characteristics of Stone Mastic Asphalt Mixtures	Taught Course	Main Supervisor
72	Nur Shariza Binti Muhamad Nor	2006	Graduated	Permeability in Malaysian Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
73	Shahreena Melati Binti Rhasbudin Shah	2006	Graduated	Evaluation on Aggregate Effective Specific Gravity as Related to Marshall Volumetric Properties	Taught Course	Main Supervisor
74	Irfan Khan Jhatial	2006	Graduated	Evaluation of Cold In Place Recycling Material	Taught Course	Main Supervisor
75	Suthagaran A/L Subramaniam	2006	Graduated	Evaluating Testing Procedures to Determine Stripping Potential of Hot Mix Asphalt Mixtures	Taught Course	Main Supervisor
76	Mohd Ezree Bin Abdullah	2006	Graduated	Development of Database for Determining Level of Service (LOS) Using Geographical Information System (GIS)	Taught Course	Main Supervisor
77	Fajaruddin Bin Mustakim	2005	Graduated	Treating Hazardous Locations – Case Study	Taught Course	Main Supervisor
78	Larry ak Silas Tirau	2005	Graduated	Evaluation of Hot Mix Asphalt Properties Compacted at Various Temperatures	Taught Course	Main Supervisor
79	Nur Sabahiah binti Abdul Sukor	2005	Graduated	Evaluation of Laboratory Compactive Effort on Durability of Hot Mix Asphalt Mixture	Taught Course	Main Supervisor
80	Norkhairulnisa binti Mat Sah	2004	Graduated	Study on Patching Works Using Hot Mix Asphalt for Rural Road	Taught Course	Co-Supervisor

UTM POSTGRADUATE EXAMINATION/ VIVA

Summary	
Examiner (Chairman) – Master	3
Examiner (Chairman) – PhD Candidate	28

Examiner

NO	ROLE	STUDENTS NAME/ TITLE TITLE	YEAR
1	Chairman PhD	Shamsul Bahri bin Abdul Satar	5 November 2019
2	Chairman PhD	Raja Rafidah binti Raja Muhammad Rooshdi	
3	Chairman PhD	Bhatawdekar Ramesh	2 October 2019
4	Chairman PhD	Najeebullah Khan	29 September 2019
5	Chairman PhD	Rackford Bong	5 August 2019
6	Chairman PhD	Ahmad Hanis Bin Omar@Omri	7 July 2019
7	Chairman PhD	Mohammad Taher Ahmed Al-Ashwal	2 May 2019
8	Chairman PhD	Muhammad Hatta Mohd Satar	October 2018
9	Chairman PhD	Khaitun Nissa Mat Said	August 2018
10	Chairman PhD	Syaiful Akmal Saadon	April 2018
11	Chairman Master	Tan Lay Ting	March 2018
12	Chairman PhD	Faizal Pakir	16 July 2017
13	Chairman PhD	Umar Murtala	11 May 2017
14	Chairman PhD	Elnaz Khankaje	12 April 2017
15	Chairman PhD	Mahdi Rafieeizonooz	7 November 2016
16	Chairman PhD	Chow Kok Kow	4 October 2016
17	Chairman PhD	Shakila binti Abdullah	17 May 2016
18	Chairman PhD	Hasnida binti Harun	26 April 2016
19	Chairman PhD	Nor Hasyimah Rosman	9 August 2016
20	Chairman PhD	Mohamad Shoraka	26 February 2015
21	Chairman PhD	Zulkiflee Ibrahim Flow Behavior Due To Floodplain Roughness Along Riparian Zone In Compound Channels	27 October 2014
22	Chairman PhD	Mohd Fakhrurrazi Bin Ishak The Influence of Tree Water Uptake on Suction Distribution in Unsaturated Tropikal Residual Soil Slope	23 September 2014
23	Chairman PhD	Taha Mehman Navaz Characteristics of Ferrocement Sandwich Aerated Concrete Wall Elements Incorporating Pozzolonic Waste Materials	19 May 2014
24	Chairman PhD	Eluwa Stephen Enyinnaya Household Energy Consumption and CO2 Emission Reduction in Ibadan City, Nigeria	6 May 2014
25	Chairman PhD	Ramzi Bin Ibrahim Information Sharing to Support Collaborative Teamwork in Construction	10 February 2014
26	Chairman PhD	Mahdy Khari Influence of Soil Pile Interaction on Seismic Behavior in Sandy Condition	20 January 2014
27	Chairman PhD	Mohd Azreen Bin Mohd Ariffin	31 December 2013

NO	ROLE	STUDENTS NAME/ TITLE TITLE	YEAR
		Engineering Properties and durability performance of geopolymer concrete using blended ash from agro industrial waste	
28	Chairman PhD	Ali H. Ahmed Suliman Top Model Based Rainfall Runoff Modeling of a Data Scarced Catchment Area	02 October 2013
29	Chairman PhD	Bahman Salami Structural Models of Effective Factors for Built Operation Transfer Plant Projects	31 October 2013
30	Chairman Master	Mohd Affendi Bin Ismail Weightage Factors for Malaysia Green Highway Assessment	16 May 2013
31	Chairman Master	Bahktiar Affendy bin Othman Performance of Embankment on Bamboo Geotextile Composite Reinforced Soft Clay	9 March 2012

INTERNAL/EXTERNAL EXAMINATION/ VIVA

Summary	
PhD. Internal Examiner	5
PhD. External Examiner	24
MSc. Internal Examiner	2
MSc. External Examiner	6
Others Examiner	-

PhD Internal Examiner (UTM)

NO	ROLE	STUDENTS NAME/TITLE	YEAR
1	Internal Examiner	Anthony Onwube	25 April 2025
2	Internal Examiner	El Hadi	March 2025
3	Internal Examiner	Shannen	6 March 2025
4	Internal Examiner	Sharuddin	November 2024
5	Internal Examiner	Christiana	November 2024
6	Internal Examiner	Haydar Ataelmanan A	April 2024
7	Internal Examiner	Raja Rafidah Green Highway Index	17 April 2019
8	Internal Examiner	Euniza Anak Jusli Concrete Block Pavement	08 February 2018
9	Internal Examiner	Ahmed S.A Abdelgalil Development of Asphalt Block Pavement	15 January 2015
10	Internal Examiner	Nickholas Anting Anak Guntor Cool Pavement Materials From Wasted Tiles Aggregate Materials	26 Oct 2014
11	Internal Examiner	Sugeng Crack Propagation Model for Flexible Road Pavement	2006

PhD External Examiner

NO	ROLE	STUDENTS NAME/TITLE	YEAR
1	External Examiner (USM)	Al Totanji Fadel	August 2025
2	External Examiner (UMPSA)	Wan Noor Mior Sani	July 2025
3	External Examiner (USM)	Oumar Sougui	June 2025
4	External Examiner (UMPSA)	Mohammad AlMohammad	Feb 2025
5	External Examiner (UTHM)	Muhammad Isradi	Sept 2022
6	External Examiner (UTP)	Abdul Muhaimin Memon	June 2025
7	External Examiner (UTP)	Muhammad Imran Khan	23 March 2022
8	External Examiner (India)	Sanjeev Kumar Suman	January 2021
9	External Examiner (UTP)	Abdul Nasir Al-Sabaeei	7 May 2021
10	External Examiner (UTHM)	Munder Abdullah Mohamed Bilema	April 2021
11	External Examiner (USM)	Ashiru Sani	22 June 2020
12	External Examiner (UTHM)	Mohammad Nasir Bin Mohamad Taher	19 May 2019
13	External Examiner (UTHM)	Kabiru Abdullahi Effect of Nano Clay on Asphalt Binder and Bituminous Mixture Properties	12 April 2018
14	External Examiner (UiTM)	Ekarizan Shaffie Effect of Nanopoly Acrylate/Natural Rubber Latex on Asphalt Binder and Bituminous Mixture Properties	Sept 2017
15	External Examiner (UiTM)	Khairil Azman Bin Masri Performance of Porous Asphalt with Nanosilica Modified Asphalt Binder	June 2017
16	External Examiner (UKM)	Peyman Babashamsi PAVECO: An Integrated Life Cycle Cost Analysis and Life Cycle Assessment Toward Sustainable Airport Pavement System	July 2017
17	External Examiner (UKM)	Abdalrahman Abrahim Mohamed Salem Web Based System for Flexible Pavement Maintenance	June 2017
18	External Examiner (UKM)	Hend Ali Elharari Omar The Effect of Moisture Damage on Adhesion Properties of Nano-Clay	1 Disember 2016
19	External Examiner (USM)	Bashir M Bashir Aburawi Effect of Aging, Production Temperature & Moist Aggregates & Moisture Sensitivity of Warm Mix Ashphalt Incorporationg Rh-Wma Additive	22 November 2016
20	External Examiner (UTHM)	Allam Musbah Al Allam The Evaluate of Using BatuPahat Soft CLAY (BPSC) As Modified Of Asphalt Binder and Mixture	14 September 2016

NO	ROLE	STUDENTS NAME/TITLE	YEAR
21	External Examiner (UKM)	Amir Falarmazi Development of A Web Based Advisory Expert System to implemet Traffic Calming Strategies	13 May 2015
22	External Examiner (UTP)	Yasreen Gasm Alkhig Suliman Mohamed Optimization of Aggregate Gradation Combination to Improve the Asphalt Mixture Volumetric and Engineering Properties, Durability and Over All Performance	24 August 2015
23	External Examiner (UKM)	Mojtaba Shojaei Baghini Investigation of Engineering Characteristics of Cement-Treat Road Base Using Bitumen Emultion, Rovene® 4045 and Tylac® 4190 Additives	1 Ogos 2015
24	External Examiner (UMP)	Wan Mohd Nazmi Bin Wan bdul Rahman The Influence of PolyEthylene Terephthalate and High Density PolyEthylene Pellet as Aggregate Replacement in Asphalt Mixture	Sept 2014
25	External Examiner (USM)	Kam Ken Jhun A Study on The Acceptance of QLASSIC By Malaysian Contractors and Its Relationship with Building Resident's Satisfactio	12 June 2014
26	External Examiner (UTHM)	Madi Hermadi Developing New Chemical Rhelogical Models and Chemical Durability Indices of Bitumen	21 Nov 2013
27	External Examiner (UiTM)	Frag Ahmed Ma Kridan Development and Performance Determination of Warm Mix Asphalt Using RAP for Malaysian Conditions	7 Nov 2013
28	External Examiner (UiTM)	Mohamed Solah Khalil Abdel Ghalil A Study on Workability Measurement and Correlation with Performance of Hot Mix Asphalt	Sept 2013
29	External Examiner (UKM)	Ahmad Mancy Using Expert System to Solve Problems during Rigid Pavement Construction	August 2013
30	External Examiner (USM)	Mohd Sayuti Knowledge Competency of Civil Engineers	June 2013

Msc Internal Examiner

NO	ROLE	STUDENTS NAME/TITLE	YEAR
1	Internal Examiner	Norfazira Azahar Use of cup lump rubber in asphalt	1 November 2018
2	Internal Examiner	Evaluation of Cracks and Disintegrations Using Close Range Digital Photogrammetry and Image Processing Technique	2005

Msc External Examiner

NO	ROLE	STUDENTS NAME/TITLE	YEAR
1	External Examiner (UniMas)	Accident Studies on Motorcyclist in Sarawak	12 Decemberl 2018

2	External Examiner (UniMas)	Evaluation on Airport Pavement Management System	6 April 2015
3	External Examiner (USM)	Laboratory Simulative Clogging Behaviour of Single and Two Layer Porous Asphalt	February 2012
4	External Examiner (USM)	Studies of Binder Creep, Abrasion Loss and Dynamic Stripping of Porous Asphalt	April 2011
5	External Examiner (UTHM)	Highway Construction Using Dynamic Compaction and Stone Column	September 2010
6	External Examiner (UTP)	The Effect of Combination between Asphalt Concrete and Hot Roll Asphalt on Rutting and Fatigue Cracking Performance in Road Surfacing Structure	October 2007

PUBLICATIONS

Summary	
ISI-WOS Article/Journal	202
Scopus Article/Journal	281 (Top 30 UTM)
Other Indexed Article/Journal	43
Conference/Proceedings	105
Thesis	2
Book Chapter	7
Original Book	2
Research Book/ Monograph	22
Edited Book	3
Classified/Technical /Expert Report	18
Newspaper/ Magazine	21

NO.	TYPE	PAPER
1.	ISI-WOS	Razali, R., **Hainin, M. R.,** Hassan, N. A., Satar, M. K. I. M., Abdulrahman, S., & Kamarudin, S. N. N. (2025). Sustainable asphalt innovation: harnessing treated waste cooking oil for enhanced warm mix rubberized pavement. Innovative Infrastructure Solutions, 10(9), 445.
2.	ISI-WOS	Yaro, N. S. A., Sutanto, M. H., **Hainin, M. R.**, Habib, N. Z., Usman, A., Bello, M. S., ... & Jagaba, A. H. (2025). Soft computing applications in asphalt pavement: A comprehensive review of data-driven techniques using response surface methodology and machine learning. Journal of Road Engineering.
3.	ISI-WOS	Satar, M. K. I. M., **Hainin, M. R.,** Yaacob, H., Hassan, N. A., Bujang, M., & Abdulrahman, S. (2025). Advancing circular economy in road construction: Mechanical performance of second-cycle reclaimed asphalt pavement (R2AP). *Cleaner Waste Systems*, *10*, 100249.
4.	ISI-WOS	Obaid, H. A., Eltwati, A., **Hainin, M. R.,** & Tarhuni, F. (2024). Experimental investigation and statistical analysis of performance of ceramic fiber-reinforced warm asphalt mixtures containing reclaimed asphalt pavement. *Construction and Building Materials*, *455*, 139230.

NO.	TYPE	PAPER
5.	ISI-WOS	Eltwati, A., **Hainin, M. R**., Tarhuni, F., Jusli, E., & Alamri, M. (2024). Effect of waste engine oil and warm mix additive on the physical, rheological, and short-term aging attributes of Styrene–Butadiene Rubber-modified asphalt binders. *Case Studies in Construction Materials*, *21*, e03433.
6.	ISI-WOS	Obaid, H. A., Eltwati, A., **Hainin, M. R.,** Al-Jumaili, M. A., & Enieb, M. (2024). Modeling and design optimization of the performance of stone matrix asphalt mixtures containing low-density polyethylene and waste engine oil using the response surface methodology. *Construction and Building Materials*, *446*, 138037.
7.	ISI-WOS	Eltwati, A., Al-Saffar, Z., Mohamed, A., **Hainin, M. R.,** Elnihum, A., & Enieb, M. (2022). Synergistic effect of SBS copolymers and aromatic oil on the characteristics of asphalt binders and mixtures containing reclaimed asphalt pavement. Construction and Building Materials, 327, 127026.
8.	ISI-WOS	Usman, K. R., **Hainin, M. R**., Satar, M. K. I. M., Warid, M. N. M., Kamarudin, S. N. N., & Abdulrahman, S. (2021). Palm oil fuel ash application in cold mix dense-graded bituminous mixture. Construction and Building Materials, 287, 123033. IF: 6.841 WOS-QI
9.	ISI-WOS	Usman, K. R., **Hainin, M. R.,** Satar, M. K. I. M., Warid, M. N. M., Usman, A., Al-Saffar, Z. H., & Bilema, M. A. (2021). A comparative assessment of the physical and microstructural properties of waste garnet generated from automated and manual blasting process. Case Studies in Construction Materials, 14, e00474.
10.	ISI-WOS	Abdulrahman, S., **Hainin, M. R.,** Satar, M. K. I. M., Hassan, N. A., & Usman, A. (2021). Mechanical performance and global warming potential of unaged warm cup lump modified asphalt. Journal of Cleaner Production, 297, 126653. IF: 9.444 WOS-Q1
11.	ISI-WOS	Mahmud, M. Z. H., Hassan, N. A., **Hainin, M. R.,** Ismail, C. R., Jaya, R. P., Warid, M. N. M., ... & Mashros, N. (2021). Characterisation of microstructural and sound absorption properties of porous asphalt subjected to progressive clogging. Construction and Building Materials, 283, 122654. IF: 6.841 WOS-QI
12.	ISI-WOS	Rahmad, S., Rosyidi, S. A. P., Memon, N. A., Badri, K. H., Widyatmoko, I., Arshad, A. K., ... & **Hainin, M. R.** (2021). Physical, thermal and micro-surface characteristics of PG76 binder incorporated with liquid chemical WMA additive. Construction and Building Materials, 272, 121626. IF: 6.841 WOS-QI
13.	ISI-WOS	Yaro, N. S. A., Napiah, M., Sutanto, M. H., **Hainin, M. R**., Usman, A., Rafindadi, A. D., ... & Saeed, S. M. (2021). Utilization of Palm Oil Mill Residue as Sustainable Pavement Materials: A Review. International Journal of Integrated Engineering, 13(3), 66-78.
14.	ISI-WOS	Azahar, N. M., Hassan, N. A., Jaya, R. P., **Hainin, M. R**., Yusoff, N. I. M., Kamaruddin, N. H. M., ... & Yaacob, H. (2021). Properties of cup lump rubber modified asphalt binder. Road Materials and Pavement Design, 22(6), 1329-1349.
15.	ISI-WOS	Abbil, A., Kassim, A., Rashid, A. S. A., **Hainin, M. R.,** Ullah, A., Matusin, S., & Giwangkara, G. G. (2020, May). Effect of Alkali-Activator to Bottom Ash Ratio on the Undrained Shear Strength of Bottom Ash based Geopolymer. In IOP Conference Series: Earth and Environmental Science (Vol. 498, No. 1, p. 012041). IOP Publishing
16.	ISI-WOS	Usman, K. R., **Hainin, M. R.,** Satar, M. K. I., Warid, M. N. M., & Abdulrahman, S. (2020, May). Modified Marshall Test assessment for emulsified asphalt cold mixes. In IOP Conference Series: Earth and Environmental Science (Vol. 498, No. 1, p. 012023). IOP Publishing.
17.	ISI-WOS	Rosyidi, S. A. P., Hamim, A., Taib, A. M., Jamaludin, N. A. A., Memon, Z. A., Yusoff, N. I. M., & **Hainin, M. R.** (2020). Determination Of Deflection Basin Using Pavement Modelling Computer Programs And Finite Element Method. Jurnal Teknologi, 82(4).

NO.	TYPE	PAPER
18.	ISI-WOS	Mohd Shukry, N. A., Abdul Hassan, N., Abdullah, M. E., **Hainin, M. R.**, Yusoff, N. I. M., Mahmud, M. Z. H., Putra Jaya R., Warid M. N. M. & Mohd Satar, M. K. I. (2020). Influence of diatomite filler on rheological properties of porous asphalt mastic. International Journal of Pavement Engineering, 21(4), 428-436
19.	ISI-WOS	Momade, M. H., Shahid, S., **Hainin, M. R. B**., Nashwan, M. S., & Tahir Umar, A. (2020). Modelling labour productivity using SVM and RF: a comparative study on classifiers performance. International Journal of Construction Management, 1-11.
20.	ISI-WOS	Azahar, N. M., Hassan, N. A., Jaya, R. P., **Hainin, M. R**., Yusoff, N. I. M., Kamaruddin, N. H. M., ... & Yaacob, H. (2019). Properties of cup lump rubber modified asphalt binder. Road Materials and Pavement Design, 1-21.
21.	ISI-WOS	Rusbintardjo, G., Jiun, C. M., Ibrahim, A. N. H., Babashamsi, P., Yusoff, N. I. M., & **Hainin, M. R.** (2019). A COMPARATIVE STUDY OF MONITORING METHODS IN SUSTAINABLE PAVEMENT SYSTEM DEVELOPMENT. Jurnal Teknologi, 81(5).
22.	ISI-WOS	Hassan, N. A., Ruzi, N. A., Shukry, N. A. M., Jaya, R. P., **Hainin, M. R.,** Kamaruddin, N. H. M., & Abdullah, M. E. (2019). Physical properties of bitumen containing diatomite and waste engine oil. Malaysian Journal of Fundamental and Applied Sciences, 15(4), 528-531.
23.	ISI-WOS	Rusbintardjo, G., Wahab, S. S. A., Khairuddin, F. H., Ibrahim, A. N. H., Yusoff, N. I. M., & **Hainin, M. R.** Effect Of Rh-Wma Additive On Engineering Properties Of Bitumen PG-76/Kesan Bahan Tambah Rh-Wma Ke Atas Sifat-Sifat Kejuruteraan Bitumen PG-76. Jurnal Teknologi, 81(4).
24.	ISI-WOS	Momade, M. H., & **Hainin, M. R.** (2019). Identifying Motivational and Demotivational Productivity Factors in Qatar Construction Projects. Engineering, Technology & Applied Science Research, 9(2), 3945-3948.
25.	ISI-WOS	**Hainin, M. R.,** Ibrahim, M. M., Idham, M. M. K., Nordiana, M., Ramadhansyah, P. J., Idris, A. M., ... & Fadzli, M. N. (2019, February). Porosity and permeability properties of Nano black rice hush ash in porous concrete pavement. In IOP Conference Series: Earth and Environmental Science (Vol. 244, No. 1, p. 012039). IOP Publishing.
26.	ISI-WOS	Nordiana, M., Aifa, W. W. N., **Hainin, M. R**., Naqiuddin, M. M., Norhidayah, A. H., Haryati, Y., ... & Ramadhansyah, P. J. (2019, February). Rutting resistance of untreated and treated waste cooking oil in bitumen after aging condition. In IOP Conference Series: Earth and Environmental Science (Vol. 244, No. 1, p. 012041). IOP Publishing.
27.	ISI-WOS	Rahmat, N. A., Hassan, N. A., Jaya, R. P., Satar, M. M., Azahar, N. M., Ismail, S., & **Hainin, M. R.** (2019, February). Effect of compaction temperature on the performance of dense-graded asphalt mixture. In IOP Conference Series: Earth and Environmental Science (Vol. 244, No. 1, p. 012012). IOP Publishing.
28.	ISI-WOS	Ramadhansyah, P. J., Azman, M. K., Idris, A. M., Aifa, W. W. N., Ekarizan, S., **Hainin, M. R**., ... & Haryati, Y. (2019, February). Voids Characteristic of Hot Mix Asphalt Containing Waste Cooking Oil. In IOP Conference Series: Earth and Environmental Science (Vol. 244, No. 1, p. 012049). IOP Publishing.
29.	ISI-WOS	Wahid, C. M. F. H. C., Aminudin, E., Majid, M. Z. A., **Hainin, M. R.,** Neardey, M., & Ramli, M. R. (2019, March). Carbon footprint calculator for Malaysia green highway index. In Proceedings of the 8th International Conference on Informatics, Environment, Energy and Applications (pp. 6-10).
30.	ISI-WOS	Azahar, N. M., Hassan, N. A., Putrajaya, R., **Hainin, M. R.,** Puan, O. C., Shukry, N. A. M., & Hezmi, M. A. (2019, January). Engineering properties of asphalt binder modified with cup lump rubber. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012014). IOP Publishing.

NO.	TYPE	PAPER
31.	ISI-WOS	Hamza, M., Shahid, S., **Bin Hainin, M. R.,** & Nashwan, M. S. (2019). Construction labour productivity: review of factors identified. International Journal of Construction Management, 1-13.
32.	ISI-WOS	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. (2019, January). Correlation between functional and structural properties of flexible pavement. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012007). IOP Publishing.
33.	ISI-WOS	Baskara, S. N., Yaacob, H., **Hainin, M. R.,** Hassan, S. A., Mashros, N., Yunus, N. Z. M., ... & Nor, H. M. (2019, January). Influence of pavement condition towards accident number on Malaysian highway. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012008). IOP Publishing.
34.	ISI-WOS	Wahid, C. M. F. H. C., Ramli, M. R., Aminudin, E., Noor, Z. Z., Neardey, M., Zakaria, R., **Hainin, M. R.,** Satar, M. K. I. M., Warid, M. N. M., Majid, M. Z. A., & Sa'Ar, C. C. (2019, April). Review on the method for carbon footprint calculation of highway development. In IOP Conference Series: Materials Science and Engineering (Vol. 513, No. 1, p. 012001). IOP Publishing.
35.	ISI-WOS	**Hainin, M. R.**, Ramadhansyah, P. J., Awang, H., Azman, M. K., Suhana, M. I., Nordiana, M., ... & Ros, I. C. (2019, January). Marshall stability properties of asphaltic concrete with kaolin clay under aging. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012040). IOP Publishing.
36.	ISI-WOS	Ismail, S., Hassan, N. A., Yaacob, H., **Hainin, M. R.,** Ismail, C. R., Mohamed, A., & Satar, M. K. I. M. (2019, January). Properties of dense-graded asphalt mixture compacted at different temperatures. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012010). IOP Publishing.
37.	ISI-WOS	Mahssin, Z. Y., Hassan, N. A., Yaacob, H., Puteh, M. H., Amin, N. A. S., Zainol, M. M., & **Hainin, M. R**. (2019, January). Characterization of asphalt binder containing hydrothermal liquefied composition extracted from food waste. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012013). IOP Publishing.
38.	ISI-WOS	Marwan, H., **Hainin, M. R.,** Warid, M. N. M., Idham, M. K., & Naqibah, S. N. (2019, January). Evaluation of vehicle overloading along Muar-Melaka road. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012017). IOP Publishing.
39.	ISI-WOS	Noor, Z. A. M., **Hainin, M. R.,** Idham, M. K., Warid, M. N. M., & Naqibah, S. N. (2019, January). Relationship between rutting, roughness and resilient modulus of flexible expressway pavement. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012019). IOP Publishing.
40.	ISI-WOS	Selamat, N. A., **Hainin, M. R.,** Warid, M. N. M., Idham, M. K., & Naqibah, S. N. (2019, January). Investigation on road damage due to vehicle overloading of high volume Ipoh state road. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012018). IOP Publishing.
41.	ISI-WOS	Zaid, N. B. M., **Hainin, M. R**., Idham, M. K., Warid, M. N. M., & Naqibah, S. N. (2019, January). Evaluation of Skid Resistance Performance Using British Pendulum and Grip Tester. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012016). IOP Publishing.
42.	ISI-WOS	Puan, O. C., Nor, N. S. M., Mashros, N., & **Hainin, M. R.** (2019, October). Applicability of an automatic pneumatic–tube–based traffic counting device for collecting data under mixed traffic. In IOP Conference Series: Earth and Environmental Science (Vol. 365, No. 1, p. 012032). IOP Publishing.

