



UTM
UNIVERSITI TEKNOLOGI MALAYSIA

AZMAN BIN MOHAMED



PERSONAL INFORMATION

Mailing Address : No. 17 Jalan Timah 7,
Taman Sri Putri,
81300 Skudai,
Johor Darul Ta'zim

E-mail Address : azmanmohamed.kl@utm.my / azman@civil.my

Gender : Male

Date of Birth : 10 September 1972

Race : Malay

Religion : Islam

Nationality : Malaysian

Identity Card No. : 720910-04-5263

Marital Status : Married

EDUCATIONAL BACKGROUND

P.hD (Civil Engineering) Universiti Teknologi Malaysia	May 2014
M. Eng (Traffic & Highway) Universiti Teknologi Malaysia	July 2004
B.Eng (Hons) (Civil) Universiti Teknologi Malaysia	October 1997
Dip. Civil Engineering Universiti Teknologi Malaysia	August 1993
Sijil Pelajaran Malaysia (Malaysia Certificate of Education) Sekolah Menengah Teknik Tuanku Ja'afar Ampangan, Seremban	November 1989
Sijil Rendah Pelajaran Malaysia (Lower Certificate of Education) Sekolah Menengah Kebangsaan Bukit Mendi, Triang Pahang	September 1987

AWARDS

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| 2018 | AWARD OF EXCELLENCE (Active Blended Learning Course), SKAA3842-Traffic Engineering), UTM Academic Leadership. |
| 2018 | Anugerah Kumpulan Penyelidik Terbaik. Pavement Transportation Research Group. Anugerah Hari Kualiti 2017, 19 July. |
| 2017 | Anugerah Kumpulan Penyelidik Terbaik. Pavement Transportation Research Group. Anugerah Hari Kualiti 2016, 24 July. |
| 2017 | GOLD AWARD. International UTMBridge 2017 Model Competition, Dewan Sultan Iskandar, UTM, Johor Bahru, 26 – 29 March. |
| 2017 | OVERALL WINNER AWARD. International UTMBridge 2017 Model Competition, Dewan Sultan Iskandar, UTM, Johor Bahru, 26 – 29 March. |
| 2017 | INATEX – BRONZE (Geo Repair). 19 th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November. |
| 2017 | INATEX – BRONZE (Eco Brick). 19 th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November. |
| 2017 | INATEX – BRONZE (Bio-Asphalt P5). 19 th Industrial Art and Technology Exhibition 2017, Dewan Sultan Iskandar, UTM, Johor Bahru, 21 – 23 November. |
| 2015 | FIRST PLACE. Best Pontoon Industry and Staff Academic Category. National Pontoon Competition, UTHM |
| 2014 | APPRECIATION LETTER, awarded by Malaysia Journal of Civil Engineering (MJCE) for review of Long Term Assessment of Strength and Heavy Metal Concentration in Cement-Fly Ash Stabilized Electroplating Waste Sludge (MJCE 0714-4) |
| 2014 | SPECIAL PRICE of Korean Federation of Small and Medium Business (Bio-Polycrete) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014. |
| 2014 | SIIF GOLD PRICE (Bio-Polycrete) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014. |
| 2014 | SIIF SILVER PRICE (Palm Eco-Crete) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014. |
| 2014 | SIIF BRONZE PRICE (Eco Green Brick) – Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea. 28 Nov – 1 Dec 2014. |
| 2014 | ITEX GOLD MEDAL (Micro Polymer Concrete from Biomass and Iron Ore Tailings) - ITEX 14. 25 th International Invention, Innovation & Technology Exhibition. Kuala Lumpur, Malaysia. 8 – 10 May 2014. |
| 2011 | APPRECIATION LETTER, awarded by Journal of Technical, Vocational & Engineering Education for review of articles submitted for publication in journal Volume 2-2011 |
| 2011 | APPRECIATION CERTIFICATE, awarded by Kolej Tun Dr Ismail & Pejabat Hal Ehwal Mahasiswa Dan Alumni UTM Skudai, for services as Pembantu Felo from 1 January 2009 to 31 January 2011. |
| 2005 | Excellent Service awarded by Universiti Teknologi Malaysia. |

PROFESIONAL MEMBER

Institution of Engineers, Malaysia	:	Civil – Graduate IEM No: G18162
Board of Engineer, Malaysia:	:	Civil – Graduate BEM No: 30258A
Concrete Society of Malaysia	:	M0545
American Concrete Institute Kuala Lumpur Chapter	:	Assoc 363
Mendeley Advisor	:	Elsevier
Malaysia Board of Technologist's (Professional)	:	PT18050365 – (Building & Construction Technology)
World Association for Scientific Research and Technical Innovation	:	WASRTI – M17299

INDUSTRIAL ATTACHMENT

KHAIRI CONSULT SDN BHD Room 4-16 Block A Jalan Persiaran Southkey 1 Taman Kota Southkey 80150 Johor Bahru, Johor	:	15 October 2015 – 14 October 2016
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PREVIOUS WORKING EXPERIENCES

UNIVERSITI TEKNOLOGI MALAYSIA

April 1998 to 2 November 2014

- Program of Diploma Study &
- UTM Razak School of Engineering and Advanced Technology

Position	:	Lecturer (Department of Civil Engineering)
Responsibilities	:	Lecturing, Subject Coordinator, Research, Administration I) Lecturing <ul style="list-style-type: none">- Preparing and giving lectures for the undergraduate (Diploma) students. Subjects :<ul style="list-style-type: none">- Traffic and Highway Engineering- Structure Analysis- Civil Engineering Material- Soil Mechanics- Geotechnical Engineering- Programming – Visual Basic 6- Prepare and coordinate the syllabus and examination for undergraduates.
	:	II) Administration <ul style="list-style-type: none">- Academic advisor for undergraduate students- Upgrading Highway laboratory equipment
	:	III) Subject coordinator <ul style="list-style-type: none">- DDA 3443 (Highway And Traffic Engineering)- DDA 3052 (Engineering Laboratory 1)- DDA 3092 (Engineering Laboratory 2)- DDA 3173 (Structural Analysis)- DDA 2043 (Programming- VB)- DMA 2452 (Theory Architecture 1)- DMA 3552 (Theory Architecture 2)

- IV) Master Project (Evaluation Panel)
 - MEBM
 - EMOSHM
- V) PhD Program
 - Evaluation Panel (Progress Study)
- VI) Supervision
 - Master Project
 - I) Mohd Afzan Bin Abdul Halim (MD121074) - (2013-2014)
 - II) S.Srimurugan s/o Subramaniam (MD 131010) - (2013-2014)
 - III) Hazwan Azfar Hashim- (2013-2014)
 - PhD
 - I) Nur Hidayah Bt Abd Halim (PA 123013)

Research: Interlocking Concrete Block Pavement (Master Program)
Performance of Underside Shaped Concrete Blocks for Pavement.

Exposure in Managing : I) Head of Highway Laboratory (1999 – 2000), (2005 to 2008)
II) Coordinator of SPACE Program
-(Branches: Kuala Terengganu, Kuching & Pulau Pinang) (1999 – 2000)
-(Branch: Kuala Lumpur) (2006 – 2008)
III) Coordinator of Franchise Programme –Civil Eng. (2005-2006)
IV) Coordinator of Engineering Doctorate (2014)

Others Involvements : Committee Member
I) Academic Guide Book; PPD (2004/05)
II) Industrial Practical (2003 to 2008)
III) PPD's Planning (2003)
IV) Exhibition & Opening Ceremony UTM International Campus (2003)
V) Subject Coordinator of Franchise Program (Dip. Of Construction Technology & Architecture)
VI) Master Science of Infrastructure (Developing Curriculum) - 2014

GAMUDA BERHAD

October 1997 – April 1998

Designation : Site Engineer (Road, Bridge and Building Construction)

Responsibilities : - To ensure progress of works on schedule and meets the standard requirement.
- Acknowledge, discuss and solve the problems that occurred at site with the respective parties.
- Organised the resources such as machinery, material and manpower.

Project : Damansara-Puchong Highway (package II)

TECHNOVENTURE CO. LTD

November 1994 – June 1995

Designation : Site Supervisor

Responsibilities : Building and site supervision

Project : Hotel and Resort, Pantai Puteri, Jerudong Brunei.

TEKNIK CEKAP CONSTRUCTION SDN. BHD

October 1993 – November 1994

Designation : Site Supervisor (Highrise Building)

Responsibilities : Structure, concrete and carpenter work supervision

Project : Renaissance Hotel Kuala Lumpur

SOON FONG CONSTRUCTION WORK SDN. BHD

August 1993 – October 1993

Designation : Site Supervisor / Quantity surveyor

Responsibilities : Carpenter work supervision and Taking off

Project : Bangsar Park Condominium, Jalan Marof Kuala Lumpur

CURRENT POST

UNIVERSITI TEKNOLOGI MALAYSIA

November 2014 to Date

- Faculty of Civil Engineering

Position : Senior Lecturer (Department of Geotechnics and Transportation)

Research : Concrete Block Pavement, Paver Block, Pavement Engineering, Advanced Concrete Technology & Filler Materials Between Blocks

PERSONAL SKILLS

Computer literacy

Three Dimensional (3D)View Software (SURFER 13.0 & SIGMA PLOT), Finite Element Software (LUSAS), MS Office, MS Publisher, MS Access, MS Excel, MS Visio, AutoCAD, Visual Basic 6.0, 3D Studio Max Fundamental.

