

POSTGRADUATE EXAMINATION /VIVA

1. Chairman for Viva Examination for PhD candidate, Mohammad Taher Ahmed Al-Ashwal, 2 May 2019
2. Chairman for Viva Examination for PhD candidate, Muhammad Hatta Mohd Satar, October 2018
3. Chairman for Viva Examination for PhD candidate, Khaitun Nissa Mat Said, August 2018
4. Chairman for Viva Examination for PhD candidate, Syaiful Akmal Saadon, April 2018
5. Chairman for Viva Examination for M.Phil Candidate, Tan Lay Ting, March 2018
6. Chairman for Viva Examination for PhD candidate, Faizal Pakir, 16 July 2017
7. Chairman for Viva Examination for PhD candidate, Umar Murtala, 11 May 2017
8. Chairman for Viva Examination for PhD candidate, Elnaz Khankaje, 12 April 2017
9. Chairman for Viva Examination for PhD candidate, Mahdi Rafieeizonooz, 7 November 2016
10. Chairman for Viva Examination for PhD candidate, Chow Kok Kow, 4 October 2016
11. Chairman for Viva Examination for PhD candidate, Shakila binti Abdullah, 17 May 2016
12. Chairman for Viva Examination for PhD candidate, Hasnida binti Harun, 26 April 2016
13. Chairman for Viva Examination for PhD candidate, Nor Hasyimah Rosman, 9 August 2016
14. Chairman for Viva Examination for PhD candidate, Mohamad Shoraka, 26 February 2015
15. Chairman for Viva Examination for PhD candidate, Zulkiflee Ibrahim, entitled "Flow Behavior Due To Floodplain Roughness Along Riparian Zone In Compound Channels", 27 October 2014
16. Chairman for Viva Examination for PhD candidate, Mohd Fakhrurrazi Bin Ishak, entitled "The Influence of Tree Water Uptake on Suction Distribution in Unsaturated Tropical Residual Soil Slope", 23 September 2014
17. Chairman for Viva Examination for PhD candidate, Taha Mehman Navaz, entitled "Characteristics of Ferrocement Sandwich Aerated Concrete Wall Elements Incorporating Pozzolonic Waste Materials", 19 May 2014
18. Chairman for Viva Examination for PhD candidate, Eluwa Stephen Enyinnaya, entitled "Household Energy Consumption and CO₂ Emission Reduction in Ibadan City, Nigeria", 6 May 2014
19. Chairman for Viva Examination for PhD candidate, Ramzi Bin Ibrahim, entitled "Information Sharing to Support Collaborative Teamwork in Construction", 10 February 2014
20. Chairman for Viva Examination for PhD candidate, Mahdy Khari, entitled "Influence of Soil Pile Interaction on Seismic Behavior in Sandy Condition", 20 January 2014

21. Chairman for Viva Examination for PhD candidate, Mohd Azreen Bin Mohd Ariffin entitled "Engineering Properties and durability performance of geopolymers concrete using blended ash from agro industrial waste", 31 December 2013
22. Chairman for Viva Examination for PhD candidate, Ali H. Ahmed Suliman entitled "Top Model Based Rainfall Runoff Modeling of a Data Scarced Catchment Area", 02 October 2013.
23. Chairman for Viva Examination for PhD candidate, Bahman Salami entitled "Structural Models of Effective Factors for Built Operation Transfer Plant Projects", 31 October 2013.
24. Chairman for Viva Examination for Masters by Research, Mohd Affendi Bin Ismail on title "Weightage Factors for Malaysia Green Highway Assessment", 16 May 2013
25. Chairman for Viva Examination for Masters by Research, Bahktiar Affendy bin Othman on title "Performance of Embankment on Bamboo Geotextile Composite Reinforced Soft Clay" 9 March 2012

