

CURRICULUM VITAE



A. PERSONAL DETAILS

Name : EEYDZAH BINTI AMINUDIN
Gender : FEMALE
Nationality : MALAYSIAN
Tel : 017-7138111
E-mail : eeydzah@uitm.edu.my
Expertise : Sustainable Construction Materials & Tools, Digital Construction
(Blockchain, Digital Twin, Robotics, Artificial Intelligent), Building Information Modelling.
H-Index (WOS) : 10 (Web of Science Researcher : F9900-2011)
H-Index (SCOPUS) : 10 (Scopus Author ID: 57189384142)
H-Index (G. Scholar) : 15(<https://scholar.google.com/citations?user=QUqr8fEAAAAJ&hl=en>)
H-Index (RG)) : 13
Current Position : Associate Professor



<https://scholar.google.com/citations?hl=en&user=QUqr8fEAAAAJ>



<https://www.researchgate.net/profile/Eeydzah-Aminudin>



Scopus

<https://www.scopus.com/authid/detail.uri?authorId=57189384142>



<https://expert.uitm.edu.my/profile.php?id=PJwBF6ccMHH7JOT9TCFx2IVqXuj45rUUvrf+rvT0RVs=>



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and Researchers

<https://orcid.org/0000-0003-2622-0223>

B. ACADEMIC QUALIFICATIONS

| NO | LEVEL OF EDUCATION | COURSE | UNIVERSITY | STARTING DATE | ENDING DATE |
|----|----------------------|-------------------|-------------------------------|---------------|-------------|
| 1 | Bachelor Degree | Civil Engineering | Universiti Teknologi Malaysia | 2006 | 2010 |
| 2 | Doctor of Philosophy | Civil Engineering | Universiti Teknologi Malaysia | 2010 | 2015 |

C. AWARD AND HONORS RECEIVED

| NO | AWARD | LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL) | YEAR |
|-----|---|--|------|
| 1. | Industrial Art and Technology Exhibition (INATEX 2021) - Bronze | NATIONAL | 2021 |
| 2. | Malaysia Technology Expo (MTE) 2021 - Silver | NATIONAL | 2021 |
| 3. | INATEX 2020 - Silver | NATIONAL | 2020 |
| 4. | Malaysia Technology Expo (MTE) 2019 - Silver | NATIONAL | 2019 |
| 5. | INATEX 2019 - Silver | NATIONAL | 2019 |
| 6. | 10th Malaysia Road Conference (MRC)2018 - Silver | NATIONAL | 2018 |
| 7. | Seoul International Invention Fair (SSIF 2013) - Gold | INTERNATIONAL | 2013 |
| 8. | Malaysia Technology Expo (MTE 2013) - Bronze | NATIONAL | 2013 |
| 9. | 14th Industrial Art and Technology Exhibition (INATEX 2012) - Bronze | NATIONAL | 2012 |
| 10. | International Invention, Innovation & Technology Exhibition, ITEX 2012 - Silver | NATIONAL | 2012 |
| 11. | Greentech House Competition 2012 - Gold | NATIONAL | 2012 |
| 12. | 13th Industrial Art and Technology Exhibition (INATEX 2011) - Bronze | NATIONAL | 2011 |

D. PROFESSIONAL MEMBERSHIP / QUALIFICATIONS

| NO | NAME OF PROFESIONAL MEMBERSHIP | LEVEL (FACULTY /NATIONAL /INTERNATIONAL) | ROLE | YEAR |
|----|--|---|------------------|-----------|
| 1. | CIS (Construction Industry Standard) Expert Review | CIS 8,9,11, 12, 13 &, 29 | COMMITTEE MEMBER | 2020-2023 |
| 2. | Trainer for Building Information Modelling (BIM) | NATIONAL | COMMITTEE MEMBER | 2019 |
| 3. | Asean Energy Management System AEMAS 2017 | NATIONAL | COMMITTEE MEMBER | 2017 |
| 4. | MyCREST Construction Industry Development Board | NATIONAL | COMMITTEE MEMBER | 2017 |
| 5. | SIRIM BERHAD | NATIONAL | COMMITTEE MEMBER | 2017 |
| 6. | Board of Engineering Malaysia (BEM) | NATIONAL | COMMITTEE MEMBER | 2016 |
| 7. | Concrete Society Malaysia (CSM) | NATIONAL | COMMITTEE MEMBER | 2016 |
| 8. | Train the Trainer (HRDF) | NATIONAL | COMMITTEE MEMBER | 2016 |

