

CURRICULUM VITAE



A. **PERSONAL DETAILS**

1. Name : Hamidah Mohd. Saman@Hj. Mohamed
2. Date of Birth : 9.10. 1966
3. Place of Birth : Muar, Johor, Malaysia
4. Sex : Female
5. Office Address : Faculty of Civil Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia
6. Tel: : (6) 03-5543 5428
(6) 019 236 1274
7. E-mail : hmohdsaman@yahoo.com

B. **INVOLVEMENT IN PROFESSIONAL BODIES**

| Year | Post |
|-------------|--|
| 2000-2018 | Honorary Secretary, Concrete Society of Malaysia (CSM) |
| 2007-now | Committee Members, ACI-KL Chapter |
| 2009-2016 | Exco Member, Confederation of scientific and Technological Associations in Malaysia (COSTAM) |
| 2001-now | Graduate Member of Institution of Engineers Malaysia (IEM) |

C. **EDITORIAL ADVISORY AND REVIEW BOARD**

1. Malaysian Construction Research Journal (CREAM-CIDB)
2. Chief Editor, Scientific Research Journal (UiTM)
3. Journal of Engineering Science & Technology (JESTEC)
4. International Sustainable Construction Journal, UTHM-Concrete Society of Malaysia (CSM)
5. The Institution of Engineers Malaysia (IEM) Journal
6. Jurnal Gading UiTM Pahang, University Publication Centre (UPENA)
7. Proceedings for Conference on Scientific and Social Research (CSSR), UiTM
8. Science and Social Journal, UiTM Pahang Campus, UPENA
9. "Towards New Millenium Concrete Construction", Proceedings of World Conference on Concrete Materials and Structures, ISBN 983-9414-33-X, 14-16 Mei 2002.

10. "Repair Enhancement of Concrete Structures", Proceedings of 7th International Conference on Concrete Technology in Developing Countries(7ICCT), ISBN 967-958-159-4.
11. Eighth International Conference on Composite Science and Technology (ICCST8)

D. POSTGRADUATE SUPERVISION

MASTER (RESEARCH) SUPERVISION COMPLETED (Includes Co-supervision)

| | Students Name | Institutions | Year Enrolled | Year End |
|---|---------------------------------|---------------------|----------------------|-----------------|
| 1 | Abdul Manaff Mohd. Ismail (Co) | UiTM | 2001 | 2004 |
| 2 | Mohd. Faisal bin Md. Jaafar | UiTM | 2002 | 2006 |
| 3 | Suriafazlin Bt. Ismail (Co) | UM | 2009 | 2011 |
| 4 | Afifudin Habulat | UiTM | 2010 | 2012 |
| 5 | Norhana Binti Abdul Rahman (Co) | UiTM | 2010 | 2013 |
| 6 | Siti Shahidah Sharipudin (Co) | UiTM | 2010 | 2012 |
| 7 | Syed Hazni Bin Abd Gani | UiTM | 2010 | 2017 |

PhD SUPERVISION COMPLETED (Includes Co-supervision)

| | Students Name | Institutions | Year Enrolled | Year End |
|---|--|---------------------|----------------------|-----------------|
| 1 | Kartini Kamaruddin (Co) | UM | 2005 | 2009 |
| 2 | Marzuki Abdul Rahman | UiTM | 2005 | 2009 |
| 3 | Suraya Hani Adnan (Co) | UTHM | 2005 | 2011 |
| 4 | Noorsuhada Binti Md Noor (Co) | UiTM | 2010 | 2015 |
| 5 | Che Maznah Mat Isa | UiTM | 2011 | 2016 |
| 6 | Sobia Anwar Qazi | UiTM | 2011 | 2017 |
| 7 | Mohamad Ezad Hafez Bin Mohd. Pahraraji | UiTM | 2011 | 2017 |
| 8 | Raden Maizatul Aimi Mohd. Azam | UiTM | 2011 | 2018 |
| 9 | Muhd. Norhasri B. Muhd. Sidek | UiTM | 2011 | 2017 |