PhD EXTERNAL EXAMINER

1. External Examiner for PhD Candidate, Mohammad Nasir Bin Mohamad Taher, UTHM, 19 May 2019
2. External Examiner for PhD Candidate, Kabiru Abdullahi, UTHM , Thesis entitled, "Effect of Nano Clay on Asphalt Binder and Bituminous Mixture Properties", 12 April 2018
3. External Examiner for PhD Candidate, Ekarizan Shaffie, UiTM , Thesis entitled, "Effect of Nanopoly Acrylate/Natural Rubber Latex on Asphalt Binder and Bituminous Mixture Properties", Sept 2017
4. External Examiner for PhD Candidate, Khairil Azman Bin Masri, UiTM , Thesis entitled, "Performance of Porous Asphalt with Nanosilica Modified Asphalt Binder, June 2017
5. External Examiner for PhD Candidate, Peyman Babashamsi, UKM, Thesis entitled, "PAVECO: An Integrated Life Cycle Cost Analysis and Life Cycle Assessment Toward Sustainable Airport Pavement System, July 2017
6. External Examiner for PhD Candidate, Abdalrahman Abraham Mohamed Salem, UKM, Thesis entitled, "Web Based System for Flexible Pavement Maintenance, June 2017
7. External Examiner for PhD Candidate, Hend Ali Elharari Omar UKM , Thesis entitled, "The Effect of Moisture Damage on Adhesion Properties of Nano-Clay, 1 Disember 2016
8. External Examiner for PhD Candidate, Bashir M Bashir Aburawi USM , Thesis entitled, "Effect of Aging, Production Temperature & Moist Aggregates & Moisture Sensitivity of Warm Mix Asphalt Incorporating Rh-Wma Additive, 22 November 2016
9. External Examiner for PhD Candidate, Allam Musbah Al Allam UTHM, Thesis entitled, "The Evaluate of Using BatuPahat Soft CLAY (BPSC) As Modified Of Asphalt Binder and Mixture", 14 September 2016

10. External Examiner for PhD Candidate, Amir Falarmazi UKM, Thesis entitled, "Development of A Web Based Advisory Expert System to implemet Traffic Calming Strategies", 13 May 2015
11. External Examiner for PhD Candidate, Yasreen Gasm Alkhig Suliman Mohamed UTP, Thesis entitled, "Optimization of Aggregate Gradation Combination to Improve the Asphalt Mixture Volumetric and Engineering Properties, Durability and Over All Performance", 24 August 2015.
12. External Examiner for PhD Candidate Mojtaba Shojaei Baghini UKM, Thesis entitled, Investigation of Engineering Characteristics of Cement-Treat Road Base Using Bitumen Emulsion, Rovene[®] 4045 and Tylac[®] 4190 Additives, 1 Ogos 2015
13. External Examiner for PhD Candidate, Wan Mohd Nazmi Bin Wan bdul Rahman, UMP, Thesis entitled." The Influence of PolyEthylene Terephthalate and High Density PolyEthylene Pellet as Aggregate Replacement in Asphalt Mixture", Sept 2014
14. External Examiner for PhD Candidate, Kam Ken Jhun, USM, Thesis entitled." A Study on The Acceptance of QLASSIC By Malaysian Contractors and Its Relationship with Building Resident's Satisfaction", 12 June 2014
15. External Examiner for PhD Candidate, Madi Hermadi,UHTM, Thesis entitled, "Developing New Chemical Rheological Models and Chemical Durability Indices of Bitumen, 21 Nov 2013
16. External Examiner for PhD Candidate, Frag Ahmed Ma Kridan,UiTM, Thesis entitled, "Development and Performance Determination of Warm Mix Asphalt Using RAP for Malaysian Conditions 7 Nov 2013
17. External Examiner for PhD Candidate, Mohamed Solah Khalil Abdel Ghalil, UiTM, A Study on Workability Measurement and Correlation with Performance of Hot Mix Asphalt, Sept 2013
18. External Examiner for PhD Candidate, Ahmad Mancy UKM, Thesis entitled, "Using Expert System to Solve Problems during Rigid Pavement Construction", August 2013
19. External Examiner for PhD Candidate, Mohd Sayuti USM, Thesis entitled." Knowledge Competency of Civil Engineers", June 2013

PHD INTERNAL EXAMINER

1. Internal Examiner for PhD Candidate, Tareq Mohammed Ali Al-Bahr, Thesis entitled 'Effect of Geometric and Traffic Parameters on New Development Model of Speed-Flow Relationship in Urban Roads', May 2019
2. Internal Examiner for PhD Candidate, Raja Rafidah, UTM, Thesis entitled "Green Highway Index", 17 April 2019
3. Internal Examiner for PhD Candidate, Euniza Anak Jusli, UTM, Thesis entitled." Concrete Block Pavement ", 08 February 2018

4. Internal Examiner for PhD Candidate, Ahmed S.A Abdelgalil, UTM, Thesis entitled." Development of Asphalt Block Pavement ", 15 January 2015
5. Internal Examiner for PhD Candidate, Nickholas Anting Anak Guntor, UTM, Thesis entitled." Cool Pavement Materials From Wasted Tiles Aggregate Materials ", 26 Oct 2014
6. Internal Examiner for PhD Candidate, Sugeng UTM, Thesis entitled "Crack Propagation Model for Flexible Road Pavement", Faculty of Civil Engineering, Universiti Teknologi Malaysia, 2006