Laboratory equipment

Large Shear Box, Highway Accelerated Loading Instrument (HALI), TML TDS-301 Data Logger, UCAM-20 PC Data Logger, Enerpac Hydraulic Jack, NDT Equipment, LVDT, CBR Machine, Bitumen testing equipment, several soil equipment testing machine

JOURNAL REVIEWER

Year	Journal Designation	Institution
2011	Journal of Technical	Universiti Teknologi Malaysia
2014	Journal Teknologi	Universiti Teknologi Malaysia
2014	Malaysian Journal of Civil Engineering	Universiti Teknologi Malaysia
May 2015	Jurnal Teknologi (Transportation Behaviour & Human Factors)	Universiti Teknologi Malaysia
July 2015	4 th International Conference On Engineering Business Management	Razak School, Universiti Teknologi Malaysia
Dec 2015	10 th International Conference of Geotechnical & Transportation Engineering (GEOTROPIKA 2016)	Universiti Teknologi Malaysia
Feb 2016	Malaysian Journal of Civil Engineering	Universiti Teknologi Malaysia
June 2016	International Conference on Science, Engineering and the Social Sciences	Universiti Teknologi Malaysia
August 2016	Pertanika Journal of Science & Technology (JST)	Universiti Putra Malaysia
June 2017	International Conference on Civil and Environment Engineering (CENVIRON)	Universiti Malaysia Perlis
2017	3 rd International Conference on Construction and Building Engineering (ICON BUILD)	Universitas Sri Wijaya
2017	Malaysian Journal of Civil Engineering	Universiti Teknologi Malaysia

Oct 2018	11 th International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) and 1 st International Conference on Highway and Transportation Engineering (ICHITRA)	Universiti Teknologi Malaysia
Jan 2018	3 rd International Conference on Construction and Building Engineering (ICON BUILD)	Universiti Teknologi Malaysia
July 2018	12 th International Civil Engineering Post Graduate Conference (SEPKA) -3 rd International Symposium on Expertise of Engineering Design (ISEED)	Universiti Teknologi Malaysia
Jan 2019	11 th International Conference on Geotechnical Engineering in Tropical Regions (GEOTROPIKA) and 1 st International Conference on Highway and Transportation Engineering (ICHITRA)	Universiti Teknologi Malaysia

PUBLICATIONS

- 2019 **Mohamed, A.**, Md Nor, H., David, S., & Awang, A. Z. (2019). Building Demolition Waste as Aggregates for Road-Base Construction. In A. R. Mohd.Sam & N. H. Abdul Shukor Lim (Eds.), *Sustainable Construction Using Waste Materials In Malaysia* (1st ed., pp. 113–126). Johor Bahru: Penerbit UTM Press.
- 2019 Aziz, M. Z., **Mohamed, A.**, Mohd Sam, R. A., & Awang, A. Z. (2019). Garnet for Bedding Sand Layer of Concrete Block Pavement. In A. R. Mohd.Sam & N. H. Abdul Shukor Lim (Eds.), *Sustainable Construction Using Waste Materials In Malaysia* (1st ed., pp. 131–144). Johor Bahru: Penerbit UTM Press.
- 2019 Mohd Jainar, N., Mohd Sam, A. R., Abdul Shukor Lim, N. H., & **Mohamed, A.** (2019). Self-Curing Concrete with Palm Oil Clinker as Fine Aggregates. In A. R. Mohd.Sam & N. H. Abdul Shukor Lim (Eds.), *Sustainable Construction Using Waste Materials In Malaysia* (1st ed., pp. 85–98). Johor Bahru: Penerbit UTM Press.
- 2019 Grawira, Ganjur Giwangkara, **Mohamed, A.**, Ab Kadir, M. A., & Abu Bakar, S. (2019). Concrete Waste Aggregate in Construction. In A. R. Mohd.Sam & N. H. Abdul Shukor Lim (Eds.), *Sustainable Construction Using Waste Materials In Malaysia* (1st ed., pp. 101–112). Johor Bahru: Penerbit UTM Press.
- 2019 Abd Khalid, N. H., Abdul Rasid, N. N., Mohd Sam, A. R., Abdul Shukor Lim, N. H., Zardasti, L., Ismail, M., **Mohamed, A.** & Majid, Z. A. (2019). The Hydration Effect on Palm Oil Fuel Ash Concrete Containing Eggshell Powder. *IOP Conference Series: Earth and Environmental Science*, 220(1). <https://doi.org/10.1088/1755-1315/220/1/012047>
- 2019 Abdul Rasid, N. N., Mohd Sam, A. R., **Mohamed, A.**, Abdul Shukor Lim, N. H., Abdul Majid, Z., A.Khalid, N. H., & Ling, T.-C. (2017). The Effect of Eggshell Powder as an Accelerator in Blended Cement Concrete. In *ASIA International Multidisciplinary Conference 2017 ASIA International Multidisciplinary Conference 2017* (pp. 1–6).
- 2019 Arfat, M., Yaacob, H., Hassan, N. A., Warid, M. N.M., Idham, M. K., Ismail, C. R., Nor, H. M., Hainin, M. R., **Mohamed, A.**, Mashros, N., Yunus, N. Z.M., Hassan, S. A., Jaya, R. P., & Ayob, M. F. (2019). Reversible Moisture Damage in Asphalt Mixture. *IOP Conference Series: Materials Science and Engineering*, 527(1). <https://doi.org/10.1088/1757-899X/527/1/012057>
- 2019 Barudin, N. M., Yaacob, H., Hassan, N. A., Warid, M. N.M., Idham, M. K., Ismail, C. R., Nor, H. M., Hainin, M. R., **Mohamad, A.**, Afiqah, R. N., Ayob, M. F., & Jaya, R. P. (2019). Correlation Between Functional and Structural Properties of Flexible Pavement. *IOP Conference Series: Earth and Environmental Science*, 220(1). <https://doi.org/10.1088/1755-1315/220/1/012007>
- 2019 C. Puan, O., **Mohamed, A.**, Idham, M. K., Ismail, C. R., Hainin, M. R., Ahmad, M. S. A., & Mokhtar, A. (2019). Drivers Behaviour on Expressways: Headway and Speed Relationships. *IOP Conference Series: Materials Science and Engineering*, 527(1). <https://doi.org/10.1088/1757-899X/527/1/012071>
- 2019 Giwangkara, G. G., **Mohamed, A.**, Khalid, N. H. A., Nor, H. M., Hainin, M. R., Jaya, R. P., ... Aziz, M. M. A. (2019). Recycled Concrete Aggregate As A Road Base Material. *IOP Conference Series: Materials*

- 2019 Idham, M. K., Jeffry, S. N.A., Hainin, M. R., Yaacob, H., Hassan, N. A., Warid, M. N.M., **Mohamed, A.**, & Yunus, N. Z.M. (2019). Effect of Different Rejuvenating Agents on The Mechanical Performance of Recycled Bituminous Mixture. IOP Conference Series: Materials Science and Engineering, 527(1), 0–15. <https://doi.org/10.1088/1757-899X/527/1/012051>
- 2019 Ismail, S., Abdul Hassan, N., Yaacob, H., Rosli Hainin, M., Ros Ismail, C., **Mohamed, A.**, & Mohd Satar, M. K. I. (2019). Properties of Dense-graded Asphalt Mixture Compacted At Different Temperatures. IOP Conference Series: Earth and Environmental Science, 220(1). <https://doi.org/10.1088/1755-1315/220/1/012010>
- 2019 Kamarudin, N. A.S., **Mohamed, A.**, Nor, H. M., Khalid, N. H. A., M. Sam, A. R., Hainin, M. R., ... Hassan, S. A. (2019). Effects of U-shaped Subgrade Concrete Ppanel on Subgrade Deformation. IOP Conference Series: Materials Science and Engineering, 527(1). <https://doi.org/10.1088/1757-899X/527/1/012059>
- 2019 Kamarudin, Nur Aiza Shuhada, **Mohamed, A.**, Md Nor, H., Hainin, M. R., A. Khalid, N. H., & Mohd Satar, M. K. I. (2019). Experimental Investigation of Flexural Behaviour of U-shaped Concrete Subgrade Panel. IOP Conference Series: Materials Science and Engineering, 620, 012061. <https://doi.org/10.1088/1757-899x/620/1/012061>
- 2019 Mior Sani, W. N. H., **Mohamed, A.**, Md Nor, H., Kamarudin, N. A. S., Khalid, N. H. A., Mohd Sam, A. R., & Ab Rashid, R. (2019). Characterization of Soil Mixed With Garnet Waste for Road Shoulder. IOP Conference Series: Earth and Environmental Science, 220(1). <https://doi.org/10.1088/1755-1315/220/1/012052>
- 2019 Mohammad, N. Z., Shyong, Y. Z., Haron, Z., Ismail, M., **Mohamed, A.**, A.Khalid, N. H., & Ling, T.-C. (2019). The Feasibility of Utilizing of Rock Wool Waste in a Double-Layer Concrete Brick for Acoustic- A Conceptual Review. In ASIA International Multidisciplinary Conference 2017 ASIA International Multidisciplinary Conference 2017.
- 2019 Naqibah, S. N., Hainin, M. R., Idham, M. K., Warid, M. N. M., Hassan, N. A., **Mohamed, A.**, ... Ismail, C. R. (2019). Performance of Rutting, Stripping and Cracking of Warm Mix Asphalt. IOP Conference Series: Materials Science and Engineering, 527(1). <https://doi.org/10.1088/1757-899X/527/1/012062>
- 2019 Norfazira, M. A., Hassan, N. A., Jaya, R. P., Nor, H. M., Mohd Satar, M. K. I., Mashros, N., & **Mohamed, A.** (2019). Mechanical Performance of Asphat Mixture Containing Cup Lum Rubber. Jurnal Teknologi, 6(81), 179–185.
- 2019 Putra Jaya, R., Mohd Satar, M. K.I., Abdullah, N. A., Hainin, M. R., Abdul Hassan, N., Yaacob, H., Mohd Warid, M. N., **Mohamed, A.**, & Ramli, N. I. (2018). Effect of Black Rice Husk Ash on Asphaltic Concrete Properties under Aging Condition. IOP Conference Series: Materials Science and Engineering, 431(3). <https://doi.org/10.1088/1757-899X/431/3/032003>
- 2019 Ramadhansyah, P. J., Haryati, Y., Norhidayah, A. H., Mohd Rosli, H., Muhammad Naquiuddin, M. W., **Azman, M.**, ... Ekarizan, S. (2019). Creep and Resilient Modulus Properties of Asphaltic concrete Containing Black Rice Husk Ash. IOP Conference Series: Earth and Environmental Science, 220(1). <https://doi.org/10.1088/1755-1315/220/1/012005>
- 2019 Razali, R., Hainin, M. R., Hassan, N. A., Idham, M. K., Malek, M. S. C., Warid, M. N. M., ... Ismail, C. R. (2019). Field Performance of Asphalt Pavement Maintenance Using Cup Lump Rubber Modified Asphalt (CMA). IOP Conference Series: Materials Science and Engineering, 527(1), 0–9. <https://doi.org/10.1088/1757-899X/527/1/012064>
- 2019 Shariff, M., Puan, O. C., Mashros, N., **Mohamed, A.**, Hassan, N. A., Ismail, C. R., & Hainin, M. R. (2019). Implementation of Chosen Risk Index During Car-Following Behaviour Under Wet Weather Condition. IOP Conference Series: Materials Science and Engineering, 527(1). <https://doi.org/10.1088/1757-899X/527/1/012078>
- 2018 Rasid, N. N. A., **Mohamed, A.**, Nor, H. M., Khalid, N. H. A., and Rahman, M. F. A. (2018). Performance of Spike Concrete Block Pavement Under Horizontal Loading. *Advanced Science Letters*, 24(6), 3978–3981. <https://doi.org/10.1166/asl.2018.11524>
- 2018 Ramadhansyah, P. J., Mohd Satar, M. K. I., Abdullah, N. A., Hainin, M. R., Abdul Hassan, N., Yaacob, H.,