E. ADMINISTRATIVE EXPERIENCE

| NO | POSITION | STARTING DATE | ENDING DATE | DEPARTMENT |
|----|---|---------------|-------------|--|
| 1. | Research Fellow | 2020 | Current | UTM Construction Research Centre (CRC) |
| 2. | Associate Member of Research Group GreenPROMPT | 2016 | 2023 | UTM |
| 3. | Coordinator for Master in Construction Management | 2018 | 2019 | UTM |
| 4. | Coordinator for Master in Project Management | 2021 | 2023 | UTM |

F. WORKING EXPERIENCE

| NO | POSITION | STARTING DATE | ENDING DATE | DEPARTMENT/ORGANISATION |
|----|-----------------|---------------|-------------|---|
| 1. | Assoc Prof | 2023 | Current | College of Engineering, School of Civil Engineering, UiTM |
| 2. | Senior Lecturer | 2016 | 2023 | School of Civil Engineering, UTM |
| 3. | Senior Lecturer | 2015 | 2016 | UTHM |
| 4. | Engineer | 2014 | 2014 | Lee & Ooi Perunding |

G. CONSULTANCY EXPERIENCE

| NO | NAME OF CONSULTANCY | ROLE | AMOUNT (RM) | STARTING DATE | ENDING DATE | VOTE NO |
|----|---|----------------|--------------|---------------|-------------|---------|
| 1. | PENYELIDIKAN DAN PEMBANGUNAN VIDEO SERTA BAHAN E-PEMBELAJARAN BAGI KURSUS FASILITATOR MyCREST | PROJECT LEADER | RM100,000.00 | 30/03/2021 | 31/12/2021 | 4B693 |
| 2. | STRATEGIC PLAN ON INDUSTRIAL REVOLUTION 4.0 (IR4.0) FOR MALAYSIAN CONSTRUCTION INDUSTRY | PROJECT LEADER | RM70,000.00 | 2019 | 2020 | 07121 |
| 3. | ACTION PLAN ON INDUSTRIAL REVOLUTION 4.0 (IR4.0) FOR MALAYSIAN CONSTRUCTION INDUSTRY | PROJECT LEADER | RM35,000.00 | 2021 | 2022 | |
| 4. | REVISION FOR CIS 7,8,9,11 & 12 FOR CIDB | PROJECT LEADER | RM42,900.00 | 2021 | 2021 | |

H. FACULTY APPOINTMENT COMMITTEE

| NO | NAME OF COMMITTEE | ROLE | STARTING DATE | ENDING DATE |
|----|---|---------------------|---------------|-------------|
| 1. | Pelantikan Sebagai Penceramah Program Ska Shine Meeting & Sharing Session Siri 7/2020 | Speaker | 2020 | 2020 |
| 2. | Invitation as Online Input Lecture's Speaker for MBES2159 & MBES2089 (Design Thesis & Pre-Thesis Studio) Master In Architecture, Offshore Programme | Speaker | 2020 | 2020 |
| 3. | Technical Committee for Float Glass (MS 1135) | Technical Committee | 2019 | 2019 |

I. NATIONAL APPOINTMENT COMMITTEE

| NO | NAME OF COMMITTEE | ROLE | STARTING DATE | ENDING DATE |
|----|---|------------------|---------------|-------------|
| 1. | Kajian Tahap Keberkesanan Pelaksanaan Building Information Modelling (BIM) Bagi Projek Pembinaan Bernilai Ringgit Malaysia 10 Juta Dan Ke Atas-Lantikan Sebagai Ahli Panel Teknikal | PANEL | 2021 | 2022 |
| 2. | Jawatankuasa Teknologi, Pendigitalan Dan Inovasi Sektor Pembinaan (JTPIP) Kementerian Kerja Raya- Jawatankuasa Technical Working Group 1 | TECHNICAL MEMBER | 2021 | 2022 |