MSc EXTERNAL EXAMINER

1. External Examiner to a Master of Science Thesis entitled "Accident Studies on Motorcyclist in Sarawak", Department of Civil Engineering, Universiti Malaysia Sarawak (UniMas), 12 December 2018
2. External Examiner to a Master of Science Thesis entitled "Evaluation on Airport Pavement Management System", Department of Civil Engineering, Universiti Malaysia Sarawak (UniMas), 6 April 2015
3. External Examiner to a Master of Science Thesis entitled "Laboratory Simulative Clogging Behaviour of Single and Two Layer Porous Asphalt", School of Civil Engineering, Universiti Sains Malaysia (USM), February 2012
4. External Examiner to a Master of Science Thesis entitled "Studies of Binder Creep, Abrasion Loss and Dynamic Stripping of Porous Asphalt", School of Civil Engineering, Universiti Sains Malaysia, April 2011
5. External Examiner to a Master of Science Thesis entitled "Highway Construction Using Dynamic Compaction and Stone Column", School of Civil Engineering, Universiti Tun Hussein Onn, September 2010
6. External Examiner to a Master of Science Thesis entitled "The Effect of Combination between Asphalt Concrete and Hot Roll Asphalt on Rutting and Fatigue Cracking Performance in Road Surfacing Structure", School of Civil Engineering, Universiti Teknologi Petronas, October 2007

MSc INTERNAL EXAMINER

1. Internal Examiner to a Master of Science Thesis entitled "Use of cup lump rubber in asphalt", Faculty of Civil Engineering, Universiti Teknologi Malaysia, 1 November 2018
2. Internal Examiner to a Master of Science Thesis entitled "Evaluation of Cracks and Disintegrations Using Close Range Digital Photogrammetry and Image Processing Technique", Faculty of Civil Engineering, Universiti Teknologi Malaysia, 2005

BOOK/ARTICLE REVIEWER

1. Reviewer for Journal of Cleaner Production (JCLEPRO2019), Use of Reacted and Activated Rubber in Ultra-thin HMA Overlay for Wet-freeze Climates, 2019
2. Reviewer for Ain Shams Engineering Journal (ASEJ) , Estimation of Zero Shear Viscosity for Iraqi Modified Asphalt Binders using Viscometer and Cross-Williamson Model, 2019
3. Reviewer for 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. Reviewer for 3 papers submitted to Construction & Building Materials (CONBUILDMAT2019):
 - Recycling waste in asphalt concrete: A review
 - Utilizing of Waste Vegetable Cooking Oil in Bitumen: Zero Tolerance Aging Approach
 - Analysis of influence factors on drainage characteristics of asphalt mixtures based on mechanical performance
5. Reviewer for 3 papers submitted to Journal: Resources Policy (JRPO2018):
 - Integrated Value Chains to Transform Mineral Wastes
 - Laboratory investigation on use of quarry waste in Open graded friction course
 - Environmental behavior of waste rocks based concrete: leaching performance assessment
6. Reviewer for Journal of Engineering Science and Technology (JESTEC), Evaluation Of Asphalt Mixtures Performance Produced Via Drum And Batch Mixing Plants, 2018
7. Reviewer for 4 papers submitted to Journal of Cleaner Production (JCLEPRO2018),
 - Experimental characterisation of cold mix asphalt made with bitumen microcapsules: a novel sustainable material for road building
 - Salt-free Deicing of Pavements by Carbon Fiber-based Electrically Conductive Concrete Heated Pavement Systems: Design and Quasi Long-term Performance
 - Application of Steel Slag Powder to Enhance the Low-temperature Fracture Properties of Asphalt Mastic and its Corresponding Mechanism
 - Preparation and Properties of Geopolymer as Warm Mix Asphalt Additives
8. Reviewer for 6 papers submitted to International Journal of Pavement Research and Technology (IJPRT2018):
 - Fatigue performance of Buton rock asphalt modified mixtures
 - Predicting Strength Behaviour of Stabilized Lateritic Soil-Ash Matrix using Regression Model for Hydraulically Bound Materials Purposes
 - Evaluation of NO₂-Degradation by the RTA Ultrafine Grained Micro-surfacing Material and Its Effect on Pavement Performance
 - Horizontal deformation resistance of paving block superstructures - influence of paving block type, laying pattern, and joint behavior
 - Horizontal deformation resistance of paving block superstructures - influence of laying pattern and joint behavior
 - Shear Properties of Waste Glass-Asphalt Mastics
9. Reviewer for Emerald Publishing paper, An overview of use of nanoadditives in enhancing the properties of pavement construction binder bitumen, 2018
10. Reviewer for Journal of Elsevier, Pervasive and Mobile Computing, 2018