- Azman, M.** Ramli, N. I. (2018). Effect of Black Rice Husk Ash on Asphaltic Concrete Properties under Aging Condition. *IOP Conference Series: Materials Science and Engineering*, 431(3). <https://doi.org/10.1088/1757-899X/431/3/032003>
- 2018 Mohd Asnawi, A. W., Fardhila, S. S. N., and **Azman, M.** (2018). Potential of Waste Garnet as Sand Replacement For Sub-base Layer. *Proceedings of the Post-Conference Colloquium in conjunction with 2 CTOM* (pp. 59–70). Kedah, Malaysia: Universiti Utara Malaysia.
- 2018 Ramadhansyah, P. J., Rosli Hainin, M., Abdul Hassan, N., Yaacob, H., Khairul Idham Mohd Satar, M., Naquiddin Mohd Warid, **Azman, M.**, ... Irwan Ramli, N. (2018). Marshall Stability Properties of Asphalt Mixture Incorporating Black Rice Husk Ash. *3rd International Conference on Green Chemical Engineering Technology (3rd GCET_2017): Materials Science Marshall*, 5(10), 22056–22062. <https://doi.org/10.1016/j.matpr.2018.07.068>
- 2018 Hafizah, N. A.K., Ismail, M., Sam, A. R. M., **Mohamed, A.**, Ismail, M. A., Jamellodin, Z., ... Majid, M. A. (2018). Physico-Mechanical Properties of Polymer Concrete Containing Micro-Filler of Palm Oil Fuel Ash. *Advanced Science Letters*, 24(6), 3974–3977. <https://doi.org/10.1166/asl.2018.11523>
- 2018 Mohd Asnawi, A. W., Fardhila, S. S. N. and **Azman, M.** (2018). Potential of Waste Garnet as Sand Replacement For Sub-base Layer. In *Proceedings of the Post-Conference Colloquium in conjunction with 2 CTOM* (pp. 59–70). Kedah, Malaysia: Universiti Utara Malaysia.
- 2018 Mohd Shukry, N. A., Hassan, N. A., Abdullah, M. E., Hainin, M. R., Md Yusoff, N. I., Jaya, R. P., and **Mohamed, A.** (2018). Effect of Various Filler Types on the Properties of Porous Asphalt Mixture. In *IOP Conference Series: Materials Science and Engineering* (Vol. 342). <https://doi.org/10.1088/1757-899X/342/1/012036>
- 2018 Kamarudin, N. A. S., **Mohamed, A.**, Nor, H. M., and Ismail, M. R. (2018). Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U-Shaped Subgrade Panel. *Advanced Science Letters*, 24(6), 4469–4473. <https://doi.org/10.1166/asl.2018.11628>
- 2018 Kamarudin, N. A. S., Mohamed, A., Nor, H. M., and Ismail, M. R. (2018). Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U-Shaped Subgrade Panel. *Advanced Science Letters*, 24(6), 4469–4473. <https://doi.org/10.1166/asl.2018.11628>
- 2018 Khalid, N. H. A., Ismail, M., Sam, A. R. M., **Mohamed, A.**, Ismail, M. A., Jamellodin, Z., ... Majid, M. A. (2018). Physico-Mechanical Properties of Polymer Concrete Containing Micro-Filler of Palm Oil Fuel Ash. *Advanced Science Letters*, 24(6), 3974–3977. <https://doi.org/10.1166/asl.2018.11523>
- 2018 Hainin, M. R., Khairul Idham Mohd Satar, M., Yaro, N. S. , Hussein, S. O. A. , Warid, M. N. , **Azman, M.**, ... Ramadhansyah, P. . (2018). Performance of Hot Mix Asphalt Mixture Incorporating Kenaf Fibre. *Earth and Environmental Science*.
- 2018 Hafizah, N. A. K., Rasid, N. N. A., Mohd.Sam, A. R., Lim, N. H. A. S., Ismail, M., Zardasti, L., **Azman, M.** Ariffin, N. F. (2018). Characterization of Palm Oil Fuel Ash and Eggshell Powder as Partial Cement Replacement in Concrete. *IOP Conference Series: Materials Science and Engineering*, 431, 032002. <https://doi.org/10.1088/1757-899X/431/3/032002>
- 2018 Abd Halim, N. H., Md Nor, H., Jaya, R. P., **Mohamed, A.**, Wan Ibrahim, M. H., Ramli, N. I., and Nazri, F. M. (2018). Permeability and Strength of Porous Concrete Paving Blocks at Different Sizes Coarse Aggregate. *Journal of Physics: Conference Series*, 1049(1), 1–6. <https://doi.org/10.1088/1742-6596/1049/1/012028>
- 2017 Feen, O. S., Mohamed, R. N., and **Azman, M.** (2017). Fresh And Hardend Properties of Self-compacting Lightweight Concrete Using Coarse Palm Oil Clinker. *Malaysian Journal of Civil Engineering*, 220(2), 205–220.
- 2017 Rahman, A., Sam, M., **Azman, M.**, Hafizah, N. A. K., Aida, M., Kadir, A., ... Sulaiman, M. F. (2017). Effect of Palm Oil Clinker as Coarse Aggregates Replacement In Self Curing Concrete. *Malaysian Journal of Civil Engineering*, 253(2), 241–253.
- 2017 Haron, Z., Jusli, E., Yaacob, H., Nor, H., Yahya, K., Ramadhansyah, P. J., **Azman, M.** Yahya, M. N. (2017). Prediction of Sound Absorption Performance for Double Layer Rubberized Concrete Blocks. *International Journal of Engineering & Technology*, 7, 1–15. <https://doi.org/10.1039/b925853a>
- 2017 Wan Noor Hin, M. H., and **Mohamed, A.** (2017). Characterization of Soil Mixed with Garnet Waste for Road

Shoulder. *UTM Colluquium*, 9(1), 9–14.

- 2017 Abd Halim, N. H., Nor, H. M., Ramadhansyah, P. J., **Mohamed, A.**, Abdul Hassan, N., Wan Ibrahim, M. H., ... Mohamed Nazri, F. (2017). Sound Absorption and Morphology Characteristic of Porous Concrete Paving Blocks. *IOP Conference Series: Materials Science and Engineering*, 271(1), 6–11. <https://doi.org/10.1088/1757-899X/271/1/012015>
- 2017 **Azman, M.**, Nur Ayuni Fatin, M., Nur Hafizah, A. K., and Hasanani, M. nor. (2017). Shear Resistance of Bedding Soil on Underside Shaped Concrete Block. *Materials for Road Construction* (pp. 33–50). Johor Bahru: Penerbit UTM Press. https://doi.org/10.1007/978-94-007-4473-8_3
- Oct 2016 Nur Aiza Shuhada, K., **Azman Mohamed**, Hasanani Md Nor, Muhammad Rais Ismail. (2016). Conceptual Review of Subgrade Strengthening for Low Bearing Capacity Soil and U-Shaped Concrete Panel. *4th International Conference on Science, Engineering, Management and Social Sciences (ICSEMSS 2016)*. Institut Sultan Iskandar (ISI), Universiti Teknologi, Malaysia. Paper ID 397.
- Sept 2016 Nur Aiza Shuhada, K., **Azman Mohamed**, Hasanani Md Nor. (2016). Experimental Feasibility of U-Shaped Concrete Panel for Low Bearing Capacity Subgrade. *The 11th International Seminar of Civil Engineering Research -The 1st International Symposium on Expertise Engineering Design (SEPKA-ISEED'16)*. Paper ID HT11.
- 2016 Mad Rosni, N. N., Jaya, R. P., **Azman, M.**, Hassan, N. A., Salah, F. M., and Agussabti. (2016). Effect of Fineness Coconut Shell Charcoal Ash on The Rheological Properties of Bitumen. *2nd International Congress on Technology - Engineering & Science*.
- May 2016 Nur Nadhira, A. R., ., **Azman Mohamed**, Nur Hafizah, A. K., Hasanani Md Nor, Muhammad Faiz, A. R. (2016) Performance of Spike Concrete Block Pavement Under Horizontal Loading. *Proceedings of the 2nd International Conference on Science, Technology and Social Sciences (ICSESS2016)*. Universiti Teknologi Malaysia. Paper ID ENG063.
- Jan 2016 Nur Hafizah A. Khalid, Mohd W. Hussin, , Jahangir Mirza, Nur Farhayu Ariffin, **Mohamed A.** Ismail, Han-Seung Lee, Azman Mohamed, Ramadhansyah Putra Jaya. (2016). Palm Oil Fuel Ash as Potential Green Micro-Filler in Polymer Concrete. *Construction and Building Materials*. 102, 950-960. **(Q1- IF = 2.265)**
- 2016 **Azman Mohamed**, Nur Hafizah A.Khalid, Hasanani Md Nor, Mohd Rosli Hainin, Ramadhansyah Putra Jaya, AbdulRahman Mohd Sam, Che Ros Ismail. (2016). Determination of groove and mechanical properties of underside shaped concrete paver. *Jurnal Teknologi (Sciences & Engineering)*, 78 (4), 79–83. ISSN 2180–3722 **(Scopus)**
- Nov 2015 Nur Hafizah, A. K., Hussin, M. W., Ismail, M., A. Ismail, M., **Azman, M.**, Ariffin, N. F., Samadi, M. (2015). Effect of Post-curing Regime on Density, Compressive Strength and Crosslinking of Polymer Concrete. *Jurnal Teknologi*, 77(12), 31–35. **(Scopus)**
- 2015 Hafizah, N. A. K., Hussin, M. W., Ismail, M., A. Ismail, M., **Azman, M.**, Ariffin, N. F., ... Samadi, M. (2015). Effect of Post-Curing Regime on Density, Compressive Strength and Crosslinking of Polymer Concrete. *Jurnal Teknologi*, 77(12), 31–35.
- Nov 2015 Idham, M. K., Jeffry, S. N. A., Hainin, M. R., Yaacob, H., Hassan, N. A., Warid, M. N. M., ... Yunus, N. Z. M. (2019). Effect of Different Rejuvenating Agents on The Mechanical Performance of Recycled Bituminous Mixture. *IOP Conference Series: Materials Science and Engineering*, 527(1), 0–15. <https://doi.org/10.1088/1757-899X/527/1/012051>
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- 2015 Jahangir Mirza, Nur Hafizah Abd Khalid, Mohd Warid Hussin, Mohammad Ismail, Mohamed A. Ismail, **Azman Mohamed**, Farhayu Ariffin, Mahmood Md. Tahir. (2015). Effectiveness of Palm Oil Fuel Ash as Micro-Filler in Polymer Concrete. *Jurnal Teknologi*. 77:16 ,75-80. **(Scopus)**
- June 2015 Euniza Jusli, Hasanani Md Nor, Ramadhansyah Putra Jaya, Zaiton Haron, Musli Nizam Yahya, **M Azman**, Lee Kuan Lim. (2015). Low Noise and Properties of Double Layer Concrete Paving Blocks. *Proceedings of the International Conference on Global Sustainability and Chemical Engineering*. Springer, 291-299. ISBN: 978-981-287-504-4 (Print) 978-981-287-505-1 (Online). Index by Elsevier. **(Scopus)**