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|----|--|----|--------|-----------|---------------|-----------|-------|
| 1. | Revision On Six of The Construction Industrial Standard (CIS) Related To Industrialised Building System (IBS) | PL | OTHERS | RM42,900 | MAC 2021 | SEPT 2021 | 07121 |
| 2. | Penyelidikan dan Pembangunan Video serta Bahan E-Pembelajaran Bagi Kursus Fasilitator MyCREST | PL | OTHERS | RM100,000 | MAC 2021 | NOV2021 | 4B693 |
| 3. | Adoption Of Readiness Factors For Construction Company Towards 4th Industrial Revolution | PL | UTM | RM59300 | SEPT2020 | OKT 2022 | 5F391 |
| 4. | CRG 3.1 : To Identify And Determine Rural Road Criteria And Sub-Criteria Based On Intensive Literature Study Of Myghi/ Other World Green Highway/Road Initiatives (UTM). | PL | UTM | RM40000 | JAN 2019 | JUN 2021 | 07G92 |
| 5. | UTM-TDR 47.2 (T1): Waste Materials As Housing Finishes With Thermal Insulation Performance | PL | UTM | RM80,000 | DEC 2018 | MAY 2021 | 06G64 |
| 6. | Carbon Footprint Calculator for Malaysian Green Highway Index (Construction and Green Highway Initiatives) | PL | OTHERS | RM70000 | DECEMBER 2017 | SEPT 2020 | 4B326 |

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|-----|--|--------|--------|-----------|----------|-----------|-------|
| 7. | National Strategy Plan for Industry Revolution 4.0. | PL | OTHERS | | | | 3B000 |
| 8. | Modelling Carbon Emission Baseline on Building Intensity for Highway Rest and Service Areas (RSAs) | PL | OTHERS | RM 12203 | APR 2018 | MAC 2020 | 4B367 |
| 9. | A Framework Development Augmented Reality (AR) Building Maintenance Using Building Information Modelling (BIM) | PL | UTM | RM50 000 | FEB 2018 | JAN 2020 | 19H53 |
| 10. | Development, Execution And Evaluation Of National Eco Construction Competition 2017 | PL | OTHERS | RM1500 00 | FEB 2017 | DEC 2018 | 4B291 |
| 11. | Cool Concrete As Thermal Repellent For Mitigating The Heat Island Effect | PL | UTM | RM2000 0 | OCT 2016 | DEC 2017 | 12J53 |
| 12. | Penjanaan Potensi Kendiri Pelajar Mount Safa International School " Sultans of Science 2017" | PL | UTM | RM2250 | JUL 2017 | SEPT 2017 | 4X290 |
| 13. | Web-Based Automation Of Green Building Rating Index And Life Cycle Cost Analysis | MEMBER | OTHERS | | | | 4L685 |
| 14. | Cement-free Application from Agro-Industry Waste Material | MEMBER | | RM 18,900 | SEP 2012 | AUG 2013 | 4B041 |
| 15. | Cement Free Application in Construction | MEMBER | | RM 37,600 | SEP2012 | OCT 2013 | |

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|-----|---|--------|--|--|--|--|-------|
| | Materials as a Cooling Agent for Building | | | | | | |
| 16. | Thermal Behavior of Eco-Aerated Concrete from Agro- Industrial Waste as Innovative Cool Building Wall Components | MEMBER | | | | | |
| 17. | Project on promotion of energy saving equipment and environmentally sound management of used fluorocarbons in Indonesia, Thailand, Malaysia and Vietnam | MEMBER | | | | | 4B312 |
| 18. | Urban Heat Island Effect: Thermal Response of Conventional and Modified Asphalt Pavements | MEMBER | | | | | 19H82 |
| 19. | Characterization of A Pineapple Plant Ash As A Cement Replacement Material In Concrete | MEMBER | | | | | 4F939 |