NO.	TYPE	PAPER
43.	ISI-WOS	Yaacob, H., Chang, F. L., Jaya, R. P., **Hainin, M. R**., Rashid, A. S. A., & Hassan, N. A. (2018). Assessing the Bond Strength of Hot Mix Asphalt Pavement for Wearing and Binder Courses. *International Journal of Technology*, *9*(5), 925-935, ISSN 2086-9614, WOS
44.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** Idham, M. K., & Abayomi, M. (2018, July). Workability and rheological properties of eva-modified bitumen compared with PG 76 binder. Jurnal Teknologi, 80 (4), 117-124, ISSN: 2180-3722, WOS
45.	ISI-WOS	Mughal, M. A., **Hainin, M. R.,** Jaya, R. P., Yunus, M. F., Rahman, M. D., Idham, M. K., & Warid, M. N. M. (2018). Stabilizing Asphalt Concrete Using Kenaf Fibers. *Advanced Science Letters*, *24*(6), 3963-3967, ISSN: 1936-6612, IF: 1.253, WOS-Q2
46.	ISI-WOS	Bujang, M., **Hainin, M. R.**, Majid, M. Z. A., Satar, M. K. I. M., & Azahar, W. N. A. W. (2018). Assessment framework for pavement material and technology elements in green highway index. Journal of Cleaner Production, 174, 1240-1246, ISSN: 0959-6526, IF: 5.715, WOS-Q1.
47.	ISI-WOS	Lopa, R. S., Jaya, R. P., Mashros, N., Hassan, N. A., Yaacob, H., **Hainin, M. R.,** ... & Ramli, N. I. (2018, November). Creep stiffness and voids characteristic of asphalt mixture with waste cooking oil after aging. In AIP Conference Proceedings (Vol. 2030, No. 1, p. 020181). AIP Publishing.
48.	ISI-WOS	Othman, Z., **Hainin, M. R.,** Warid, M. N. M., Idham, M. K., & Kamarudin, S. N. N. (2018). Cup lump modified asphalt mixture along jalan Kuala Lumpur-Kuantan, daerah Temerloh, Pahang. In MATEC Web of Conferences (Vol. 250, p. 02007). EDP Sciences.
49.	ISI-WOS	Rasman, M., Hassan, N. A., **Hainin, M. R.,** Jaya, R. P., Haryati, Y., Shukry, N. A. M., ... & Kamaruddin, N. H. M. (2018). Engineering properties of bitumen modified with bio-oil. In MATEC Web of Conferences (Vol. 250, p. 02003). EDP Sciences.
50.	ISI-WOS	Abdullah, M. E., Ramadhansyah, P. J., Rafsanjani, M. H., Norhidayah, A. H., Yaacob, H., **Hainin, M. R.,** ... & Mashros, N. (2018, April). Effects of Kaolin Clay on the Mechanical Properties of Asphaltic Concrete AC14. In IOP Conference Series: Earth and Environmental Science (Vol. 140, No. 1, p. 012121). IOP Publishing.
51.	ISI-WOS	**Hainin, M. R.,** Idham, M. K., Yaro, N. S. A., Hussein, S. O. A. E., Warid, M. N. M., Mohamed, A., Naqibah, S. N. & Ramadhansyah, P. J. (2018, April). Performance of Hot Mix Asphalt Mixture Incorporating Kenaf Fibre. In IOP Conference Series: Earth and Environmental Science (Vol. 140, No. 1, p. 012092). IOP Publishing.
52.	ISI-WOS	Ting, T. L., Ramadhansyah, P. J., Norhidayah, A. H., Yaacob, H., **Hainin, M. R.,** Ibrahim, M. W., ... & Abdullahi, A. M. (2018, April). Effect of Treated Coconut Shell and Fiber on the Resilient Modulus of Double-layer Porous Asphalt at Different Aging. In IOP Conference Series: Earth and Environmental Science (Vol. 140, No. 1, p. 012065). IOP Publishing.
53.	ISI-WOS	Zulkefli, R. R., Yaacob, H., Jaya, R. P., Warid, M. N. M., Hassan, N., **Hainin, M. R.,** & Idham, M. K. (2018, April). Effect of different sizes of palm oil fuel ash (POFA) towards physical properties of modified bitumen. In IOP Conference Series: Earth and Environmental Science (Vol. 140, No. 1, p. 012108). IOP Publishing
54.	ISI-WOS	Shukry, N. A. M., Hassan, N. A., Abdullah, M. E., **Hainin, M. R.,** Yusoff, N. I. M., Jaya, R. P., & Mohamed, A. (2018, April). Effect of various filler types on the properties of porous asphalt mixture. In IOP Conference Series: Materials Science and Engineering (Vol. 342, No. 1, p. 012036).
55.	ISI-WOS	Jaya, R. P., **Hainin, M. R.,** Hassan, N. A., Yaacob, H., Satar, M. K. I. M., Warid, M. N. M., Mohamed, A., Abdullah, M. E., & Ramli, N. I. (2018). Marshall stability properties

NO.	TYPE	PAPER
		of asphalt mixture incorporating black rice husk ash. Materials Today: Proceedings, 5(10), 22056-22062, ISSN: 2214-7853, WOS
56.	ISI-WOS	Jaya, R. P., **Hainin, M. R.,** Ibrahim, M. H. W., Nazri, F. M., Arshad, M. F., & Muthusamy, K. (2018). Physical and Chemical Properties of Rice Husk Ash Concrete Under Seawater. *International Journal of Integrated Engineering*, *10*(4), ISSN, 2229-838X, WOS
57.	ISI-WOS	Jaya, R. P., Wan, C. N. C., **Hainin, M. R.,** Warid, M. N. M., Ibrahim, M. H. W., Nazri, F. M., & Arshad, M. F. (2018). Strength Properties of Rice Husk Ash Concrete Under Sodium Sulphate Attack. *International Journal of Integrated Engineering*, *10*(4), ISSN, 2229-838X, WOS
58.	ISI-WOS	Mahmud, M. Z. H., Hassan, N. A., **Hainin, M. R.,** & Ismail, C. R. (2017). Microstructural investigation on air void properties of porous asphalt using virtual cut section. Construction and Building Materials, 155, 485-494, IF: 3.169, WOS-Q1.
59.	ISI-WOS	Abd Kader, S. A., Jaya, R. P., Yaacob, H., **Hainin, M. R.**, Hassan, N. A., Ibrahim, M. H. W., & Mohamed, A. A. (2017). Stability and Volumetric Properties of Asphalt Mixture Containing Waste Plastic. In MATEC Web of Conferences (Vol. 103, p. 09002). EDP Sciences.
60.	ISI-WOS	Rahman, M. T., **Hainin, M. R.**, & Bakar, W. A. W. A. (2017). Use of waste cooking oil, tire rubber powder and palm oil fuel ash in partial replacement of bitumen. Construction and Building Materials, 150, 95-104, ISSN: 0950-0618, IF: 3.169, WOS-Q1
61.	ISI-WOS	Azahar, W. N. A. W., Jaya, R. P., **Hainin, M. R.,** Bujang, M., & Ngadi, N. (2017). Mechanical performance of asphaltic concrete incorporating untreated and treated waste cooking oil. Construction and Building Materials, 150, 653-663, ISSN: 0950-0618, IF: 3.169, WOS-Q1
62.	ISI-WOS	Rahman, F. A., Aziz, M. M. A., Saidur, R., Bakar, W. A. W. A., **Hainin, M. R**., Putrajaya, R., & Hassan, N. A. (2017). Pollution to solution: Capture and sequestration of carbon dioxide (CO2) and its utilization as a renewable energy source for a sustainable future. Renewable and Sustainable Energy Reviews, 71, 112-126, ISSN: 1364-0321, IF: 8.05, WOS-Q1
63.	ISI-WOS	Farouk, A. I. B., Hassan, N. A., Mahmud, M. Z. H., Mirza, J., Jaya, R. P., **Hainin, M. R.,** Yaacob, H., & Yusoff, N. I. M. (2017). Effects of mixture design variables on rubber–bitumen interaction: properties of dry mixed rubberized asphalt mixture. Materials and Structures, 50(1), 12, pp 1-10 , ISSN: 1359-5997, IF:2.607, WOS-Q1
64.	ISI-WOS	Abdullah, M. E., Ahmad, N. A., Jaya, R. P., Hassan, N. A., Yaacob, H., & **Hainin, M. R.** (2017, May). Effects of Waste Plastic on the Physical and Rheological Properties of Bitumen. In IOP Conference Series: Materials Science and Engineering (Vol. 204, No. 1, p. 012016). IOP Publishing.
65.	ISI-WOS	Haron, Z., Othman, M. H., Hee, L. M., Yahya, K., **Hainin, M. R.,** Darus, N., & Leong, M. S. (2017). Exterior Noise Due to Interaction of Tyre-Thermoplastic Transverse Rumble Strips. Archives of Acoustics, 42(3), 449-457, ISSN: 0137-5075, IF: 0.816, WOS-Q3.
66.	ISI-WOS	Yacoob, H., Jaya, R. P., Madzaili, A. H., Hassan, N. A., **Hainin, M. R.,** & Nazri, F. M. (2017). Stability properties of asphalt mixture incorporating coconut shell. Journal of Fundamental and Applied Sciences, 9(6S), 16-24.
67.	ISI-WOS	Chang, F. L., Yaacob, H., **Hainin, M. R.,** & Rashid, A. S. A. (2017, August). Development of Asphalt Pull out Tester for Investigation of Tack Coat Adhesiveness. In IOP Conference Series: Materials Science and Engineering (Vol. 226, No. 1, p. 012032). IOP Publishing.

NO.	TYPE	PAPER
68.	ISI-WOS	Yusak, M. I. M., Abdullah, M. E., Jaya, R. P., **Hainin, M. R.**, & Ibrahim, M. H. W. (2017, August). Effect of Nano Silica on the Physical Property of Porous Concrete Pavement. In IOP Conference Series: Materials Science and Engineering (Vol. 226, No. 1, p. 012043). IOP Publishing.
69.	ISI-WOS	Hassan, N. A., Kamaruddin, N. H. M., **Hainin, M. R.,** & Abdullah, M. E. (2017, August). Effect of Warm Asphalt Additive on the Creep and Recovery Behaviour of Aged Binder Containing Waste Engine Oil. In IOP Conference Series: Materials Science and Engineering (Vol. 226, No. 1, p. 012066). IOP Publishing.
70.	ISI-WOS	Farouk, A. I. B., Hassan, N. A., Mahmud, M. Z. H., Mirza, J., Jaya, R. P., **Hainin, M. R**., ... & Yusoff, N. I. M. (2017). Effects of mixture design variables on rubber–bitumen interaction: properties of dry mixed rubberized asphalt mixture. Materials and Structures, 50(1), 1-10.
71.	ISI-WOS	Oluwasola, E. A., & **Hainin, M. R.** (2016). Evaluation of Performance Characteristics of Stone Mastic Asphalt Incorporating Industrial Waste. Journal of Materials in Civil Engineering, 28(12), ISSN: 0899-1561, IF: ISSN: 0899-1561, IF: 1.644, WOS-Q3
72.	ISI-WOS	Azahar, W. N. A. W., Jaya, R. P., **Hainin, M. R.,** Bujang, M., & Ngadi, N. (2016). Chemical modification of waste cooking oil to improve the physical and rheological properties of asphalt binder. Construction and Building Materials, 126, 218-226, ISSN: 0950-0618, IF: 3.169, WOS-Q1
73.	ISI-WOS	**Hainin, M. R**., Oluwasola, E. A., & Brown, E. R. (2016). Density profile of hot mix asphalt layer during compaction with various types of rollers and lift thickness. Construction and Building Materials, 121, 265-277, ISSN: 0950-0618, IF: 3.169, WOS-Q1.
74.	ISI-WOS	Abdullah, M. E., **Hainin, M. R**., Yusoff, N. I. M., Zamhari, K. A., & Hassan, N. (2016). Laboratory evaluation on the characteristics and pollutant emissions of nanoclay and chemical warm mix asphalt modified binders. Construction and Building Materials, 113, 488-497, ISSN: 0950-0618, IF: 3.169, WOS-Q1
75.	ISI-WOS	Abdullah, M. E., Zamhari, K. A., **Hainin, M. R.,** Oluwasola, E. A., Hassan, N. A., & Yusoff, N. I. M. (2016). Engineering properties of asphalt binders containing nanoclay and chemical warm-mix asphalt additives. Construction and Building Materials, 112, 232-240, ISSN: 0950-0618, IF: 3.169, WOS-Q1
76.	ISI-WOS	Jayanti, D. S., Mirza, J., Jaya, R. P., Bakar, B. H. A., Hassan, N. A., & **Hainin, M. R**. (2016, April). Chloride penetration of RHA concrete under marine environment. In Proceedings of the Institution of Civil Engineers-Maritime Engineering (Vol. 169, No. 2, pp. 76-85). Thomas Telford Ltd, ISSN: 1741-7597, IF: 0.286, WOS-Q4.
77.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** & Aziz, M. M. A. (2016). Comparative evaluation of dense-graded and gap-graded asphalt mix incorporating electric arc furnace steel slag and copper mine tailings. Journal of Cleaner Production, 122, 315-325, ISSN: 0959-6526, IF: 5.715, WOS-Q1
78.	ISI-WOS	Abdullah, M. E., Zamhari, K. A., **Hainin, M. R.,** Oluwasola, E. A., Yusoff, N. I. M., & Hassan, N. A. (2016). High temperature characteristics of warm mix asphalt mixtures with nanoclay and chemical warm mix asphalt modified binders. Journal of Cleaner Production, 122, 326-334, ISSN: 0959-6526, IF: 5.715, WOS-Q1
79.	ISI-WOS	Ariffin, A. H., Solah, M. S., Hamzah, A., Isa, M. H. M., Jawi, Z. M., Yusoff, N. I. M., & **Hainin, M. R**. (2016). Exploratory study on airbag suitability for low engine capacity motorcycles. Jurnal Teknologi, 78(4), 65-69, ISSN: 2180-3722, WOS
80.	ISI-WOS	Mohamed, A., Khalid, N. H. A., Nor, H. M., **Hainin, M. R**., Jaya, R. P., Sam, A. R. M., & Ismail, C. R. (2016). Determination Of Groove And Mechanical Properties Of Underside Shaped Concrete Paver. traffic, 3, 4, ISSN: 2180-3722, WOS

NO.	TYPE	PAPER
81.	ISI-WOS	Hashim, W., **Hainin, M. R.,** Ismail, N. N., Yusoff, N. I. M., Abdullah, M. E., & Hassan, N. A. (2016). Evaluating the cooling rate of hot mix asphalt in tropical climate. Jurnal Teknologi, 78(4), 97-104, ISSN: 2180-3722, WOS.
82.	ISI-WOS	Azahar, W. N. A. W., Bujang, M., Jaya, R. P., **Hainin, M. R**., Ngadi, N., Abdullah, M. E., & Mohamed, A. A. (2016). A review on application of waste cooking oil as rejuvenator in porous asphalt mixture. Jurnal Teknologi, 78(4), 105-109, ISSN: 2180-3722, WOS
83.	ISI-WOS	Azahar, W. N. A. W., Bujang, M., Jaya, R. P., **Hainin, M. R**., Mohamed, A., Ngadi, N., & Jayanti, D. S. (2016). The potential of waste cooking oil as bio-asphalt for alternative binder–an overview. Jurnal Teknologi, 78(4), 111-116, ISSN: 2180-3722, WOS
84.	ISI-WOS	Babashamsi, P., Yusoff, N., & **Hainin, M. R.** (2016). The effect of preservation maintenance activities in asphalt concrete pavement sustainability. Jurnal Teknologi, 78(4), 117-124, ISSN: 2180-3722, WOS
85.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** Aziz, M. M. A., & Warid, M. N. M. (2016). Volumetric Properties and Leaching Effect of Asphalt Mixes with Electric Arc Furnace Steel Slag and Copper Mine Tailings. Sains Malaysiana, 45(2), 279-287, ISSN: 0126-6039, IF: 0.47, WOS-Q3
86.	ISI-WOS	Baskara, S. N., Yaacob, H., **Hainin, M. R.,** & Hassan, S. A. (2016). Accident Due To Pavement Condition–A. Jurnal Teknologi, 78(7-2), 75-82, ISSN: 2180-3722, WOS
87.	ISI-WOS	Abdullah, N. M., Hassan, N. A., Shukry, N. M., Mahmud, M. Z. H., Jaya, R. P., **Hainin, M. R.,** & Yusoff, N. I. M. (2016). Evaluating potential of diatomite as anti clogging agent for porous asphalt mixture. Jurnal Teknologi, 78(7-2), 105-111, ISSN: 2180-3722, WOS
88.	ISI-WOS	Shukry, N. A. M., Hassan, N. A., **Hainin, M. R.**, Abdullah, M. E., Abdullah, N.A.M., Mahmud, M. Z. H., Putrajaya, R., & Mashros, N. (2016). Experimental Evaluation Of Anti-Stripping Additives On Porous Asphalt Mixtures. Jurnal Teknologi, 78(7-2), 113-119, ISSN: 2180-3722 WOS
89.	ISI-WOS	Yaacob, H., Ali Mughal, M., Jaya, R. P., **Hainin, M. R**., Jayanti, D. S., & Che Wan, C. N. (2016). Rheological properties of styrene butadiene rubber modified bitumen binder. J. Teknologi, 78, 121-126, ISSN: 2180-3722 WOS
90.	ISI-WOS	Norhafizah, M., Ramadhansyah, P. J., Amiera, S. N. J., Aqeela, N. M., Norhidayah, A. H., **Hainin, M. R**., & Norazman, C. C. (2016). The effect of coconut shell on engineering properties of porous asphalt mixture. Jurnal Teknologi, 78(7-2), 127-132, ISSN: 2180-3722 WOS
91.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** Aziz, M. M. A., & Yeroc, S. A. (2016). Effect of moisture damage on gap-graded asphalt mixture incorporating electric arc furnace steel slag and copper mine tailings. Jurnal Teknologi, 78(7-3).
92.	ISI-WOS	Mustafa, K. H., Aziz, M. M. A., **Hainin, M. R.,** A. A. Z., & Warid, M. N. M. (2016). A Review on Crack Relief Layer (crl) in Roads and Highways. Jurnal Teknologi, 78(7-3), 45-52, ISSN: 2180-3722, WOS
93.	ISI-WOS	Othman, M. H., Haron, Z., Hee, L. M., Yahya, K., **Hainin, M. R.,** & Leong, M. S. (2015). Transverse rumble strips thickness design for road users' comfort. International Journal Of Advanced And Applied Sciences, 2(12), 40-45.
94.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** & Aziz, M. M. A. (2015). Evaluation of rutting potential and skid resistance of hot mix asphalt incorporating electric arc furnace steel slag and copper mine tailing. Indian Journal Of Engineering And Materials Sciences, 22(5), 550-558, ISSN: 0971-4588, IF: 0.485, WOS-Q4

NO.	TYPE	PAPER
95.	ISI-WOS	Aziz, M. M. A., Rahman, M. T., **Hainin, M. R.,** & Bakar, W. A. W. A. (2015). An overview on alternative binders for flexible pavement. Construction and Building Materials, 84, 315-319, ISSN: 0950-0618, IF: 3.169, WOS-Q1
96.	ISI-WOS	Hassan, N. A., Airey, G. D., Yusoff, N. I. M., **Hainin, M. R.,** Putrajaya, R., Abdullah, M. E., & Aziz, M. M. A. (2015). Microstructural characterisation of dry mixed rubberised asphalt mixtures. Construction and Building Materials, 82, 173-183. ISSN: 0950-0618, IF: 3.169, WOS-Q1.
97.	ISI-WOS	Yaacob, H., Chang, F. L., **Hainin, M. R**., & Jaya, R. P. (2015). Curing of asphalt emulsified tack coat subjected to Malaysian weather conditions. Journal of Materials in Civil Engineering, 27(4), 04014147. ISSN: 0899-1561, IF: 1.644, WOS-Q2
98.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R**., & Aziz, M. M. A. (2015). Evaluation of asphalt mixtures incorporating electric arc furnace steel slag and copper mine tailings for road construction. Transportation Geotechnics, 2, 47-55, ISSN 2214-3912, WOS
99.	ISI-WOS	Raman, N. A. A., **Hainin, M. R.,** Hassan, N. A., & Ani, F. N. (2015). A Review on the Application of Bio-oil as an Additive for Asphalt. Jurnal Teknologi, 72(5), ISSN: 2180-3722 WOS
100.	ISI-WOS	**Hainin, M. R.,** Aziza, M. M. A., Feizabadi, S. M., Jaya, R. P., Hassan, N. A., & Jakarni, F. M. (2015). An Overall Review: Modified Asphalt Binder Containing Sasobit in Warm-Mix Asphalt Technology. Jurnal Teknologi, 73(4), ISSN: 2180-3722 WOS
101.	ISI-WOS	**Hainin, M. R.,** Aziz, M. M. A., Ali, Z., Jaya, R. P., El-Sergany, M. M., & Yaacob, H. (2015). Steel slag as a road construction material. JurnalTeknologi, 73(4), 33-38, ISSN: 2180-3722 WOS
102.	ISI-WOS	Yero, A. S., Ahmed, T. Y., & **Hainin, M. R.** (2015). Evaluation Of Major Causes Of Road Accidents Along North-East Highway, Nigeria. Jurnal Teknologi, 73(4), ISSN: 2180-3722 WOS
103.	ISI-WOS	Aifa, W. N., **Hainin, M. R.,** Majid, M. A., MohamadZin, R., Yaacob, H., Zakaria, R., & Bujang, M. (2015). Pavement Technology Elements in Green Highway. Jurnal Teknologi (Sciences & Engineering), 73(4), 45-49. ISSN: 2180-3722 WOS
104.	ISI-WOS	**Hainin, M. R.,** Aziz, M. M. A., Adnan, A. M., Hassan, N. A., Jaya, R. P., & Liu, H. Y. (2015). Performance of modified asphalt binder with tire rubber powder. Jurnal Teknologi, 73(4), 55-60, ISSN: 2180-3722 WOS
105.	ISI-WOS	Abdullah, M. E., Zamhari, K. A., Buhari, R., Kamaruddin, N. H. M., Nayan, N., **Hainin, M. R.,** Hassan, N. A. Jaya, R. P., & Yusoff, N. I. M. (2015). A review on the exploration of nanomaterials application in pavement engineering. Jurnal Teknologi, 73(4), 69-76, ISSN: 2180-3722 WOS
106.	ISI-WOS	Rusbintardjo, G., **Hainin, M. R.,** & Yusoff, N. I. M. (2015). Improvement in properties of expansive clay by stabilizing with Buton rock asphalt. Jurnal Teknologi, 73(4), 105-110, ISSN: 2180-3722 WOS
107.	ISI-WOS	Othman, M. H., Haron, Z., **Hainin, M. R.,** Yahya, K., Yaacob, H., & Sanik, M. E. (2015). Malaysian Transverse Rumble Strips: A Review and Recommendations for Practice. Jurnal Teknologi, 73(4), 117-123, ISSN: 2180-3722 WOS
108.	ISI-WOS	Hamzah, M. O., Kakar, M. R., & **Hainin, M. R.** (2015). An overview of moisture damage in asphalt mixtures. Jurnal Teknologi (Sciences & Engineering), 73(4), 125-131, ISSN: 2180-3722 WOS
109.	ISI-WOS	Hamzah, M. O., Omranian, S. R., Golchin, B., & **Hainin, M. R.** (2015). Evaluation of effects of extended short-term aging on the rheological properties of asphalt binders at intermediate temperatures using respond surface method. Jurnal Teknologi, 73(4), 133-139, ISSN: 2180-3722 WOS

