



PERSONAL DETAILS

Name : **Assoc. Prof. Ir. Dr. Rosli Bin Mohamad Zin**

Gender : Male

Date of Birth : 28th. October 1965

Nationality : Malaysian

Permanent Address : 17 Jalan Utama 14, Taman Mutiara Rini
81310 Skudai, Johor

Correspondent Address : 17 Jalan Utama 14, Taman Mutiara Rini
81310 Skudai, Johor

Tel : 019-7123801(Mobile): 07-5532145(Office): 07-5576841(Fax)

E-mail : roslizin@utm.my

Website : <http://civil.utm.my/roslizin/>

Staff ID : 6273

Expertise : Construction Management, Constructability, Green construction

ACADEMIC QUALIFICATIONS

2004 : Ph.D. (Construction Management)
UTM

1993 : M.Sc. (Structural Engineering)
UPM

1987 : B.Sc. (Civil Engineering)
University of Akron, USA

AWARD AND HONORS RECEIVED

1. Anugerah Khidmat Cemerlang 2006, UTM.
2. Bronze Medal – Ekspo Penyelidikan dan Ciptaan IPT Antarabangsa (PECIPTA 2007),
Product: Fast Track Wall System.

3. Silver Medal – ITEX 09. Product: Automated 2-D Extraction System (QUES).
4. Anugerah Khidmat Cemerlang 2010, UTM.
5. 2nd. Place, Innovation Pitching Competition 2011. Organised by Innovation & Commercialization Centre, UTM. Product: FTW System.
6. Sijil Penghargaan, Malam Citra Inovasi, Kementerian Pengajian Tinggi 2013. Product: ER CAD.
7. Sijil Penghargaan, Malam Citra Inovasi, Kementerian Pengajian Tinggi 2013. Product: Fast Track Wall System.
8. Jury Award – Industrial Arts and Technology Exhibition (INATEX) 2014, Product: SUSCRETE.
9. Silver Medal – Malaysia Road Conference (MRC) Invention and Innovation Exhibition 2014, Product: Malaysia Green Highway Index (MyGHI).
10. Gold Medal – Malaysia Road Conference (MRC) Invention and Innovation Exhibition 2014, Product: SUSCRETE.
11. Gold Medal – Industrial Arts and Technology Exhibition (INATEX) 2014, Product: SUSCRETE.

PROFESSIONAL MEMBERSHIP / QUALIFICATIONS / RECOGNITION

9 July 1990 – 29 December 1993	Civil Engineer Penang Port Commission
11 July 2001 – Present	Member Board of Engineers Malaysia (P.Eng.) Membership Number: 10945
24 April 2001 – Present	Member Institution of Engineers Malaysia Membership Number: 21133

ADMINISTRATIVE EXPERIENCE

Faculty Level

October 1996 – November 1997	Training Coordinator, UTM-LINKEDUA Young Engineer Training Programme
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August 1997 – August 1998	Research and Consultancy Committee (Construction), UTM
October 1998 – October 2000	Assistant Coordinator, Undergraduate Final Year Project, FKA
1 June 1999 – 30 May 2000	Coordinator, SPACE FKA
1 June 2009- 1 January 2014	Coordinator, SPACE FKA
1 January 2009 – 31 December 2011	Industrial Training Committee, FKA
1 January 2010 – 31 December 2011	Associate Editor, Malaysian Journal of Civil Engineering
1 June 2010 - 1 August 2012	Coordinator, Summer School Programme, Construction, FKA
1 July 2014 – January 2015	Coordinator, Eng. Doc. Programme, FKA

University Level

1 February 2007- 31 January 2009	Head, Contract Procurement Sub-group, Construction & Infrastructure Cluster, UTM
1 January 2008- 31 December 2012	Manager, Consultancy Unit, Construction Technology Management Centre (CTMC), UTM
1 January 2013- 31 December 2015	Research Fellow, Construction Research Centre (CRC), UTM
1 February 2015 – Present	Head of Department, Department of Structure and Materials, Faculty of Civil Engineering