K. COLLABORATION / MOU

| NO | NAME OF MOU | LEVEL OF MOU (NATIONAL/INTERNATIONAL) |
|----|--|--|
| 1. | MoU in between Universiti Technology Malaysia and Manchester Metropolitan University | INTERNATIONAL |

| | | |
|----|--|----------|
| 2. | MoA in between Universiti Pertahanan National Malaysia (UPNM), Universiti Teknologi Mara (UiTM), Jabatan Kerja Raya (JKR) and Univeristi Teknologi Malaysia for Collaboration Research Grant 2019 | NATIONAL |
| 3. | MoA in between Malaysia Highway Authority and Univeristi Teknologi Malaysia for Cost Benefit Analysis for Malaysian Green Highway Index | NATIONAL |
| 4. | MoA in between Construction Research Institute of Malaysia (CREAM) and Univeristi Teknologi Malaysia for Development, Execution And Evaluation Of National Eco-Construction Competition 2017 | NATIONAL |
| 5. | MoA in between Malaysia Highway Authority and Univeristi Teknologi Malaysia for Carbon Footprint Calculator for Malaysian Green Highway Index | NATIONAL |

L. TEACHING ACTIVITIES

| Undergraduate/ Postgraduate | Code | Course | Semester | Credit |
|--------------------------------|----------|-----------------------------------|--------------------|-------------|
| Undergraduate | SKAA4143 | Construction Plants And Equipment | 2015/2016 Sem 2 | 3 Credit |
| Undergraduate | SKAA4143 | Construction Plants And Equipment | 2016/2017 Sem 1 | 3 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2016/2017 Sem 1 | 3 Credit |
| Undergraduate | SKAA2012 | Civil Engineering Laboratory 1 | 2016/2017 Sem 1 | 2 Credit |
| Undergraduate | SKAA3012 | Civil Engineering Laboratory 2 | 2016/2017 Sem 1 | 2 Credit |
| Postgraduate | MKAM1013 | Construction Project Management | 2016/2017 Sem 2 | 3 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2016/2017 Sem 2 | 3 Credit |
| Postgraduate | MKAM1123 | Construction Plants Management | 2016/2017 Sem 2 | 3 Credit |

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|---------------------------|----------|---|--------------------|-------------|
| Undergraduate | SKAA3031 | Integrated Design Project 2 | 2016/2017 Sem 2 | 3 Credit |
| Undergraduate | SKAA4143 | Construction Plants And Equipment | 2016/2017 Sem 2 | 3 Credit |
| Undergraduate | SKAA4143 | Construction Plants And Equipment | 2017/2018 Sem 1 | 3 Credit |
| Undergraduate | SKAA3122 | Construction Technology And Estimating | 2017/2018 Sem 1 | 2 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2017/2018 Sem 1 | 3 Credit |
| Postgraduate | EKAB2123 | Construction Plants Management | 2017/2018 Sem 2 | 3 Credit |
| Postgraduate | MKAM1123 | Construction Plants Management | 2017/2018 Sem 2 | 3 Credit |
| Undergraduate | SKAA3031 | Integrated Design Project 2 | 2017/2018 Sem 2 | 3 Credit |
| Undergraduate | SKAA4143 | Construction Plants And Equipment | 2017/2018 Sem 2 | 3 Credit |
| Undergraduate | SKAA3122 | Construction Technology And Estimating | 2017/2018 Sem 2 | 2 Credit |
| Undergraduate | SKAA3122 | Construction Technology And Estimating | 2018/2019 Sem 1 | 3 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2018/2019 Sem 1 | 3 Credit |
| Undergraduate | SKAU4112 | Contract And Estimating Procedures | 2018/2019 Sem 1 | 2 Credit |
| Postgraduate | MKAM1123 | Construction Plants Management | 2018/2019 Sem 1 | 3 Credit |
| Undergraduate | SKAB2012 | Civil Engineering Laboratory 1 | 2018/2019 Sem 1 | 2 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2018/2019 Sem 2 | 3 Credit |
| Undergraduate | SKAA3122 | Construction Technology And Estimating | 2018/2019 Sem 2 | 2 Credit |
| Postgraduate | MKAM1123 | Construction Plants Management | 2018/2019 Sem 2 | 3 Credit |
| Undergraduate | SKAA3031 | Integrated Design Project 2 | 2018/2019 Sem 2 | 3 Credit |
| Undergraduate | SKAU4112 | Contract And Estimating Procedures | 2018/2019 Sem 2 | 2 Credit |
| Undergraduate | UHAK1012 | Graduate Success Attributes | 2019/2020 Sem 1 | 2 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2019/2020 Sem 1 | 3 Credit |
| Undergraduate | SKAA3122 | Construction Technology And Estimating | 2019/2020 Sem 1 | 2 Credit |
| Postgraduate | MKAM1073 | Project Estimating | 2019/2020 Sem 2 | 3 Credit |
| Undergraduate | SKAA3031 | Integrated Design Project 2 | 2019/2020 Sem 2 | 2 Credit |
| Postgraduate | MKAM1123 | Construction Plants Management | 2019/2020 Sem 2 | 3 Credit |
| Total Credit Hours | | | | |