NO.	TYPE	PAPER
110.	ISI-WOS	Puan, O. C., Ismail, C. R., **Hainin, M. R**., Minhans, A., & Nor, N. S. M. (2015). Midblock U–Turn Facilities On Multilane Divided Highways: An Assessment Of Driver's Merging Gap And Stop Delays. Jurnal Teknologi, 76(14), ISSN: 2180-3722 WOS
111.	ISI-WOS	Wahab, M. S. A., Ramli, I., Hassan, S. A., **Hainin, M. R.,** Minhans, A., & Bahru, U. J. (2015). Demand Analysis Of Parking At Machap Northbound Rest And Service Area. Jurnal Teknologi, 76(14), ISSN: 2180-3722 WOS
112.	ISI-WOS	Hassan, N. A., Abdullah, N. A. M., Shukry, N. A. M., Mahmud, M. Z. H., Yunus, N. Z. M., Putrajaya, R., **Hainin, M. R.,** & Yaacob, H. (2015). Laboratory evaluation on the effect of clogging on permeability of porous asphalt mixtures. Jurnal Teknologi, 76(14), 77-84, ISSN: 2180-3722 WOS
113.	ISI-WOS	Azahar, W. N. A. W., Bujang, M., Putra Jaya, R., **Hainin, M. R.,** Aziz, M. M. A., & Ngadi, N. (2015). Application of nanotechnology in asphalt binder: A conspectus and overview. Jurnal Teknologi, 76(14), ISSN: 2180-3722 WOS
114.	ISI-WOS	Yusak, M. I. M., Jaya, R. P., **Hainin, M. R**., Ismail, C. R., & Ibrahim, M. H. W. (2015). Strength Of Porous Concrete Pavement At Different Curing Methods. Jurnal Teknologi, 76(14), ISSN: 2180-3722 WOS
115.	ISI-WOS	Mosa, A. M., Ismail, N. N., Yusoff, N. I. M., Mubaraki, M. A., Memon, N. A., Taha, M. R., & **Hainin, M. R**. (2015). An expert system to remedy concrete imperfections and their effects on rigid pavements. Jurnal Teknologi, 76(14), 105-119.
116.	ISI-WOS	Balubaid, S., Bujang, M., Aifa, W. N., Seng, F. K., Rooshdi, R. R. R. M., Hamzah, N., Yazid, Y. S. M., Abd Majid, M. Z., Zin, R. M., Zakaria, R., **Hainin, M. R.,** Yaacob, H., & Ismail, H. H (2015). Assessment index tool for green highway in Malaysia. Jurnal Teknologi, 77(16), 99-104, ISSN: 2180-3722 WOS
117.	ISI-WOS	Warid, M. N. M., **Hainin, M. R.,** Haryati Yaacob, M., Aziz, M. A., Idham, M. K., Abdul, N. A., & Raman, R. M. (2015). Effect Of Styrene-Butadiene On Rheological Properties Of Asphalt Emulsion. Jurnal Teknologi, 77(23), 1-5, ISSN: 2180-3722, WOS
118.	ISI-WOS	Idham, M. K., **Hainin, M. R**., Warid, M. N. M., Raman, N. A. A., & Mamat, R. (2015). Evaluation on the performance of aged asphalt binder and mixture under various aging methods. Jurnal Teknologi, 77(23), 7-12, ISSN: 2180-3722, WOS
119.	ISI-WOS	Raman, N. A. A., **Hainin, M. R**., Hassan, N. A., Ani, F. N., Warid, M. N. M., Idham, M. K. & Mamat, R. (2015). Effect Of Bio-Oil From Empty Fruit Bunch On Penetration Index Of Asphalt Binder. Jurnal Teknologi, 77(23), 13-17, ISSN: 2180-3722, WOS
120.	ISI-WOS	Mamat, R., **Hainin, M. R.,** Hassan, N. A., Rahman, N. A. A., Warid, M. N. M., & Khairul, M. (2015). A Review Of Performance Asphalt Mixtures Using Bio-Binder As Alternative Binder. Jurnal Teknologi, 77(23), 17-20, ISSN: 2180-3722, WOS
121.	ISI-WOS	Idham, M. K., & **Hainin, M. R.** (2015). The effect of incorporating reclaimed asphalt pavement on the performance of hot mix asphalt mixtures. Jurnal Teknologi, 77(32), 99-104, ISSN: 2180-3722 WOS
122.	ISI-WOS	Ahmed, I., Abdulrahman, S., **Hainin, M. R.,** & Hassan, S. A. (2014). Trip Generations at "Polyclinic" Land Use Type in Johor Bahru, Malaysia. Promet-Traffic&Transportation, 26(6), 467-473.
123.	ISI-WOS	Yaacob, H., Chang, F. L., & **Hainin, M. R.** (2014). Marshall properties of single-face-compacted asphalt specimen. Materials Research Innovations, 18(sup6), S6-121, ISSN: 1432-8917, IF: 0.83, WOS-Q4
124.	ISI-WOS	Aziz, M. M. A., **Hainin, M. R.,** Yaacob, H., Feizabadi, S. M., Shokri, M., & Warid, M. N. M. (2014). Performance of warm-mix asphalt in the highway industry. Materials Research Innovations, 18(sup6), S6-245, ISSN: 1432-8917, IF: 0.83, WOS-Q4

NO.	TYPE	PAPER
125.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** Aziz, M. M. A., Yaacob, H., & Warid, M. N. M. (2014). Potentials of steel slag and copper mine tailings as construction materials. Materials Research Innovations, 18(sup6), S6-250, ISSN: 1432-8917, IF: 0.83, WOS-Q4
126.	ISI-WOS	Aziz, M. M. A., **Hainin, M. R.,** Yaacob, H., Ali, Z., Chang, F. L., & Adnan, A. M. (2014). Characterisation and utilisation of steel slag for the construction of roads and highways. Materials Research Innovations, 18(sup6), S6-255, ISSN: 1432-8917, IF: 0.83, WOS-Q4
127.	ISI-WOS	Warid, M. N. M., **Hainin, M. R.,** Yaacob, H., Aziz, M. M. A., & Idham, M. K. (2014). Thin cold-mix stone mastic asphalt pavement overlay for roads and highways. Materials Research Innovations, 18(sup6), S6-303, ISSN: 1432-8917, IF: 0.83, WOS-Q4
128.	ISI-WOS	**Hainin, M. R.,** Rusbintardjo, G., Hameed, M. A. S., Hassan, N. A., & Yusoff, N. I. M. (2014). Utilisation of steel slag as an aggregate replacement in porous asphalt mixtures. Jurnal Teknologi, 69(1).
129.	ISI-WOS	Hassan, N. A., Airey, G. D., & **Hainin, M. R.** (2014). Characterisation of micro-structural damage in asphalt mixtures using image analysis. Construction and Building Materials, 54, 27-38, ISSN: 0950-0618. IF: 3.169, WOS-Q1
130.	ISI-WOS	Yaacob, H., **Hainin, M. R**., Safuan, A., & Chang, F. L. (2014). Information for the Malaysian Asphalt Industry towards Better Pavement Interlayer Bonding. Sains Malaysiana, 43(3), 467-474. Laboratory Evaluation On The Effect Of Clogging On Permeability Of Porous Asphalt Mixtures, ISSN: 0126-6039, IF: 0.47, WOS-Q3
131.	ISI-WOS	**Hainin, M.R.,** Jaya, R.P., Ali Akbar, N.A., Jayanti, D.S., & Yusoff, N.I.M. (2014). Influence of palm oil fuel ash as a modifier on bitumen to improve aging resistance. Journal of Engineering Research, 2(1), pp. 34-46, IF: 0.62, WOS-Q4
132.	ISI-WOS	Yaacob, H., **Hainin, M. R.,** Safuan, A., & Chang, F. L. (2014). Single face compaction on laboratory Marshall specimen towards satisfactory degree of compaction and thickness. Sains Malays, 43(2), 295-302, ISSN: 0126-6039, IF: 0.47, WOS-Q3
133.	ISI-WOS	Ahmad, J., Yusoff, N. I. M., **Hainin, M. R.,** Rahman, M. Y. A., & Hossain, M. (2014). Investigation into hot-mix asphalt moisture-induced damage under tropical climatic conditions. Construction and Building Materials, 50, 567-576, ISSN: 0950-0618, IF: 3.169, WOS-Q1
134.	ISI-WOS	Ahmed, I., Ramli, I., & **Hainin, M. R.** (2014). Parking Generation by “Pharmacy” Land Use Type in Johor Bahru, Malaysia. Jurnal Teknologi, 69(2).
135.	ISI-WOS	Chang, F. L., Yaacob, H., & **Hainin, M. R.** (2014). Effect of Single Face Compaction on Stability and Flow of Asphalt Specimen. Jurnal Teknologi, 69(3).
136.	ISI-WOS	Ahmed, I., Mahmood, S. S., **Hainin, M. R.,** & Ramli, I. (2014). A Review of Selected Traffic Engineering Parameters in Police Crash Report Forms of Selected Countries. Jurnal Teknologi, 70(4).
137.	ISI-WOS	Yaacob, H., Hassan, N. A., **Hainin, M. R.,** & Rosli, M. F. (2014). Comparison of sand patch test and multi laser profiler in pavement surface measurement. Jurnal Teknologi, 70(4).
138.	ISI-WOS	**Hainin, M. R.,** Matori, M. Y., & Akin, O. E. (2014). Evaluation of factors influencing strength of foamed bitumen stabilised mix. Jurnal Teknologi, 70(4), pp. 111-119
139.	ISI-WOS	Yaacob, H., **Hainin, M. R.,** Nair, S., & Baskara, L. (2014). Effect of rainfall intensity and road crossfall on skid resistance of asphalt pavement. Jurnal Teknologi, 70(4), pp. 121-125
140.	ISI-WOS	Sufian, Z., Aziz, N. A., Matori, M. Y., Hussain, M. Z., **Hainin, M. R.,** & Oluwasola, E. A. (2014). Influence of active filler, curing time and moisture content on the strength properties of emulsion and foamed bitumen stabilized mix. Jurnal Teknologi, 70(4).

NO.	TYPE	PAPER
141.	ISI-WOS	Azman, M., Hasanan, M. N., **Hainin, M. R.,** & Hafizah, N. A. K. (2014). Effective thickness of bedding sand layer for shell groove-underside shaped concrete blocks for pavement. Jurnal Teknologi, 70(4).
142.	ISI-WOS	Hassan, J. S., Zin, R. M., Abd Majid, M. Z., Balubaid, S., & **Hainin, M. R.** (2014). Building energy consumption in Malaysia: An overview. Jurnal Teknologi, 70(7).
143.	ISI-WOS	Yafai, K. N., Hassan, J. S., Balubaid, S., Zin, R. M., & **Hainin, M. R.** (2014). Development of a risk assessment model for Oman construction industry. Jurnal Teknologi, 70(7).
144.	ISI-WOS	Rahman, M. T., Aziz, M. M. A., **Hainin, M. R.,** & Bakar, W. A. W. A. (2014). Impact of bitumen binder: Scope of bio-based binder for construction of flexible pavement. Jurnal Teknologi, 70(7).
145.	ISI-WOS	Oluwasola, E. A., **Hainin, M. R.,** & Aziz, M. M. A. (2014). Characteristics and utilization of steel slag in road construction. Jurnal Teknologi, 70(7).
146.	ISI-WOS	Jamion, N., **Hainin, M. R.,** & Yaacob, H. (2014). Performance of micro surfacing on expressway. Jurnal Teknologi, 70(7), pp. 125-129
147.	ISI-WOS	Bujang, M., **Hainin, M. R.,** Yadollahi, M., Majid, M. Z. A., Zin, R. M., & Azahar, W. N. W. (2014). Pavement material and technology elements in green highway rating systems-a conspectus. Jurnal Teknologi, 70(7).
148.	ISI-WOS	Mashros, N., **Hainin, M. R.,** Hassan, N. A., Yunus, N. Z. M., & Kadir, M. A. A. (2014). Exploring the pattern of platoon dispersion caused by traffic signal. Jurnal Teknologi, 71(3).
149.	ISI-WOS	Fung-Lung, C., Yaacob, H., **Hainin, M. R.,** & Rashid, A. S. A. (2014). Compilation of Pavement Interface Bond Strength Devices for Bond Strength Quantification. Jurnal Teknologi, 71(3).
150.	ISI-WOS	Abdullah, M. E., Zamhari, K. A., Buhari, R., Bakar, S. K. A., Kamaruddin, N. H. M., Nayan, N., **Hainin, M. R.,** ... & Yusoff, N. I. M. (2014). Warm mix asphalt technology: A review. Jurnal Teknologi, 71(3).
151.	ISI-WOS	Ahmed, I., Ahmed, B., & **Hainin, M. R.** (2014). Road Traffic Accident Characteristics in Dhaka, Bangladesh. Jurnal Teknologi, 71(3).
152.	ISI-WOS	Kamaruddin, N. H. M., **Hainin, M. R.,** Hassan, N. A., Abdullah, M. E., & Yaacob, H. (2014). Evaluation of pavement mixture incorporating waste oil. Jurnal Teknologi, 71(3).
153.	ISI-WOS	**Hainin, M. R.,** Aziz, M. M. A., Shokri, M., Jaya, R. P., Hassan, N. A., & Ahsan, A. (2014). Performance of steel slag in highway surface course. Jurnal Teknologi, 71(3).
154.	ISI-WOS	Abdullah, M. E., Zamhari, K. A., Buhari, R., Nayan, M. N., & **Mohd Rosli, H.** (2014). Short term and long term aging effects of asphalt binder modified with montmorillonite (Vol. 594, pp. 996-1002). Trans Tech Publications.
155.	ISI-WOS	Jaya, R. P., Bakar, B. H. A., Johari, M. A. M., Ibrahim, M. H. W., **Hainin, M. R.,** & Jayanti, D. S. (2014). Strength and microstructure analysis of concrete containing rice husk ash under seawater attack by wetting and drying cycles. Advances in Cement Research, 26(3), 145-154, ISSN: 0951-7197, IF: 0.646, WOS-Q4
156.	ISI-WOS	Jayanti, D. S., Putra Jaya, R., Abdul Hassan, N., Aziz, M. A., **Hainin, M. R**., & Norazman, C. W. (2014). Performance of RHA Blended Cement Concrete under Sodium Chloride via Wetting and Drying. Applied Mechanics & Materials, (554).
157.	ISI-WOS	Jayanti, D. S., Ramadhansyah, P. J., Norhidayah, A. H., **Hainin, M. R.,** & Wan Ibrahim, M. H. (2014). Effect of rice husk ash fineness on the properties of concrete. In Applied Mechanics and Materials (Vol. 554, pp. 203-207). Trans Tech Publications Ltd.

NO.	TYPE	PAPER
158.	ISI-WOS	Ahmed, I., Abdulrahman, S., **Hainin, M. R.,** & Hassan, S. A. (2014). Trip Generations at "Polyclinic" Land Use Type in Johor Bahru, Malaysia. PROMET-Traffic&Transportation, 26(6), 467-473, ISSN: 0353-5320, IF: 0.43, WOS-Q4
159.	ISI-WOS	Rusbintardjo, G., **Hainin, M. R.,** & Yusoff, N. I. M. (2013). Fundamental and rheological properties of oil palm fruit ash modified bitumen. Construction and Building Materials, 49, 702-711, ISSN: 0950-0618, IF: 3.169, WOS-Q1
160.	ISI-WOS	Hamim, A., Hardwiyono, S., El-Shafie, A., Yusoff, N. I. M., & **Hainin, M. R.** (2013). Ramalan Cirian Reologi Campuran Berasfalt Menggunakan Rangkaian Saraf Tiruan. Jurnal Teknologi, 65(1).
161.	ISI-WOS	**Hainin, M. R.,** Yusoff, N. I. M., Satar, M. K. I. M., & Brown, E. R. (2013). 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, 48, 315-324, ISSN: 0950-0618, IF: 3.169, WOS-Q1
162.	ISI-WOS	Yusoff, N. I. M., **Hainin, M. R.,** Mounier, D., & Airey, G. D. (2013). The use of inter-conversion equations on bituminous binder data. Sains Malaysiana, 42(11), 1647-1654, ISSN: 0126-6039, IF: 0.47, WOS-Q3
163.	ISI-WOS	Wu, J., Yusoff, N. I. M., Jakarni, F. M., & **Hainin, M. R.** (2013). Correction of compliance errors in the dynamic shear modulus of bituminous binders data. Sains Malaysiana, 42(6), 783-792, ISSN: 0126-6039, IF: 0.47, WOS-Q3
164.	ISI-WOS	Yusoff, N. I. M., Jakarni, F. M., Nguyen, V. H., **Hainin, M. R.,** & Airey, G. D. (2013). Modelling the rheological properties of bituminous binders using mathematical equations. Construction and Building Materials, 40, 174-188, ISSN: 0950-0618, IF: 3.169, WOS-Q1
165.	ISI-WOS	Haron, Z., Othman, M. H., Yahya, K., **Hainin, M. R.,** & Yaacob, H. (2013). The Effect of Application of Transverse Rumble Strips on Traffic Noise Levels. Research Journal of Chemistry and Environment, 17(2), 13-18, ISSN: 0972-0626, IF: 0.636, WOS-Q4
166.	ISI-WOS	Azman, M., Nor, H. M., **Hainin, M. R.,** Yaacob, H., Ismail, C. R., & Nur Hafizah, A. K. (2013). The Effect of Groove–Underside Shaped Concrete Block on Pavement Permanent Deformation. Jurnal Teknologi, 61(3).
167.	ISI-WOS	**Hainin, M. R.,** Rusbintardjo, G., Aziz, M. A. A., Hamim, A., & Yusoff, N. I. M. (2013). Laboratory evaluation on steel slag as aggregate replacement in stone mastic asphalt mixtures. Jurnal Teknologi, 65(2).
168.	ISI-WOS	Ahmed, I., Ahmed, B., & **Hainin, M. R.** (2013). High-risk road accident corridors in Dhaka, Bangladesh. Jurnal Teknologi, 65(3).
169.	ISI-WOS	Zakaria, R., Seng, F. K., Majid, M. Z. A., Zin, R. M., **Hainin, M. R.,** Puan, O. C., ... & Balubaid, S. O. (2013). Energy efficiency criteria for green highways in Malaysia. Jurnal Teknologi, 65(3).
170.	ISI-WOS	Yaacob, H., **Hainin, M. R.**, Aziz, M. M. A., Warid, N. M., Chang, F. L., Ismail, C. R., & Hassan, N. A. (2013). Bitumen emulsion in Malaysia–a conspectus. Jurnal Teknologi, 65(3).
171.	ISI-WOS	Ramli, I., Yaacob, H., Hassan, N. A., Ismail, C. R., & **Hainin, M. R.** (2013). Fine aggregate angularity effects on rutting resistance of asphalt mixture. Jurnal Teknologi, 65(3).
172.	ISI-WOS	**Hainin, M. R.,** Akhir, N. M., Jaya, R. P., Yusoff, N. I. M., Yaacob, H., Ismail, C. R., & Hassan, N. A. (2013). Aggregate degradation characteristics of stone mastic asphalt mixtures. Jurnal Teknologi, 65(3).
173.	ISI-WOS	Hassan, N. A., **Hainin, M. R.,** Yaacob, H., Ismail, C. R., & Yunus, N. Z. M. (2013). Evaluation on mix design and rutting resistance of dry mixed rubberised asphalt mixtures. Jurnal Teknologi, 65(3).

NO.	TYPE	PAPER
174.	ISI-WOS	Yusoff, N. I. M., Jakarni, F. M., Nguyen, V. H., **Hainin, M. R.,** & Airey, G. D. (2013). Modelling the rheological properties of bituminous binders using mathematical equations. Construction and Building Materials, 40, 174-188, ISSN: 0950-0618, IF: 3.169, WOS-Q1
175.	ISI-WOS	Abdullah, M. E., Zamhari, K. A., Shamshudin, M. K., **Mohd Rosli, H.,** & Idham, M. K. (2013). Rheological properties of asphalt binder modified with chemical warm asphalt additive. In Advanced Materials Research (Vol. 671, pp. 1692-1699). Trans Tech Publications.
176.	ISI-WOS	Idham, M. K., **Mohd Rosli, H.,** Yaacob, H., Warid, M. N. M., & Abdullah, M. E. (2013). Effect of aging on resilient modulus of hot mix asphalt mixtures. In Advanced Materials Research (Vol. 723, pp. 291-297). Trans Tech Publications.
177.	ISI-WOS	Yaacob, H., **Mohd Rosli, H.,** & Chang, F. L. (2013). Properties of Single Face Compacted Porous Asphalt. In Applied Mechanics and Materials (Vol. 361, pp. 1590-1593). Trans Tech Publications.
178.	ISI-WOS	Wu, J., Nur, N. I., Jun, C., Yun, L., **Hainin, M. R.,** & Airey, G. D. (2012). Aging properties of HMB15 with varying binder film thicknesses. Sains Malaysiana, 41(12), 1595-1603, ISSN: 0126-6039, IF: 0.47, WOS-Q3
179.	ISI-WOS	Yusoff, N. I. M., **Hainin, M. R.,** & Airey, G. D. (2012). A comparative study of phase angle predictive equations using bituminous binder data. Arabian Journal for Science and Engineering, 37(6), 1571-1583, ISSN: 1319-8025, IF: 0.865, WOS-Q3
180.	ISI-WOS	Abdullah, M., Zamhari, K., Nayan, N., **Hainin, M.**, & Hermadi, M. (2012). Physical properties and storage stability of asphalt binder modified with nanoclay and warm asphalt additives. World Journal of Engineerin**g.**
181.	ISI-WOS	Yusoff, N. I. M., **Hainin, M. R.,** & Nor, H. M. (2012). Jointing Sand Characteristics of Interlocking Concrete Block Pavements at Different Slopes and Joint Widths. SAINS MALAYSIANA, 41(1), 103-110, ISSN: 0126-6039, IF: 0.47, WOS-Q3
182.	ISI-WOS	Ahmad, J., Abdul Rahman, M. Y., **Hainin, M. R.,** & Hossain, M. (2012). Comparative evaluation of hot-mix asphalt design methods. International Journal of Pavement Engineering, 13(2), 89-97, ISSN: 1029-8436, IF: 1.832, WOS-Q2
183.	ISI-WOS	Othman, M. H., Zaiton, H., Yusof, M., Badruddin, M., **Mohd Rosli, H**., Yahya, K., ... & Azman, S. (2012). Evaluation of External Noise Produced by Transverse Rumble Strips on Rural Roadways. In Advanced Materials Research (Vol. 446, pp. 2617-2623). Trans Tech Publications.
184.	ISI-WOS	Taha, M. R., Hardwiyono, S., Md Yusoff, N. I., Mohd Nayan, K. A., & **Hainin, M. R.** (2012). The effect of temperature changes on elastic modulus of flexible pavements. Jurnal Kejuruteraan, 24, 7-1**4.**
185.	ISI-WOS	Ling, T. C., Nor, H. M., **Hainin, M. R.,** & Lim, S. K. (2010). Long-term strength of rubberised concrete paving blocks. Proceedings of the Institution of Civil Engineers-Construction Materials, 163(1), 19-2**6.**
186.	ISI-WOS	Yero, A. S., **Hainin, M. R.,** & Chik, A. (2010). Rheogical Properties Of Bitumen Modified With Commercial Wax The "Green Asphalt" Technology. PROCEEDINGS OF THE SECOND INTERNATIONAL POSTGRADUATE CONFERENCE ON INFRASTRUCTURE AND ENVIRONMENT, VOL 1, 95-100
187.	ISI-WOS	Ling, T. C., Nor, H. M., **Hainin, M. R**., & Chik, A. A. (2009). Laboratory performance of crumb rubber concrete block pavement. International Journal of Pavement Engineering, 10(5), 361-374, ISSN: 1029-8436, IF: 1.832, WOS-Q2
188.	ISI-WOS	Ling, T. C., Nor, H. M., & **Hainin, M. R.** (2009). Properties of crumb rubber concrete paving blocks with :SBR latex. Road Materials and Pavement Design, 10(1), 213-222, ISSN: 1468-0629, IF: 1.401, WOS-Q2