ON-GOING POSTGRADUATE (RESEARCH) SUPERVISION (Includes Co-supervision)

| | Students Name | Institutions | Year Enrolled | Year End |
|----|--|---------------------|----------------------|--|
| 1 | Mohd Hafiz Bin Md. Ali (Co) | UiTM | 2011 | Viva with major correction |
| 2 | Nurul Nazierah Binti Mohd Yusri (Co) (2012826268) "Incineration Temperature and the Properties of Domestic Waste Fine Powder (DWFP) Mortars" | UiTM | Sept 2012 | Active /on-going (80% experimental work) |
| 4. | Amirah Binti Mohamad Juri (Co) (2014741941)" Expanded Polystyrene Dry Mix Mortar Block as Construction Material" | UiTM | Sept 2014 | Active /on-going |

On-Going PhD SUPERVISION (Includes Co-supervision)

| | Students Name | Institutions | Year Enrolled | Year End |
|---|---|---------------------|----------------------|--|
| 1 | Norhanani Abdul Rahim (Co) | UiTM | 2011 | Writing |
| 2 | Jamilah Bt. Abdul Rahim (Co) | UiTM | 2011 | Viva with major correction |
| 3 | Nur Hanani Abdul Rahim | UiTM | 2011 | Writing |
| 4 | Mohd. Faizal Bin Md. Jaafar | UiTM/UMP | 2011 | Writing |
| 5 | Zalipah Bt. Jamelloddin | UiTM/UTHM | 2012 | Writing |
| 6 | Zaidahtulakmal Binti Mohd. Zahib (Co) | UiTM | 2012 | Active (70% experimental work) |
| 7 | Noorli Ismail (2011505645)" Potential of Effective Microorganism in Enhancing Concrete Properties" | UiTM/UTHM | Sept 2012 | Submitted |
| 8 | Mohd. Risham Bin Jaafar (Co) (2013681214) "Properties of Hybrid Oil Palm Empty Fruit Bunches and Oil Palm Fronds" | UiTM, Jengka Pahang | Mac 2013 | Active /on-going (50% experimental work) |

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|----|--|--|-----------|--|
| | Cement Bonded Particleboard” | | | |
| 9 | Aiman Abdullah Mohammed (Co) (2012126233)” Performance of High Strength Concrete Made from Recycled Concrete Aggregate | UiTM | Sept 2012 | Active /on-going (50% experimental work) |
| 10 | Ani Maslina Saleh (Co) (2014407078)” Development of Low-Cost Low-Energy Sustainable Construction Materials | UiTM, Faculty of Architectural, Planning and Survey (FSPU) | Mac 2014 | Active /on-going (50% experimental work) |

E. **RESEARCH FUNDINGS**

NATIONAL LEVEL ACTIVE RESEARCH FUNDING (MOSTI/FRGS & Others)

| | Research Project | Source | Total Funds | Begin Year | End Year |
|---|--|--|--------------------|-------------------|-----------------|
| 1 | Principal Researcher, Bacteria Based Repair Solution for Concrete Cracks | Zacklim Flat Floor Specialist Sdn Bhd. | RM283,815.00 | 2018 | Active/on-going |
| 2 | Co Researcher, High Calcium Waste Paper Sludge Ash (WPSA) and High Silica Fume (SF) Hybrid Geopolymeriation Theory | FRGS | RM96,200 | (2015-2017) | Completed |
| 3 | Principal Researcher, Fire Reistance of Ultra High Performance Fibre-Reinforced Cementitious Compoites (UHPRFCC) Coated Structural Members | e-Science | RM177,200 | (2015-2017) | Completed |

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|---|---|---------------------|-----------|-----------------|-------------------|
| | Co Researcher, Permeability and Strength of Fibre Reinforced Polymer Modified Pervious Concrete | RAGS | RM58,000 | (2014- 2016) | Completed |
| 4 | Co Researcher, Crystallization Characteristic Formation Theory Through Stabilised /Solidified Mineral Sludge | FRGS | RM120,800 | (2014- 2016) | Completed |
| 5 | Co Researcher, Interaction and Repulsive Force of Rubberized Polyethelene Terephthalate (PET) Aggregate Particles Matrices | FRGS, MOHE | RM 72,000 | 15 Nov 2013 | Completed 2015 |
| 6 | Co Researcher, Axial and Shear Capacities of Expanded Polystyrene Fibre (EPSF) Reinforced Lightweight Wall Panel | ERGS, MOHE | RM 85,000 | 1 Jun 2013 | Completed 2015 |
| 7 | Co Researcher, Late Movers Environmental Dynamic Capabilities in International Market | e-Science, MOSTI | RM 59,200 | 1 Nov 2012 | Completed 2014 |
| 8 | Principal Researcher, Behavior of Ultra High Performance Fiber Reinforced- Cementitious Composites (UHPFRCC) for Enhancing the Fire Endurance of Structural members | ERGS, MOHE | RM 50,000 | 1 Julai 2012 | Completed 2014 |
| 9 | Co Researcher, | ERGS, MOHE | RM92,000 | 1 Julai | 30 Jun |