M. SUPERVISION

PHD STUDENTS

Main Supervisor

| No | Name | Status (Graduated/Ongoing) | Title |
|-----|----------------------------------|-------------------------------|--|
| 1. | Loh Seng Yap | Ongoing | SAFETY IN BIM |
| 2. | Mak Tuck Kiong | Ongoing | DEVELOPMENT OF INDUSTRY REVOLUTION (IR) FOR MALAYSIAN CONSTRUCTION |
| 3. | Dg Normaswanna Binti Tawasil | Ongoing | FIBRE-PARTICLEBOARDS FROM SAWDUST AND COCONUT FIBRE AS A THERMAL INSULATION MATERIAL |
| 4. | Abdallah Mohammed Omar Amsiak | Ongoing | DEVELOPMENT OF SAFETY MANAGEMENT ASSESSMENT TOOLS FOR LIBYA |
| 5. | Husam Tahseen Mansour Mansour | Graduated | MULTI-CRITERIA DECISION-MAKING PROTOTYPE FOR THE 4TH CONSTRUCTION REVOLUTION IMPLEMENTATION READINESS USING INTELLECTUAL CAPITAL PERSPECTIVE |
| 6. | Santi Edra Nisa Binti Lau | Ongoing | DEVELOPMENT OF THE FOURTH CONSTRUCTION INDUSTRY REVOLUTION READINESS ASSESSMEN |
| 7. | IBRAHIM S O ISSA | Ongoing | MODELLING THE IMPACT OF DIFFERENT PORJECT DELIVERY SYSTEM ON CRITICAL SUCCESS FACTORS FOR MALAYSIA CONSTRUCTION PROJECTS |
| 8. | SARIFAH SALWA BINTI SAPANI | Ongoing | BUILDING INFORMATION MODELING LEVEL IN IMPLEMENTATION OF CONSTRUCTION 4.0 |
| 9. | LIAO CHENYA | Ongoing | DESICION SUPPORT SYSTEM ON INTELLIGENT RISK MANAGEMENT |
| 10. | MONH NEARDEY | Ongoing | DIGITAL TWIN MODEL FOR ENERGY EFFICIENT SMART BUILDING TOWARDS NET ZERO ENERGY CAMPUS |
| 11. | ZELMI SRIYOLJA | Ongoing | KERANGKA KERJA UNTUK IMPLEMENTASI BUILDING INFORMATION MODELLING DI KONSULTAN KONSTRUKSI INDONESIA |

PhD Co Supervisor

| No | Name | Status (Graduated/Ongoing) | Title |
|----|----------------------------|----------------------------|--|
| 1. | Abdul Hadi Bin Ahamad | Ongoing | |
| 2. | Amir Al-Hamdi Bin Redzuan | Ongoing | |
| 3. | Jeffryl Azniel Bin Adzar | Ongoing | |
| 4. | Salam Ridha Oleiwi Al-Etba | Graduated | |
| 6. | OMAR SEDEEQ YOUSIF | | MYGHI SCORE AND CARBON DASHBOARD OF MALAYSIA GREEN HIGHWAY |