11. Reviewer for Journal: Engineering (ENG2018), Highway planning and design in Qinghai-Tibet Plateau of China: a cost-safety balance perspective, 2018
12. Reviewer for Journal: Sustainable Materials and Technologies (SUSMAT2018), A Sustainable Pavement Concrete using Warm Mix Asphalt and Hydrated Lime Treated Recycled Concrete Aggregates, 2018
13. Reviewer for Journal: Automation in Construction (AUTCON2018), Unmanned rolling compaction system for rockfill materials, 2018
14. Reviewer for Journal: Pervasive and Mobile Computing (PMC2018), Asfalt: a low-cost system to evaluate pavement conditions in real-time using smartphones and machine learning, 2018
15. Reviewer for Measurement (MEAS2018), Asphalt Road Surface Vibration and Force Distribution Generated by Pickup Truck Braking, 2018
16. Reviewer for 2 manuscripts submitted to 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
 - Drainage Potential of Reservoir Course of Porous Pavement for Various Particle Size Distributions of Aggregate
17. Reviewer for 6 papers submitted to 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
 - Physical and chemical properties of asphalt binder with waste cooking oil and an antioxidant
 - Evaluation Of Mixing And Compaction Temperature Of Asphalt Binders As A Function Of Shear Rate
 - Effectiveness And Feasibility Of Binder Material For Organic Clay Of Medium Plasticity
 - Investigation of Accuracy of Pavement-ME Prediction Performance by Incorporating Level 1 Inputs
 - Experimental Evaluation of Coir Geotextile Placed over Weak Subgrade soil under wheel load condition for Low Volume Rural Roads
18. Reviewer for 37 papers submitted to Construction & Building Materials (CONBUILDMAT2018):
 - Mechanical Evaluation of Aggregate Gradation to Characterize Load Carrying Capacity and Rutting Resistance of Asphalt Mixtures
 - Storage, Fatigue And Low Temperature Characteristics Of Plasma Treated Rubberized Binders
 - Recycling of plastic wastes into pavement blocks: a significant alternative way to reducing plastic wastes generation and accumulation in Ghana
 - Mechanical performance of fibers in hot mix asphalt: a review.
 - Improvement of moisture damage resistance and permanent deformation performance of asphalt mixtures with marginal porous volcanic aggregates using crumb rubber modified bitumen

- Effects of Mixing Sequence on Mechanical Properties of Graphene Oxide and Warm Mix Additive Composite Modified Asphalt Binder
- Considerations for laboratory resilient modulus testing of unbound pavement base materials
- Performance Evaluation of New Waterborne Epoxy Resin Modified Emulsified Asphalt Micro-Surfacing
- The anti-icing and mechanical properties of a superhydrophobic coating on asphalt pavement
- Field and Laboratory Performance of a Newly Developed Inorganic Additive for Warm Mix Asphalt
- Influence of Crumb Rubber and Tack Super on Performances of SBS Modified Porous Asphalt Mixtures
- Determination of Voids in the Mineral Aggregate and Aggregate Skeleton Characteristics of Asphalt Mixtures Using a Linear-Mixture Packing Model
- Laboratory Evaluation of Crumb Rubber Modified Asphalt Mastic Reinforced with Basalt Fiber
- Performance investigation on AC-10C steel-slag asphalt mixture
- Effect of Phenolic Resin on the Performance of the Styrene-Butadiene Rubber Modified Asphalt
- Productions and Applications of Bio-asphalts - A Review
- Effects of Nano-Clay on the Fatigue Properties of Cold Recycled Asphalt
- Characteristics of Hot Mix Asphalt Containing Steel Slag Aggregate According to Temperature and Void Percentage
- Investigation of Microscopic Air Void Structure of Saline Anti-Freezing Asphalt Pavement with X-ray CT and MIP
- Study of recycled stone mastic asphalt mixtures incorporating high rates of waste materials
- Mechanical Processing of Cotton Straw Fibers and the Performance of Fiber Asphalt Mastic
- Performance evaluation of the epoxy asphalt mixture with glass aggregate
- Mechanical and Physical Performance of Asphaltic Concrete Containing Nano-charcoal Coconut Shell Ash
- Effect of Phenolic Resin on the Performance of the Styrene-Butadiene Rubber Modified Asphalt
- Evaluating the effects of epoxy resin on the moisture sensitivity of asphalt mixtures by surface free energy measurement
- Study on anti-aged durability of HMA based on inherent and improved performance
- Performance Of Stone Mastic Asphalt Mix Using Pumice And Diatomite As Fibers
- Analysis of Viscosity and Composition Properties for Crumb Rubber Modified Asphalt
- Improving the Aging Resistance of Bitumen by Addition of Polymer Based Diethylene Glycol Additive
- Performance Of Stone Mastic Asphalt Mix Using Pumice And Diatomite As Fibers
- Characterization of Pavement Micro-Surfacing Modified by Inorganic Insulating Material
- Laboratory Investigation on Chemical and Rheological Properties of Bio-Asphalt Binders Incorporating Waste Cooking Oil