NO.	TYPE	PAPER
189.	ISI-WOS	Brown, E., **Hainin, M. R.,** & Cooley Jr, L. A. (2005). Determining Minimum Lift Thickness for Hot Mix Asphalt (HMA) Mixtures (With Discussion). Journal of the association of asphalt paving technologists (AAPT), USA Vol. 74, 2005. ISSN 0270-2932, pp 23-66
190.	ISI-WOS	Cooley Jr, L. A., Prowell, B. D., & **Hainin, M. R.** (2003). Comparison of the saturated surface-dry and vacuum sealing methods for determining the bulk specific gravity of compacted HMA (with discussion and closure). Journal of the Association of Asphalt Paving Technologists, 72.
1.	SCOPUS	Wahab, W., Satar, M. K. I. M., Warid, M. N. M., Mazalan, N. A. A., Borhanuddin, N., Hassan, N. A., **Hainin, M. R.**, & Yaacob, H. (2025, July). Relationship Between Physical and Chemical Properties of Aged Bitumen Incorporating Rejuvenator. In *Proceedings of the Innovative and Sustainable Infrastructure International Convention: ISIIC 2023* (Vol. 632, p. 141). Springer Nature.
2.	SCOPUS	Razali, R., **Hainin, M. R.**, Mohd Satar, M. K. I., Kamarudin, S. N. N., & Hassan, N. A. (2025, April). The effect of using waste cooking oil additive in cup lump rubber warm mix asphalt. In AIP Conference Proceedings (Vol. 3056, No. 1, p. 030012). AIP Publishing LLC.
3.	SCOPUS	Kamarudin, S. N. N., Basri, H. F., Warid, M. N. M., **Hainin, M. R**., Alam, M. S., Shah, A. H. & Sari, Y. A. (2025, June). Potential of Self-healing Mechanism in Road Applications Incorporating Ureolytic Bacteria for a Sustainable Mixture. In *Proceedings of the 3rd International Conference on Highway and Transportation Engineering (ICHITRA): Disaster Resiliency for Future Development in Transportation Engineering* (Vol. 637, p. 33). Springer Nature.
4.	SCOPUS	Maha, M. R. A., Idham, M. K., & **Hainin, M. R**. (2024, June). Full extraction of asbuton bitumen for binder replacement in warm mix asphalt. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1369, No. 1, p. 012026). IOP Publishing.
5.	SCOPUS	Maha, M. R. A., Idham, M. K., & **Hainin, M. R.** (2024, January). Full Extraction Asbuton Bitumen Using Different Organic Solvents for Binder. In *Proceedings of AWAM International Conference on Civil Engineering 2022—Volume 2: AICCE, Sustainability and Resiliency* (Vol. 385, p. 93). Springer Nature.
6.	SCOPUS	Kamarudin, S. N. N., **Hainin, M. R**., Satar, M. K. I. M., Warid, M. N. M., Yaacob, H., & Lazi, M. K. A. M. (2024, June). Comparative assessment of hot and warm mix asphalt to develop a sustainable pavement: Kg Ayer Merah Mersing case study. In *IOP Conference Series: Earth and Environmental Science* (Vol. 1369, No. 1, p. 012025). IOP Publishing.
7.	SCOPUS	Usman, K. R**., Hainin, M. R.,** Satar, M. K. I. M., Warid, M. N. M., Usman, A., Al-Saffar, Z. H., & Bilema, M. A. (2021). A comparative assessment of the physical and microstructural properties of waste garnet generated from automated and manual blasting process. Case Studies in Construction Materials, 14, e00474.
8.	SCOPUS	Badruddin, I., Hassan, N. A., Mahmud, M. Z. H., Ismail, S., Jaya, R. P., Aletba, S. O., & **Hainin, M. R**. (2021, February). Effect of Environmental Exposure on the Cooling Rate of Asphalt Mixtures. In IOP Conference Series: Earth and Environmental Science (Vol. 682, No. 1, p. 012072). IOP Publishing.
9.	SCOPUS	Kharuddin, F. S., Azahar, W. W., Ramadhansyah, P. J., **Hainin, M. R.,** & Jaafar, Z. M. (2021, February). Performance of asphaltic concrete modified with recycled crushed bricks. In IOP Conference Series: Earth and Environmental Science (Vol. 682, No. 1, p. 012061). IOP Publishing.
10.	SCOPUS	Ramadhansyah, P. J., **Hainin, M. R.,** Rokiah, O., Irwan, R. N., Haziman, W. M., & Mangi, S. A. (2021). Thermal Analysis and X-Ray Diffraction of Rice Husk Ash Blended Cement Under Sodium Sulfate with Wetting and Drying Cycles. In Proceedings of the Sustainable Concrete Materials and Structures in Construction 2020 (pp. 165-173). Springer, Singapore.

NO.	TYPE	PAPER
11.	SCOPUS	Ramadhansyah, P. J., **Hainin, M. R.,** Rokiah, O., Chong, B. W., Haziman, W. M., & Mangi, S. A. (2021). Estimate the Durability of Rice Husk Ash Concrete Subjected to Sulfate Attack Through Wetting and Drying Cyclic. In Proceedings of the Sustainable Concrete Materials and Structures in Construction 2020 (pp. 175-184). Springer, Singapore.
12.	SCOPUS	Li, X. F., Doh, S. I., Ramadhansyah, P. J., **Hainin, M. R.,** & Haziman, W. M. (2021). Effect of Eggshell Powder on the Mechanical and Durability Properties of Cement Mortar. In Proceedings of the Sustainable Concrete Materials and Structures in Construction 2020 (pp. 153-163). Springer, Singapore.
13.	SCOPUS	Jattak, Z. A., Hassan, N. A., Satar, M. K. I. M., Jaya, R. P., & **Hainin, M. R.** (2021). Laboratory Investigation Of Coal Bottom Ash Modified Warm Mix Asphalt. Jurnal Teknologi, 83(4), 63-74.
14.	SCOPUS	Azahar, W. N. A. W., Kasim, N., Ismail, N. N., Jaya, R. P., **Hainin, M. R.**, Masri, K. A., ... & Al-Saffar, Z. H. (2021). Behaviour of Hot Mix Asphalt Incorporating Untreated and Treated Waste Cooking Oil. International Journal of Pavement Research and Technology, 1-12.
15.	SCOPUS	Kamarudin, S. N. N., **Hainin, M. R.,** Warid, M. N. M., Satar, M. K. I. M., & Jaya, R. P. (2021). The Usage of Treated Plastic as Additive to Improve the Asphalt Mixture's Performance by Using Dry Mix Method. In Key Engineering Materials (Vol. 879, pp. 126-135). Trans Tech Publications Ltd.
16.	SCOPUS	Abdulrahman, S., **Hainin, M. R.,** Satar, M. K. I. M., Hassan, N. A., & Al Saffar, Z. H. (2020, April). Review on the potentials of natural rubber in bitumen modification. In IOP Conference Series: Earth and Environmental Science (Vol. 476, No. 1, p. 012067). IOP Publishing.
17.	SCOPUS	Usman, K. R., **Hainin, M. R.,** Satar, M. K. I., Warid, M. N. M., & Giwangkara, G. G. (2020, April). Rheological criteria assessment of a rapid setting emulsion as compared to quick set for emulsified asphalt cold mixes. In IOP Conference Series: Earth and Environmental Science (Vol. 476, No. 1, p. 012064). IOP Publishing.
18.	SCOPUS	Adilah, A. N., Mohammed, S. A., Ramadhansyah, P. J., Rokiah, O., & **Hainin, M. R.** (2020, January). The Influence of Steel Slag as Alternative Aggregate in Permeable Concrete Pavement. In IOP Conference Series: Materials Science and Engineering (Vol. 712, No. 1, p. 012011). IOP Publishing.
19.	SCOPUS	Ramadhansyah, P. J., Masri, K. A., Norhidayah, A. H., **Hainin, M. R.,** Naqiuddin, M. M., Haryati, Y., ... & Juraidah, A. (2020, January). Nanoparticle in Asphalt Binder: A State-of-The-Art Review. In IOP Conference Series: Materials Science and Engineering (Vol. 712, No. 1, p. 012023). IOP Publishing.
20.	SCOPUS	Ramadhansyah, P. J., Masri, K. A., Awang, H., Satar, M. K. I. M., **Hainin, M. R.,** Norhidayah, A. H., ... & Juraidah, A. (2020, January). Short Term Aging Effect of Asphaltic Concrete Incorporating Charcoal Ash from Coconut Shell. In IOP Conference Series: Materials Science and Engineering (Vol. 712, No. 1, p. 012036). IOP Publishing.
21.	SCOPUS	Fauzi, N. M., Masri, K. A., Ramadhansyah, P. J., Samsudin, M. S., Ismail, A., Arshad, A. K., ... & **Hainin, M. R.** (2020, January). Volumetric Properties and Resilient Modulus of Stone Mastic Asphalt incorporating Cellulose Fiber. In IOP Conference Series: Materials Science and Engineering (Vol. 712, No. 1, p. 012028). IOP Publishing.
22.	SCOPUS	Ramadhansyah, P. J., Masri, K. A., Mangi, S. A., Yusak, M. M., **Hainin, M. R.,** Warid, M. M., ... & Haziman, W. M. (2020, January). Strength Properties of Porous Concrete Pavement Blended with Nano Black Rice Husk Ash. In IOP Conference Series: Materials Science and Engineering (Vol. 712, No. 1, p. 012038). IOP Publishing.
23.	SCOPUS	Ahmad, J., **Hainin, M. R.,** Shaffie, E., Masri, K. A., & Shaffi, M. A. (2020). Effect of Temperature on Phase Angle and Dynamic Modulus of Asphalt Mixtures Using SPT. In Materials Science Forum (Vol. 1007, pp. 99-104). Trans Tech Publications Ltd.

NO.	TYPE	PAPER
24.	SCOPUS	Kamarudin, N. A. S., Mohamed, A., Nor, H. M., **Hainin, M. R.,** Khalid, N. H. A., & Satar, M. K. I. M. (2019, September). Experimental investigation of flexural behaviour of U-shaped concrete subgrade panel. In IOP Conference Series: Materials Science and Engineering (Vol. 620, No. 1, p. 012061). IOP Publishing.
25.	SCOPUS	Idham, M. K., **Hainin, M. R.,** Yaacob, H., Warid, M. N. M., Puan, O. C., Hassan, N. A., ... & Mudiyono, R. (2019, September). Repeatability of reclaimed asphalt pavement as related to properties of bitumen. In IOP Conference Series: Materials Science and Engineering (Vol. 620, No. 1, p. 012067). IOP Publishing.
26.	SCOPUS	Puan, O. C., Nor, N. S. M., Mashros, N., & **Hainin, M. R.** (2019, October). Applicability of an automatic pneumatic–tube–based traffic counting device for collecting data under mixed traffic. In IOP Conference Series: Earth and Environmental Science (Vol. 365, No. 1, p. 012032). IOP Publishing.
27.	SCOPUS	Abdulrahman, S., **Hainin, M. R.,** Satar, M. K. I. M., Hassan, N. A., & Usman, A. Rutting and Moisture Damage Evaluation of Warm Mix Asphalt Incorporating POFA Modified Bitumen.
28.	SCOPUS	Jaya, R. P., Yusak, M. I. M., **Hainin, M. R.,** Mashros, N., Warid, M. N. M., Ali, M. I., & Ibrahim, M. H. W. (2019, August). Physical and chemical properties of cement with nano black rice husk ash. In AIP Conference Proceedings (Vol. 2151, No. 1, p. 020024). AIP Publishing.
29.	SCOPUS	Jaya, R. P., Che'mat, N., Hassan, N. A., Mashros, N., Yaacob, H., **Hainin, M. R**., ... & Ali, M. I. (2019, August). Effects of Nano-kaolin clay on the rutting resistance of asphalt binder. In AIP Conference Proceedings (Vol. 2151, No. 1, p. 020023). AIP Publishing.
30.	SCOPUS	Wahid, C. M. F. H. C., Aminudin, E., Majid, M. Z. A., **Hainin, M. R.,** Satar, M. K. I. M., Warid, M. N. M., ... & Mazlan, A. N. (2019, April). Carbon footprints calculator of highway pavement rehabilitation: The quantification of carbon emissions per unit activity. In IOP Conference Series: Materials Science and Engineering (Vol. 512, No. 1, p. 012010). IOP Publishing.
31.	SCOPUS	Ramadhansyah, P. J., Haryati, Y., Norhidayah, A. H., **Rosli, H. M.,** Naqiuddin, M. M., Azman, M., ... & Ekarizan, S. (2019, January). Creep and resilient modulus properties of asphaltic concrete containing black rice husk ash. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012005). IOP Publishing.
32.	SCOPUS	Ramadhansyah, P. J., Awang, H., Amirah, M. N., Idham, M. M. K., Haryati, Y**., Rosli, H. M**., ... & Rosli, M. M. (2019, January). Performance of asphalt mixture incorporating kaolin clay at different aging. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012004). IOP Publishing.
33.	SCOPUS	Ramadhansyah, P. J., Azlan, A. N., Haryati, Y., **Rosli, H. M**., Norhidayah, A. H., Idham, M. M. K., ... & Ekarizan, S. (2019, January). Effects of black rice husk ash on asphalt mixture under aging condition. In IOP Conference Series: Earth and Environmental Science (Vol. 220, No. 1, p. 012006). IOP Publishing.
34.	SCOPUS	Ahmad, K. A., Abdul Hassan, N., Abdullah, M. E., Bilema, M. A., Usman, N., Al Allam, A. A. M., & **Hainin, M. R. B.** (2019). Image processing procedure to quantify the internal structure of porous asphalt concrete. Multidiscipline Modeling in Materials and Structures, 15(1), 206-226.
35.	SCOPUS	Ramli, I**., Hainin, M. R**., Hassan, S. A., & Naqibah, S. N. (2019, May). Development of parking estimation on rest service area in Malaysia. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012079). IOP Publishing.
36.	SCOPUS	Buhari, R., Abdullah, M. E., Ahmad, M. K., Ling, C. A., **Hainin, R.,** & Bakar, S. K. A. (2019). Fatigue performance of titanium dioxide modified asphaltic concrete.

NO.	TYPE	PAPER
		International Journal of Advanced Trends in Computer Science and Engineering (Vol. 8, Issue 1.3 S1, Article number 25, p. 131-135).
37.	SCOPUS	Shariff, M., Puan, O. C., Mashros, N., Mohamed, A., Hassan, N. A., Ismail, C. R., & **Hainin, M. R.** (2019, May). Implementation of chosen risk index during car-following behaviour under wet weather condition. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012078). IOP Publishing.
38.	SCOPUS	Puan, O. C., Hassan, Y. A. H., Mashros, N., Idham, M. K., Hassan, N. A., Warid, M. N. M., & **Hainin, M. R.** (2019, May). Transportation mode choice binary logit model: a case study for Johor Bahru city. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012066). IOP Publishing.
39.	SCOPUS	Puan, O. C., Mohamed, A., Idham, M. K., Ismail, C. R., **Hainin, M. R**., Ahmad, M. S. A., & Mokhtar, A. (2019, May). Drivers behaviour on expressways: headway and speed relationships. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012071). IOP Publishing.
40.	SCOPUS	Abdulrahman, S., **Hainin, M. R**., Idham, M. K., Hassan, N. A., Warid, M. N. M., Yaacob, H., ... & Puan, O. C. (2019, May). Physical properties of warm cup lump modified bitumen. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012048). IOP Publishing.
41.	SCOPUS	Naqibah, S. N., **Hainin, M. R**., Idham, M. K., Warid, M. N. M., Hassan, N. A., Mohamed, A., ... & Ismail, C. R. (2019, May). Performance of rutting, stripping and cracking of warm mix asphalt. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012062). IOP Publishing.
42.	SCOPUS	Jaya, R. P., Idris, A. M., Ibrahim, M. M., **Hainin, M. R.,** Yaacob, H., Hassan, N. A., ... & Ekarizan, S. (2019, May). Flexural strength properties of porous concrete pavement incorporating nano black rice husk ash. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012044). IOP Publishing.
43.	SCOPUS	Idham, M. K., Jeffry, S. N. A., **Hainin, M. R.,** Yaacob, H., Hassan, N. A., Warid, M. N. M., ... & Yunus, N. Z. M. (2019, May). Effect of different rejuvenating agents on the mechanical performance of recycled bituminous mixture. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012051). IOP Publishing.
44.	SCOPUS	Usman, K. R., **Hainin, M. R.,** Idham, M. K., Warid, M. N. M., Yaacob, H., Hassan, N. A., ... & Puan, O. C. (2019, May). Performance evaluation of asphalt micro surfacing–a review. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012052). IOP Publishing.
45.	SCOPUS	Daniel, N. H., Hassan, N. A., Idham, M. K., Jaya, R. P., **Hainin, M. R**., Ismail, C. R., ... & Azahar, N. M. (2019, May). Properties of bitumen modified with latex. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012063). IOP Publishing.
46.	SCOPUS	Jin, T. H., Warid, M. N. M., Idham, M. K., **Hainin, M. R.,** Yaacob, H., Hassan, N. A., ... & Afiqah, R. N. (2019, May). Modification of emulsified bitumen using Styrene-Butadiene Rubber (SBR). In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012050). IOP Publishing.
47.	SCOPUS	Giwangkara, G. G., Mohamed, A., Khalid, N. H. A., Nor, H. M., **Hainin, M. R.,** Jaya, R. P., ... & Aziz, M. M. A. (2019, May). Recycled concrete aggregate as a road base material. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012061). IOP Publishing.
48.	SCOPUS	Sani, W. N. H. M., Mohamed, A., Khalid, N. H. A., Nor, H. M., **Hainin, M. R**., Giwangkara, G. G., ... & Mashros, N. (2019, May). Improvement of CBR value in soil

NO.	TYPE	PAPER
		subgrade using garnet waste. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012060). IOP Publishing.
49.	SCOPUS	Kamarudin, N. A. S., Mohamed, A., Nor, H. M., Khalid, N. H. A., Sam, A. R. M., **Hainin, M. R.,** ... & Hassan, S. A. (2019, May). Effects of u-shaped subgrade concrete panel on subgrade deformation. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012059). IOP Publishing.
50.	SCOPUS	Razali, R., **Hainin, M. R.,** Hassan, N. A., Idham, M. K., Warid, M. N. M., Yaacob, H., ... & Ismail, C. R. (2019, May). Field performance of asphalt pavement maintenance using Cup Lump Rubber Modified Asphalt (CMA). In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012064). IOP Publishing.
51.	SCOPUS	Ramli, M. R., Noor, Z. Z., Aminudin, E., **Hainin, M. R**., Zakaria, R., Zin, R. M., ... & Neardeya, M. (2019). Carbon Footprint Assessment at Rest and Service Area of Malaysia Highway. CHEMICAL ENGINEERING, 72.
52.	SCOPUS	Arfat, M., Yaacob, H., Hassan, N. A., Warid, M. N. M., Idham, M. K., Ismail, C. R., ... & Yunus, N. Z. M. (2019, May). Reversible moisture damage in asphalt mixture. In IOP Conference Series: Materials Science and Engineering (Vol. 527, No. 1, p. 012057). IOP Publishing.
53.	SCOPUS	Jaya, R. P., Satar, M. M., Abdullah, N. A., **Hainin, M. R.,** Hassan, N. A., Yaacob, H., ... & Ramli, N. I. (2018, October). Effect of Black Rice Husk Ash on Asphaltic Concrete Properties under Aging Condition. In IOP Conference Series: Materials Science and Engineering (Vol. 431, No. 3, p. 032003). IOP Publishing.
54.	SCOPUS	Kamarudin, N. H. M., **Hainin, M. R.,** Hassan, N. A., Abdullah, M. E., Idham, M. K. & Raman, N. A. A. (2018, Julai). Effect of Chemical Warm Asphalt Additive on the Rutting Characteristic of Aged Binder Containing Waste Engine Oil. In IOP Conference Series: Journal of Pyhsics (Vol. 1049, Conference 1, p. 012030). IOP Publishing Ltd
55.	SCOPUS	Kamarudin, S. N. N., **Hainin, M. R.,** Hassan, N. A., Satar, M. K. I. M. & Warid, M. N. M. (2018, Julai). Comparison of Performance between Hot and Warm Mix Asphalt as Related to Compaction Design. In IOP Conference Series: Journal of Pyhsics (Vol. 1049, Conference 1, p. 012036). IOP Publishing Ltd.
56.	SCOPUS	Satar, M. K. I. M., Jaya, R. P., Rafsanjani, M. H., Mat, N. C., **Hainin, M. R.,** Aziz, M. M. A., Abdullah, M. E., & Jayanti, D. S. (2018, Julai). Performance of Kaolin Clay on Hot-mix Asphalt Properties. In IOP Conference Series: Journal of Pyhsics (Vol. 1049, Conference 1, p. 012002). IOP Publishing Ltd.
57.	SCOPUS	Ibrahim, M. M., Ramadhansyah, P. J., **Hainin, M. R.,** & Ibrahim, M. W. (2018, January). Mechanical performance of porous concrete pavement containing nano black rice husk ash. In IOP Conference Series: Materials Science and Engineering (Vol. 290, No. 1, p. 012050). IOP Publishing.
58.	SCOPUS	**Hainin, M. R.,** Ramadhansyah, P. J., Chan, T. H., Norhidayah, A. H., & Nazri, F. M. (2017). Strength and Properties of Concrete Pavement Incorporating Multiple Blended Binders. In Materials Science Forum (Vol. 889, pp. 265-269). Trans Tech Publications.
59.	SCOPUS	Oluwasola, E.A., **Hainin, M.R.** & Aziz, Md.M.A. (2016). Durability assessment of dense-graded asphalt incorporating electric arc furnace steel slag and copper mine tailings. In 8th International Conference on Maintenance and Rehabilitation of Pavements, MAIREPAV 2016, pp. 859-871.
60.	SCOPUS	Yusak, M., Ibrahim, M., Putra Jaya, R., **Hainin, M. R**., Ibrahim, W., & Haziman, M. (2016). A review of microstructure properties of porous concrete pavement incorporating nano silica. In ARPN Journal of Engineering and Applied Sciences, 11(20), pp. 11832-11835

NO.	TYPE	PAPER
61.	SCOPUS	Hasan, N. A., Mahmud, M. Z. F., Adi, N., Rahmat, N., **Hainin, M. R.,** & Jaya, R. P. (2016). Effects of air voids content on the performance of porous asphalt mixtures. ARPN Journal of Engineering and Applied Sciences, 11(20), 11884-11887.
62.	SCOPUS	Abdullah, M. E., Kamaruddin, M., Hidayah, N., David, B. D., Abdul Hassan, N., **Hainin, M. R.,** Tajudin, S. A. A., Madun, A., & Mapanggil, R. (2016). Stiffness modulus properties of hot mix asphalt containing waste engine oil. In ARPN Journal of Engineering and Applied Sciences, 11(24), pp. 14089-14091
63.	SCOPUS	Hassan, N. A., Mahmud, M. Z. H., Ahmad, K. A., **Hainin, M. R.,** Jaya, R. P., & Mashros, N. (2016). Air voids characterisation and permeability of porous asphalt gradations used in different countries. In ARPN Journal of Engineering and Applied Sciences, 11(24), pp. 14043-14047
64.	SCOPUS	Azahar, W., Aifa, W. N., Bujang, M., Jaya, R. P., **Hainin, M. R.,** Ngadi, N., & Al Bakri Abdullah, M. M. (2016). Effect of Antioxidant Characteristic from Waste Cooking Oil in Modified Asphalt Binder. In Key Engineering Materials (Vol. 700, pp. 197-206). Trans Tech Publications.
65.	SCOPUS	Azahar, W., Aifa, W. N., Bujang, M., Jaya, R. P., **Hainin, M. R.,** Ngadi, N., & Mohamad, M. (2016). Chemical Identification of Waste Cooking Oil as Additive in Bitumen. In Key Engineering Materials (Vol. 700, pp. 207-215). Trans Tech Publications
66.	SCOPUS	Azahar, W., Aifa, W. N., Bujang, M., Jaya, R. P., **Hainin, M. R.,** Ngadi, N., & Al Bakri Abdullah, M. M. (2016). Performance of waste cooking oil in asphalt binder modification. In Key Engineering Materials (Vol. 700, pp. 216-226). Trans Tech Publications.
67.	SCOPUS	Kamaruddin, M., Hidayah, N., **Hainin, M. R.,** Abdul Hassan, N., & Abdullah, M. E. (2015). Effect of chemical warm asphalt additive on wettability of aged binder incorporating waste engine oil. International Journal of Applied Engineering Research, 10(10), 26139-26147.
68.	SCOPUS	Kamaruddin, M., Hidayah, N., **Hainin, M. R.,** Abdul Hassan, N., & Abdullah, M. E. (2015). Effect of chemical warm asphalt additive on wettability of aged binder incorporating waste engine oil. International Journal of Applied Engineering Research, 10(11), pp. 29221-29229
69.	SCOPUS	Rusbintardjo, G., **Hainin, M. R.,** & Yusoff, N. I. M. (2015). Improvement in properties of expansive clay by stabilizing with Buton rock asphalt. Jurnal Teknologi, 73(4), 111-116, ISSN: 2180-3722
70.	SCOPUS	Ramadhansyah, P. J., Ibrahim, M., Yusak, M., **Mohd Rosli, H.,** Ibrahim, W., & Haziman, M. (2014). A review of porous concrete pavement: applications and engineering properties. In Applied Mechanics and Materials (Vol. 554, pp. 37-41). Trans Tech Publications.
71.	SCOPUS	Rusbintardjo, G., **Hainin, M. R.,** Mubaraki, M. A., & Yusoff, N. I. M. (2014). The performance characteristics of stone mastic asphalt mixtures using oil palm fruit ash-modified bitumen. International Journal of Pavement Research and Technology, 7(4), 227-236.
72.	SCOPUS	Mazlan, A. N., Zin, R. M., Zakaria, R., Majid, M. Z., **Hainin, M. R.,** Yazida, Y. S., Ismail, M. A., & Ismail, H. H. (2014). Elements of Green Highway Assessment: Social and Safety. Jurnal Teknologi, 70(7), 21-26.
73.	SCOPUS	Ahmad, J., Yusoff, N. I. M., **Hainin, M. R.,** Rahman, M. Y. A., & Hossain, M. (2014). Evaluation on Peraformance Characteristics of Superpave Asphalt Mix Design under Tropical Climatic Conditions. International Journal of Pavement Research and Technology, 7(5), 331-342.