- June 2015 AK Nur Hafizah, MW Hussin, M Ismail, MAR Bhutta, **M Azman**, PJ Ramadhansyah, A Nur Farhayu, ASL Nor Hasanah. (2015). Potential Effect of Palm Oil Fuel Ash as Micro-Filler of Polymer Concrete. *Proceedings of the International Conference on Global Sustainability and Chemical Engineering*. Springer, 41-49. ISBN: 978-981-287-504-4 (Print) 978-981-287-505-1 (Online). Index by Elsevier. (Scopus)
- June 2015 Nur Hafizah A. Khalid , Mohd Warid Hussin, Mohammad Ismail , Norazah Basar, Mohamed A. Ismail, Han-Seung Lee, **Azman Mohamed**. (2015). Evaluation of Effectiveness of Methyl Methacrylate as Retarder Additive in Polymer Concrete. *Construction and Building Materials*. Vol 93, Elsevier, 449–456. (Q1-IF = 2.265) ISSN: 0950-0618
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- June 2015 Euniza Jusli, Hasanan Md Nor, Ramadhansyah Putra Jaya, Zaiton Haron and **Azman Mohamed**. (2015). A Review of Double Layer Rubberized Concrete Paving. *Journal of Engineering Research Technology*, 2(2), 136-140.
- January 2015 **Azman Mohamed**, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob, Che Ros Ismail, &, Nur Hafizah Abd Khalid. (2015). Interaction Between Bedding Sand Thickness and Shell Groove-Underside Shaped Concrete Block Pavement. *Malaysian Journal Of Civil Engineering*. 27(1), 102-114. ISSN:1823-7843
- Nov 2014 Euniza J, Hasanan M.N, Ramadhansyah P.J, Zaiton H., and **Azman M.** (2014). A Review of Double Layer Rubberized Concrete Paving Blocks. *5th International Conference for Engineering and Sustainability- Faculty of Engineering-Islamic University Gaza*. pp 1-5.
- August 2014 **M. Azman**, M. N. Hasanan, M. R. Hainin, N. A. K. Hafizah (2014). Effective Thickness of Bedding Sand Layer for Shell Groove-Underside Shaped Concrete Blocks for Pavement. *Jurnal Teknologi (Sciences & Engineering)*, 70 (4), 143–147 (Scopus)
- 2014 Nur Hidayah, A. H., Nor, H. M., and **Azman, M.** (2014). Effect of Jointing and Sizes and Width on Horizontal Displacement of Concrete Block Pavement. *Jurnal Teknologi*, 71(3), 83–86. <https://doi.org/10.11113/jt.v71.3764>
- June 2014 NAK Hafizah, MW Hussin, MY Jamaludin, MAR Bhutta, M Ismail, **M Azman**. (2014). Tensile Behaviour of Kenaf Fiber Reinforced Polymer Composites. *Jurnal Teknologi (Sciences & Engineering)*, 69 (3), 11–15 ISSN: 01279696 (Scopus)
- June 2014 Hafizah, N.A.K., Bhutta, M.A.R., Jamaludin, M.Y., Warid, M.H., Ismail, M., Rahman, M.S., Yunus, I., **Azman, M.** (2014). Kenaf Fiber Reinforced Polymer Composites for Strengthening RC Beams. *Journal of Advanced Concrete Technology*, 12(6), pp 167-177. ISSN: 1346-8014 (IF = 0.508)
- May 2014 **Azman Mohamed**. (2014). *Performance of Underside Shaped Concrete Blocks for Pavement*. PhD Thesis. Universiti Teknologi Malaysia Johor Bahru, Johor.
- April 2014 **Azman.M**, Hasanan Md Nor, M.R.Hainin, Haryati Yaacob, Che Ros Ismail and Nur Hafizah A.K. (2014). Effect of Bedding Sand Thickness on Shell Groove-Underside Shaped Concrete Block Pavement. *National Seminar on Civil Engineering Research (SEPKA 14)*. 14th – 15th April 2014. Paper ID- T4. UTM Training Centre, UTM Johor Bahru.
- October 2013 NurHidayah A. H, Hasanan Md. Nor, and **Azman Mohammed** (2013). Effect of Jointing Sand Size and Spacing on Horizontal Displacement of Concrete Block Pavement. *The 9th International Conference of Geotechnical & Transportation Engineering (GEOTROPIKA) and The 1st International Conference on Construction and Building Engineering (ICONBUILD) – GEOCON2013*. 28th – 30th October 2013. Paper ID 136. Persada Johor Internatioanl Convention Centre, Johor Bahru, Johor.
- August 2013 Bhutta, M.A.R., Nur Hafizah, A.K., Jamaludin, M.Y., Warid, M.H., Ismail, M., **Azman, M.** (2013). Strengthening Reinforced Concrete Beams using Kenaf Fiber Reinforced Polymer Composite Laminates. *3rd International Conference on Sustainable Construction Materials & Technologies (SCMT3)*. 18th- 21st August 2013. Paper ID E506 Kyoto Research Park, Japan.
- April 2013 **Azman, M.**, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob, Che Ros Ismail, Nur Hafizah, A.K (2013). The Effect of Groove-Underside Shaped Concrete Block on Pavement Permanent Deformation. *Jurnal Teknologi (Sciences & Engineering)*, 61(3), pp 7-14. ISSN: 01279696 (Scopus)