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|----|--|------------------|------------|--------------|-------------------------|
| | Simultaneous Monitoring of Corrosion and pH Changes in Concrete Using Fibre Bragg Grating Sensors | | | 2011 | 2013 (completed) |
| 10 | Principal Researcher, Microbe-Silica Interaction Derivative Biomineralisation Model | FRGS, MOHE | RM 192,000 | 1 Julai 2011 | 30 Jun 2013 (completed) |
| 11 | Principal Researcher, Alternative Materials for the Production of Economic and Durable Reinforced Concrete. | CREAM | RM 218,800 | 2009 | 2013 (completed) |
| 12 | Co Researcher, Development of Novel Profiled Web Steel and Composite Beam of Medium to Long Span for Structural and Building. | e-Science, MOSTI | RM 271,800 | 2007 | 2009 (completed) |
| 13 | Co Researcher, Behaviour of Foamed Concrete Filled Tubes. | FRGS, MOHE | RM 60,000 | 2007 | 2009 (completed) |
| 14 | Principal Researcher, Mechanical Properties of Rice Husk Ash as a Mineral Addition in Concrete. | UiTM | RM 20,000 | 2004 | 2006 (completed) |
| 15 | Principal Researcher, Design and Development of Fibre Reinforced Lightweight Concrete for Building Structural Components. | IRPA, MOSTI | RM 352,000 | 2002 | 2006 (completed) |

INDUSTRIAL RESEARCH FUNDING INCLUDING CONTRACT RESEARCH

| | Research Project | Source | Total Funds | Begin Year | End Year |
|---|--|---------------|-------------|------------|----------|
| 1 | Kajian Kes Kemalangan dan Penyakit Pekerja Berdasarkan Laporan PERKESO | MSOSH-PERKESO | RM53,000 | 2008 | 2010 |

Dana Kecemerlangan UiTM

| | Research Project | Total Funds | Begin Year | End Year |
|---|---|-------------|---------------|-------------|
| 1 | Late Mover Advantages (LMAs) Dynamic Capabilities Theory | RM 32,000 | 1 Jun 2012 | On-going |
| 2 | Deformation Characteristic of High Performance Lightweight Concrete (HPLWC) | RM 32,000 | 1 Dis2012 | On-going |
| 3 | Lightweight Autoclaved Coal Ash Brick | RM 10,000 | 1 Okt 2011 | 30 Sept2013 |
| 6 | Quarry Dust Fine Powder (QDFP) as Sustainable and Green Technology | RM 7,500 | 31 Julai 2010 | 31 Dis 2012 |
| 5 | Microbial Silica precipitation to Enhance Concrete Strength and Durability | RM 8,000 | 1 Dis 2010 | 30 Nov 2012 |

F. INDEXED PUBLICATIONS

- [1] Muhd Norhasri, M.S., **Hamidah, M.S.**, Mohd. Fadzil, A., 2017. Application of using Nano Material in Concrete : A Review. *Construction and Building Materials*, 133 : 91-97 **{Impact Factored, ISI indexed}**.
- [2] M.S. Muhd Norhasri, **M.S. Hamidah**, A. Mohd Fadzil and O.Megawati 'Inclusion of Nano metakaolin as Additive in Ultra High Performance Concrete (UHPC), *Construction and Building Materials*, 127, (2016) pp 167-175 **{Impact Factored, ISI indexed}**.
- [3] Mohamad Ezad, H.M.P., Hamidah, M.S., Mohamad Nidzam, R. & Kartini, K., 2016. The Effect of using GGBS and Foam on the Mechanical Properties of Unfired Coal Ash Foam Brick. *Malaysian Construction Research Journal*, 19 (2) : 85-102.