NO.	TYPE	PAPER
74.	SCOPUS	Nurul Hidayah, M. K., **Hainin, M. R**., Hassan, N. A., & Abdullah, M. E. (2014). Rutting evaluation of aged binder containing waste engine oil. In Advanced Materials Research (Vol. 911, pp. 405-409). Trans Tech Publications.
75.	SCOPUS	**Hainin, M. R.,** Warid, M. N. M., Izzul, R., Ruzaini, M. K., Ibrahim, M., & Yusak, M. (2014). Investigations of rubber dipping by-product on bitumen properties. In Advanced Materials Research (Vol. 911, pp. 449-453). Trans Tech Publications.
76.	SCOPUS	Putra Jaya, R., Yusak, M. I., **Hainin, M. R.,** Warid, M. N. M., Ibrahim, W., & Haziman, M. (2014). Porous concrete pavement containing nano-silica: Pre-review. In Advanced Materials Research (Vol. 911, pp. 454-458). Trans Tech Publications.
77.	SCOPUS	Sundara, P., Puan, O. C., & **Hainin, M. R.** (2013). Determining the impact of darkness on highway traffic shockwave propagation. American Journal of Applied Sciences, 10(9), 1000-1008
78.	SCOPUS	Taha, M. R., Hardwiyono, S., Yusoff, N. I. M., **Hainin, M. R.,** Wu, J., & Nayan, K. A. M. (2013). Study of the effect of temperature changes on the elastic modulus of flexible pavement layers. Research Journal of Applied Sciences, Engineering and Technology, 5(5), 1661-1667.
79.	SCOPUS	Rozana, Z., Foo, K. S., Ainee, F., Majid, M. Z. A., Zin, R. M., **Hainin, M. R**., Yaacob, H., Hamzah, N., Balubaid, S. O., Mazlan, A. N., Ismail, M. A., Yazid, Y. S., Haidar, H., & Marwar, N. (2013). Energy Consumption and Potential Retrofitting of Rest and Service Areas (RSAs) in Malaysia Case Study. In Applied Mechanics and Materials (Vol. 284-287, pp. 1311-1314). Trans Tech Publications.
80.	SCOPUS	**Hainin, M. R.,** Reshi, W.F., & Niroumand, H. (2012). The importance of stone mastic asphalt in construction. Electronic Journal of Geotechnical Engineering, 17 HR, pp. 49.56-74
81.	SCOPUS	**Hainin, M. R.,** Niroumand, H., Kassim, K. A., & Nazir, R. (2012). Fly Ash as a Sustainable and Waste Material. Electronic Journal of Geotechnical Engineering, 17, 39-47.
82.	SCOPUS	Hamim, A., Ahmad, S., Zakaria, M., Abdulgadir, M. A. H., Yusoff, N. I. M., **Hainin, M.R.**, & Rahmat, R. A. A. O. K. (2012). Evaluation of Malaysian hot-mix asphalt properties at different aggregate gradations. Australian Journal of Basic and Applied Sciences, 6(7), 9-14.
83.	SCOPUS	Yusoff, N. I. M., Airey, G. D., & **Hainin, M. R**. (2010). Predictability of complex modulus using rheological models. Asian Journal of Scientific Research, 3(1), 18-30.
84.	SCOPUS	Nor, T. C. L. H. M., & **Hainin, M. R.** (2009) Properties of crumb rubber concrete paving blocks with sbr latex. Road Materials and Pavement Design, 10(1), 213-222
85.	SCOPUS	Cooley Jr, L. A., Prowell, B. D., & **Hainin, M. R.** (2003). Comparison of the saturated surface-dry and vacuum sealing methods for determining the bulk specific gravity of compacted HMA (with discussion and closure). Journal of the Association of Asphalt Paving Technologists, 72.

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
1.	OTHER INDEXED ARTICLE/JOURNAL	Aziz, M. H. A., Othman, M. H. D., Ismail, A. F., Rahman, M. A., Jaafar, J., Hubadillah, S. K., **Hainin, M. R**., ... & Asri'Ibrahim, K. (2019). Fabrication of low-cost ceramic hollow fiber membranes from aluminium dross waste for water purification. Evaluation, 498, 503.
2.	OTHER INDEXED ARTICLE/JOURNAL	Arshad, M. F., Awang, H., Jaya, R. P., Ali, M. I., Yusak, M. I. M., Hainin, M. R., & Ibrahim, M. H. W. (2018). Effect Of Nano Black Rice Husk Ash On The Chemical And Physical Properties Of Porous Concrete Pavement. Journal of Southwest Jiaotong University, 53(5).
3.	OTHER INDEXED ARTICLE/JOURNAL	Mughal, M. A., **Hainin, M. R.,** Jaya, R. P., Yunus, M. F., Rahman, M. D., Idham, M. K., & Warid, M. N. M. (2018). Stabilizing Asphalt Concrete Using Kenaf Fibers. Advanced Science Letters, 24(6), 3963-3967.
4.	OTHER INDEXED ARTICLE/JOURNAL	Nurul Athma Mohd Shukry, Norhidayah Abdul Hassan, Mohd Ezree Abdullah, ***Mohd Rosli Hainin***, Nur Izzi Md. Yusoff, Nor Asniza Mohamed Abdullah and Ramadhansyah Putra Jaya, Effects of Diatomite as Filler on the Porous Asphalt Mixtures Properties, Malaysian Journal of Civil Engineering (MJCE), Vol. 29 (Special Issue 2), 2017, 174-186, ISSN: 1823-7843
5.	OTHER INDEXED ARTICLE/JOURNAL	Izzul Ramli, ***Mohd Rosli Hainin***, Sitti Asmah Hassan, Parking Demand Analysia of Rest and Service Area Along Expressway in Southern Region, Johor Malaysia, Malaysian Journal of Civil Engineering (MJCE), Vol. 29(Special Issue 1), 2017,118-128, ISSN: 1823-7843
6.	OTHER INDEXED ARTICLE/JOURNAL	Ebenezer Akin Oluwasola, ***Mohd Rosli Hainin***, Md Maniruzzaman A. Aziz and Santokh Singh A/L Mahinder Singh. "Effect of Aging of the Resilient Modulus of Stone Mastic Asphalt Incorporating Electric Arc Furnace Steel Slag and Copper Mine Tailings", Proceedings of International Civil and Infrastructure Engineering Conference 2014 (InCIEC 2014), 2015, 1199-1208, ISSBN: 978-981-287-289-0, Google Scholar Index
7.	OTHER INDEXED ARTICLE/JOURNAL	Mohd Ibrahim Mohd Yusak, Ramadhansyah Putra Jaya, ***Mohd Rosli Hainin*** and Mohd Haziman Wan Ibrahim. "An Overview on Performance of Nano Silica Materials on the Properties of Porous Concrete Pavement",

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Advanced Review on Scientific Research, 1(1), 2014, 34-42, ISSN: 2289-7887.
8.	OTHER INDEXED ARTICLE/JOURNAL	J. Ahmad, M.Y. Abdul Rahman and ***M.R. Hainin***, Permanent Deformation of Superpave and Marshall Mix Using SPT Dynamic Modulus Test, International Journal of Engineering Development and Research Vol.2, Issue 2 (2014) pp. 2550-2555
9.	OTHER INDEXED ARTICLE/JOURNAL	Suzielah Rahmad, Nur Izzi Md Nor and ***Mohd Rosli Hainin***. Revisiting The Use of Rubberized Asphalt Mixtures, JURUTERA, The Monthly Bulletin of The Institution of Engineers, Malaysia, Vol 2014 No 5, pp 20-22, ISSN: 0126-9909.
10.	OTHER INDEXED ARTICLE/JOURNAL	Patrick Liq Yee Tiong, Mushairry Mustaffar and ***Mohd Rosli Hainin***. Road Surface Assessment of Pothole Severity by Close Range Digital Photogrammetry Method, World Applied Science Journal Vol. 19(6) (2012), pp 867-873. ISSN: 19916426
11.	OTHER INDEXED ARTICLE/JOURNAL	Hamed Niroumand, K.A. Kassim, R. Nazir, K.Faizi, ***R. Hainin***, "Numerical Simulation of Buried Pipe under Wheel Loads" Archives Des Sciences Vol 65, No 5, May 2012, pp 395 –401, ISSN: 1661-464X
12.	OTHER INDEXED ARTICLE/JOURNAL	Parameswary Sundara, Othman Che Puan and ***M. Rosli***, "Impact of Highway Darkness on Traffic Flow Characteristics", Journal of Basic and Applied Scientific Research, 3(11), 2013, 1-8, ISSN: 2090-424x.
13.	OTHER INDEXED ARTICLE/JOURNAL	***Mohd Rosli Hainin***, Ammar, Nur Izzi Md Yusoff, Haryati Yaacob and Zaiton Haron, "Fatigue Life of Malaysian Hot Mix Asphalt Mixes", Malaysian Journal of Civil Engineering (MJCE), Vol. 25(1), June 2013, ISSN: 1823-7843MyAis Index
14.	OTHER INDEXED ARTICLE/JOURNAL	Salman Ullah Sheikh, Nur Izzi Md. Yusoff, ***Mohd. Rosli Hainin***, Asmah Hamim and Che Ros Ismail. Evaluation of Rutting Potential of Hot Mix Asphalt in Variable Conditions. The Journal of The Institution of Engineers of Malaysia (IEM), Volume 74, No 1, June 2013, pp 4-13, ISSN: 0126-513X
15.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero and ***Mohd Rosli Hainin***, "Evaluation of Bitumin Properties Modified with Additive", International Journal of Research and Reviews in Applied

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Science IJRRAS 13(1), Oct 2012, pp 93 – 97, ISSN: 2076-734X Google Scholar Index
16.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero, ***Mohd Rosli Hainin*** and Haryati Yaacob, "Determination of Surface Roughness Index of Various Bituminous Pavement", International Journal of Research and Reviews in Applied Science IJRRAS 13(1), Oct 2012, pp 98 – 103, ISSN: 2076-734X Google Scholar Index
17.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero, ***Mohd Rosli Hainin*** and Haryati Yaacob, "The Correlation Between Texture Depth, Pendulum Test Value and Roughness Index of Various Asphalt Surfaces in Malaysia", International Journal of Research and Reviews in Applied Science IJRRAS 13(1), Oct 2012, pp 104 – 109, ISSN: 2076-734X Google Scholar Index
18.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero and ***Mohd Rosli Hainin***, "Influence of Additive on Bitumen Viscosity Properties at High and Mid-Range Temperatures", ARPN Journal of Science and Technology 2(5), June 2012, pp 422-426, ISSN 2225-7217
19.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero and ***Mohd Rosli Hainin***, "The Properties of Bitumen Modified with Wax", ARPN Journal of Science and Technology 2(5), June 2012, pp 449-454, ISSN 2225-7217
20.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero and ***Mohd Rosli Hainin***, "Viscosity Characteristics of Modified Bitumen", ARPN Journal of Science and Technology 2(5), June2012, pp 500-503, ISSN: 2225-7217
21.	OTHER INDEXED ARTICLE/JOURNAL	Zaiton Haron, Mohd Hanifi Othman, Khairulzan Yahya, Haryati Yaacob***, Mohd Rosli Hainin***, Mohd Badruddin Mohd Yusof, "Noise Produced by Transverse Rumble Strips: A Case Study on Rural Roadways", IOSR Journal of Mechanical and Civil Engineering, ISSN: 2278-1684, Vol 1, Issue 5 (July-August)2012 pp 12-16
22.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero and ***Mohd Rosli Hainin***, "The Effect of Aging on Bitumen Properties Modified with SBS Polymer", ARPN Journal of Science and Technology 2(7), August 2012, pp593-596, ISSN 2225-7217

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
23.	OTHER INDEXED ARTICLE/JOURNAL	Suleiman Arafat Yero and ***Mohd Rosli Hainin***, "The Influence of Short Term Aging on Bitumen Properties", ARPN Journal of Science and Technology 2(7), August 2012, pp 597-599, ISSN 2225-7217
24.	OTHER INDEXED ARTICLE/JOURNAL	Othman Che Puan, Che Ros Ismail and ***Mohd Rosli Hainin***. Driver's Merging Gap and Stop Delays at Mid Block U Turn Facilities on Multilane Divided Highways. Science Series Data Report, Volume 4, Issue 12 (2012). pp 96-106, ISSN: 1307-119x**, ISTP** Thomson Reuter
25.	OTHER INDEXED ARTICLE/JOURNAL	Azman Mohamed, Hasanan Md Nor, **Mohd Rosli Hainin**, Haryati Yaacob, Che Ros Ismail and Nur Hafizah Abd Khalid. Laboratory Testing on Permanent Deformation of Grooved Concrete Block Pavement. International of Civil Engineering and Geo Environmental. Vol 3(1) 2012. pp 35 -40, ISSN: 2180-2742
26.	OTHER INDEXED ARTICLE/JOURNAL	Norhidayah Abdul Hassan and ***Mohd Rosli Hainin***. Application of X-ray Computed Tomography for Air Voids and Damage Characterisation in Asphalt Mixtures, Institution of Engineers of Malaysia (IEM) Bulletin, ISSN 0126-9909, Issue no. 11, November 2012, pp 20-23
27.	OTHER INDEXED ARTICLE/JOURNAL	Mohd. Raihan Taha, Sentot Hardwiyono, Nur Izzi Md. Yusoff, Khairul Anuar Mohd Nayan and ***Mohd Rosli Hainin***. Pengaruh Perubahan Suhu Terhadap Modulus Elastik Lapisan Turapan Boleh Lentur, Jurnal Kejuruteraan UKM, Jilid 24 2012, pp 7-14, ISSN: 0128-0198
28.	OTHER INDEXED ARTICLE/JOURNAL	***Mohd Rosli Hainin***, NurIzzi Md. Yusoff, Mohd Fahmi Mohammad Sabri, Mohd Azizi Abdul Aziz, Mohd Anwar Sahul Hameed and Wasid Farooq Reshi "Steel Slag as an Aggregate Replacement in Malaysian Hot Mix Asphalt," International Scholarly Research Network Civil Engineering, vol. 2012, Article ID 459016, 5 pages, 2012. doi:10.5402/2012/459016,Google Scholar and DOAJ Index
29.	OTHER INDEXED ARTICLE/JOURNAL	M.E Abdullah, K.A. Zamhari, N. Nayan, ***M.R. Hainin*** and M. Hermadi, " Physical Properties and Storage Stability of Asphalt Binder Modified with Nanoclay and Warm Asphalt Additives", World Journal of Engineering 9(2)

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		June 2012, pp 155-160, ISSN: 1708-5284Google Scholar Index
30.	OTHER INDEXED ARTICLE/JOURNAL	Juraidah Ahmad, Mohd Yusof Abdul Rahman and ***Mohd Rosli Hainin***,"Rutting Evaluation of Dense Graded Hot Mix Asphalt Mixture", International Journal of Engineering & Technology (IJET-IJEN), Vol. 11 No:05, Oct 2011, pp 56 – 60, ISSN: 2077-1185 Google Scholar Index
31.	OTHER INDEXED ARTICLE/JOURNAL	Sulaiman Arafat Yero and ***Mohd Rosli Hainin***, "The Effect of Commercial Wax on Viscosity Characteristic of Modified Asphalt", International Journal of Research and Reviews in Applied Science IJRRAS 8(2), August 2011, pp 171 – 175, ISSN: 2076-734XGoogle Scholar Index
32.	OTHER INDEXED ARTICLE/JOURNAL	Sulaiman Arafat Yero and ***Mohd Rosli Hainin*** "Influence of Organic Wax on Bitumen Characteristic", American Journal of Engineering and Applied Sciences 4 (2), 2011, pp 265 – 269, ISSN: 1941-7020 EBSCO, DOAJ Index
33.	OTHER INDEXED ARTICLE/JOURNAL	Nur Izzi bin Md. Yusoff, ***Mohd Rosli Hainin***, Gordon D. Airey, "The Use of Polymer Modified Bitumen in Road Paving", Institution of Engineers of Malaysia (IEM) Bulletin, ISSN 0126-9909, Issue no. 8, 2011
34.	OTHER INDEXED ARTICLE/JOURNAL	Nur Izzi bin Md. Yusoff, ***Mohd Rosli Hainin***, Gordon D. Airey, "What You Need to Know About Bitumen Rheology", Institution of Engineers of Malaysia (IEM) Bulletin, ISSN 0126-9909, Issue no. 9, 2011
35.	OTHER INDEXED ARTICLE/JOURNAL	Nur Izzi Md Yusoff, Marc-Stéphane Ginoux, Gordon Dan Airey, ***Mohd Rosli Hainin***, "Modelling the Linear Viscoelastic Rheological Properties of Base Bitumens",Malaysian Journal of Civil Engineering (MJCE), Vol. 22(1), 2010, ISSN: 1823-7843MyAis Index
36.	OTHER INDEXED ARTICLE/JOURNAL	NurIzzi Md Yusof, Amiruddin Ismail, ***Mohd Rosli Hainin***, Hasanan Md Nor, Khairul Anwar Husin, "Kajian Ciri-ciri Pasir Pengalas dan Pengisi Sambungan Turapan Blok Konkrit Saling Mengunci (Properties of Bedding sand and Jointing sand of Interlocking Concrete Block Pavement)", Jurnal Kejuruteraan, UKM, Vol. 21, pp 33 – 42, 2009, ISSN: 0128-0198
37.	OTHER INDEXED ARTICLE/JOURNAL	Haryati Yaacob, ***Mohd Rosli Hainin***, David Woodward, Alan Woodside, "Changes of Surface Dressing Texture as Related to Time and Chipping Size", Malaysian

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Journal of Civil Engineering (MJCE), Vol. 20(1), 2008, pp 1-11, ISSN: 1823-7843 MyAis Index
38.	OTHER INDEXED ARTICLE/JOURNAL	***Hainin, M.R.*** and Brown, E.R. "Permeability of Hot Mix Asphalt Pavements as Related to Types of Rollers", International Journal of Pavement, USA 2007, Vol 6 (1), pp 51-62, ISSN: 1029-8436 TRIS and EBSCO Index
39.	OTHER INDEXED ARTICLE/JOURNAL	Rachmat Mudiyono, Hasanan Md Nor, ***Mohd Rosli Hainin*** and Ling Tung Chai, "Performance of Concrete Block Pavement on Sloped Road Section", International Journal of Pavement, USA 2007, Vol 6 (1), pp 136-145, ISSN: 1029-8436 TRIS and EBSCO Index
40.	OTHER INDEXED ARTICLE/JOURNAL	***Hainin, M.R.*** and Brown, E.R. "Determination of Maximum In-Place Air voids for Impermeable Hot Mix Asphalt Pavements". Malaysian Journal of Civil Engineering (MJCE), Vol. 18, 2006, pp 46-58, ISSN: 1823-7843MyAis Index
41.	OTHER INDEXED ARTICLE/JOURNAL	***Hainin, M.R****.* and Cooley, L.A. Jr. "An Investigation of Factors Influencing Permeability of Hot Mix Asphalt Pavements" International Journal of Pavements, USA, January 2003.pp 41-52, ISSN: ISSN: 1029-8436TRIS and EBSCO Index
42.	OTHER INDEXED ARTICLE/JOURNAL	***Mohd Rosli Hainin***. "Evaluation of Indicator Test for Identification of Segregation in Flexible Pavements – A Case Study." Journal of Civil Engineering, UTM, Vol. 12, No. 2, 2000, pp 1-12, ISSN: 1823-7843 MyAis Index
43.	OTHER INDEXED ARTICLE/JOURNAL	Abdul Aziz Chik, Che Ros Ismail and ***Mohd Rosli Hainin***. "Midblock Signalled Pedestrian Crossing- Alternative Controller Algorithms." Journal of Civil Engineering, UTM, Vol. 12, No. 1, 2000, pp 43-51, ISSN: 1823-7843 MyAis Index
1.	CONFERENCE/PROCEEDINGS	Noor Azah Abdul Raman, ***Mohd Rosli Hainin***, Norhidayah Abdul Hassan, Farid Nasir Ani, "A Review on Application of Bio-oil as an Additive for Asphalt", AFAP Conference on Current and Emerging Trends in Science and Engineering(ACCETSE), 13 September 2014, Surabaya
2.	CONFERENCE/PROCEEDINGS	M. Naqiuddin M. Warid, ***Mohd Rosli Hainin,*** Haryati Yaacob, Md. Maniruzzaman B. A. Aziz and Mohd Khairul Idham, "Thin Cold Mix Asphalt Overlay", 1st International

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Conference on the Science & Engineering of Materials, 13-14 Nov 2013, Kuala Lumpur
3.	CONFERENCE/PROCEEDINGS	Zulfiqar Ali, ***Mohd Rosli Hainin***, Md. Maniruzzaman B.A. Aziz, Haryati Yaacob, Fung-Lung Chang and Abbas Mukhtar Adnan, "Utilization of Steel Slag for the Construction of Roads in Pavement Layers-A Review", 1st International Conference on the Science & Engineering of Materials, 13-14 Nov 2013, Kuala Lumpur
4.	CONFERENCE/PROCEEDINGS	Shahab Moeini Feizabadi,***Mohd Rosli Hainin***, Md. Maniruzzaman B. A. Aziz, Haryati Yaacob, M. Naqiuddin M. Waridand Manouchehr Shokri, "A Review: Merits of Warm Mix Asphalt Technology Using Sasobit and Aspha Min Additives", 1stInternational Conference on the Science & Engineering of Materials, 13-14 Nov 2013, Kuala Lumpur
5.	CONFERENCE/PROCEEDINGS	Ebenezer Akin Oluwasola, ***Mohd Rosli Hainin***, Md. Maniruzzaman B.A. Aziz, Haryati Yaacob and Fung – Lung Chang, "Potential of Steel Slag and Copper Mine Tailings as Construction Materials: A Review", 1st International Conference on the Science & Engineering of Materials, 13-14 Nov 2013, Kuala Lumpur
6.	CONFERENCE/PROCEEDINGS	Fung-Lung Chang, Haryati Yaacob and ***Mohd. Rosli Hainin***, "Marshall Properties of Single Face Compacted Asphalt Specimen", 1st International Conference on the Science & Engineering of Materials, 13-14 Nov 2013, Kuala Lumpur
7.	CONFERENCE/PROCEEDINGS	Arafat Sulaiman Yero, Ishtiaque Ahmad, ***Mohd Rosli Hainin*** and Aminu Musa Yusuf, "Evaluation of Major Causes of Road Accidents Along Bauchi-Potiskum Road, Nigeria", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
8.	CONFERENCE/PROCEEDINGS	Nurul Hidayah, ***Mohd Rosli Hainin***, Norhidayah AbdulHassan and Mohd Ezree Abdullah, "A Short Review of Waste Oil Application in Pavement Materials ", Proceeding of GEOCON 2013, A Joint Conference of

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
9.	CONFERENCE/PROCEEDINGS	Haryati Yaacob, ***Mohd Rosli Hainin***, Ahmad Safuan A. Rashid and Fung-Lung Chang, "Quantifying Pavement Interface Bond Strength Through Different Approaches – A Compilation of Testing Device ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
10.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Muhd Zaimi Abd Majid, Rosli Mohamed Zin, Haryati Yaacob, Rozana Zakaria, Mastura Bujang and Wan Nur Aifa, "Pavement Technology Elements in Green Highway ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
11.	CONFERENCE/PROCEEDINGS	Nazaruddin Jamion, ***Mohd Rosli Hainin*** and Haryati Yaacob, "Performance of Microsurfacing on Expressway ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
12.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, M. Yadollahi, M. Z. A. Majid, R.M. Zin, H. Yaacob, R. Zakaria, M. Bujang and W.N. Aifa, "Elements of Material and Pavement Technology in Green Highway Rating System-A Review", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
13.	CONFERENCE/PROCEEDINGS	R. Zakaria, K.S. Foo, O.C. Puan, M.Z.A. Majid, R.M. Zin, ***Mohd Rosli Hainin***, Mushairry Mustaffar, N. Hamzah, S. Balubaid,A.N. Mazlan, H. Haidar, M. Bujang, W.N. Aifa, R.R. Rooshdi and N.A. Rahman, "Energy Efficiency Elements for Malaysia Green Highway Index ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
14.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Maniruzzaman A. Aziz and Oluwasola Ebenezer Akin, "Steel Slag Utilization: Prospects and Challenges ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
15.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Maniruzzaman A. Aziz, Shahab Moeini Feizabidi, Zulfiqar Ali, Manouchehr Shokri and Abbas Mukhtar Adnan "An OverallReview: Modified Asphalt Binder ContainingSasobit inWarm Mix Asphalt Technology ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
16.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Maniruzzaman A. Aziz, Abbas Mukhtar Adnan, Zulfiqar Ali, Manouchehr Shokri and Shahab Moeini Feizabidi,, "A Reviewof Steel Slag as a Construction Material ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
17.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Maniruzzaman A. Aziz, Abbas Mukhtar Adnan, Shahab Moeini Feizabidi, Zulfiqar Ali and Manouchehr Shokri, "A Reviewof the Performance of Modified Asphalt Binder with Tire Rubber Powder ", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
18.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Maniruzzaman A. Aziz, Abbas Mukhtar Adnan, Shahab Moeini Feizabidi, Manouchehr Shokri, and Zulfiqar Ali, "A Review on the Performance of Steel Slag in Highway Surface Course", Proceeding of GEOCON 2013, A Joint Conference of International Conference in Geotechnical and Transportation Engineering (9th GEOTROPIKA) And International Conference of Innovative Construction And Buildings (1st ICONBUILD), Persada, Johor Bahru, 28-30 Oct 2013
19.	CONFERENCE/PROCEEDINGS	Mohd Khairul Idham Mohd Satar, ***Mohd Rosli Hainin***, Mohd Naqiuddin Mohd Warid, Mohd Ezree Abdullah, "Effects of Aging on Resilient Modulus of Hot Mix Asphalt", Proceeding of The 8th International Conference on Road and Airfield Pavement Technology, Taiwan, 14-18 July 2013
20.	CONFERENCE/PROCEEDINGS	Ishtiaque Ahmed and ***Mohd. Rosli Hainin***. A Comparative Review of Preliminary Police Crash Report Forms of Selected Agencies. 4th Road Safety International Conference (RSIC), Sydney, 4-5 March 2013.
21.	CONFERENCE/PROCEEDINGS	Nur Izzi Md. Yusoff, ***Mohd Rosli Hainin*** and Mohd Azizi Abdul Aziz. The Use of Steel Slag as Aggregate Replacement in Malaysian Stone Mastic Asphalt. *3rd International Technical Conference, Vistana Hotel Kuala Lumpur, Malaysia, 30th October - 1st November 2012.* Pp: 723 - 731.