- Improvement of moisture damage resistance and permanent deformation performance of asphalt mixtures with marginal porous volcanic aggregates using crumb rubber modified bitumen
 - Simulation Of Composition Of Recycled Hot-Mix Asphalt Mixture Produced In Asphalt Mixing Plant
 - A novel design toolkit to assess asphalt-rubber gap-graded mixture performance: target properties and parametric relationships
 - Properties of Polystyrene Grafted Activated Waste Rubber Powder (PS-ARP) Composite SBS Modified Asphalt
 - Utilizing Tile Waste in Asphalt Binders
19. Reviewer for Ain Shams Engineering Journal (ASEJ), 3D finite element modeling to predict the foamed sulfur asphalt marl soil mixes rutting behavior, 2018
20. Reviewer for 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
21. Reviewer for Journal: Journal of King Saud University - Engineering Sciences (JKSUES2017), Effect of High Temperature on Rutting Damage of Flexible Pavement, 2017
22. Reviewer for Journal: Resources Policy (JRPO2017), Laboratory investigation on use of quarry waste in Open graded friction course, 2017
23. Reviewer for 4 papers submitted to Journal of Cleaner Production (JCLEPRO2017):
- Preparation and Properties of Geopolymer as Warm Mix Asphalt Additives.
 - Application of Steel Slag Powder to Enhance the Low-temperature Fracture Properties of Asphalt Mastic and its Corresponding Mechanism
 - Q1, Cold Recucling of Reclaimed Asphalt Pavement Towards Improved Engineering Performance
 - A New Cold Recycling Method for Reclaimed Asphalt Pavement Towards Improved Engineering Performance
24. Reviewer for 9 papers submitted to Journal of Traffic and Transportation Engineering (English Edition) (JTTE2017):
- Experience Study on Long – life micro – surfacing with High Water – Resistance Performance.
 - Observation of Trends in the Characteristics of Stone Matrix Asphalt (SMA) by varying number of blows
 - Evaluation the Effect of Carbon Nanotube on the Rheological and Mechanical Properties of Bitumen and Asphalt Mixture (HMA)
 - Life Cycle Assessment (LCA) of Crack Sealing and Filing Treatment in Hot Mix Asphalt (HMA) Pavement
 - Q2, Life Cycle Assessment of Crack Sealing and Filling Treatment in Hot Mix Asphalt Pavement
 - Q2, Observation of Trends in the Characteristics of Stone Matrix Asphalt by Varying Number of Blows
 - Stabilized Pond Ash as a Sub-base Material in Road Construction