- [4] Zalipah Jamellodin, **Hamidah Mohd Saman**, Suraya Hani Adnan, Shuhada Mohammad & Wan Yuslinda Wan Yusof "Strength Development of Fine Grained Mortar Containing Fly Ash and Rice Husk Ash", *Applied Mechanics and Materials*, pp 181-188, doi :10.40128/www.scientific.net/AMM.752-753.182, April 2015 {**ISI indexed**}
- [5] Jamilah Abd. Rahim, Siti Hawa Hamzah & **Hamidah Mohd Saman** "Expanded Polystyrene Fibred Lightweight Concrete (EPS-LWC) as a Load Bearing Wall Panel, *Jurnal Teknologi*, 76:9 pp 81-85, www.jurnalteknologi.utm.my, eISSN 2180-3722, 31 May 2015 {**SCOPUS indexed**}
- [6] Md Nor Noorshuhada, Azmi Ibrahim, Muhamamd Bunnori Norazura, **Hamidah Mohd Saman**, Mat Saliah Soffian and Shahidan Shahiron "Fatigue Crack Inspection and Acoustic Emission Characteristics of Precast RC beam under Repetition Loading", *Applied Mechanics and Materials*, Vols. 773-774 (2015), pp 1022-1026, Doi:10.40128/www.scientific.net/AMM.773-774.1022, 15 July 2015 {**ISI indexed**}
- [7] Christopher Nigel Preece, Che Maznah Mat Isa, **Hamidah Mohd. Saman** & Che Khairil Che Ibrahim "Development of entry location, entry timing and entry mode decision model for construction firms in international markets", *Construction Management and Economics*, (http : //dx.doi.org/10.1080/01446193.2015.1084429), 25 Oct 2015, (published online){**ISI indexed - Impact factor - Q1**}
- [8] Anwar Q. Sobia, **Mohd S. Hamidah**, Ibrahim Azmi, Sahibzada F. A. Rafeeqi, 'Elevated Temperature Resistance of Ultra-High-Performance Fibre-Reinforced Cementitious Composites' *Magazine of Concrete Research*, Institute of Civil Engineers UK, Thomas Telford Ltd. ISSN 00249831 Available online: 07 March 2015 {**ISI indexed**}- **Impact factor = 0.896 - Q1**}
- [9] Mat Isa C.M, **Mohd Saman H**, H & Preece, C.N. 'Entry Location and Entry Timing (ELET) Decision Model for International Construction Firms, *Australasian' Journal of Construction Economics and Building*, Vol 14(3), pp 34-57.doi: <http://dx.doi.org/10.5130/CEB.v14i3.4156> {**ISI indexed**}
- [10] J. A. Rahim, S. H. Hamzah, **M. S. Hamidah**, "Bonding Strength of Expanded Polystyrene (EPS) Beads Enhanced with Steel Fiber in Reinforced Lightweight Concrete (LWC)". *Applied Mechanics and Materials*, Vol 661, pp. 100-105 DOI : 10.4028/www.scientific.net/AMM.661.100 {**ISI indexed**}
- [11] R. Ismail, **H. Mohd Saman**, M. Hassim, Evaluation of Medium-Rise Reinforced Concrete Building Performance under Low Intensity Earthquake Effect. *Applied Mechanics and Materials*, Vol 661, pp.

106-110 doi : 10.4028/www.scientific.net/AMM.661.106 **{ISI indexed}**.