- 2013 Nur Hafizah, A.K., Jamaludin, M.Y., Bhutta, M.A.R., Husin, M.W., Mohammad Ismail, **Azman, M.** (2013). Tensile Properties of Kenaf Fiber Reinforced Polymer Composites. *4th International Graduate Conference on Engineering, Science and Humanities (IGCESH 2013)*, 16-17th April 2013. Universiti Teknologi Malaysia, Johor Bahru, Malaysia, pp. 474-478. (ISSN: 1823-3287)
- 2012 **Azman Mohamed**, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob, Che Ros Ismail and Nur Hafizah Abd Khalid (2012). Laboratory Testing on Permanent Deformation of Grooved Concrete Block Pavement. *International Journal of Civil Engineering & Geo-Environment, Vol 3*, pp 35-40 (ISSN: 2180-2742).
- 2012 **Azman Mohamed**, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail (2012). The Effect of Underside Shaped Concrete Block On Pavement Rutting. *8th Asia Pacific Structural Engineering And Construction Conference 2012 (APSEC 2012) & 1st International Conference On Civil Engineering Research (ICCER 2012)*. 2-4 Oct. Paper No. Material 15, 435-440. (ISBN No: 978-983-44826-3-3)
- 2012 **Azman Mohamed**, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail (2012). Laboratory Testing on Permanent Deformation of Grooved Concrete Block Pavement. *National Conference on Postgraduate Research (NCON-PGR 2012)*. 7-9 Sept 2012. University Malaysia Pahang. Paper No. ID 78-134
- 2012 Hasanan Md Nor, Mohd Rosli Hainin and **Azman Mohamed** (2012). Structural Evaluation of Modified Concrete Block Pavement: Underside Surface Modification. Research Management Centre, UTM. 25 July
- 2011 **Azman Mohamed**, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob, Che Ros Ismail and Nooraini Ahmad (2011). "Interaction of Underside Shaped Concrete Blocks And Bedding Sand". *Research Seminar In Civil Engineering (SEPKA)*, September 13 -15. UTM Training Centre, Kolej 17, UTM Skudai Johor, 469 – 476. (ISBN No : 978-967-0194-05-9)
- 2011 **Azman Mohamed**, Shakira Abdul Aziz, Hasanan Md Nor, Mohd Rosli Hainin, Haryati Yaacob and Che Ros Ismail (2011). "The Effect of Laying Patterns On Underside Shaped Concrete Block Pavement Horizontal Resistance". Research Seminar In Civil Engineering (SEPKA), September 13 -15. UTM Training Centre, Kolej 17, UTM Skudai Johor, 477 – 483. (ISBN No : 978-967-0194-05-9)
- 2010 **Azman Mohamed**, Hasanan Md Nor and Mohd Rosli Hainin (2010). "Vertical Displacement of Underside Shaped Concrete Block Pavement". *The 8th International Conference on Geotechnical and Transportation Engineering, Geotropika 2010*. December 1 – 3. Sutera Harbour, Sabah, Malaysia. Paper No. ID-197
- 2010 Hasanan Md Nor and **Azman Mohamed** (2010). "Experimental Works On Varying Shapes Of Underside Surface Concrete Block For Pavement". Research Management Centre, UTM. 22 July 2010.
- 2004 **Azman Mohamed** dan Hasanan Md Nor (2004). Using Bedding Sand Mixed With Cement As Joint Filler In Concrete Block Pavement. *SEPKA 2004*, FKA, 1 – 2 Sept. Universiti Teknologi Malaysia..
- 2004 **Azman, M.** (2004). *Prestasi Sambungan Turapan Penguncian Blok Konkrit Menggunakan Pasir Pengalas Dengan Bahan Tambah Simen*. Master Thesis. Universiti Teknologi Malaysia Johor Bahru, Johor.
- 2004 **Azman Mohamed** and Hasanan Md Nor (2004). Effect of Horizontal Force To The Joint of Concrete Block Pavement. *JUTEKS*. Universiti Teknologi Malaysia. Kuala Lumpur.
Azman Mohamed dan Hasanan Md Nor (2004). Kesan Tindakan Daya Sisi Terhadap Jarak Sambungan Turapan Blok Konkrit. *JUTEKS*. Universiti Teknologi Malaysia. Kuala Lumpur.
- 2002 **Azman Mohamed** dan Hasanan Md Nor (2002). Kesan Sambungan Daya Sisi Terhadap Jarak Sambungan Turapan Blok Konkrit. *Proceeding Of The Research Seminar On Materials And Construction*. Oct 29-30. Universiti Teknologi Malaysia, pp 175-193.
- 2001 **Azman Mohamed** and Hasanan Md Nor (2001). Joint Performance of Concrete Block Pavement Using Badding Sand with Cement admixture. *Proceeding Of The National Research and Development Seminar Institute of Higher Education 2001*. 25-26 Oct. Kuala Lumpur, pp 604-610
Azman Bin Mohamed dan Hasanan Md Nor (2001). Prestasi sambungan Turapan Blok Konkrit Menggunakan Pasir Pengalas Dengan Bahan Tambah Simen. *Prosiding Persidangan Kebangsaan Penyelidikan Dan Pembangunan IPTA 2001*. 25-26 Oct. Kuala Lumpur, pp 604-610.

- 2001 **Azman Mohamed** dan Hasanani Md Nor (2001). Prestasi sambungan Turapan Blok Konkrit Menggunakan Pasir Pengalasan Dengan Bahan Tambahan Simen. *Proceeding of The Seminar On Construction*. Sept 12-13. Universiti Teknologi Malaysia, pp 378-386.

RESEARCH

- 01/03/2019 - 31/08/2020 Projek Penilaian Forensik Jalan Bersama Industri. (Business Entity Grant). S.J130000.0851.4Y212 . RM 1561. Project member
- 01/11/2019 - 31/10/2021 Impact Of Aggressive Behaviour On Speed Selection By Young And Middle-Aged Drivers. (Research University Grant- RUG – Tier 2).. R.J130000.2651.17J34. RM 30,000. Project member
- 01/11/2019 - 31/10/2020 Determination Of Sustainable Practice Using Machine Learning And Shear Wave Velocity Method For Road Design And Maintenance (Research University Grant- RUG – Tier 2). R.J130000.2651.17J87 RM 30,000. Project member
- 01/01/2019 - 31/12/2021 Reactivity of Bio-Energized Ovocalyxin Lime as Green Accelerator for Early Strength Blended Cement Concrete. (Fundamental Research Grant Scheme- FRGS). R.J130000.7851.5F034. RM 115,300. Project member
- 01/01/2019 - 31/12/2020 Microstructural Behaviour for Reversible Moisture Damage in Flooded Asphalt Mixture. (Fundamental Research Grant Scheme- FRGS). R.J130000.7851.5F019. RM 61,000. Project member
- 01/02/2018 - 31/01/2020 Urban Heat Island Effect: Thermal Response Of Conventional And Modified Asphalt Pavements. (Research University Grant- RUG TIER 1). Q.J130000.2522.19H82. RM50,000. Project member
- 01/04/2018 - 31/03/2021 Performance Of Effective Microorganisms Mortar As Concrete Block Pavement Surface.(High Impact Research-HIR) - Q.J130000.2451.04G54-UTM, RM 75,000. Project Leader
- 01/01/2017 - 31/05/2018 Kajian Pengurusan Pengangkutan Pusat Bandar Johor Bahru, Batu Pahat, Muar, Kulai Dan Pasir Gudang. Contract Research (CR) Perbadanan Pengangkutan Awam Johor (PAJ). R.J130000.7622.4C127. RM 460,000. Project member
- 01/10/2017 - 31/08/2018 Sustainable Farming With Green Technology. Contract Research (CR) Khalid Latiff Holding Sdn Bhd. R.J130000.7623.4C157. RM 10,600. Project member
- 01/07/2017 - 30/06/2019 Prediction On The Remaining Strength Of Flooded Asphalt Mixture. (Research University Grant- RUG TIER 1). Q.J130000.2522.17H68. RM 32,800. Project member
- 01/07/2017 - 30/09/2018 Performance of Rejuvenated Recycled Asphalt Mixture. (Research University Grant- RUG TIER 2). Q.J130000.2622.14J09. RM 20,000. Project member
- 01/11/2016 - 28/02/2017 Pemindahan Teknologi Kaedah Rekabentuk Turapan Jalan. (Centre For Community And Industry Network). S.J130000.0822.4Y060. RM 5,000. Project member
- 01/11/2016 - 31/10/2018 Sustainable Temperature Control For Broiler House In Malaysia. (Research University Grant- RUG TIER 1). Q.J130000.2523.15H88. RM 40,000. Project member
- 15/07/2016 - 14/04/2017 Penilaian Semula Rekabentuk Turapan Jalan Luar Bandar (Jalan Kampung). (Institut Inovasi Strategik Johor (IISJ)). Q.J130000.2522.15H16. RM 39,500. Project member
- 01/10/2016 - 30/09/2017 Simulation Study On Different Configuration Of Base Column In Lateral Resistance Of Diagrid System. (Research University Grant- RUG TIER 2). Q.J130000.2622.12J25. RM 20,000. Project member
- 01/10/2016 - 30/09/2017 Pembangunan Organisasi Universiti Teknologi Malaysia dan kesan kepada staf dan kakitangan Universiti Teknologi, Skudai, Johor. (Research University Grant- RUG TIER 2). Q.J130000.2631.11J72. RM 10,000. Project member
- 01/10/2016 - 30/09/2017 Reactive Silica Concrete Containing Eggshell As Hybrid Concrete Supplementary. (Potential Academic Scheme grant: PAS- UTM). Q.J130000.2722.02K54. RM 20,000. Project member

01/10/2016 - 31/03/2019	Mechanical Properties Of High Strength Concrete Using High Volume Crushed Ceramic Waste Tiles As Aggregates And Cement Replacement Material. (Research University Grant- RUG TIER 1). Q.J130000.2522.15H76. RM 40,000. Project member
1 Feb 2016 – 31 Jan 2018	Strengthening of Low Bearing Capacity Subgrade Soil Using Intelligent Shape Concrete Panel (ISCP) for Rural Road; RUG - Q.J130000.2522.13H03- UTM – RM50,000. Project Leader
15/11/2015 - 14/11/2017	A Study On The Use Of Various Water Absorbant Materials For Self Curing Concrete In Tropical Climate. (Research University Grant- RUG TIER 1). Q.J130000.2522.12H32. RM 50,000. Project member
02/11/2015 - 01/11/2018	Synergistic Reaction Effects of Tropical Microorganism and Carbide Lime Together With Reactive Silica on Strength and Durability of Concrete. (Fundamental Research Grant Scheme- FRGS). R.J130000.7822.4F722. RM 96,200. Project member
15/11/2015 14/11/2017	Interaction Mechanism Between Bituminous Mixtures And Kenaf Fibre To Improve Resistance Against Rutting And Moisture Damage Of Flexible Pavement. (Research University Grant- RUG TIER 1). Q.J130000.2522.11H35. RM 50,000. Project member
15/11/2015 - 31/12/2017	Evaluation On Project Based Learning Implementation For Civil Engineering Students In Malaysian University. (Research University Grant- RUG TIER 1). Q.J130000.2522.11H07. RM 37,5000. Project member
1 May 2015 – 30 April 2016	Investigation on Nailed Edge Restraint Concrete Block Paver for Pavement. (Potential Academic Scheme grant: PAS - Q.J130000.2722.01K67 – UTM – RM 20,000). Project leader
1 May 2015 – 31 Oct 2016	Development of High Permeability and Low Noise Concrete Paving Blocks. (Research University Grant: RUG:– Q.J130000.2522.10H02 - UTM – RM 49,750). Project member
1 Nov 2012 – 30 Nov 2014	Development and Performance of Low Noise Concrete Block Pavement (Research University Grant: RUG:– Q.J130000.2522.03H47 - UTM – RM 130,000). Project member
1 April 2011 – 31 March 2013	Grooved Underside Concrete Blocks For Pavement: Researcher (Research University Grant: RUG: Q.J13000.7122.00H93 – UTM – RM 130,000). Project member
1 April 2010 – 31 March 2012	Structural Performance Evaluation of Modified Concrete Block Pavement: Underside Surface Modification: Researcher (Fundamental Research Grant Scheme- FRGS 78556 – MOHE – RM 48,800). Project member
1 May 2009 – 30 April 2010	Experimental Works On Varying Shape Of Underside Surface Concrete Block Pavement: Researcher (Initial Research Grant Scheme: IRGS 78928 – UTM – RM 10,000). Project member
2004	Interlocking Concrete Block Pavement : Researcher