- Laboratory investigation on freeze-thaw resistance of eco-porous concrete containing fly ash
 - An Improved System of Skip-Lot Acceptance Sampling Plans for Highway Construction and Materials
25. Reviewer for 7 papers submitted to the 3rd International Conference of Construction and Building Materials (ICONBUILD2017):
- Readiness of Freight Transportation System at Special Economic Zone of Lhokseumawe.
 - Development of Rubberised Asphalt By Using Solid and Liquid Natural Rubber.
 - Assessing Public Transit In Sub Urban Residential Area: Case Study Within Petaling Jaya Municipal Area
 - Modelling Track Access Charge to Enhance Railway Industry Performance
 - The Advantage of Calculating Emission Reduction with local emission factors in South Sumatera Region
 - Laboratory evaluation of the performance of asphalt mixtures containing biomass fillers
 - Utilization of tar sand derived asphaltene for synthesis of Asphaltene-Styrene Polymer Composite and its Application as Bitumen Modifier
26. Reviewer for 2 papers submitted to Journal of Construction and Building Materials 2017:
- Q1, Early-Age Performance Characterization of Hot Mix Asphalt Overlay with Varying Amounts of Asphalt Binder Replacement
 - Q1, Study the Effect of Foaming Water on the Rheological Properties of Foamed Warm Asphalt Using DSR
 - Q1, Effect of Crumb Rubber Production Technology on Performance of Modified Bitumen
 - Q1, Improving the Aging Resistance of Bitumen by Addition of Polymer Based Diethylene Glycol Additive
 - Q1 Early-Age Performance Characterization of Hot-Mix Asphalt Overlay with Varying Amounts of Asphalt Binder Replacement
27. Reviewer for Jurnal Teknologi, WOS, The Use of Mixed Waste Recycled Plastic and Glass as an Aggregate, 2017
28. Reviewer for Journal of Transportation Geotechnics (TRGEO2017), ELSEVIER, Technical and Environmental Evaluation of Metallurgical Slags as Aggregate for Sustainable Pavement Layer Applications 2017
29. Reviewer for 13 papers submitted to the Construction & Building Materials (CONBUILDMAT) 2017:
- Characterization of the Physical and Rheological Properties of Asphalt.
 - Effect of Crumb Rubber Production Technology on Performance of Modified Bitumen.
 - Experimental Investigation of the Relationship between Mineral Content and Aggregate Morphological Characteristics Using the Improved FTI system and XRD Method.
 - Effect of Lignin on Mechanical and Dynamical Properties of Asphalt Mixtures with Topeka Gradation
 - Optimization in Producing Warm Mix Asphalt with Polymer Modified Binder and Surfactant-Wax Additive
 - The Performance of Epoxidised Natural Rubber Modified Asphalt Using Nano-Alumina as Additive

- Early-Age Performance Characterization of Hot-Mix Asphalt Overlay with Varying Amounts of Asphalt Binder Replacement
 - Laboratory Investigation on Chemical and Rheological Properties of Waste Cooking Oil Based Bio-Asphalt Binders
 - Analysis of Viscosity and Composition Properties for Rubber Asphalt
 - Improving the Aging Resistance of Bitumen by Addition of Polymer Based Diethylene Glycol Additive
 - Utilization of Tar Sand Derived Asphaltene for Synthesis of Asphaltene-Styrene Polymer Composite and its Application as Bitumen Modifier
 - Study the effect of Foaming Water on the Rheological Properties of Foamed Warm Asphalt Using the DSR
 - Experimental Investigation of the Relationship Between Mineral Content and Aggregate Morphological Characteristics Using the Improved FTI System and XRD Method
30. Reviewer for Journal of Hydrology, Investigation Clogging Dynamic of Permeable Pavement Systems Using Embedded Sensors, 2017
31. Reviewer for Journal of Resources Policy, Laboratory Investigation on Use of Quarry Waste in Open Graded Friction Course, 2017
32. Reviewer for 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
33. Reviewer for 5 paper submitted to Journal of Advances in Materials Science and Engineering 2017:
- Studying Engineering Characteristics of Asphalt Binder and Mixture Modified by Nanosilica and Estimating their Correlations
 - Laboratory Evaluation of Flexibility in the Reinforced Micro-surfacing modified Asphalt by hybrid Nano-materials and Fibers
 - Comparative Performance Characteristics Warm Mix Asphalt Modified by Nanosilica
 - Linking the Effect of Aggregate Interaction to the Compaction Theory for Asphalt Mixtures Using Image Processing
 - Laboratory Study on Properties of Diatomite and Basalt Fiber Compound Modified Asphalt Mastic
34. Reviewer for Ingenieria e Investigacion, Bitumen Modified with Rcyclcd Polyurethane Foam for Employment in Hot Mix Asphalt, 2017
35. Reviewer for International Journal for Pavement Research and Technology 2015, New concept for the design of flexible pavement at critical highway sections.
36. Reviewer for 3 papers of Conference Aicce, Published in Advance Material Research, 2015
37. Reviewer for 2 papers of Conference ICPT, Published in Int.m Journal for Pavement Research and Technology 2015:
- Relationships Between Particle Size Factors in Aggregate Gradations and the Performance of Open-Graded Mixtures,