- [12] Jamellodin, Zalipah and **Mohd Saman, Hamidah** and Adnan, Suraya Hani and Mohammad, Noor Shuhada and Wan Yusof, Wan Yuslinda (2014)'. '*Strength Development of Fine Grained Mortar Containing Fly Ash and Rice Husk Ash*'.*Advanced Materials Research*, Vol 1051, pp. 757-762, pp. 757-762. ISSN 10226680, doi : 10.4028/www.scientific.net/AMR.1051.757 **{ISI indexed}**.
- [13] Md. Jaafar Mohd Faizal, **Hamidah Mohd Saman**, Muhd Nurhasri Muhd Sidek and Noorli Ismail, "Chloride Permeability of Nanoclaved Ultra-High Performance Concrete". Proceedings of the International Civil and Infrastructure Engineering Conference 2014 (InCIEC) **{Springer}**.
- [14] Che Maznah Mat Isa, **Hamidah Mohd Saman**, Mohd Nasir, Siti Rashidah, Aini Jaapar, "Using PLS-SEM Technique to Model Malaysian Construction Firms Entry Timing Decisions in International Market". Proceedings of Technology Management and Emerging Technologies (ISTMET), 2014 International Symposium on 123-128 **{SCOPUS indexed}**.
- [15] M. S. Muhd Norhasri, **M.S. Hamidah**, A. M. Fadzil, A.G. Abd Halim, M.R. Zaidi, Fresh State Behaviour of Cement Paste Containing Nano Kaolin. *Advanced Materials Research*, Vol 925, pp. 28-32, DOI : 10.4028/www.scientific.net/AMR.925.28 **{ISI indexed}**.
- [16] K Kartini, **MS Hamidah**, AR Norhana, HAR Nur, 'Quarry Dust Fine Powder as Substitute for Ordinary Portland Cement in Concrete Mix'. *Journal of Engineering Science and Technology*, School of Engineering, Taylor's University, Vol. 9, No. 2, pp . 191-205 **{ISI indexed}**.
- [17] Muhd Norhasri, **MS Hamidah** and A Mohd Fadzil, 'Morphology and Strength of Cement Paste from Clay as Nano Material'. *Applied mechanics and Materials*, Vol. 490-491 (2014), pp. 19-24 doi :10.4028/www.scientific.net/AMR.490-491.19 **{ISI indexed}**.
- [18] CMM Isa, **HM Saman**, SRM Nasir, Specific-Factors Influencing Market Selection Decision by Malaysian Construction Firms into International Market. *Procedia-Social and Behavioral Sciences*, Vol 129, pp 4-10 **{ISI indexed}**.
- [19] MS Norhasri, **MS Hamidah** and AM Fadzil. 'Morphology and Strength of Cement Paste from Clay as Nanomaterial,*Applied Mechanics and Materials* (Vol. 490-491), Scientific. Net Materials Science and Engineering, doi: 10.4028/www.scientific.net/AMM.49, pp 19-24, February 2014 **{ISI indexed}**.

- [20] H.Afifudin, **M.S Hamidah**, K. Kartini, O.Megawati. Use of Bacterial Silica Precipitation to Enhance Strength and Permeability of Concrete. *Malaysian Construction Research Journal (MCRJ)*, Construction Research Institute of Malaysia (CREAM), Feb 2014 , Vol. 13, No. 2 **{SCOPUS indexed}**.
- [21] Kartini, K., **Hamidah, M.S**, Norhana, A.R and Nur Hanani, A.R. Quarry Dust Fine Powder as Substitute for Ordinary Portland Cement in Concrete Mix.*Journal of Engineering Science and Technology (JESTEC)*, Vol. 9, No. 2 pp 191-205, Feb 2014 **{SCOPUS indexed }**.
- [22] Muhd Norhasri **M.S, Hamidah**, Abd Halim A.G and Mohd Fadzil A. Sol Gel Characterisation of Nano Kaolin. *Advanced Materials Research*, Vol. 856 (2014) pp 285-289, www.scientific.net. 06 December 2013 **{ISI indexed}**.
- [23] Mohamad Ezad Hafez Mohd Pahroraji, **Hamidah Mohd. Saman**, Mohamad Nidzam Rahmat, Kartini Kamaruddin. Compressive Strength and Density of Cementless Unfired Lightweight Brick Utilizing Coal Ash from Coal-Fired Thermal Power Plant.*Key Engineering Materials*, Vols 594-595 (2014) pp 527-531 **{ISI indexed}**.
- [24] Mat Isa C.M, **Mohd Saman H**, Mohd Nasir S.R, Jaapar A. Factors for Entry Timing Choices Using Principal Axis Factorial Analysis and Logistic Regression Model.World Academy of Science, Engineering and Technology (WASET) *International Journal of Mechanical, Industrial Science and Engineering* Vol:7 No:12,2013 **{International Science – Google Scholar indexed}**.
- [25] A.Q. Sobia, A. Shyzleen, **M.S. Hamidah**, I. Azmi, S.F.A. Rafeeqi and S. Ahmad Post Elevated Temperature Effect on the Strength and Microstructure of Thin High Performance Cementitious Composites (THPCC).World Academy of Science, Engineering and Technology (WASET) *International Journal of Chemical, Materials Science and Engineering* Vol:7 No:2, 2013 **{International Science – SCOPUS Google Scholar indexed}**.
- [26] Noorsuhada Md. Nor, Azmi Ibrahim, Norazura Muhamad Bunnori, Soffian Noor Mat Saliah, **Hamidah Mohd. Saman** and Shahiron Shahidan Acoustic Emmission Signal for Fatigue Crack Classification on Reinforced Concrete Beam. *Construction & Building Materials Journal*, Vol. 49 pp 583-590 **{Sciencedirect (ISI) indexed}**.
- [27] Mohd Fadzil A, Muhd Norhasri M.S, **Hamidah M.S**, Zaidi M.R, Mohd Faizal J. Alteration of Nano Metakaolin for Ultra High Performance Concrete (UHPC).Proceedings of the International Civil and

Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.