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
22.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin,*** Mastura Bujang, Wan Nur Aifa and Zaimi Abd Majid "Performance of Steel Slag As Potential of Aggregate Replacement Towards Green Highway", APSEC – ICCER, 2 – 4 October, Surabaya, Indonesia
23.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin,*** Wan Nur Aifa, Mastura Bujang and Zaimi Abd Majid,"Recycling of Pavement towards Sustainable Green Highway", APSEC – ICCER, 2 – 4 October, Surabaya, Indonesia
24.	CONFERENCE/PROCEEDINGS	H.Yaacob, M.Z. Abd. Majid, ***M. R. Hainin***, R. Mohamad Zin, R. Zakaria, K Yahya, Z Haron and H Kamarul Bahrin, "Potential Adoption of Rubberised Asphalt Concrete (RAC) in Malaysia towards Green Road Construction", APSEC – ICCER, 2 – 4 October, Surabaya, Indonesia
25.	CONFERENCE/PROCEEDINGS	Azman Mohamed, Hasanan Md Nor, ***Mohd Rosli Hainin***, Haryati Yaacob and Che Ros Ismail, "The Effect of Underside Shaped Concrete Block on Pavement Rut Performance", APSEC – ICCER, 2 – 4 October, Surabaya, Indonesia
26.	CONFERENCE/PROCEEDINGS	Azman Mohamed, Hasanan Md Nor, ***Mohd Rosli Hainin***, Haryati Yaacob and Che Ros Ismail, "Laboratory Testing on Permanent Deformation of Grooved Concrete Block Pavement", National Conference of Post Graduate NCON.PGR 2012, Universiti Malaysia Pahang, 8 - 9 September 2012
27.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Mohd Fahmi Mohamad Sabri, Mohd Azizi Abdul Aziz, Mohd Anwar Sahul Hameed, Wasid Farooq Reshi, "Performance of Asphaltic Concrete Using Steel Slag Aggregate" Proceeding of The 7th International Conference on Road and Airfield Pavement Technology, Bangkok, 3-6 August 2011
28.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin***, "Effect of Short-Term Aging on Bitumen Characterization" National Post Graduate Conference, Universiti Teknologi MARA, 14-15 June 2011
29.	CONFERENCE/PROCEEDINGS	Mohd Ezree Abdullah, Kemas Ahmad Zamhari, Nafarizal Nayan, ***Mohd Rosli Hainin*** and Madi Hermadi, "Storage Stability And Physical Properties Of Asphalt Modified With Nanoclay And Warm Asphalt Additives. ICCE-19 Shanghai, July 24-30, 2011

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
30.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin*** and Haryati Yaacob, "Assessment of Roughness Index of Bituminous Pavement", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
31.	CONFERENCE/PROCEEDINGS	Gatot Rusbintardgo and ***Mohd Rosli Hainin***, "Modified Bitumen with Oil Palm Fruit Ash", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
32.	CONFERENCE/PROCEEDINGS	J. Ahmad, M.Y.Abd Rahman, ***M.R.Hainin***, M.Hossain, "Use of Dynamic Modulus Test to Evaluate Moisture Susceptibility of Asphaltic Concrete Mixtures", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
33.	CONFERENCE/PROCEEDINGS	Mohd Amin Shafii, Haryati Yaacob and ***Mohd Rosli Hainin***, "Skid Resistance and The Effect of Temperature", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
34.	CONFERENCE/PROCEEDINGS	Mohd Khairl Idham Mohd Satar, ***Mohd Rosli Hainin***, Haryati Yaacob, Dorina Anak Astana, "Development of Software for Rigis Pavement Thickness Design", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
35.	CONFERENCE/PROCEEDINGS	Dorina Anak Astana, ***Mohd Rosli Hainin***, Che Ros Ismail, Mohd Khairul Idham Mohd Satar, "The Effect of Epoxy of Bitumen Modification on Hot Mix Asphalt Properties and Rut Resistance", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
36.	CONFERENCE/PROCEEDINGS	Mohd Ezree Abdullah, K.A.Zamhari, M.K. Shamshuddin, Nafarizal Nayan and ***Mohd Rosli Hainin***, "Exploring the Usage of Nanoparticles in Pavement Engineering", Proceedings of International Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
37.	CONFERENCE/PROCEEDINGS	Azman Mohamed, Hasanan Md Nor and ***Mohd Rosli Hainin***, "Vertical Displacement of Underside Shaped Concrete Block Pavement", Proceedings of International

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
		Conference for Geotechnics and Transportation GEOTROPIKA 2010, 1-3 Dec. 2010
38.	CONFERENCE/PROCEEDINGS	Nazaruddin Jamion, ***Mohd Rosli Hainin*** and Haryati Yaacob "Performance and Challenges of Microsurfacing in Malaysia" Proceedings of the 8th Malaysia Road Conference",Kuala Lumpur, 10 October 2010
39.	CONFERENCE/PROCEEDINGS	Haryati Yaacob, ***Mohd Rosli Hainin*** and Sudesh Nair A/L Baskara, "Effects of Rainfall on Skidding Resistance of Asphaltic Concrete Pavement", Proceedings of the 8th Malaysia Road Conference",Kuala Lumpur, 10 October 2010
40.	CONFERENCE/PROCEEDINGS	J. Ahmad, M.Y.Abdul Rahman and ***M.R. Hainin***, "Investigation of Superpave Mixtures in Malaysia", 11th International Conference on Asphalt Pavements, Nagoya, Japan, 1-6 August 2010
41.	CONFERENCE/PROCEEDINGS	Abu Hassan Abdullah and ***Mohd Rosli Hainin***, "Data Capturing For Digital Road Datasets and Other Road Related Features Using Integrated Network Survey Vehicle for South Zone Federal Roads of West Malaysia", 7th Asia Pacific Conference on Transportation and the Environment, Semarang Indonesia, 3-5 June 2010
42.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin***, and Abdul Aziz Chik, "Viscosity Characteristics of Asphalt Modified with Commercial Wax", 3rd International Graduate Conference on Engineering Science and Humanities (IGCESH), Hong Kong Polytechnic University, 2-4 Nov 2010
43.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin***, and Abdul Aziz Chik, "Rheological Properties of Bitumen Modified With Commercial Wax – The Green Technology", Proceeding of the 2nd International Postgraduate Conference on Infrastructure and Environment (IPCIE), Hong Kong Polytechnic University, 1-2 June 2010
44.	CONFERENCE/PROCEEDINGS	Gatot Rusbintardjo, ***Mohd Rosli Hainin*** and Abdul Aziz Chik, "The Rheological Properties of Oil Palm Fruit Ash (OPFASH) Modified Asphalt Cement (OMAC) Binder", Proceeding of the Eastern Asia Society for Transportation Studies (EASTS), Vol. 7, Nov 2009.

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
45.	CONFERENCE/PROCEEDINGS	Nordiana Mashros, Abdul Aziz Chik and ***Mohd Rosli Hainin***, "Platoon Dispersion Downstream of Traffic Signal on Malaysian Urban Arterial Roads", Proceeding of the Eastern Asia Society for Transportation Studies (EASTS), Vol. 7, Nov 2009.
46.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin*****,** Abdul Aziz Chik and Haryati Yaacob, "Warm Mix Asphalt – The Green Technology in Pavement Industry", International Conference on Built Environment in Developing Countries, USM, 2-3 Dec. 2009
47.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin*** and Haryati Yaacob, "Determination of Surface Roughness of Various Bituminous Surface in Malaysia", Regional Conference on Environment and Earth Resource (RCER 09), UMP, Kuantan, 7-8 Dec. 2009
48.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin***, Abdul Aziz Chik and Haryati Yaacob, "Characteristics of Bitumen with Long Chain Aliphatic HC in Warm Mix Asphalt", International Conference on Building Science and Engineering, UTHM, Johor Bahru, 14-15 Dec. 2009
49.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin*** and Haryati Yaacob, "Correlation Between Skidding Resistance and Texture Depth of Bituminous Road Surfaces", National Graduate Conference on Engineering and Science, Universiti Teknologi Petronas, 25-26 March 2009
50.	CONFERENCE/PROCEEDINGS	Noorafidah Bt Ithnin and ***Mohd Rosli Hainin***, "Determination of Mixing and Compacting Temperatures for Hot Mix Asphalt Mixtures", International Graduate Conference on Engineering and Science, UTM, 23-24 December 2008
51.	CONFERENCE/PROCEEDINGS	Rosmawati Bt Mamat, ***Mohd Rosli Hainin*** and Che Ros Ismail, "Marshall Properties of Hot Mix Asphalt Mixtures Designed Using Bailey Method", International Graduate Conference on Engineering and Science, UTM, 23-24 December 2008
52.	CONFERENCE/PROCEEDINGS	Gatot Rusbintardjo, ***Mohd Rosli Hainin***and Norhafizah Bt Abdul Bari Arbee, "Soil Stabilization Using Palm Oil Fuel Ash (POFA)", International Graduate Conference on Engineering and Science, UTM, 23-24 December 2008

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
53.	CONFERENCE/PROCEEDINGS	Gatot Rusbintardjo, ***Mohd Rosli Hainin*** and Norhidayah Bt Selamat, "Crushed Aggregate Stabilization Using Palm Oil Fuel Ash (POFA)", International Graduate Conference on Engineering and Science, UTM, 23-24 December 2008
54.	CONFERENCE/PROCEEDINGS	Arafat Suleiman Yero, ***Mohd Rosli Hainin*** and Haryati Yaacob, "Determination of the Texture Depth, Skidding Resistance and International Roughness Index of Various Bituminous Road Surfaces", International Graduate Conference on Engineering and Science, UTM, 23-24 December 2008
55.	CONFERENCE/PROCEEDINGS	Haryati Yaacob, ***Mohd Rosli Hainin***, David Woodward, Alan Woodside and Paul McErlean, "Investigation on Tyre/Road Noise Using Ulster Load Tyre Road Assilimilator", International Conference on Geotechnical and Highway Engineering (GEOTROPIKA 08), 26-27 May 2008
56.	CONFERENCE/PROCEEDINGS	Juraidah Ahmad, Mohd Yusof Abd Rahman, ***Mohd Rosli Hainin*** and Mustaque Hossain, "Evaluation of Malaysia Asphaltic Concrete Mixture Using Superpave and Marshall Mix Design", International Conference on Geotechnical and Highway Engineering (GEOTROPIKA 08), 26-27 May 2008
57.	CONFERENCE/PROCEEDINGS	Sugeng Wiyono, Othman Che Puan and ***Mohd Rosli Hainin***,"Crack Propagation Model for Flexible Road Pavement", International Conference on Geotechnical and Highway Engineering (GEOTROPIKA 08), 26-27 May 2008
58.	CONFERENCE/PROCEEDINGS	Norhidayah Abdul Hasan, ***Mohd Rosli Hainin***, Haryati Yaacob, Fahmi and Nordiana Mashros, "Performance of Hot Mix Asphalt Using Fine Crumb Rubber", International Conference on Geotechnical and Highway Engineering (GEOTROPIKA 08), 26-27 May 2008
59.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, Haryati Yaacob and Wardati Hashim, "The Environmental Effect of Cooling Rate on Hot Mix Asphalt Mixtures", International Conference on Geotechnical and Highway Engineering (GEOTROPIKA 08), 26-27 May 2008

NO.	TYPE a. OTHER INDEXED ARTICLE/JOURNAL b. CONFERENCE/PROCEEDINGS c. EDITED BOOK d. THESIS e. BOOK CHAPTER f. ORIGINAL BOOK g. RESEARCH BOOK/ MONOGRAPH h. CLASSIFIED/TECHNICAL /EXPERT REPORT i. NEWSPAPER/ MAGAZINE	Paper
60.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, "Pneumatic Tyre Roller – Is It Necessary?", International Conference on Geotechnical and Highway Engineering (GEOTROPIKA 08), 26-27 May 2008
61.	CONFERENCE/PROCEEDINGS	Mohd Ezree Bin Abdullah, Abdul Aziz Chikand ***Mohd Rosli Hainin****, "*Level of Service for Multilane Highwayand Road Accident Information System Development of Batu Pahat Area", 7TH Malaysian Road Conference, 17-19 July 2007
62.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, 'The Effect of Lift Thickness on Time Available for Compaction of Hot Mix Asphalt Pavement", 7TH at Malaysian Road Conference, 17 -19 July 2007
63.	CONFERENCE/PROCEEDINGS	***Mohd Rosli Hainin***, "The Effect of Lift Thickness on Permeability of Hot Mix Asphalt Mixtures", Civil Engineering Conference AWAM 07, USM, 29 -31 May 2007
64.	CONFERENCE/PROCEEDINGS	Mohd Ezree Bin Abdullah, ***Mohd Rosli Hainin*** and Abdul Aziz Chik, "Road accident Information System Devolopment", Malaysian University Transportation Research Forum Conference, MUTRFC, UKM, 4-5 Dis. 06
1.	EDITED BOOK	Johari Surif and **Mohd Rosli Hainin**, Editors for 'Libat Sama Komuniti Untuk Kesejahteraan Masyarakat', Universiti Teknologi Malaysia, ISBN : 9789835217470, 2021.
2.	EDITED BOOK	Nurly Gofar and **Mohd Rosli Hainin**, Editors for Proceedings of International Conference on Geotechnical and Highway Engineering GEOTROPIKA2008 ISBN 978-963-42613-4-4, 26-27 May 2008, Kuala Lumpur.
3.	EDITED BOOK	Hasanan Mohd Nor, **Mohd Rosli Hainin**, and Haryati Yaacob, "Highway Materials and Construction", Book Chapter Editors, Universiti Teknologi Malaysia, ISBN: 978-983-52-0574-3 , 2008.
1.	THESIS	**Mohd Rosli Hainin**, Evaluation on Indicator Tests on Segregation, M.Sc Thesis, University of Kansas, USA (1996).

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2.	THESIS	**Mohd Rosli Hainin**, Relationship of Lift Thickness, Density and Permeability of Hot Mix Asphalt Pavement, Ph.D Thesis, Auburn University, Alabama, USA (2004).
1.	BOOK CHAPTER	Nur Syafiqah Salmee, Norhidayah Abdul Hassan, Nurul Athma Mohd Shukry and **Mohd Rosli Hainin**, Materials for Road Construction, "Effect of Air Voids Content and Soaking Time on The Performance of Porous Asphalt", Penerbit UTM 2018, Chapter 1, pp 1-13, ISBN 978-983-52-1484-4
2.	BOOK CHAPTER	Guidelines for Malaysia Toll Expressway System- Design Standards (First Edition)-Chapter 10-Pavement, LLM/GP/T5-08 2008.
3.	BOOK CHAPTER	Haryati Yaacob, **Mohd Rosli Hainin**, David Woodward, Alan Woodside and Paul McErlean, "Investigation on Tyre/Road Noise Using Ulster Load Tyre Road Assilimilator", Book Chapter, ISBN: 978-983-52-0574-3, 2008
4.	BOOK CHAPTER	Juraidah Ahmad, Mohd Yusof Abd Rahman, **Mohd Rosli Hainin** and Mustaque Hossain, "Evaluation of Malaysia Asphaltic Concrete Mixture Using Superpave and Marshall Mix Design", Book Chapter, ISBN: 978-983-52-0574-3 , 2008
5.	BOOK CHAPTER	Sugeng Wiyono, Othman Che Puan and **Mohd Rosli Hainin**,"Crack Propagation Model for Flexible Road Pavement", Book Chapter, ISBN: 978-983-52-0574-3 , 2008
6.	BOOK CHAPTER	Norhidayah Abdul Hasan, **Mohd Rosli Hainin**, Haryati Yaacob, Fahmi and Nordiana Mashros, "Performance of Hot Mix Asphalt Using Fine Crumb Rubber", Book Chapter, ISBN: 978-983-52-0574-3, 2008
7.	BOOK CHAPTER	"Moisture Sensitivity in Asphalt Pavement", Book Chapter ISBN 0-309-09450, Transportation Research Board, Washington D.C., USA 2003.
1.	ORIGINAL BOOK	Green Technology In Pavement Technology: **Mohd Rosli Hainin**, 54th Professorial Inaugural Lecture, 2015, Penerbit UTM (ISBN)
2.	ORIGINAL BOOK	Bituminous pavement surface texture and skid resistance testing: The investigation of surface roughness of bituminous pavements. Suleiman Arafat yero, **Mohd**

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		Rosli Hainin and Haryati Yaacob (14 May 2012), ISBN-13: 978-3848435432, Lambert Academic Publishing.
1.	RESEARCH BOOK/ MONOGRAPH	"Short Term Aging Effects on Asphalt Binders", Monograph ISBN 978-967-353-855-3, Research Management Centre, Universiti Teknologi Malaysia, 2008.
2.	RESEARCH BOOK/ MONOGRAPH	"Determination of Mixing and Compacting Temperatures for Hot Mix Asphalt", Monograph ISBN 978-967-353-959-8, Research Management Centre, Universiti Teknologi Malaysia, 2008.
3.	RESEARCH BOOK/ MONOGRAPH	"Evaluation on Aggregate Effective Specific Gravity as Related to Marshall Volumetric Properties", Monograph ISBN 978-967-910-9, Research Management Centre, Universiti Teknologi Malaysia, 2008.
4.	RESEARCH BOOK/ MONOGRAPH	"Comparison Between Superpave Gyratory and Marshall Laboratory Compaction Methods", Monograph ISBN 978-967-354-122-5, Research Management Centre, Universiti Teknologi Malaysia, 2008.
5.	RESEARCH BOOK/ MONOGRAPH	"Relationship Between Marshall Stability, Flow and Rutting of the New Malaysian Hot Mix Asphalt Mixtures", Monograph ISBN 978-967-354-098-3, Research Management Centre, Universiti Teknologi Malaysia, 2008.
6.	RESEARCH BOOK/ MONOGRAPH	"Penyediaan Garis Panduan Tampalan Jalan bagi Jalan Berisipadu Rendah (Patching Guideline for Low Volume Road)", Monograph ISBN 978-967-354-031-0, Research Management Centre, Universiti Teknologi Malaysia, 2008.
7.	RESEARCH BOOK/ MONOGRAPH	"The Environmental Effect on the Cooling Rate of Hot Mix Asphalt Pavement", Monograph ISBN 978-967-354-100-3, Research Management Centre, Universiti Teknologi Malaysia, 2008.
8.	RESEARCH BOOK/ MONOGRAPH	"Permeability in Malaysian Hot Mix Asphalt Mixtures", Monograph ISBN 978-967-353-121-9, Research Management Centre, Universiti Teknologi Malaysia, 2008.
9.	RESEARCH BOOK/ MONOGRAPH	"The Aggregate Degradation Characteristics of Stone Mastic Asphalt (SMA) Mixtures, Monograph ISBN 978-

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		967-353-707-5, Research Management Centre, Universiti Teknologi Malaysia, 2008.
10.	RESEARCH BOOK/ MONOGRAPH	"The Effects of Nominal Aggragate Size on The Properties of Hot Mix Asphalt Using Gyratory Compactor", Monograph ISBN 978-967-353-709-9, Research Management Centre, Universiti Teknologi Malaysia, 2008.
11.	RESEARCH BOOK/ MONOGRAPH	"Prestasi Sisa Kisaran Konkrit Berasfalt Dengan Minyak Kelapa Sawit Sebagai Agen Pemulihan (Performance of Recycled Asphalt Mix with Palm Oil as Rejuvenator)", Monograph ISBN 978-967-353-786-0, Research Management Centre, Universiti Teknologi Malaysia, 2008.
12.	RESEARCH BOOK/ MONOGRAPH	"Relationships of In-place Air Voids, Lift Thickness and Permeability in Hot Mix Asphalt Pavements", NCHRP Report 531, Monograph ISBN 0-309-088070, Transportation Research Board, Washington D.C., USA 2004.
1.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Haryati Yaacob and Mohd Rosli Hainin, Impacts of Climate Change to Frictional Properties of Road Surface. Fundamental (FRGS) Vot 78242 Research Management Centre, UTM, 2013
2.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Mohd Rosli Hainin, Engineering Properties Of Hot Mix Recycling Asphalt Mixtures GUP Research Grant TIER 2 01J84, 2012
3.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Hasanan Md Nor, Mohd Rosli Hainin and Azman Mohamed, "Structural Evaluation of Modified Concrete Block Pavement- Underside Surface Modification", Fundamental (FRGS) Final Report Vot 78556, Research Management Centre, UTM, 2012
4.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Mohd Rosli Hainin, "Engineering Properties of HMA with POFA", Fundamental (FRGS) Final Report Vot 78009, Research Management Centre, UTM, 2010
5.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Mohd Rosli Hainin and Arafat Yero Sulaiman, "Use of Sasobit in Warm Mix Asphalt Mixtures", Final Report (IGRS) Vote 78918, Research Management Centre, UTM, 2010
6.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Mohd Rosli Hainin and Gatot Rusbintradjo, "Modified Bitumen Using Oil Palm Fruit Ash in Hot Mix Asphalt