- Effects of Aging on Water Sensitivity of Asphalt Mixtures Using Image Analysis Technique
38. Reviewer for Journal of Construction and Building Material, Q1 (2015):
- The Effect of Bitumen Emulsion and Portland Cement on Stabilised Roadbase
 - Characterization of the rate of Change of Rheological Properties of Nano Modified Asphalt
 - Rheological Characteristics of Unaged and Aged Epoxidised Natural Rubber Modified Asphalt
39. Reviewer of 2 Books for Book Publication Award for 2015 UTM Citra Karisma
40. Reviewer for Journal TRANSPORT, Low temperature creep properties for fiber asphalt mixtures, 2014
41. Reviewer for 2 papers submitted to Jurnal Teknologi – Special Edition (Highway and Transportation Engineering 2014)
- Effect of Aggregate Shape on The Properties of Asphaltic Concrete AC14
 - Influences of Crumb Rubber Sizes on Hot Mix Asphalt Mixture
42. Reviewer for 2 papers submitted to Jurnal Teknologi – Special Edition (Sustainability Issues in Transportation Engineering. Nov 2013)
- Truck and Cargo Drivers' Fatigue Related Accident in Bangladesh
 - Perception of Taxi Services in Oman
43. Reviewer for Journal of Structural Engineering and Mechanics, Dynamic behavior of crumb rubber concrete subjected to repeated impact, 2013
44. Reviewer for Best Book for 2013 UTM Academic Award
45. Reviewer for the REAAA2013, 8 Papers
- Asphalt Binder Penetration And Viscosity Analysis Using Microwave Permittivity And Dielectric Constant
 - Current Condition Evaluation And Repair Of Composite Pavement With Continuous Reinforced Concrete Base
 - Discussion About Technical Problems On Producing WMA At Existing Plants
 - Performance Of Warm Mix Asphalt Using A New Premix Type Additives
 - The Proven 'Floating' Semi-Rigid Pavement - A Green, Sustainable And Cost Effective Solution For Roads In South East Asia
 - Adoption Of Paving Mixture Made Using Scallop Shells
 - Studies On Reduction Of Flexible Pavement Thickness By Use Of Polymer Modified Binder
 - The Dawning Of A New Era Of Pavement Design
46. Reviewer for 3 papers of International Conference on Pavement Technology (ICPT2013)
- Presenting maintenance budget allocation model for rural roads
 - Economical Assessment of WIM systems in Pavement design
 - Quantifying the quality of highway construction and M&R practices using ECC&ASL

47. Reviewer for Jurnal Teknologi UTM, Review of Percent Time Spent Following (PTSF) as Performance Measure for Two-Lane Highway, 2013
48. Reviewer for Journal of Transportation Engineering, ASCE, February 2012, Numerical Analysis of Fatigue Behavior of Asphalt Pavements.
49. Reviewer for the following papers for the 7th Asia Pacific Conference on Transportation and the Environment (APTE), Songkhla, Thailand, 6-8 June 2012
 - A Study on Cyclic Triaxial Test Method for Coarse Granular Materials
 - An Innovative Approach for Continuous measurement of cemented sand stiffness immediately after layer compaction
 - Surface Free Energy Components of Aggregates from Contact Angle Measurements Using Sessile Drop Method
 - Role of Resilient Modulus Constitutive Models on Response of Pavements
50. Reviewer for Sains Malaysiana Journal, November 2012, Effects of Geometrically Cubical Shaped Aggregate on the Properties of Porous Asphalt.
51. Reviewer for 3 papers submitted to National Postgraduate Conference- Universiti Teknologi Petronas UTP 2011:
 - New Design Method for Best Aggregate Packing.
 - The Application Of Modern Analytical Technique To Rheology And Morphology Of Polymer Modified Bitumen
 - Public Bus Passenger Demographic and Travel Characteristics
52. Reviewer for 2 papers submitted to Maejo International Journal of Science and Technology (MIJST) 2011:
 - Optimization of geometrically cubical coarse aggregates in asphalt mixes using response surface methodology.
 - The Effects of Break Point Locations and Nominal Maximum Aggregate Size on Porous Asphalt Properties
53. Reviewer for the following papers for the 7th International Conference on Pavement Technology (ICPT), Bangkok, Thailand, 3 – 6 August 2011
 - Predicting The Bulk Specific Gravity of Asphalt Mixture Based on Different Aggregate Gradations and Bitumen Contents
 - A Wholistic Approach to Testing and Evaluating Hot Mix Asphalt Mixtures
 - Laboratory Evaluation of Aggregate Gradation Type on the Rutting
54. Reviewer for Journal of Research and Reviews of Applied Sciences 2011, Properties of Geometrically Cubical Aggregates and its Mixture Design
55. Reviewer for 6 papers submitted to the 11th International Conference on Asphalt Pavements, Nagoya, Japan 1 – 6 August 2010
 - Evaluation and Further Development of Porous Asphalt Pavement with 10 Years Experience in Japanese Expressways