MASTER STUDENTS

Master by Research (Main Supervisor)

| No | Name | Status (Graduated/Ongoing) | Title | Date |
|----|---|----------------------------|-------|-------------|
| 1. | Christine Nerisha Anak Stephen Liat | Ongoing | | |
| 2. | Abdul Karim Bin Ibrahim | Ongoing | | |
| 3. | Che Muhammad Fatih Hafifi Bin Che Wahid | Graduated | | 28 Apr 2021 |
| 4. | Monh Neardey | Graduated | | 30 Jun 2021 |

Master by Research (Co Supervisor)

| No | Name | Status (Graduated/Ongoing) | Title | Date |
|----|---------------------------------|----------------------------|-------|-------------|
| 1. | Muhammad Rozaid Bin Ramli | Graduated | | 18 Dec 2019 |

Master by TaughtCourse (Main Supervisor)

| No | Name | Status (Graduated/Ongoing) | Title | Date |
|-----|---|----------------------------|-------|-------------|
| 1. | THAI KIM SING | | | |
| 2. | Kamarol Amri Bin Saidi | Graduated | | 20 Feb 2020 |
| 3. | Ibrahim Mohammed Younis | Graduated | | 20 Feb 2020 |
| 4. | Alhamza Yassin Flaih Maeni | Graduated | | 20 Feb 2020 |
| 5. | Shaharul Bin Abu Hasan Alshaari | Graduated | | 20 Feb 2020 |
| 6. | Jeyasri A/P Packirysamy | Graduated | | 20 Feb 2020 |
| 7. | Noraziah Binti Hamid | Graduated | | 20 Feb 2020 |
| 8. | Jenny Wong Siaw Yien | Graduated | | 23 Jul 2019 |
| 9. | Liew Jia Ming | Graduated | | 23 Jul 2019 |
| 10. | Amirruddin Bin Abdul Kadir | Graduated | | 23 Jul 2019 |
| 11. | Mak Tuck Kiong | Graduated | | 23 Jul 2019 |
| 12. | Abdallahman Mohamed Abdelraouf Mohamed Elshafey | Graduated | | 25 Jul 2018 |
| 13. | Abdul Rahman Usmani | Graduated | | 14 Feb 2018 |
| 14. | Nur Hazliyana Binti Abdul Mutalib | Graduated | | 14 Feb 2018 |
| 15. | Nurul Alia Binti Saad | Graduated | | 14 Feb 2018 |
| 16. | Maslina Binti Mohamad | Graduated | | 14 Feb 2018 |

| No | Name | Status (Graduated/Ongoing) | Title | Date |
|-----|--|----------------------------|-------|-------------|
| 17. | Abdullahi Abdi Nunow | | | |
| 18. | Abdihamid Mohamed Jamac | | | |
| 19. | Mohamad Hafizuddin Syafiq Bin Abd Rashid | Graduated | | 25 Jul 2018 |
| 20. | Md. Kamruzzaman | | | |
| 21. | Nur Shahirah Nadhilah Binti Wahab | Graduated | | 25 Jul 2018 |
| 22. | Loh Seng Yap | Graduated | | 30 Jan 2019 |
| 23. | Yong Hua Song | Graduated | | 30 Jan 2019 |
| 24. | Peter Shut Gyang | Graduated | | 26 Aug 2020 |
| 25. | Xiong Yaoli | Graduated | | 26 Aug 2020 |