SUPERVISION

Postgraduate (Completed)

1. **Nur Nadhira Binti Abdul Rasid** (891109025490). Interaction of Underside Grooved Concrete Block With Bedding Sand Layer for Pavement. Master of Engineering (Civil – Transportation and Highway), UTM (2013 – 2014). Co-Supervisor
2. **Ssegujja David** (MKA151039). Mechanical and Physical Properties Characterisation of Construction Demolitions As Road Base Material. Master of Master of Engineering (Civil – Transportation and Highway, UTM (2017). Co-Supervisor.
3. **Owi Siew Feen** (MKA 143001 / 901209035270). Development of Precast Self-Compacting Lighweight Concrete Wall Panels. Master of Philosophy, UTM (Sept 2014 - 2015). Co-Supervisor
4. **Faisal Mohamed Mohammed Salah** (MKA 141026 / 201405M10006). Performance of Asphalt Concrete Incorporating SBR Subjected to Aging. Master Project of MKA, UTM (2014 - 2015). Co-Supervisor
5. **Nurul Najihah Binti Mad Rosni**. (MKA 141053 / 900420026228). Effect of Fineness Coconut Shell Charcoal Ash on the Rheological Properties of Bitumen. Master Project of MKA, UTM (2014 - 2015). Co-Supervisor

6. **Nurul Ain Binti Ibrahim** (MKA xxxxx/ 910829115938). The Effect of Gypsum on Mechanical Properties of White Kaolin. Master Project of MKA, UTM (2015 - 2016). Co-Supervisor
7. **Mohd Asnawi Bin Abd Wahab** (MKAA1514 / 831130015225). Partial Replacement of Natural Sand with Garnet for Bedding Sand Layer of Concrete Block Pavement. Master Project of MKA. Main Supervisor
8. **Mohd Zawawiv Bin Aziz** (MKAA1514 / 810922065375). Comparison Between Normal Sand and Garnet for Sub base Layer. Master Project of MKA. Main Supervisor.
9. **Wan Noor Him Binti Mior Sani** (MKAA1514 / 810308086598). Characterization of Soil Mixed with Garnet for Road Shoulder. Master Project of MKA . Main Supervisor
10. **Rozalina Binti Ab. Rashid** (MKAA1514 / 770613036286). Characterization of Soil Mixed with Asphalt Milling Waste for Road Shoulder. Master Project of MKA. Main Supervisor.
11. **Muhammad Syukri Bin Johari**. (MKA161189 / 931220075449). Master of Engineering. Visual Assessment As Forensic Investigation Tool At Jalan Universiti Intersection. (2016 – 2018). Main Supervisor
12. **Nur Aiza Shuhada Binti Kamarudin**. (MKA153003 / 861003595332). Master of Philosophy, MKATA3AJA. Inverted U-Shaped Concrete Panel For Low Bearing Capacity Subgrade Soil. (2015 – 2019). Main Supervisor.

Postgraduate (On-going)

1. **Grawira Ganjur Giwangkara** (PKA173028 / 201709M10374). Doctor of Philosophy, PKAWA3AJA. Concrete Demolition Waste As Road Base Layer Material. (2017 – 2020). Main Supervisor.
2. **Nur Hidayah Bt Abd Halim**. (PA123013 / 880510145444). Doctor of Philosophy, PA123013. Permeable Concrete Block Pavement. (2012 – 2019). Co Supervisor.
3. **Mazlan Bin Ismail**. (ERS142003 / 580404105743). Engineering Doctorate, ERSAA2YKA. Safety Leadership. (2014 – to Date). Co Supervisor.
4. **Massoud Abdelsalam Mohammed Benbini**. (201909M10271 (FR1J85Z0)). Doctor of Philosophy, PKA193023. Characterization of Heavy Duty Marine Clay Earth Block for Better Heat Transfer and Cool Pavenment. 2019. Main Supervisor
5. **Abdulaziz Abdulmalik**. (201902M10087 (A09803511)). Master of Philosophy, MKA183019. Characterization Of Marine Clay Under Microstructure Examination As A Pozzolna Material . Feb 2019. Co Supervisor

Nur Ayunie Binti Hasnol Puad. (MKA181117 / 950410-14-6782). . Master of Engineering. Thermal Properties Of Concrete Paver Containing Effective Microbe. 2019. . Main Supervisor

Undergraduate (Completed)

1. **Nurul Amalina Binti Mohamed Sani** (B13KA0036/920725-01-6598). Pull Out Resistance of Spike Block For Edge Restraint Concrete Block Pavement. (2015-2016) Main Supervisor
2. **Alvin Joss Gurubot** (910210-12-6043). Lateral Resistance of Steel Spike for Concrete Block Pavement (2015-2016). Main Supervisor
3. **Muhammad Faiz Hafizuddin Bin Mohd Radzi** (B13KA0028/921129-04-5071). Mechanical Properties Of Spike Block Concrete for Pavement (2015-2016). Main Supervisor
4. **Farah Idayu Binti Ahmad** (B16KA0007 / 940926-14-6258). Influence Of Effective Microorganisms On Sulphate And Chloride Content In Marine Kaolin. (2018-2019). Main Supervisor
5. **Filzah Atikah Binti Yusop**.(B16KA0080 / 950503-07-5100). Influence Of Marine Kaolin Mortar Mixed With Effective Microorganism On Heat. (2018-2019). Main Supervisor
6. **Muhammad Asyreen Haikal Bin Masdino**. (B16KA0056/ 950808-08-5473). Properties Of Mortar Containing Marine Kaolin Added With Effective Microorganism. (2018-2019). Co Supervisor

7. **Mohamad Shafiq Bin Arbain.** (B16KA0051 / 950728-11-5759). Engineering Properties Of Marine Kaolin Added Effective Microorganisms For Subgrade. (2018-2019). Co Supervisor

Undergraduate (On-going)

1. **Nurul Nazirah Binti Japa.** (B17KA0045 / 961024126648). Influence Of Lime In Efective Microorganism And Marine Clay As Cement Replacement Of Mortar. 2019-2020) Main Supervisor
2. **Siti Hawa binti Husin.** (A16KA0209 / 970411045068). Compressive Strength of Concrete with Marine Clay as Cement Replacement on Different Curing Conditions. (2019-2020) Main Supervisor
3. **Mohamed Hasiff bin Mohamed Azmi.** (B17KA0031 / 960415-43-5013). Engineering Property Of Marine Clay Earth Block With Mixture Of Effective Microorganism. (2019-2020) Main Supervisor

SEMINARS, CONFERENCES & COURSES
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|------------------------------|---|
| 8 Oct 2016 | Workshop on Auto Generate Thesis Writing (Advanced Moscrosoft Word, Mendeley & Moscrosoft Visio). KTF, UTM. Dr. Azman Bin Mohamed. |
| Oct 2016 | Forensic Civil Engineering Seminar 2016 (ForCES'16). Menara Razak, UTM Kuala Lumpur. |
| Oct 2016 | <i>4th International Conference on Science, Engineering, Management and Social Sciences (ICSEMSS 2016).</i> Institut Sultan Iskandar (ISI), Universiti Teknologi, Malaysia |
| Sept 2016 | <i>The 11th International Seminar of Civil Engineering Research -The 1st International Symposium on Expertise Engineering Design (SEPKA-ISEED'16).</i> Universiti Teknologi Malaysia |
| May 2016 | Workshop on Auto Generate Thesis Writing (Advanced Moscrosoft Word, Mendeley & Moscrosoft Visio). KTDI, UTM. Dr. Azman Bin Mohamed. |
| May 2016 | 2nd International Conference on Science, Technology and Social Sciences (ICSESS2016). Universiti Teknologi Malaysia |
| 21 Oct 2015 | Concrete Mix Design Workshop. UiTM Shah Alam. (Concrete Society of Malaysia) |
| 12 Oct 2015 | Bengkel Penyelian & Penerbitan Jurnal Siri 1. Pulau Spring Resort, Johor. |
| 6- 8 Oct 2015 | Pavement Forensic Investigation Course. FKA UTM Johor Bahru. |
| 3 Sep 2015 | Poatgraduate Supervision Orientation Course. UTM Academic Leadership (UTMLead) -(AS101) Module. Dewan Kuliah, UTMLead UTM Johor Bahru. |
| 23 August – 1 September 2015 | Penyelia Khemah Ukur Pelajar Tahun 1 SKAW Semester 2, 2014/2015. Teluk Gorek, Endau, Mersing Johor. |
| 29 April 2015 | Construction Materials Research Group- Progress Seminar. C09 UTM CRC Meeting Room. |
| 5-6 April 2015 | Mandatory Course Board of Engineer Malaysia (BEM): Safety & Health at Work Place. UTMLead. CTL Hall |
| 17-18th Feb. 2015 | Workshop on LUSAS. Seminar Room, Block M50, FKA. Assoc. Prof Dr Redzuan Abdullah |
| 22 Jan 2015 | Construction Industry & Environmental Issues: Iternatives & Solutions. DK2, V01, Faculty of Bioscience and Biomedial Engineering, UTM (Prof Dr. Jahangir Mirza) |
| 17 Dec 2014 | Strategic Leadership Development in Learning and Teaching in Higher Education Traning, UTMLead, Johor Bahru. (AP Dr. Hadina Habil, Dr. Sarimah Ismail & AP Fatimah Putih) |