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		Mixtures", Final Report (IGRS) Vote 78921, Research Management Centre, UTM, 2010
7.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Mohd Rosli Hainin, Che Ros Ismail, Abdul Aziz Chik and Othman Che Puan "Evaluation on Fundamental Properties of Hot Mix Asphalt Mixes As Related to Permeability", Final Report Vot 75196, Research Management Centre, UTM, 2006
8.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Che Ros Ismail, Mohd Rosli Hainin and Abdul Aziz Chik, "Guidelines for Patching Works", Final Report Vot 75188, Research Management Centre, UTM, 2006
9.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Brown, E.R., Hainin, M.R., Cooley, L.A. Jr., and Hurley, G. "Relationships Between Air Voids, Lift Thickness and Permeability of Hot Mix Asphalt Mixtures." Final Report 9-27, National Cooperative Highway Research Program, Washington,USA, 2004.
10.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Hasanan Md Nor, Che Ros Ismail, Abdul Aziz Chik and Mohd Rosli Hainin, "Evaluation of Past Performance and Establishment of New Construction Method for Interlocking Concrete Block Pavement ", Final Report Vot IRPA 72339, Research Management Centre, UTM, 2004
11.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Cooley L.A.Jr, Prowell, B.D., Hainin, M.R., M.S. Buchanan, and J. Harrington. "Bulk Specific Gravity Round Robin Study Using Corelok Vacuum Sealing Method" National Center for Asphalt Technology Report No. 02-11, USA, 2002.
12.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Othman Che Puan, Abdul Aziz Chik, Che Ros Ismail and Mohd Rosli Hainin, "Drivers Car Following Headway on Single Carriageway Road", Final Report Vot 71620, Research Management Centre, UTM, 2002
13.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Brown, E.R, Cooley, L.A.Jr., Huner, M., and Hainin, M.R., "Relationship of In-Place Air Voids, Lift Thickness and Permeability of Hot Mix Asphalt Mixtures" Interim Report 9-27, National Cooperative Highway Research Program, Washington,USA, 2001.
14.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Othman Che Puan, Abdul Aziz Chik, Che Ros Ismail and Mohd Rosli Hainin, "Merging Process on Urban Dual Carriageway", Final Report Vot 71323, Research Management Centre, UTM, 2001

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15.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Cross, Stephen A., Hainin, M.R. and Alex Adu-Osei."Effects of Segregation on Mix Properties of Hot Mix Asphalt." Final Report No. K-TRAN:KU-96-6. Kansas Department of Transportation, Topeka, KS, USA, 1998.
16.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Mohd Rosli Hainin and Hasanan Md Nor, "Performance of Recycled Asphalt Pavement with Palm Oil as Rejuvenator ", Final Report Vot 61341, Research Management Centre, UTM, 1994
17.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Othman Che Puan, Jamaludin Mat, Che Ros Ismail, and Mohd Rosli Hainin, "Laporan Teknikal Kajian Pengurusan Lalu Lintas Rancangan Tempatan Taiping",Technical report submitted to Majlis Perbandaran Taiping/JPBD, Jun 1993.
18.	CLASSIFIED/TECHNICAL /EXPERT REPORT	Othman Che Puan, Jamaludin Mat, Che Ros Ismail, and Mohd Rosli Hainin, "Traffic Impact Assessment for 'Cadangan Pembangunan Bandar Baru Majidee, Johor Bahru'",Technical Report submitted to Perbadanan Kemajuan Ekonomi Negeri Johor/MPJB, Dec 1993.
1.	NEWSPAPER/ MAGAZINE	'Jalan berlubang: Isu lapuk malar berzaman', Dewan Kosmik, 19 March 2022
2.	NEWSPAPER/ MAGAZINE	'Penandaan jalan pantulan tepat elak nahas', Berita Harian, 3 February 2022
3.	NEWSPAPER/ MAGAZINE	'Wajibkan pita pemantul cahaya terhadap semua kenderaan berat', Berita Harian, 11 January 2022
4.	NEWSPAPER/ MAGAZINE	'Merealisasikan Jalan Sifar Rosak', Utusan Malaysia, 4 March 2021
5.	NEWSPAPER/ MAGAZINE	'Kurangkan Kerosakan Jalan', Utusan Malaysia, 4 March 2021
6.	NEWSPAPER/ MAGAZINE	'Asfalt campuran suam turapan lestari', Dewan Kosmik Bil. 5, July 2021
7.	NEWSPAPER/ MAGAZINE	'Usah pandang ringan bahaya memandu dalam banjir', Berita Harian 11 Januari 2021
8.	NEWSPAPER/ MAGAZINE	'Pastikan jalan bebas lubang demi keselamatan rakyat', Berita Harian 1 Januari 2021
9.	NEWSPAPER/ MAGAZINE	'Asfalt campuran untuk kelestarian alam', Utusan Malaysia 17 Disember 2020
10.	NEWSPAPER/ MAGAZINE	'Managing rainwater runoff to avoid floods', The Star 27 November 2020

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11.	NEWSPAPER/ MAGAZINE	'Lestari alam melalui turapan kitar semula', Utusan Malaysia 6 November 2020
12.	NEWSPAPER/ MAGAZINE	'Turapan telan air', Dewan Kosmik Bil. 11, November 2020
13.	NEWSPAPER/ MAGAZINE	'Turapan asfalt berliang alternatif urus air larian ribut', Berita Harian 31 Oktober 2020
14.	NEWSPAPER/ MAGAZINE	'Pembinaan jalan guna jermang keluli lestarikan teknologi hijau', Berita Harian 16 Oktober 2020
15.	NEWSPAPER/ MAGAZINE	'Challenges in constructing sustainable plastic waste road pavement', News Strait Times 26 September 2020
16.	NEWSPAPER/ MAGAZINE	'Teknologi getah asfalt tingkat pengurusan tayar terpakai', Berita Harian 29 September 2020
17.	NEWSPAPER/ MAGAZINE	'Turapan sisa plastik buat jalanraya lebih lestari', Berita Harian 19 Ogos 2020
18.	NEWSPAPER/ MAGAZINE	'Revisiting the use of rubberised asphalt mixtures', Buletin Jurutera May 2014
19.	NEWSPAPER/ MAGAZINE	'The use of polymer-modified bitumen in road paving', Buletin Jurutera 2014
20.	NEWSPAPER/ MAGAZINE	'Application of x-ray computed tomography for air voids and damage characterisation in asphalt mixtures', Buletin Jurutera November 2012
21.	NEWSPAPER/ MAGAZINE	'What You Need to Know about Bitumen rheology', Buletin Jurutera September 2011

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

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1.	Keynote Speaker	International Symposium on Research Innovation for Sustainable Development 2025 (RISD2025)	19 Nov 2025	Sibu, Sarawak

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
2.	Plenary Speaker	Konvensyen Penyenggaraan Jalan SeMalaysia (MRMC) 2025 dan Ekspo Teknologi Jalan dan Trafik MYASEAN (MyARTTE) 2025	3 Nov 2025	MITEC, Kuala Lumpur
3.	Plenary Speaker	Luncheon Webinar Series Mega Jati Academi – Bridging the Gap: Emerging Trend in Bridge & Highway Engineering	19 Jun 2025	Online
4.	Keynote Speaker	International Conference on Tropical GeoEngineering	4-7 July 2024	Kuching, Sarawak
5.	Keynote Speaker	Second International Symposium on Transportation Infrastructure Engineering Standards	25-26 March 2023	Chang'an University, China
6.	Keynote Speaker	International Conference on Research Advances in Civil Engineering	17-19 Sep 2021	National Institute of Technology Silchar (NITS), India
7.	Keynote Speaker	International UNIMAS ENCON2020,	29-30 Okt 2020	UNIMAS
8.	Keynote Speaker	The International Symposium of Civil and Environmental Engineering (ISCEE 2016)	5-6 Dec 2016	Melaka
9.	Keynote Speaker	International Seminar and Exhibition on Road Construction"	2005	Semarang, Indonesia
10.	Keynote Speaker	National Conference on Sustainable Cities	17 Sep 2017	PUO Ipoh
11.	Invited Speaker	Webinar 'Penulisan Akademia di Media Popular'	29 July 2021	UMP, Pahang
12.	Invited Speaker	Webinar 'Spear Heading Tivet Agenda for Malaysia'	7 Jan 2021	Malaysia Teknikal Universiti Network (MTUN)
13.	Invited Speaker	International Colloquium 'Transportation Issues'	Feb 27-28 2017	Palembang, Indonesia
14.	Invited Speaker	The 10th International Conference on Geotechnics and Transportation (GEOTROPIKA 2016)	Feb 2016	Kuala Lumpur
15.	Invited Speaker	Pavement and Transportation Research Group UTM Webinar,	3 Sep 2020	UTM

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
		'Building Transportation Phenomena'		
16.	Invited Speaker	Engineering Career Prospective	15 Aug 2020	MRSM Gemencheh
17.	Invited Speaker	Pahang Development Round Table Conference 'ECRL Impact in Pahang Development'	23 July 2020	UMP Gambang
18.	Invited Speaker	Seminar on Green Technology in Transportation Engineering, Road Engineering Association of Malaysia (REAM)	03 April 2019	JKR KL
19.	Invited Speaker	8th I-GEO Seminar on Pavement Technology in Malaysia – Present and Future	07 Aug 2017	Infrastructure University IUKL
20.	Invited Speaker	Seminar "Pavement Industry in Malaysia-Academic Perspective"	27 April 2015	Infrastructure University IUKL, Kuala Lumpur
21.	Invited Speaker	Seminar "Issues in Road Construction and New Technologies-Senai Desaru Expressways"	15 April 2015	Johor Bahru
22.	Invited Speaker	2 Days Workshop – Asphalt Concrete: Production, Construction & Compliance	16-17 May 2016	UTM
23.	Invited Speaker	2 day Workshop on "Pavement Thickness Design, Maintenance and New Technologies"	2-3 Dec 2013	UTM
24.	Invited Speaker	2 day Workshop on "Asphaltic Concrete Production, Construction and Compliance"	7-8 Feb 2013	UTM
25.	Invited Speaker	2 day Workshop on "Pavement Materials and Construction"	8-9 Feb 2012	Infra Desa (Johor) Sdn Bhd
26.	Invited Speaker	2 day Workshop on "Pavement Materials and Constructiong"	23-24 Nov 2011	Swee Premix (Johor) Sdn Bhd
27.	Invited speaker	"Sustainability in Transportation and Road Engineering"	24-25 Nov 2010	USM, Penang
28.	Invited Panel	Workshop in Cold In Place Recycling Manual at the Malaysian Road Conference	10 Oct 2010	Sunway Piramid KL

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
29.	Invited speaker	“Pavement Construction and Rehabilitation”	March 2010	UiTM, Penang
30.	Plenary Lecture	“Advanced Technologies in Asphalt Pavement”	Oct 2009	UTHM
31.	Plenary Lecture	“Asphalt Technologies in Road Construction and Rehabilitation” for SCORE	Aug 2009	UNIMAS
32.	Plenary Lecture	“Advanced Technologies in Asphalt Pavement”	30 March 2009	UTHM
33.	Invited speaker	Majlis Perbandaran Johor Bahru Tengah “2 Day Course on Road Construction and Maintenance”	Feb 2008	Johor
34.	Invited speaker	Institution of Engineers of Malaysia (IEM) Sabah Branch “2 Day Course on Pavement Construction and Rehabilitation”	Sep 2007	Sabah
35.	Invited speaker	Selia Group “2 Day Course on Highway Materials and Construction”	Dec 2006	Ayer Keroh Melaka
36.	Invited speaker	Selia Group” 2 Day Course on Road Construction and Rehabilitation”	Dec 2006	Ayer Keroh Melaka
37.	Invited speaker	Selia Group “2 Day Course on Pavement Design and Evaluation”	Nov 2006	Ayer Keroh Melaka
38.	Invited speaker	Badan Pencegah Rasuah (Anti Corruption Agency) “Forensic Course in Road Construction”	Aug 2004	Johor
39.	Invited Speaker	Seminar Kejuruteraan Awam (SEMKA) (Postgraduate : Opportunities in Civil Engineering)	3 Aug 2019	UTM
40.	Invited Speaker	Seminar Kejuruteraan Awam ‘Green Techology in Pavement Engineering’	6 Aug 2016	Langkawi
41.	Invited Speaker	Seminar Kejuruteraan Awam ‘Issues in Road Construction’	15 Aug 2015	Langkawi

PROFESSORSHIP ASSESSMENT

NO	PROFFESSORSHIP ASSESSMENT	UNIVERSITY	YEAR
1.	Associate Professor	UTHM	2026

2.	Professor	UMPSA	2025
3.	Associate Professor	UNITEN	2025
4.	Associate Professor	UPNM	2025
5.	Associate Professor	UPNM	2025
6.	Professor	UiTM	2023
7.	Professor	UTHM	2021
8.	Professor	UPNM	2020
9.	Professor	UiTM	2018
10.	Associate Professor	UUM	2022
11.	Associate Professor	UTHM	2022
12.	Associate Professor	NIT India	2021
13.	Associate Professor	UUM	2021
14.	Associate Professor	UTHM	2019
15.	Associate Professor	UKM	2018
16.	Associate Professor	UMP	2017
17.	Associate Professor	UTHM	2017
18.	Associate Professor	USM	2017

BOOK/ARTICLE REVIEWER

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
1.	Journal of Cleaner Production (JCLEPRO2019)	Use of Reacted and Activated Rubber in Ultra-thin HMA Overlay for Wet-freeze Climates	2019
2.	Ain Shams Engineering Journal (ASEJ)	Estimation of Zero Shear Viscosity for Iraqi Modified Asphalt Binders using Viscometer and Cross-Williamson Model	2019
3.	Journal of Transportation Engineering, Part B	Pavements, Evaluating Effectiveness of Pavement Preventive Maintenance Treatments in Mitigating Longitudinal Cracks in Wet Freeze Climate Zones	2019
4.	Construction & Building Materials (CONBUILDMAT2019):	Recycling waste in asphalt concrete: A review	2019
5.	Construction & Building Materials (CONBUILDMAT2019):	Utilizing of Waste Vegetable Cooking Oil in Bitumen: Zero Tolerance Aging Approach	2019
6.	Construction & Building Materials (CONBUILDMAT2019)	Analysis of influence factors on drainage characteristics of asphalt mixtures based on mechanical performance	2019

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
7.	Journal: Resources Policy (JRPO2018)	Integrated Value Chains to Transform Mineral Wastes •	2018
8.	Journal: Resources Policy (JRPO2018)	Laboratory investigation on use of quarry waste in Open graded friction course	2018
9.	Journal: Resources Policy (JRPO2018)	Environmental behavior of waste rocks based concrete: leaching performance assessment	2018
10.	Journal of Engineering Science and Technology (JESTEC)	Evaluation Of Asphalt Mixtures Performance Produced Via Drum And Batch Mixing Plants	2018
11.	Journal of Cleaner Production (JCLEPRO2018)	Experimental characterisation of cold mix asphalt made with bitumen microcapsules: a novel sustainable material for road building	2018
12.	Journal of Cleaner Production (JCLEPRO2018)	Salt-free Deicing of Pavements by Carbon Fiber-based Electrically Conductive Concrete Heated Pavement Systems: Design and Quasi Long-term Performance	2018
13.	Journal of Cleaner Production (JCLEPRO2018)	Application of Steel Slag Powder to Enhance the Low-temperature Fracture Properties of Asphalt Mastic and its Corresponding Mechanism	2018
14.	Journal of Cleaner Production (JCLEPRO2018)	Preparation and Properties of Geopolymer as Warm Mix Asphalt Additives	2018
15.	International Journal of Pavement Research and Technology (IJPRT2018)	Fatigue performance of Buton rock asphalt modified mixtures	2018
16.	International Journal of Pavement Research and Technology (IJPRT2018)	Predicting Strength Behaviour of Stabilized Lateritic Soil-Ash Matrix using Regression Model for Hydraulically Bound Materials Purposes	2018
17.	International Journal of Pavement Research and Technology (IJPRT2018)	Evaluation of NO2-Degradation by the RTA Ultrafine Grained Micro-surfacing Material and Its Effect on Pavement Performance	2018
18.	International Journal of Pavement Research and Technology (IJPRT2018)	Horizontal deformation resistance of paving block superstructures - influence of paving block type, laying pattern, and joint behavior	2018
19.	International Journal of Pavement Research and Technology (IJPRT2018)	Horizontal deformation resistance of paving block superstructures - influence of laying pattern and joint behavior	2018
20.	International Journal of Pavement Research and Technology (IJPRT2018)	Shear Properties of Waste Glass-Asphalt Mastics	2018
21.	Emerald Publishing paper	An overview of use of nanoadditives in enhancing the properties of pavement construction binder bitumen	2018
22.	Journal of Elsevier	Pervasive and Mobile Computing	2018
23.	Journal: Engineering (ENG2018)	Highway planning and design in Qinghai-Tibet Plateau of China: a cost-safety balance perspective	2018
24.	Sustainable Materials and Technologies (SUSMAT2018)	A Sustainable Pavement Concrete using Warm Mix Asphalt and Hydrated Lime Treated Recycled Concrete Aggregates	2018

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
25.	Journal: Automation in Construction (AUTCON2018)	Unmanned rolling compaction system for rockfill materials	2018
26.	Pervasive and Mobile Computing (PMC2018)	Asfault: a low-cost system to evaluate pavement conditions in real-time using smartphones and machine learning	2018
27.	Measurement (MEAS2018)	Asphalt Road Surface Vibration and Force Distribution Generated by Pickup Truck Braking	2018
28.	Journal: Transportation Geotechnics (TRGEO2018)	Geometry mapping and additional stresses of ballast-less track structure caused by subgrade differential settlement under self-weight loads in high-speed rail-ways	2018
29.	Journal: Transportation Geotechnics (TRGEO2018)	Drainage Potential of Reservoir Course of Porous Pavement for Various Particle Size Distributions of Aggregate	2018
30.	Journal of Traffic and Transportation Engineering (English Edition) (JTTE2018)	Performance Evaluation of the use of TDF Fly Ash as Mineral Filler in Hot Mix Asphalt Concrete	2018
31.	Journal of Traffic and Transportation Engineering (English Edition) (JTTE2018)	Physical and chemical properties of asphalt binder with waste cooking oil and an antioxidant	2018
32.	Journal of Traffic and Transportation Engineering (English Edition) (JTTE2018)	Evaluation Of Mixing And Compaction Temperature Of Asphalt Binders As A Function Of Shear Rate	2018
33.	Journal of Traffic and Transportation Engineering (English Edition) (JTTE2018)	Effectiveness And Feasibility Of Binder Material For Organic Clay Of Medium Plasticity	2018
34.	Journal of Traffic and Transportation Engineering (English Edition) (JTTE2018)	Investigation of Accuracy of Pavement-ME Prediction Performance by Incorporating Level 1 Inputs	2018
35.	Journal of Traffic and Transportation Engineering (English Edition) (JTTE2018)	Experimental Evaluation of Coir Geotextile Placed over Weak Subgrade soil under wheel load condition for Low Volume Rural Roads	2018
36.	Construction & Building Materials (CONBUILDMAT2018)	Mechanical Evaluation of Aggregate Gradation to Characterize Load Carrying Capacity and Rutting Resistance of Asphalt Mixtures	2018
37.	Construction & Building Materials (CONBUILDMAT2018)	Storage, Fatigue And Low Temperature Characteristics Of Plasma Treated Rubberized Binders	2018
38.	Construction & Building Materials (CONBUILDMAT2018)	Recycling of plastic wastes into pavement blocks: a significant alternative way to reducing plastic wastes generation and accumulation in Ghana	2018
39.	Construction & Building Materials (CONBUILDMAT2018)	Mechanical performance of fibers in hot mix asphalt: a review.	2018
40.	Construction & Building Materials (CONBUILDMAT2018)	Improvement of moisture damage resistance and permanent deformation performance of asphalt mixtures with marginal porous volcanic aggregates using crumb rubber modified bitumen	2018
41.	Construction & Building Materials (CONBUILDMAT2018)	Effects of Mixing Sequence on Mechanical Properties of Graphene Oxide and Warm Mix Additive Composite Modified Asphalt Binder	2018

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
42.	Construction & Building Materials (CONBUILDMAT2018)	Considerations for laboratory resilient modulus testing of unbound pavement base materials	2018
43.	Construction & Building Materials (CONBUILDMAT2018)	Performance Evaluation of New Waterborne Epoxy Resin Modified Emulsified Asphalt Micro-Surfacing	2018
44.	Construction & Building Materials (CONBUILDMAT2018)	The anti-icing and mechanical properties of a superhydrophobic coating on asphalt pavement	2018
45.	Construction & Building Materials (CONBUILDMAT2018)	Field and Laboratory Performance of a Newly Developed Inorganic Additive for Warm Mix Asphalt	2018
46.	Construction & Building Materials (CONBUILDMAT2018)	Influence of Crumb Rubber and Tafpack Super on Performances of SBS Modified Porous Asphalt Mixtures	2018
47.	Construction & Building Materials (CONBUILDMAT2018)	Determination of Voids in the Mineral Aggregate and Aggregate Skeleton Characteristics of Asphalt Mixtures Using a Linear-Mixture Packing Model	2018
48.	Construction & Building Materials (CONBUILDMAT2018)	Laboratory Evaluation of Crumb Rubber Modified Asphalt Mastic Reinforced with Basalt Fiber	2018
49.	Construction & Building Materials (CONBUILDMAT2018)	Performance investigation on AC-10C steel-slag asphalt mixture	2018
50.	Construction & Building Materials (CONBUILDMAT2018)	Effect of Phenolic Resin on the Performance of the Styrene-Butadiene Rubber Modified Asphalt	2018
51.	Construction & Building Materials (CONBUILDMAT2018)	Productions and Applications of Bio-asphalts - A Review	2018
52.	Construction & Building Materials (CONBUILDMAT2018)	Effects of Nano-Clay on the Fatigue Properties of Cold Recycled Asphalt	2018
53.	Construction & Building Materials (CONBUILDMAT2018)	Characteristics of Hot Mix Asphalt Containing Steel Slag Aggregate According to Temperature and Void Percentage	2018
54.	Construction & Building Materials (CONBUILDMAT2018)	Investigation of Microscopic Air Void Structure of Saline Anti-Freezing Asphalt Pavement with X-ray CT and MIP	2018
55.	Construction & Building Materials (CONBUILDMAT2018)	Study of recycled stone mastic asphalt mixtures incorporating high rates of waste materials	2018
56.	Construction & Building Materials (CONBUILDMAT2018)	Mechanical Processing of Cotton Straw Fibers and the Performance of Fiber Asphalt Mastic	2018
57.	Construction & Building Materials (CONBUILDMAT2018)	Performance evaluation of the epoxy asphalt mixture with glass aggregate	2018
58.	Construction & Building Materials (CONBUILDMAT2018)	Mechanical and Physical Performance of Asphaltic Concrete Containing Nano-charcoal Coconut Shell Ash	2018
59.	Construction & Building Materials (CONBUILDMAT2018)	Effect of Phenolic Resin on the Performance of the Styrene-Butadiene Rubber Modified Asphalt	2018
60.	Construction & Building Materials (CONBUILDMAT2018)	Evaluating the effects of epoxy resin on the moisture sensitivity of asphalt mixtures by surface free energy measurement	2018
61.	Construction & Building Materials (CONBUILDMAT2018)	Study on anti-aged durability of HMA based on inherent and improved performance	2018

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
62.	Construction & Building Materials (CONBUILDMAT2018)	Performance Of Stone Mastic Asphalt Mix Using Pumice And Diatomite As Fibers	2018
63.	Construction & Building Materials (CONBUILDMAT2018)	Analysis of Viscosity and Composition Properties for Crumb Rubber Modified Asphalt	2018
64.	Construction & Building Materials (CONBUILDMAT2018)	Improving the Aging Resistance of Bitumen by Addition of Polymer Based Diethylene Glycol Additive	2018
65.	Construction & Building Materials (CONBUILDMAT2018)	Performance Of Stone Mastic Asphalt Mix Using Pumice And Diatomite As Fibers	2018
66.	Construction & Building Materials (CONBUILDMAT2018)	Characterization of Pavement Micro-Surfacing Modified by Inorganic Insulating Material	2018
67.	Construction & Building Materials (CONBUILDMAT2018)	Laboratory Investigation on Chemical and Rheological Properties of Bio-Asphalt Binders Incorporating Waste Cooking Oil	2018
68.	Construction & Building Materials (CONBUILDMAT2018)	Improvement of moisture damage resistance and permanent deformation performance of asphalt mixtures with marginal porous volcanic aggregates using crumb rubber modified bitumen	2018
69.	Construction & Building Materials (CONBUILDMAT2018)	Simulation Of Composition Of Recycled Hot-Mix Asphalt Mixture Produced In Asphalt Mixing Plant	2018
70.	Construction & Building Materials (CONBUILDMAT2018)	A novel design toolkit to assess asphalt-rubber gap-graded mixture performance: target properties and parametric relationships	2018
71.	Construction & Building Materials (CONBUILDMAT2018)	Properties of Polystyrene Grafted Activated Waste Rubber Powder (PS-ARP) Composite SBS Modified Asphalt	2018
72.	Construction & Building Materials (CONBUILDMAT2018)	Utilizing Tile Waste in Asphalt Binders	2018
73.	Ain Shams Engineering Journal (ASEJ)	3D finite element modeling to predict the foamed sulfur asphalt marl soil mixes rutting behavior	2018
74.	FONDECYT Regular 2018 Grant Competition	Experimental Study Based on Static-Dynamic and Mineralogical Correlations in the Development of Sustainable Bituminous Mixtures Using By-Products from the Cellulose Industry	2017
75.	Journal of King Saud University - Engineering Sciences (JKSUES2017)	Effect of High Temperature on Rutting Damage of Flexible Pavement	2017
76.	Journal: Resources Policy (JRPO2017)	Laboratory investigation on use of quarry waste in Open graded friction course	2017
77.	Journal of Cleaner Production (JCLEPRO2017)	Preparation and Properties of Geopolymer as Warm Mix Asphalt Additives.	2017
78.	Journal of Cleaner Production (JCLEPRO2017)	Application of Steel Slag Powder to Enhance the Low-temperature Fracture Properties of Asphalt Mastic and its Corresponding Mechanism	2017
79.	Journal of Cleaner Production (JCLEPRO2017)	Q1, Cold Recucling of Reclaimed Asphalt Pavement Towards Improved Engineering Performance	2017