N. PUBLICATIONS

1. Development Of Operation and Maintenance Sustainability Index for Penarafan Hijau Jabatan Kerja Raya (PhJKR) Green Road Rating System (IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING) Publication in Scopus CO-AUTHOR, 2019
2. Thermal Performance of Waste Materials as Aggregate Replacement in Asphalt Pavement. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Scopus CO-AUTHOR, 2019
3. Factor Analysis on Variables Effecting Energy Consumption for Retrofitting Initiative At Highway Rest And Service Areas Malaysia. ACM INTERNATIONAL CONFERENCE PROCEEDING SERIES. Publication In Scopus CO-AUTHOR, 2019
4. Carbon Footprint Calculator for Malaysia Green Highway Index. PROCEEDINGS OF THE 8TH INTERNATIONAL CONFERENCE ON INFORMATICS, ENVIRONMENT, ENERGY AND APPLICATIONS. Publication In Scopus UTM FIRST AUTHOR, 2019
5. Thermal Insulation Properties of Organic and Inorganic Material In Clay Brick - A Review. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Scopus CO-AUTHOR, 2019.
6. Identification Of Roadmap of Fourth Construction Industrial Revolution. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In Scopus CORRESPONDING AUTHOR, 2019.
7. A Method of Identifying Critical Road Segment: A Case Study Of Peninsular Malaysia Road Network. REGIONAL CONFERENCE ON NATURAL DISASTER 2019. Conference Paper CO-AUTHOR, 2019.
8. A Review: Adaptation of Escape Route For A Framework Of Road Disaster Resilient. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In Scopus CORRESPONDING AUTHOR, 2019.
9. Review On the Method for Carbon Footprint Calculation of Highway Development. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In Scopus. CORRESPONDING AUTHOR, 2019.
10. The Influence of Oil Palm Empty Fruit Bunch Fibre Geometry on Mechanical Performance of Cement Bonded Fibre Boards. INTERNATIONAL JOURNAL OF MECHANICAL ENGINEERING AND ROBOTICS RESEARCH. Publication In Scopus UTM FIRST AUTHOR, 2019.
11. Causes Of Crane Accidents at Construction Sites in Malaysia. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Scopus CO-AUTHOR, 2019.
12. Causes Of Fatal Construction Accidents in Malaysia. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Web of Science CO-AUTHOR, 2019
13. Noncompliance Of the Occupational Safety and Health Legislation in The Malaysian Construction Industry. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Web of Science CO- AUTHOR, 2019.
14. The Impact of Air Well Geometry in A Malaysian Single Storey Terraced House. SUSTAINABILITY Publication in Web of Science. CO-AUTHOR, 2019.
15. Embedded Life Cycle Costing Elements in Green Building Rating Tool. CIVIL ENGINEERING JOURNAL Publication in Web of Science. CO-AUTHOR, 2019.
16. Evolution To Emergence of Green Buildings: A Review. ADMINISTRATIVE SCIENCE. Publication In Web of Science. CO-AUTHOR, 2019.
17. Sustainable Operation and Maintenance Criteria for Non-Toll Road Green Rating System. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In Scopus. CO-AUTHOR, 2019.
18. Carbon Footprint Assessment at Rest and Service Area of Malaysia Highway. CHEMICAL ENGINEERING TRANSACTIONS. Publication In Scopus. CO-AUTHOR, 2019.
19. Carbon Footprints Calculator of Highway Pavement Rehabilitation: The Quantification of Carbon Emissions Per Unit Activity. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In Scopus. CORRESPONDING AUTHOR, 2019.
20. Cost Breakdown Analysis Framework for Sustainable Design and Construction Activity Element Decision Making. 4TH PROCEEDING OF CIVIL ENGINEERING