- HMA Related Research Activities for Airfield Pavements at the Federal Aviation Administration
 - Optimization of the Aggregate Packing for the Design of High Performance Self Blocking Asphalts
 - Study on Internal Structure Distribution of HMA Under Different Compaction Based on Digital Image Process
 - 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
 - Comparison Between Fatigue Performance of Foam Stabilized, Dense and Open Graded Asphalt Mixes.
56. Reviewer for Journal of Transportation Engineering, ASCE, January 2009, Retroreflectivity Performance of 90 mil Thermoplastic Longitudinal Pavement Markings
57. Reviewer for 2 papers submitted to Journal of Association of Asphalt Paving Technologist (AAPT), USA, October 2009:
- Mechanistic Design of Silent Asphalt Mix and its Validation
 - Research on the Application of Recycled PolyEthylene in High Modulus Asphalt Mix
58. Reviewer for the following papers for the International Seminar in Geotechnic and Highway Engineering (GEOTROPIKA 2008), Kuala Lumpur 25-26 May 2008
- Permanent Deformation Evaluation of Modified Waste Plastic Bitumen in Asphalt Concrete Using Fundamental and Simulative Methods
 - Visual Evaluation of Treated Pavement Materials by Scanning Electron Microscopy
 - Construction Development Process for Tsunami Road Project
 - Multivariate Regression Model Between Land Uses and Road Density
 - Research into Sustainable Asphalt Surfacing Mixes in the United Kingdom
 - Asphalt Technology in the Netherlands-Some Lessons for the Malaysian Asphalt Industry
 - Utilization of Petroleum-Contaminated Soils in Road Bases and Subbases
 - Strengthening of Unpaved Roads on Soft Subgrades Using Coir Geotextiles
 - Stress Relaxation Behavior of Asphalt Emulsion Residue
 - The Effect of Block Thickness and Laying Pattern on the Performance of Concrete Block Pavement
 - Determination of Periodic Pavement Rehabilitation Treatment Using Pavement Condition Assessment (PCA)
 - Extent of Pavement Disintegration Associated with Low Cost Road Failure
 - The Effect of Rainfall on Asphalt Surfacing Materials
 - Finite Element Analysis of Residual Strain Accumulation in Flexible Pavement
 - Influence of Crude Source on the Viscous Properties of Blended Asphalt
59. Reviewer for a journal article entitled “Kajian dan Analisis Kemalangan Jalanraya” (Road Accident Investigation and Analysis) for Jurnal Teknologi, Universiti Teknologi Malaysia, June 2008
60. Reviewer for the following papers for the 6th International Conference in Airport and Road Pavement Technology, Sapporo, Japan 20-23 July 2008
- Laboratory Investigation of Possibility of Recycling Asphalt Concrete
 - Development of Rut Predicting Theory For Asphalt Mix Design

- The Development of a System to measure the Strain on the Surface of the Pavement Caused by the Movement of Tires
 - Study on the Quiet Pavement With SMA Include Coarse Crumb Rubber
 - A Study on the Estimation of Relative Compaction of the Subgrade Using a Portable FWD
 - Experimental Evaluation of Pavement Performance: Korea Expressway Corporation (KEC) Test Road
 - Evaluation of Concrete Mix for Slab Replacement Using Maturity Method and Heavy Vehicle Simulator
 - 10 Year History of Guss Asphalt Pavement Technology in Korea
61. Panel assessor for e-science research proposal entitled “Acoustic Absorption Characteristics of Crumb Rubber Tyres/Plastic Porous Concrete”, August 2008
62. Panel assessor for e-science research proposal entitled “Remediation of Contaminated Soil Using Electrokinetics Process”, August 2008
63. Internal assessor for a journal article entitled “Automated Pavement Imaging Program (APIP) for Pavement Cracks Classification and Quantification” for Malaysian Journal of Civil Engineering, Universiti Teknologi Malaysia, 2007
64. External assessor for a journal article entitled “Minyak Silinder Terpakai Sebagai Bahan Pengubahsuai Bagi Konkrit Asphalt Campuran Sejuk” (Used Cylinder Oil as Modifier for Cold Asphaltic Concrete Mix) for Universiti Kebangsaan Malaysia Engineering Journal, February 2006
65. Reviewer for the following papers for the 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
 - Application of the Second Generation Wavelet Transform for Pavement Preventive Maintenance
 - Influence of Coarse Aggregate on the Strength of Asphalt Concrete