- [28] **Hamidah M.S**, Mohd Faizal M.J, Muhd Norhasri M.S, Noorli I, Vasagavijayan S. **Strain Behaviour of Exposed Steel Reinforcement Bars Using FBG Sensor**, Proceedings of the International Civil and Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.
- [29] Mohamad Ezad Hafez Mohd Pahroraji, **Hamidah Mohd Saman**, Mohamad Nidzam Rahmat, Kartini Kamaruddin Compressive Strength and Density of Unfired Lightweight Coal Ash Brick, Proceedings of the International Civil and Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.
- [30] Suzila R., **Hamidah M.S.**, Anizahyati A., Ahmad Ruslan M.R Fibre Reinforced Modulus of Elasticity and Compressive Strength of Foamed Concrete. Proceedings of the International Civil and Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.
- [31] Noorsuhada Md. Nor, Azmi Ibrahim, Norazura Muhamad Bunnori, Soffian Noor Mat Saliah, **Hamidah Mohd. Saman** and Shahiron Shahidan. Active Fatigue Crack Detection and Classification of Reinforced Beams Using Acoustic Emission Technique. Proceedings of the International Civil and Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.
- [32] Che Maznah Mat Isa, **Hamidah Mohd Saman**, Siti Rashidah Mohd Nasir, and Aini Jaapar Strength, Weakness, Opportunity and Threat (SWOT) Attributes of Malaysian Construction Firms in International Market. Proceedings of the International Civil and Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.
- [33] Che Maznah Mat Isa, **Hamidah Mohd Saman**, Siti Rashidah Mohd Nasir, and Aini Jaapar 'Acquiring Late Mover Advantages (LMAs) by Malaysian Construction Firm in International Market'. Proceedings of the International Civil and Infrastructure Engineering Conference 2013 (InCIEC), 8 September 2013 **{Springer (ISI) indexed}**.
- [34] Noorsuhada Md Nor, Azmi Ibrahim, Norazura Bunnori, **Hamidah Mohd Saman**, Soffian Noor Mat Saliah and Shahiron Shahidan **Diagnostic of Fatigue Damage Severity on Reinforced Concrete Beam Using Acoustic Emission Technique.** *Journal of Engineering Failure Analysis*, <http://dx.doi.org/10.1016/j.engfailanal.2013.07.015> **{ISI indexed}**.

- [35] Noorsuhada Md. Nor, Azmi Ibrahim, Norazura Muhamad Bunnori, Soffian Noor Mat Saliah, **Hamidah Mohd. Saman** and Shahiron Shahidan, 'Classification of Damage Mode of Reinforced Concrete Beams Using Acoustic Emission'. *Advanced Materials Research*, Vol., 626 (2013) pp 953-957 **{ISI indexed}**.
- [36] Che Maznah Mat Isa, **Hamidah Mohd Saman**, Siti Rashidah Mohd Nasir, 'Specific-factors Influencing Late Movers' Entry Timing Decision Into International Market'. Conference of Humanities, Science and Engineering Research (CHUSER) 2012, 3-4 Dec 2012, Kota Kinabalu, Sabah **{IEEE/SCOPUS indexed}**.
- [37] Suraya Hani Adnan, Ismail Abdul Rahman, **Hamidah Mohd Saman** & Fetra Venny Riza 'Pozzolanic Properties of Micronized Biomass Silica in Enhancing Compressive Strength and Water Permeability of Concrete'. *Modern Applied Science*; Vol. 6 No. 11; 2012, 11 October 2012 **{SCOPUS indexed}**.
- [38] Che Maznah Mat Isa, Nur Kamalaih Mustaffa, **Hamidah Mohd. Saman**, Siti Rashidah Mohd. Nasir and Che Khairil Che Ibrahim, 'Factors Influencing Malaysian Construction Firms in Venturing into International Market'. Proceedings 1st International Conference on Innovation, Management and Technology Research (ICIMTR2012) Malacca 21-22 May 2012 **{IEEE/SCOPUS indexed}**.
- [39] Z.Ahmad, **H.M. Saman** and P.M Tahir, "Oil Palm Trunk Fiber as A Bio-Waste Resource for Concrete Reinforcement" *International Journal of Mechanical and Materials Engineering (IJMME)*, Vol. 5 (2010), No. 2, pp. 199-207 **{SCOPUS indexed}**.
- [40] Kartini, K., Mahmud, H.B and **Hamidah M.S**, "Absorption and Permeability Performance of Selangor Rice Husk Ash Blended Grade 30 Concrete". *Journal of Engineering Science and Technology (JESTEC)*, Vol. 5, No. (2010) pp. 1-16. **{SCOPUS indexed}**.
- [41] AR Marzuki, S Rahim, **M. Hamidah** and R Ahmad Ruslan. "Effects of Wood : Cement Ratio on Mechanical and Physical Properties of Three-Layered Cement-Bonded Particleboards from *Leucaena Leucocephala*", *Journal of Tropical Forest Science* 23 (1), (2011) **{ISI indexed}**.
- [42] A.R. Marzuki, O. Megawati, **M.S. Hamidah** and M.R. Ahmad Ruslan, 'Mechanical and Physical Properties of Three-layer Cement-bonded Particleboards from *Leucaena Leucocephala* (Petai Belalang)', *Journal of Science and Technology in the Tropics* (2011) 1 : 31-39 **{SCOPUS indexed}**.