14 – 15 April 2014	National Seminar on Civil Engineering Research (SEPKA 14), UTM Training Centre, UTM Johor Bahru.
28 Feb. 2014	Statistical Analysis Using Minitab. Computer Lab, D02, FKA, UTM. Dr. Ramadhanshah Putra Jaya.
15 Feb. 2014	Make Figure for Publishing in Thesis and Research Papers. Computer Lab, D02, FKA, UTM. Dr. Roothollah Kalatehjari.
4-5 Feb. 2014	Microsoft Words Workshop. CICT UTM International Campus Kuala Lumpur. Mrs Zahariah
29 Nov 2013	Workshop on Statistical Software of Minitab. Format' Computer Lab, D02, FKA, UTM. Dr. Ramadhanshah Putra Jaya.
16 – 17 Nov, 2013	Workshop on 'How to Prepare the Thesis and Journal Papers in LATEX Format' Computer Lab, D02, FKA, UTM. Dr. Hassan Chizari.
7 Nov. 2013	Workshop on Attractive and Effective Presentation With PREZI. F54, SPS Building, UTM. Dr. Anita Adnan
30 July 2013	Talk On Chartered Professional Reviews For Civil Engineer (Jointly Organized by the Consulting Engineering Special Interest Group and the Institution of Civil Engineers). Seminar Room PBL1 , M46, FKA, UTM by Henry Poh BEng (Hons), CEng, MICE – Chartered Civil Engineer (ice)
9 March 2013	Short Course on Microstructural Analysis. Postgraduate Student Society of Faculty of Civil Engineering. D10 Faculty of Civil Engineering. Dr Ramadhansyah Putra Jaya-Director Program
5 – 6 Feb 2013	TRIZ Practitioner Level 1. Seminar Room BATC UTM International Campus, KL
8 Dec. 2012	Short Course on Microstructural Analysis. Postgraduate Student Society of Faculty of Civil Engineering. D10 Faculty of Civil Engineering. Dr Ramadhansyah Putra Jaya
28 Nov 2012	Seminar on Publication. Room PBL 1, Block M46, Faculty of Civil Engineering, UTM JB. Prof. Dr. Hj Kamaruzaman Jusoff..
2-4 Oct 2012	<i>8th Asia Pacific Structural Engineering And Construction Conference 2012 (APSEC 2012) & 1st International Conference On Civil Engineering Research (ICCER 2012)</i>
7-9 Sept 2012	National Conference on Postgraduate Research 2012 (NCON-PGR 2012), University Malaysia Pahang.
30 June 2012	Bengkel Teknik Penulisan Cepat Tesis, Dr Othman Talib, Dewan Bankuet, Tingkat 1, Bangunan Pentadbiran UTM Skudai Johor
29 June 2012	Colloquium - Intelligent Infrastructure, Prof. Kenichi Soga (Visiting Professor from University of Cambridge, United Kingdom), Seminar Room B, D10, Faculty of Civil Engineering, UTM Skudai Johor
25 – 26 Jan 2012	HRFin Workshop, Research Management Centre (RMC), Level 3 Student Laboratory Computer, Centre Information and Communication Technology (CICT), Universiti Teknologi Malaysia, Skudai, Johor.
13 - 15 Sept 2011	Research Seminar In Civil Engineering (SEPKA), UTM Training Centre, Kolej 17, UTM Skudai Johor.
21-22 June 2011	Journal Publication Workshop, Construction Research Alliance UTM, Pendeta 4, Le Grandeur Palm Resort Johor
7 Jan 2011.	FKA Colloquium – Construction Industry Heading For Transformation, Smart Classroom FKA UTM; YB Dato' Sri Ir Dr Judin Bin Abdul Karim, Director General, Public Works Departments Malaysia.
5 January 2011	Briefing on Research Grant Scheme (Grant from MOSTI & Grant Universiti Penyelidikan (GUP)) conducted by RMC, Dewan Senat, Bangunan Caseleri Sultan Ibrahim, UTM
6 Dec 2010	Recent Issues And Development In Highway & Transportation Engineering. Faculty of Civil Eng. Universiti Teknologi Malaysia, Skudai, Johor.
1-3 Dec 2010	The 8 th International Conference on Geotechnical and Transportation Engineering, Geotropika 2010. Sutera Harbour, Sabah, Malaysia.

7-8 Oct 2010	Journal Publication Workshop, Mercure Johor Palm Resort & Golf, Senai Johor.
10 Dec, 2009	IPSMART 'Intellectual Property Patented', Seminar, Rumah Alumni UTM Skudai Johor.
23 Nov, 2009	Briefing & Workshop on Fundamental Research Grant Scheme (FRGS) Application 1/2010, Pulau Spring Resort, Skudai Johor.
12-14 June 2009	Convention FELO 2009, Aseania Resort Langkawi, Kedah
6 - 7 May 2009	Road Maintenance & Design Workshop, Faculty of Civil Eng. Universiti Teknologi Malaysia, Skudai, Johor.
21 March 2009	Institution of FELO Development Induction Course 2009, Dewan Sri Resak, Universiti Teknologi Malaysia, Skudai, Johor.
21 – 25 Feb 2008	Kursus Kenegaraan Sistem Saran Malaysia PTK1, Biro Tatanegara, Jabatan Perdana Menteri, Kem Bina Negara Ulu Seperi, Negeri Sembilan.
10 -12 April 2007	Kursus Penulisan Karya Asli, anjuran UTM, Crystal 8, Grand Seasons Hotel, Kuala Lumpur.
31 st Oct.2006	GSM-IEM October forum 2006: " ENGINEERING GEOLOGY & GEOTECHNICAL ENGINEERING", Armada Hotel Petaling Jaya Selangor.
24 May – 9 June 2005	University Induction Course, N 24 Universiti Teknologi Malaysia, Skudai, Johor.
20 Sept 2005	Technical Forum (Design Software By CSC), Holiday Villa Subang
18-19 May 2005	Kursus Penggunaan E-Learning, UTM, Makmal Komputer CICT, UTM City Campus, Kuala Lumpur.
Sept.2004	Research Seminar Faculty of Civil Engineering, Alumni House, Universiti Teknologi Malaysia, Skudai, Johor. <i>(Seminar Penyelidikan Fakulti Kejuruteraan Awam, Rumah Alumni, Universiti Teknologi Malaysia, Skudai, Johor.)</i>
20 May 2004	Generic Skills Seminar (Pedagogy & Endragogy) for SPACE Program Student, Universiti Teknologi Malaysia, Skudai, Johor. <i>(Seminar Peningkatan Kemahiran Pengajaran Untuk Pelajar Program SPACE, Universiti Teknologi Malaysia, Skudai, Johor)</i>
2002	5 th Malaysian Road Conference – Convention Centre Sunway Lagoon, Petaling Jaya
29 – 30 Oct 2002	Research Seminar On Materials And Construction. Universiti Teknologi Malaysia, Skudai Johor
2001	Research And Development National Conference , RCNC 2001, PWTC Kuala Lumpur <i>(Persidangan Kebangsaan Penyelidikan Dan Pembangunan IPTA 2001, PWTC Kuala Lumpur)</i>
12-13 Sept 2001	The Seminar On Construction. Universiti Teknologi Malaysia, Skudai Johor
2001	Technical Seminar – The Use of Tensar Geogrids In Road Pavements.- Hotel Grand Blue Wave, Johor Bahru, Johor.
13 – 15 May 1998	Teaching & Learning Course for New Lecturer – Programme of Diploma Study With UNIPEN <i>(Kursus Pengajaran Pembelajaran Pensyarah Baru – Program Pengajian Diploma Dengan Kerjasama UNIPEN)</i>

PERSONAL DEVELOPMENTS

4 – 5 Oct 2016	Committee of Forensic Civil Engineering Seminar 2016 (ForCES'16)
25 – 26 Sept 2014	Bengkel Pernerbitan Berpakej Buku Informatif Untuk Remaja, Dewan Bahasa dan Pustaka. Kuala Lumpur
23-24 Oct 2010	Training Of Finite Element Software In Civil & Mechanical Engineering (LUSAS), Degree++ Programme. UTMSPACE.
6 - 7 April 2009	SPSS Training, Centre of Teaching & Learning, Universiti Teknologi Malaysia.
27 – 30 Nov. 2006	Preparation Course: IELTS, CASE UTMKL.
18 & 19 May 2005	E-learning Course No. 2/2005.
4 Nov 2004	E-learning Course 2 nd Level CICT, Universiti Teknologi Malaysia, Kuala Lumpur.
April 2004	3D Studio Max Fundamental – Auto Desk, Universiti Teknologi Malaysia, Kuala Lumpur.
April 2004	MS ACCESS 2000 - Universiti Teknologi Malaysia, Kuala Lumpur.
April 2004	MS PUBLISHER 2000 - Universiti Teknologi Malaysia, Kuala Lumpur.
October 2003	VISUAL BASIC 6.0 - Universiti Teknologi Malaysia, Kuala Lumpur.
June 2003	MS EXCEL 2000 - Universiti Teknologi Malaysia, Kuala Lumpur.
March 2003	MS VISIO 2000 – Universiti Teknologi Malaysia, Kuala Lumpur.