21. Decision Making Tool For Retrofitting Of Existing Building For Energy Reduction In Higher Learning Institution. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In Scopus.CO- AUTHOR, 2019.
22. Disturbance Of Traffic Noise: Evaluation On The Effects And Management On Road Corridors IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE Publication In Scopus. CORRESPONDING AUTHOR. 2018.
23. An Outlook On Strategic Framework Development Needs Of Roles And Involvement Of Joint Property Management In High Rise Green Buildings In Malaysia. CHEMICAL ENGINEERING TRANSACTIONS. Publication In Scopus. CO-AUTHOR 2018.
24. The Challenges Of The Ageing Population On The Malaysian Construction Industry JOURNAL OF PHYSICS: CONFERENCE SERIES. Publication In Scopus. CO-AUTHOR 2018
25. Performance Of Organic And Inorganic Against Thermal Insulation Properties. INTERNATIONAL CONFERENCE ON SUSTAINABLE ENERGY AND GREEN TECHNOLOGY 2018 Conference Paper. CO- AUTHOR, 2018.
26. Thermal Performance Of Waste Materials As Aggregate Replacement In Asphalt Pavement. THE 12TH INTERNATIONAL CIVIL ENGINEERING POST GRADUATE CONFERENCE (SEPKA) THE 3RD INTERNATIONAL SYMPOSIUM ON EXPERTISE OF ENGINEERING DESIGN (ISEED). Conference Paper. CO-AUTHOR. 2018.
27. Carbon Footprint Calculator Of Highway Pavement Rehabilitation: The Quantification Of Carbon Emissions Per Unit Activity. 10TH MALAYSIAN ROAD CONFERENCE 2018. Conference Paper. CO-AUTHOR 2018.
28. Carbon Emission Assessment Of Energy Efficiency Criteria In Myghi Implementation. PROCEEDING IF CIVIL ENGINEERING CONSTRUCTION MANAGEMENT, GEOTECHNICS AND TRANSPORTATION. Proceedings. CO-AUTHOR 2018
29. The Assessment Of Carbon Footprint At Rest And Service Area Malaysia'S Highway. 4TH INTERNATIONAL CONFERENCE ON LOW CARBON ASIA (ICLCA 2018). Proceedings. CO-AUTHOR 2018.
30. Surrogate Human Sensor For Human Skin Surface Temperature Measurement In Evaluating The Impacts Of Thermal Behaviour At Outdoor Environment. MEASUREMENT. Publication In Web Of Science. CO-AUTH
31. Optimization Of Aluminium Recovery From Water Treatment Sludge Using Response Surface Methodology. JOURNAL OF ENVIRONMENTAL MANAGEMENT. Publication In Web Of Science. CO-AUTHOR 2018.
32. A Review Of Application Building Information Modeling (Bim) During Pre-Construction Stage: Retrospective And Future Directions. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Scopus. CORRESPONDING AUTHOR 2018.
33. The Factors Impacted To Local Contractor From Foreign Direct Investment In Advancing Economic Hub Development In Iskandar Malaysia. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE Publication In ScopusCO-AUTHOR 2018
34. Development Of Weightage For Criteria Affecting In Retrofitting Of Existing Building In Higher Learning Institution With Clean Energy Initiatives. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In ScopusCO-AUTHOR 2018
35. Marshall Properties Of Asphalt Mixture Containing Garnet Waste. 1ST INTERNATIONAL GRADUATE CONFERENCE ON EMERGING TRENDS IN MULTIDISCIPLINARY APPROACHES - PUBLISHED IN JOURNAL OF ADVANCED RESEARCH IN MATERIALS SCIENCE. Conference Paper. CO-AUTHOR 2018.
36. Effect Of Curing Conditions On Compressive Strength Of Fa-Pofa-Based Geopolymer Mortar. IOP CONFERENCE SERIES: MATERIALS SCIENCE AND ENGINEERING. Publication In ScopusCO-AUTHOR 2018
37. Multi-Criteria Decision Analysis For Evaluating Sustainable Lifts Design Of Public Hospital Buildings. CHEMICAL ENGINEERING TRANSACTIONS. Publication In ScopusCO-AUTHOR 2018.
38. Web-Based Automation Of Green Building Rating Index And Life Cycle Cost Analysis. IOP CONFERENCE SERIES: EARTH AND ENVIRONMENTAL SCIENCE. Publication In Scopus. CO-AUTHOR, 2018.

39. Eeydzah Aminuddin, Mohd Fadhil Md Din, Zurina Mohamad, Zainura Zainun Noor, and Kenzo Iwao (2011). A Review on Characteristic and Performance of Recycled Expanded Polystyrene as Insulfoam. Post-Graduate Civil Engineering Seminar. UTM.13-15 Sept. 2011.
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