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
80.	Journal of Cleaner Production (JCLEPRO2017)	A New Cold Recycling Method for Reclaimed Asphalt Pavement Towards Improved Engineering Performance	2017
81.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Experience Study on Long – life micro – surfacing with High Water – Resistance Performance.	2017
82.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Observation of Trends in the Characteristics of Stone Matrix Asphalt (SMA) by varying number of blows	2017
83.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Evaluation the Effect of Carbon Nanotube on the Rheological and Mechanical Properties of Bitumen and Asphalt Mixture (HMA)	2017
84.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Life Cycle Assessment (LCA) of Crack Sealing and Filing Treatment in Hot Mix Asphalt (HMA) Pavement	2017
85.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Q2, Life Cycle Assessment of Crack Sealing and Filling Treatment in Hot Mix Asphalt Pavement	2017
86.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Q2, Observation of Trends in the Characteristics of Stone Matrix Asphalt by Varying Number of Blows	2017
87.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Stabilized Pond Ash as a Sub-base Material in Road Construction	2017
88.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	Laboratory investigation on freeze-thaw resistance of eco-porous concrete containing fly ash	2017
89.	Journal of Traffic and Transportation Engineering (English Edition) (JJTE2017)	An Improved System of Skip-Lot Acceptance Sampling Plans for Highway Construction and Materials	2017
90.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	Readiness of Freight Transportation System at Special Economic Zone of Lhokseumawe.	2017
91.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	Development of Rubberised Asphalt By Using Solid and Liquid Natural Rubber.	2017
92.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	Assessing Public Transit In Sub Urban Residential Area: Case Study Within Petaling Jaya Municipal Area	2017
93.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	Modelling Track Access Charge to Enhance Railway Industry Performance	2017
94.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	The Advantage of Calculating Emission Reduction with local emission factors in South Sumatera Region	2017
95.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	Laboratory evaluation of the performance of asphalt mixtures containing biomass fillers	2017
96.	3rd International Conference of Construction and Building Materials (ICONBUILD2017)	Utilization of tar sand derived asphaltene for synthesis of Asphaltene-Styrene Polymer	2017

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
		Composite and its Application as Bitumen Modifier	
97.	Journal of Construction and Building Materials 2017	Q1, Early-Age Performance Characterization of Hot Mix Asphalt Overlay with Varying Amounts of Asphalt Binder Replacement	2017
98.	Journal of Construction and Building Materials 2017	Q1, Study the Effect of Foaming Water on the Rheological Properties of Foamed Warm Asphalt Using DSR	2017
99.	Journal of Construction and Building Materials 2017	Q1, Effect of Crumb Rubber ProductionTechnologyon Performance of Modified Bitumen	2017
100.	Journal of Construction and Building Materials 2017	Q1,Improving the Aging Resistance of Bitumen by Addtition of Polymer Based Diethylene Glycol Additive	2017
101.	Journal of Construction and Building Materials 2017	Q1 Early-Age Performance Characterization of Hot-Mix Asphalt Overlay with Varying Amounts of Asphalt Binder Replacement	2017
102.	Jurnal Teknologi	The Use of Mixed Waste Recycled Plastic and Glass as an Aggregate	2017
103.	Journal of Transportation Geotechnics (TRGEO2017), ELSEVIER	Technical and Environmetal Evaluation of Metallurgical Slags as Aggregate for Sustainable Pavement Layer Applications	2017
104.	Construction & Building Materials (CONBUILDMAT) 2017	Characterization of the Physical and Rheological Properties of Asphalt.	2017
105.	Construction & Building Materials (CONBUILDMAT) 2017	Effect of Crumb Rubber Production Technology on Performance of Modified Bitumen.	2017
106.	Construction & Building Materials (CONBUILDMAT) 2017	Experimental Investigation of the Relationship between Mineral Content and Aggregate Morphological Characteristics Using the Improved FTI system and XRD Method.	2017
107.	Construction & Building Materials (CONBUILDMAT) 2017	Effect of Lignin on Mechanical and Dynamical Properties of Asphalt Mixtures with Topeka Gradation	2017
108.	Construction & Building Materials (CONBUILDMAT) 2017	Optimization in Producing Warm Mix Asphalt with Polymer Modified Binder and Surfactant-Wax Additive	2017
109.	Construction & Building Materials (CONBUILDMAT) 2017	The Performance of Epoxidised Natural Rubber Modified Asphalt Using Nano-Alumina as Additive	2017
110.	Construction & Building Materials (CONBUILDMAT) 2017	Early-Age Performance Characterization of Hot-Mix Asphalt Overlay with Varying Amounts of Asphalt Binder Replacement	2017
111.	Construction & Building Materials (CONBUILDMAT) 2017	Laboratory Investigation on Chemical and Rheological Properties of Waste Cooking Oil Based Bio-Asphalt Binders	2017
112.	Construction & Building Materials (CONBUILDMAT) 2017	Analysis of Viscosity and Composition Properties for Rubber Asphalt	2017
113.	Construction & Building Materials (CONBUILDMAT) 2017	Improving the Aging Resistance of Bitumen by Addition of Polymer Based Diethylene Glycol Additive	2017

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
114.	Construction & Building Materials (CONBUILDMAT) 2017	Utilization of Tar Sand Derived Asphaltene for Synthesis of Asphaltene-Styrene Polymer Composite and its Application as Bitumen Modifier	2017
115.	Construction & Building Materials (CONBUILDMAT) 2017	Study the effect of Foaming Water on the Rheological Properties of Foamed Warm Asphalt Using the DSR	2017
116.	Construction & Building Materials (CONBUILDMAT) 2017	Experimental Investigation of the Relationship Between Mineral Content and Aggregate Morphological Characteristics Using the Improved FTI System and XRD Method	2017
117.	Journal of Hydrology	Investigation Clogging Dynamic of Permeable Pavement Systems Using Embedded Sensors	2017
118.	Journal of Resources Policy	Laboratory Investigation on Use of Quarry Waste in Open Graded Friction Course	2017
119.	Journal of Road Materials and Pavement Design	Photocatalytic Asphalt Pavement: The Physicochemical and Rheological Impact of TiO2 nano/ microparticles and ZnO Microparticles onto the Bitumen	2017
120.	Journal of Advances in Materials Science and Engineering	Studying Engineering Characteristics of Asphalt Binder and Mixture Modified by Nanosilica and Estimating their Correlations	2017
121.	Journal of Advances in Materials Science and Engineering	Laboratory Evaluation of Flexibility in the Reinforced Micro-surfacing modified Asphalt by hybrid Nano-materials and Fibers	2017
122.	Journal of Advances in Materials Science and Engineering	Comparative Performance Characteristics Warm Mix Asphalt Modified by Nanosilica	2017
123.	Journal of Advances in Materials Science and Engineering	Linking the Effect of Aggregate Interaction to the Compaction Theory for Asphalt Mixtures Using Image Processing	2017
124.	Journal of Advances in Materials Science and Engineering	Laboratory Study on Properties of Diatomite and Basalt Fiber Compound Modified Asphalt Mastic	2017
125.	Ingenieria e Investigacion	Bitumen Modified with Rcycled Polyurethane Foam for Employment in Hot Mix Asphalt	2017
126.	International Journal for Pavement Research and Technology	New concept for the design of flexible pavement at critical highway sections.	2015
127.	Journal for Pavement Research and Technology	Relationships Between Particle Size Factors in Aggregate Gradations and the Performance of Open-Graded Mixtures	2015
128.	Journal for Pavement Research and Technology	Effects of Aging on Water Sensitivity of Asphalt Mixtures Using Image Analysis Technique	2015
129.	Journal of Construction and Building Material, Q1	The Effect of Bitumen Emulsion and Portland Cement on Stabilised Roadbase	2015
130.	Journal of Construction and Building Material, Q1	Characterization of the rate of Change of Rheological Properties of Nano Modified Asphalt	2015
131.	Journal of Construction and Building Material, Q1	Rheological Characteristics of Unaged and Aged Epoxidised Natural Rubber Modified Asphalt	2015
132.	UTM Citra Karisma	Book Publication Award	2015
133.	Journal TRANSPORT	, Low temperature creep properties for fiber asphalt mixtures	2014

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
134.	Jurnal Teknologi – Special Edition (Highway and Transportation Engineering)	Effect of Aggregate Shape on The Properties of Asphaltic Concrete AC14	2014
135.	Jurnal Teknologi – Special Edition (Highway and Transportation Engineering)	Influences of Crumb Rubber Sizes on Hot Mix Asphlt Mixture	2014
136.	Jurnal Teknologi – Special Edition (Sustainability Issues in Transportation Engineering)	Truck and Cargo Drivers' Fatigue Related Accident in Bangladesh	2013
137.	Jurnal Teknologi – Special Edition (Sustainability Issues in Transportation Engineering)	Perception of Taxi Services in Oman	2013
138.	Journal of Structural Engineering and Mechanics	Dynamic behavior of crumb rubber concrete subjected to repeated impact	2013
139.	UTM Academic Award	Best Book	2013
140.	REAAA2013	Asphalt Binder Penetration And Viscosity Analysis Using Microwave Permittivity And Dielectric Constant	2013
141.	REAAA2013	Current Condition Evaluation And Repair Of Composite Pavement With Continuous Reinforced Concrete Base	2013
142.	REAAA2013	Discussion About Technical Problems On Producing WMA At Existinghma Plants	2013
143.	REAAA2013	Performance Of Warm Mix Asphalt Using A New Premix Type Additives	2013
144.	REAAA2013	The Proven 'Floating' Semi-Rigid Pavement - A Green, Sustainable And Cost Effective Solution For Roads In South East Asia	2013
145.	REAAA2013	Adoption Of Paving Mixture Made Using Scallop Shells	2013
146.	REAAA2013	Studies On Reduction Of Flexible Pavement Thickness By Use Of Polymer Modified Binder	2013
147.	REAAA2013	The Dawning Of A New Era Of Pavement Design	2013
148.	International Conference on Pavement Technology (ICPT2013)	Presenting maintenance budget allocation model for rural roads	2013
149.	International Conference on Pavement Technology (ICPT2013)	Economical Assessment of WIM systems in Pavement design	2013
150.	International Conference on Pavement Technology (ICPT2013)	Quantifying the quality of highway construction and M&R practices using ECC&ASL	2013
151.	Jurnal Teknologi UTM	Review of Percent Time Spent Following (PTSF) as Performance Measure for Two-Lane Highway	2013
152.	Journal of Transportation Engineering, ASCE	Numerical Analysis of Fatigue Behavior of Asphalt Pavements.	2012
153.	7th Asia Pacific Conference on Transportation and the Environment (APTE), Songkhla, Thailand	A Study on Cyclic Triaxial Test Method for Coarse Granular Materials	2012
154.	7th Asia Pacific Conference on Transportation and the Environment (APTE), Songkhla, Thailand	An Innovative Approach for Continuous measurement of cemented sand stiffness immediately after layer compaction	2012

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
155.	7th Asia Pacific Conference on Transportation and the Environment (APTE), Songkhla, Thailand	Surface Free Energy Components of Aggregates from Contact Angle Measurements Using Sessile Drop Method	2012
156.	7th Asia Pacific Conference on Transportation and the Environment (APTE), Songkhla, Thailand	Role of Resilient Modulus Constitutive Models on Response of Pavements	2012
157.	Sains Malaysiana Journal	Effects of Geometrically Cubical Shaped Aggregate on the Properties of Porous Asphalt.	2012
158.	National Postgraduate Conference-Universiti Teknologi Petronas UTP	New Design Method for Best Aggregate Packing.	2011
159.	National Postgraduate Conference-Universiti Teknologi Petronas UTP	The Application Of Modern Analytical Technique To Rheology And Morphology Of Polymer Modified Bitumen	2011
160.	National Postgraduate Conference-Universiti Teknologi Petronas UTP	Public Bus Passenger Demorgraphic and Travel Characteristics	2011
161.	Maejo International Journal of Science and Technology (MIJST)	Optimization of geometrically cubical coarse aggregates in asphalt mixes using response surface methodology.	2011
162.	Maejo International Journal of Science and Technology (MIJST)	The Effects of Break Point Locations and Nominal Maximum Aggregate Size on Porous Asphalt Properties	2011
163.	7th International Conference on Pavement Technology (ICPT), Bangkok, Thailand	Predicting The Bulk Specific Gravity of Asphalt Mixture Based on Different Aggregate Gradations and Bitumen Contents	2011
164.	7th International Conference on Pavement Technology (ICPT), Bangkok, Thailand	A Wholistic Approach to Testing and Evaluating Hot Mix Asphalt Mixtures	2011
165.	7th International Conference on Pavement Technology (ICPT), Bangkok, Thailand	Laboratory Evaluation of Aggregate Gradation Type on the Rutting	2011
166.	Journal of Research and Reviews of Applied Sciences	Properties of Geometrically Cubical Aggregates and its Mixture Design	2011
167.	11th International Conference on Asphalt Pavements, Nagoya, Japan	Evaluation and Further Development of Porous Asphalt Pavement with 10 Years Experience in Japanese Expressways	2010
168.	11th International Conference on Asphalt Pavements, Nagoya, Japan	HMA Related Research Activities for Airfield Pavements at the Federal Aviation Administration	2010
169.	11th International Conference on Asphalt Pavements, Nagoya, Japan	Optimization of the Aggregate Packing for the Design of High Performance Self Blocking Asphalts	2010
170.	11th International Conference on Asphalt Pavements, Nagoya, Japan	Study on Internal Structure Distribution of HMA Under Different Compaction Based on Digital Image Process	2010
171.	11th International Conference on Asphalt Pavements, Nagoya, Japan	A Study to Enhance the Understanding of Material Variability of Reclaimed Asphalt Pavement (RAP) and Construction Variability of Hot Mix Asphalt Consisting of High RAP	2010
172.	11th International Conference on Asphalt Pavements, Nagoya, Japan	Comparison Between Fatigue Performance of Foam Stabilized, Dense and Open Graded Asphalt Mixes.	2010

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
173.	Journal of Transportation Engineering, ASCE	Retroreflectivity Performanceof 90 mil Thermoplastic Longitudinal Pavement Markings	2009
174.	Journal of Association of Asphalt Paving Technologist (AAPT), USA	Mechanistic Design of Silent Asphalt Mix and its Validation	2009
175.	Journal of Association of Asphalt Paving Technologist (AAPT), USA	Research on the Application of Recycled PolyEthylene in High Modulus Asphalt Mix	2009
176.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Permanent Deformation Evaluation of Modified Waste Plastic Bitumen in Asphalt Concrete Using Fundamental and Simulative Methods	2008
177.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Visual Evaluation of Treated Pavement Materials by Scanning Electron Microscopy	2008
178.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Construction Development Process for Tsunami Road Project	2008
179.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Multivariate Regression Model Between Land Uses and Road Density	2008
180.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Research into Sustainable Asphalt Surfacing Mixes in the United Kingdom	2008
181.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Asphalt Technology in the Netherlands-Some Lessons for the Malaysian Asphalt Industry	2008
182.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Utilization of Petroleum-Contaminated Soils in Road Bases and Subbases	2008
183.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Strengthening of Unpaved Roads on Soft Subgrades Using Coir Geotextiles	2008
184.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Stress Relaxation Behavior of Asphalt Emulsion Residue	2008
185.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	The Effect of Block Thickness and Laying Pattern on the Performance of Concrete Block Pavement	2008
186.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Determination of Periodic Pavement Rehabilitation Treatment Using Pavement Condition Assessment (PCA)	2008

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
187.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Extent of Pavement Disintegration Associated with Low Cost Road Failure	2008
188.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	The Effect of Rainfall on Asphalt Surfacing Materials	2008
189.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Finite Element Analysis of Residual Strain Accumulation in Flexible Pavement	2008
190.	International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur	Influence of Crude Source on the Viscous Properties of Blended Asphalt	2008
191.	Jurnal Teknologi, Universiti Teknologi Malaysia	"Kajian dan Analisis Kemalangan Jalanraya" (Road Accident Investigation and Analysis)	2008
192.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	Laboratory Investigation of Possibility of Recycling Asphalt Concrete	2008
193.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	Development of Rut Predicting Theory For Asphalt Mix Design	2008
194.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	The Development of a System to measure the Strain on the Surface of the Pavement Caused by the Movement of Tires	2008
195.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	Study on the Quiet Pavement With SMA Include Coarse Crumb Rubber	2008
196.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	A Study on the Estimation of Relative Compaction of the Subgrade Using a Portable FWD	2008
197.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	Experimental Evaluation of Pavement Performance: Korea Expressway Corporation (KEC) Test Road	2008
198.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	Evaluation of Concrete Mix for Slab Replacement Using Maturity Method and Heavy Vehicle Simulator	2008
199.	6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan	10 Year History of Guss Asphalt Pavement Technology in Korea	2008
200.	Panel assessor for e-science research proposal	Acoustic Absorption Characteristics of Crumb Rubber Tyres/Plastic Porous Concrete	2008
201.	Panel assessor for e-science research proposal	Remediation of Contaminated Soil Using Electrokinetics Process	2008
202.	Internal assessor for a journal article for Malaysian Journal of Civil Engineering, Universiti Teknologi Malaysia	Automated Pavement Imaging Program (APIP) for Pavement Cracks Classification and Quantification	2007

NO	TYPE OF BOOK/ARTICLE	TITLE	YEAR
203.	External assessor for Universiti Kebangsaan Malaysia Engineering Journal, February 2006	"Minyak Silinder Terpakai Sebagai Bahan Pengubahsuai Bagi Konkrit Asfalt Campuran Sejuk" (Used Cylinder Oil as Modifier for Cold Asphaltic Concrete Mix)	2006
204.	Eastern Asia Society for Transportation Studies (EASTS) Conference, Bangkok, Thailand 2005	Suitable Maintenance Strategies: A Case Study for Bituminous Pavements in Vietnam Using HDM-4 With Gradient Methods	2005
205.	Eastern Asia Society for Transportation Studies (EASTS) Conference, Bangkok, Thailand 2005	Application of the Second Generation Wavelet Transform for Pavement Preventive Maintenance	2005
206.	Eastern Asia Society for Transportation Studies (EASTS) Conference, Bangkok, Thailand 2005	Influence of Coarse Aggregate on the Strength of Asphalt Concrete	2005

Community and University Services

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
1.	Committee member	Parent and Teacher Association, Maktab Rendah Sains MARA Gemencheh	2016 - 2020	COMMUNITY	NEGERI SEMBILAN
2.	President	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2019 – 2020	COMMUNITY	JOHOR
3.	Committee member	Parent and Teacher Association, Sekolah Kebangsaan Agama Taman Universiti 2	2018 – 2019	COMMUNITY	JOHOR
4.	Committee member	Sumbang Bakti Bagi Menjayakan Program CSR Pembinaan Rumah Asnaf Puan Norharyati bt Nor di Skudai Kiri Johor Bahru	2017	COMMUNITY	JOHOR
5.	President	Parent and Teacher Association, Sekolah Menengah Sains Sultan Iskandar Mersing	2014 – 2016	COMMUNITY	JOHOR
6.	President	Parent and Teacher Association, Sekolah	2013 – 2015	COMMUNITY	JOHOR

NO	ROLE	TITLE OF PROGRAMME	DATE	LEVEL	LOCATION
		Kebangsaan Taman Universiti 4			
7.	Committee member	Parent and Teacher Association, Sekolah Agama UTM Skudai	2012 - 2016	COMMUNITY	JOHOR
8.	Committee member	Parent and Teacher Association, Kolej Islam Sultan Alam Shah, Kelang Selangor	2012 - 2013	COMMUNITY	SELANGOR
9.	Committee member	Parent and Teacher Association Sekolah Menengah Sains Muar	2010 – 2011	COMMUNITY	JOHOR
10.	Committee member	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2008 – 2009	COMMUNITY	JOHOR
11.	Committee member	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2007 – 2012	COMMUNITY	JOHOR
12.	Committee member	Parent and Teacher Association Sekolah Menengah Taman Universiti	2005 – 2017	COMMUNITY	JOHOR
13.	Vice President,	Parent and Teacher Association, Sekolah Kebangsaan Taman Universiti 4	2005 – 2007	COMMUNITY	JOHOR

Patent Granted and Filing

NO	NAME OF PATENT	STATUS OF PATENT	REMARK
1.	A Method For Producing A Self-Healing Mixture (SHM) For Flexible Pavement	Utility Innovation Pending	IP/PT/02563
2.	A Method For Producing A Self-Healing Polymer For Flexible Pavement Applications	Patent Pending	IP/PT/02559

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NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT
1.	Skid Resistance Evaluation Form (UTM)	IP/CR/06684
2.	Image Processing and Thresholding Technique Developed for Asphalt Mixture	IP/CR/06619
3.	Dry mix process for HMA incorporating combination of activated crumb rubber and super plast as additive.	P/CR/04782
4.	Traffic Noise Measurement Form	IP/CR/04132

NO	NAME OF COPYRIGHT	STATUS OF COPYRIGHT
5.	Combination TCR-TP Additives in Asphalt Using Dry Process	IP/CR/03276
6.	Asphalt Food Waste Binder (Green Road Technology)	IP/CR/02139
7.	Hydrothermal Liquefaction of Food Waste	IP/CR/02140
8.	Enhanced dry process method for waste plastic modified asphalt mixture	IP/CR/02109
9.	Guideline for Carbon Footprint Calculation for MyGHI, 2021	IP/CR/01733
10.	Innovation Video for Asphalt FWB, 2021.	IP/CR/02103
11.	Asphalt FWB, 2021.	IP/CR/02139
12.	Enhanced dry process method for waste plastic modified asphalt mixture, 2021.	IP/CR/02109
13.	Reclaimed Asphalt Pavement Incorporating Maltene 2019.	IP/PT/2019/0898,
14.	Quality assurance of school of civil engineering UTM, 2019.	IP/CR/2019/1234
15.	Analogue Architectural System for Carbon Footprint Calculator Assessment, 2019.	IP/CR/2019/0929
16.	WMA-Cup lump, 2019.	IP/PT/2019/0928
17.	Program handbook for master of engineering transportation, 2019.	IP/CR/2019/0059
18.	Blending Process Cup Lump Rubber in Modified Asphalt, 2019.	IP/CR/2019/0228
19.	SKAB curriculum for bachelors degree of civil engineering UTM, 2019.	IP/CR/2019/0163
20.	Curriculum for Master in Highway and Transportation, 2019.	IP/CR/2019/0059
21.	Web based Application for Malaysian Green Highway Index, 2018.	IP/CR/2018/0706
22.	Studded Concrete Block Paver, 2018.	LY 2018003883
23.	Bio-Asphalt, 2017.	IP/CR/2017/0783
24.	Slide Pengajaran dan Pembelajaran Asphalt Modification, 2017.	IP/CR/2017/0270
25.	Green composite builfing material, 2016.	IP/CR/2016/0487
26.	Areca catecu leaves extract as green inhibitor, 2016.	IP/CR/2016/0485
27.	Students report card considering integrated cumulative grade point average ICGPA, 2016.	IP/CR/2016/0661
28.	An Improved Binder Composition For Flexible Pavement, 2016.	UI 2016701528
29.	Single Face Compaction on Asphalt Specimen, 2014.	PI 2014701351
30.	A Surface Friction Tester, 2008.	PI 20083089 MY-150024

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