CONSULTATIONS

Title	: Laboratory Testing of TENCATE Geosynthetic
Scope	: Deformation of Roadbase
Duration	: April-June 2010
Company	: TenCate (M) Sdn.Bhd
Role	: Project Member
Title	: Concrete Mix Design and Technical Advise
Scope	: Concrete Mix Design, Technical Assistance, Technical Course, Assistance for Laboratory setup
Duration	: November 2015 – October 2016
Company	: Southern Premix Sdn.Bhd
Role	: Project Leader
Title	: Cadangan Pembangunan Taman Tasik Bandar Tenggara, Lembaga Perbandaran Johor Tenggara.
Scope	: Technical Assistance and Produce Method of Statement
Duration	: October 2017 – June 2018
Company	: MU MAJU ENTERPRISE SDN BHD
Role	: Project Leader
Title	: Potential Use of Quarry Waste for Unpaved Road Shoulder
Scope	: Materials Testing, Technical Assistance, Technical Report and Site Monitoring Works
Duration	: February 2018 – December 2018
Company	: Infra Desa (Johor) Sdn Bhd.
Role	: Project Leader

UNIVERSITY INVOLVEMENTS / ACTIVITIES

1 Feb 2015 – 15 Oct 2015	Postgraduate Coordinator (PhD Programme) Faculty of Civil Engineering UTM Johor Bahru -2015
6- 8 Oct 2015	Facilitator on Pavement Forensic Investigation Course. FKA UTM Johor Bahru.
24 August 2015	Committee of Seminar On Advances and Challenges In Construction (ACC 2015), Kuala Lumpur
30 July 2015	Pembantu Pengerusi VIVA. Bilik Viva 4, F54 SPS UTM Skudai; Ahmad Nurfaidhi Rizalman, Doktor Falsafah (Kej. Awam)
9-10 May 2015	Postgraduate Info Day. Dewan Tan Sri Ainuddin Wahid, UTM KL
6 May 2015	Technical Discussion & Visit to Selia Group of Company, Ayer Keroh, Melaka.
28 April 2015	Industrial Visit. White Horse Ceramic & Malaysia Mining Heavy Engineering, Pasir Gudang, Johor
26 April 2015	Panel Penilai Peringkat Pertama Bagi Program Penyelidikan Sem II esi 2014/2015 (11 & 13 Me 2015)
26-27 April 2015	National Pontoon Competition, UTHM.
22 April 2015	Colloquium; Speaking, Presenting & Lecturing without notes. By Prof Ir. Dr. Hasanan Md Nor.
10 March 2015	Society of Geopolymer Malaysia General Meeting, USM, Penang.
3-10 Feb 2015	Research Collaboration Program At Sustainable Building Materials Center (SUSB) Hanyang University Erica Campus, Seoul, South Korea.
22 Jan. 2014	Lawatan Unit Pavemen, JKR Malaysia. D02, Makmal Jalanraya & Laluintas.
18 Dec 14	Pembantu Pengerusi VIVA. Bilik Viva 1, F54 SPS UTM Skudai; Mehran Gholami, Doktor Falsafah (Kej. Awam)
28 Nov – 1 Dec 2014	Seoul International Invention Fair (SIIF) 2014, COEX, Gangnam-Gu, Samseong-Dong, Seoul, Korea (Inventor)
30 Sept – 2 Oct 2014	16 th Industrial Art & Technology Exhibition (INATEX 2014) – (Studded Paver). Dewan Sultan Iskandar. UTM Skudai, Johor
25 - 26 August 2014	Technical Gommiltee. The 3 rd International Conference on Engineering Business Management. Royale Chulan Hotel, Kuala Lumpur.
25 August 2014	Technical Gommiltee. Seminar on Advances and Challenges in Concstruction. Dewan Jumaah, UTM Kuala Lumpur, Malaysia.
3 July 2014	Mesyuarat Jawatankuasa Akademik (Peperiksaan) - Pembentangan Keputusan Peperiksaan Semester II Sesi 2013/2014. Level 7, Menara Razak UTM KL.
20 June 2014	Coordinator of Engineering Doctorate Program, Razak School of Engineering and Advanced Technology. UTM Kuala Lumpur
16 June 2014	Technical Gommiltee. International Conference on Sustainable Urban Design for Livable Cities (SUDLiC 2014).
20 & 21 May 2014	Ahli Panel Penilai Pebentangan Projek Sarjana Eksekutif Pengurusan Keselamatan dan Kesihatan Pekerja. Level 15, Menara Razak, UTM Kuala Lumpur.

8 – 10 May 2014	ITEX 14. 25 th International Invention, Innovation & Technology Exhibition.(Micro-Polymer Concrete from Biomass and Iron Ore Tailings), Kuala Lumpur Convention Centre, Kuala Lumpur, Malaysia.
7 May 2014	Mesyuarat Bersama Syarikat Starken ACC Sdn Bhd (Project Palm EcoCreate)
31 Mac 2014	Curriculum Commiltee. Master Science of Sustainable Infrastructure Program, Razak School of Engineering and Advanced Technology. UTM Kuala Lumpur.
7 Nov 2013	Technical Commiltee. Workshop on Attractive & Effective Presentation With Powerpoint And Prezi
31 Oct – 1 Nov 2013	Perbincangan Penyelidikan & Kolokium Bersama Professor Pelawat-Prof Gordon Airey, Director of Nottingham Transportation Engineering Centre (NTEC), University of Nottingham. Jabatan Geoteknik & Pengangkutan FKA UTM Skudai, Johor
2 – 4 Oct. 2013	15 th Industrial Art & Technology Exhibition (INATEX 2013) –(Micro-Polymer Concrete from Biomass Filler and Iron Ore Tailings & Double Layer Ruberized Concrete Block Pavement). Dewan Sultan Iskandar. UTM Skudai, Johor
18 June 2013	Mesyuarat Aliran Trafic Di UTM KL, , Bi1ik Gerakan, UTM Kuala Lumpur
30 May 2013	Bengkel Autonomi – Fakulti Razak School of Engineering & Advanced Technology; Aras 15 Menara Razak.
18 Mac 2013	Perbincangan Mengenai Lalulintas Dan Tempat Letak Kenderaan UTM KL, Bi1ik Gerakan, UTM Kuala Lumpur
9 Mac 2013	Programe Director. Micro Structural Analysis (TGA/DTA, MIP, XRD, SEM & FTIR)
27 – 29 Dec 2010	Jawatankuasa Pelaksana Kem Pembentukan JKM Kolej Tun Dr. Ismail Universiti Teknologi Malaysia, Skudai, Johor. Dusun Eco Resort, Bentong, Pahang Darul Makmur.
14 – 23 Dec 2010	Global Outreach Program: Institute of Technology Delhi (IITD), India. Historical Places: New Delhi. Agra & Jaipur.
27 Sept 2010	Jamuan Hari Raya Aidilfitri Institut Pembangun FELO (IPF), Dewan Sri Belian, KTF
23 August 2010	Majlis Berbuka Puasa Institut Pembangun FELO (IPF), Dewan Sri Merbau, KTHO.
28 July – 8 August 2010	Chief Division of Kolej Tun Dr Ismail (KTDI) team for SUKAM 18, 2010, UTM.
26 July 2010	IPF Colloquium – Preparation For The Inevitable Collapse of The World Paper Money System, Dewan Seri Meranti, Kolej Rahman Putra, UTM: Prof Zuhaimy Hj Ismail, Pengerusi Dinar Dirham Research Group.
24 -25July 2010	Water Rafting, Sedim, Kulim Kedah: Team-5, Kolej Tun Dr Ismail (KTDI).
24-26 June 2010	Kem Pemantapan Jawatankuasa Kolej Mahasiswa, Kolej Tun Dr Ismail (KTDI) Sesi 2010, Kuala Tahan, Pahang.
3-13 May 2010	TRANS BORNEO BIODIESEL EXPEDITION 2010' & 'SETULUS KASIH BUATMU SIBU (SEKABUS), MALAYSIA, INDONESIA & BRUNEI.
1 April 2010	Kursus Induksi FELO 2010, Dewan Jamuan, Pejabat Pentadbiran UTM
22 Mach 2010	IPF Colloquium : Perbandingan Antara Agama, Masjid Sultan Ismail, UTM
1Feb. 2010 – 31Jan. 2011	Pembantu FELO, Kolej Tun. Dr. Ismail (KTDI), Universiti Teknologi Malaysia, Skudai Johor.
14 – 19 Nov. 2009	Kursus Pembentukan Jawatankuasa Kolej Mahasiswa, Kolej Tun Dr Ismail (KTDI) Sesi 2010, Pulau Pangkor & Dewan Sri Resak KTDI, UTM.
16 – 18 Oct. 2009	Bengkel Kecemerlangan Staf Kolej Tun Dr. Ismail, Hotel Sri Malaysia, Mersing, Johor.

24 – 26 June 2009	Kem Komander Kursus Pemantapan JKM Kolej Tun Dr. Ismail (KTDI), Pulau Kapas Terengganu.
15 – 22 June 2009	Lestari Bario Programme, Bario Sarawak.
July – August 2009	Kejohanan Antara Kolej Mahasiswa (SUKAM), UTM: Penyelaras SUKAM 17, Kolej Tun. Dr. Ismail (KTDI), Universiti Teknologi Malaysia, Skudai Johor.
March 2009	Technical Committee Institution of FELO Development Induction Course 2009, Universiti Teknologi Malaysia, Skudai Johor.
Feb. 2009 – Jan. 2010	Pembantu FELO, Kolej Tun. Dr. Ismail (KTDI), Universiti Teknologi Malaysia, Skudai Johor.
27 May 2008	Penceramah Lawatan Sambil Belajar, DK6, Universiti Teknologi Malaysia, Kuala Lumpur.
May 2008	Pengurus Bowling Lelaki, Karnival Sukan Kolej Sains & Teknologi (KST) 2008, Universiti Teknologi Malaysia, Kuala Lumpur.
22-24 July 2005	Fasilitator Program Perkhemahan Pelajar di Kem Bina Negara Ulu Kenas, Kuala Kangsar Perak
6 May 2005	Technical Speech To Students Sek. Teknik Bachok Visit Programme.
8 March 2005	Quality Evaluation (Franchise Programme) Institut Kemahiran Pasir Mas Kelantan.
25 - 26 Feb. 2004	Technical Speech To Students Sek. Teknik Klang Visit Programme.
2004 -2005	AJK Pemasaran Kolej Sains & Teknologi, Universiti Teknologi Malaysia, Kuala Lumpur.

OTHER INVOLVEMENT / ACTIVITY

2007-2009	AJK (Pendidikan) Surau Amaniah Vista Amani Kondo, Bdr Tun Razak, Kuala Lumpur
2019-2020	AJK (Biro Ekonomi dan Kewangan) Fasa Ros Merah, Taman Pulau Indah. Kangkar Pulau, Johor.