- [43] Afifudin, H., **Hamidah M.S.**, Noor Hana, H. and Kartini, K. "Microorganism Precipitation in Enhancing Concrete Properties", *Applied Mechanics and Materials*, Vols. 99-100 (2011), pp 1157-1165 **{ISI indexed}**.
- [44] Afifudin, H., Nadzarah, W., **Hamidah M.S.** and Noor Hana, H. 'Microbial Participation in the Formation of Calcium Silicate Hydrated (CSH) from Bacillus subtilis', *Procedia Engineering* 20 (2011) 159-165, The 2nd International Building Control Conference 2011, available online at www.sciencedirect.com **{ISI indexed}**.

G. **EXTERNAL/INTERNAL EXAMINERS**

| Perlantikan/Jemputan (<i>Appointments/Invitations</i>) | Universiti/Agensi Kerajaan/ Swasta/ Badan Profesional (<i>Universities/Governme nt /Private Agencies/ Professional Bodies</i>) | Tarikh (<i>Date(s)</i>) |
|---|---|------------------------------|
| Pemeriksa Luar Tesis Ph.D, Norbaizurah Binti Rahman titled "The Combined Effect of Dipotassium Hydrogen Phosphate and Paper Mill Sludge Ash on Structural Disintegration of Fly Ash Geopolymer Mortar" | Universiti Malaysia Pahang | 23 July 2018 |
| Pemeriksa Luar Tesis Ph.D, Musa Adamu titled "Development of Nano ilica modified High Volume Fly Ash Roller Compacted Rubbercrete for Pavement Application". | Universiti Teknologi Petronas (UTP) | 10 July 2018 |
| Pemeriksa Luar Tesis MSc, Muhammad Nazrin Akmal Bin Ahmad Zawawi titled Properties of Oil Palm Shell Lightweight Aggregate oncrete Containing Fly Ash as Partial Sand Replacement | Universiti Malaysia Pahang | May 2018 |
| Pemeriksa Luar Tesis Ph.D, An Nisha Nur Welliana Binti Abd Rased titled Manufacturing Concrete Roof Tile Composite using Clay and Rice Straw Fibre as Heat Insulation Material | Universiti Sains Malaysia (USM) | May 2018 |
| Pemeriksa Luar Tesis Ph.D, Mr. Meenakshi titled Experimental Studies on Strength and Behaviour of Concrete Using Quarry Dust and Copper Slag Powder | Anna University, Chennai INDIA | January 2018 |
| Pemeriksa Luar Tesis MSc, Mr. Rabinder Kumar titled Mechanical and | Universiti Teknologi Petronas (UTP) | 15 August 2017 |

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| Durability Properties of Concrete Containing Metakaolin and Nanosilica Additives | | |
| Pemeriksa Luar Tesis MSc, Mr. Javad Nodeh Farahani titled Effect of Curing on Properties of Concrete Containing High Volume Supplementary Cementitious Materials in Binary, Ternary and quaternary Combinations | University Malaya | 22 July 2017 |
| Pemeriksa Luar Tesis Ph.D, Mr. Venkatesan. B titled 'Seismic Strengthening of Beam-Column Joint Bonded with cementitious Laminates' | Anna University, Chennai INDIA | 08 February 2017 |
| Pemeriksa Luar Tesis Sarjana, Mr. Jibeh Bin Gondolan titled "Hydro-Response of Grid-Like Floating Structure Subjected to a Mono-Directional Flow" | Universiti Teknologi Malaysia (UTM) | 08 Jan 2017 |
| Pemeriksa Luar Tesis Sarjana, Nurliyana Binti Zainal, bertajuk "Effects on Bonding Between Normal Concrete and Green Ultra-High performance Fibre Reinforced cementitious Composites (UHPFRCC) as a Repair Material at Elevated Temperature" | Universiti Sains Malaysia (USM) | April 2016 |
| Pemeriksa Luar Tesis Ph.D, Ali Elheber Ahmed Al Sheikh, bertajuk "Development of A Ductile High Strength Concrete Utilizing Different Fibres" | Universiti Teknologi Petronas (UTP) | April 2016 |
| Pemeriksa Luar Tesis Sarjana, Rahimah Embong bertajuk "Study on the Pozzolanic Properties of Hydrothermal Silica gel Extracted from Sugarcane Bagasse using Eco-Friendly Approach" | Universiti Teknologi Petronas (UTP) | Mac 2016 |
| Pemeriksa Luar Tesis Ph.D, Ramalinga Chandra Sekar A, bertajuk "Design and Development of Polymer Modified Bitumen Smart Composites" | Anna University, Centre for Research Chennai, INDIA | 26 Feb 2016 |
| Pemeriksa Luar Tesis Sarjana, Lee Shu Chi, bertajuk "Clamping and Interlocking Effect on Industrialised Building System (IBS) Block Works" | Universiti Teknologi Malaysia (UTM) | 5 Mac 2015 |

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| Pemeriksa Luar Tesis Ph.D, Iman Faridmehr , bertajuk "Seismic and Progressive Collapse Assessment of New Proposed Steel Connections" | Universiti Teknologi Malaysia (UTM) | 12 Mac 2015 |
| Pemeriksa Luar Tesis Ph.D, Jamilu Usman , bertajuk "Properties and Microstructures of Ternary Blended Cement Mortar Containing Palm Oil Fuel Ash and Metakaolin" | Universiti Teknologi Malaysia (UTM) | 11 Mac 2015 |
| Pemeriksa Dalam Tesis Sarjana, Khairulniza Ahmad Anuar , bertajuk "Strength and Shrinkage of Incinerated Waste Paper Sludge Ash Based Geopolymer Concrete Incorporating Recycle Concrete Aggregate" | Fakulti Kejuruteraan Awam Universiti Teknologi MARA (UiTM) | 21 April 2015 |
| Pemeriksa Luar Tesis Ph.D, Mohd Hanif Ismail , bertajuk "Evaluation of Performance of High Strength Ternary Blended Concrete and Cement Paste Containing Palm Oil Fuel Ash and Metakaolin in Aggressive Environment" | Universiti Sains Malaysia (USM) | 16 Oct 2015 |
| Pemeriksa Luar Tesis Ph.D, Mohammed Zuhear Abdul Ameer , bertajuk "Properties of Foamed Concrete with Oil Palm Ash Inclusion and its Application as an Interlocking Mortarless Block" | Universiti Sains Malaysia (USM) | 3 Nov 2015 |
| Pemeriksa Luar Tesis Sarjana, S.M Alangir Kabir , bertajuk "Performance Evaluation on Engineering Properties and Compressive Toughness of Palm Oil Clinker Based Geopolymer Concrete" | Universiti Malaya | 19 Nov 2015 |
| Pemeriksa Luar Tesis Sarjana, Nur Liyana Binti Zainal , bertajuk "Effects on Bonding Between Normal Concrete and Green Ultra-High Performance Fibre Reinforced Cementitious Composites (UHPFRCC) as a Repair Material at Elevated Temperatures" | Universiti Sains Malaysia (USM) | 30 Nov 2015 |

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| <p>Pemeriksa Luar Tesis Ph.D, Sri Sudipta Majumdar, bertajuk " Studies on Bacterial Induced Bioconcrete Material for Practical Application in Future Construction Technology"</p> | <p>Jadavpur Univerity, Kolkata, INDIA</p> | <p>28 Sept 2014</p> |