OTHERS EXPERIENCE

NATIONAL COMMITTEE

1. Committee member for Program Khidmat Masyarakat Binaan Simenfero at Felda Tenggara 2, Mersing, 26 April 1994
2. Committee member for Short Course on Simenfero, FKA, July – Dec. 1995
3. Committee member for Program Khidmat Masyarakat Binaan Simenfero at Sek.Rendah Bandar Baru Uda, Johor Bahru. 30 May 1994 – 9 June 1994
4. Committee member for Kursus Pendek Untuk Kontraktor Bumiputra. FKA, UTM.14 –15 June 1995
5. Committee member for GT-STRUDL Training – Advanced Topics on Tall Building Modeling, Analysis and Design. FKA, UTM. 4-9 December 1995
6. Committee member for Program Khidmat Masyarakat at Grik, Perak. 2-10 December 1995
7. Committee Member for the Establishment of CTMC, Jan 1997
8. Committee member for Short Course on Advanced Concrete, Johor Bahru. 12-13 May 1997
9. AJK penyelarasan Profesor Tamu, Dato' Dr, Abdul Rahman Abdullah, Dec 1997 – Dec 1998
10. Working Committee for Construction Technology and Management Courses, 1997
11. AJK Program Sarjana Perdana (Construction), Jan 1997 – Jan 1998

12. AJK Jawatankuasa Penyelidikan dan Perundingan representing Construction Unit. August 1997 – August 1998
13. Committee member for Seminar on Design and Construction of Temporary Structures. 1998
14. Working Committee for Construction Technology and Management Courses, 1998
15. Committee member for ISO 9000 (Pengajaran), 1998
16. Committee member for IT in Construction Research Group, FKA, 1999
17. Bendahari Seminar Penyelidikan Kejuruteraan Awam (SEPKA), 2004,2005,2006
18. AJK Pertandingan Model Jambatan, 2005
19. Committee member for Engineering Forensic Group, 2006
20. AJK Penyelidikan dan Penulisan Jurnal, FKA, 2007
21. AJK Penyediaan Kertas Kerja Sarjana Pengurusan Pembinaan, 2007
22. AJK Pertandingan Model Jambatan, 2007
23. AJK Jurutera Profesional, FKA, 2007
24. AJK kecil Task Force Penulisan Laporan Akreditasi, 2008
25. Pegawai Pengiring, On the Spot Build and Break, 2008
26. Task Force, Penulisan Laporan Akreditasi. 2009
27. AJK Pertandingan Model Jambatan, 2009
28. Committee, Malaysian Journal of Civil Engineering, 2009
29. Committee, Khidmat Masyarakat, 2009
30. AJK Pertandingan Model Jambatan, 2011
31. Committee, Malaysian Journal of Civil Engineering, 2011
32. Committee, How to Get Yourself Employed, 2011
33. AJK Pertandingan Model Jambatan, 2012
34. Task Force Conducive Working Environment, 2013

INTERNATIONAL APPOINTMENT/COMMITTEE

1. Committee member for International Asia Pacific Engineering and Construction Conference (APSEC) 1996
2. Committee member for International Asia Pacific Engineering and Construction Conference (APSEC) 2009
3. Technical Committee GEOCON Conference, 2013
4. Committee, UTM Solar Home, Solar Decathlon China, 2013
5. Chairman International Conference on Construction and Building Engineering (ICONBUILD), 2013
6. Editorial Board, International Journal of Sustainable Construction Engineering & Technology (IJSCET), 2012-Present
7. Chief Editor, Jurnal Teknologi Special Edition (Construction Management), 2014

RESEARCH ACTIVITIES

RESEARCH PROJECT UNDERTAKEN

- 1/1/96 – 31/12/98 : **Project Member**, Interlocking blockwork system for cost effective low and medium rise building.
Budget approved: IRPA, RM 76,950 (Vot No: 72076)
- 1/3/96 – 31/9/00 : **Project Member**, Development and Performance Evaluation of Standard T-Section Bridge Beam for Malaysia
Budget approved: IRPA, RM 406,600 (Vot No: 72078)
- 1/8/97 – 31/8/98 : **Project Member**, Remaining Fatigue Life of Steel Bridge
Budget approved: RMC, RM 18,150 (Vot No: 71196)
- 1/1/98 – 31/12/98 : **Project Member**, R&D Requirements of Malaysia Construction Industry
Budget approved: RMC, RM 18,225 (Vot No: 71231)
- 1/6/98 – 31/5/99 : **Project Leader**, Bake Free Bricks
Budget approved: RMC, RM 15,000 (Vot No: 71328)
- 15/6/99 – 14/6/2000 : **Project Member**, Developing Design Standard Library For Integrating Design and Construction
Budget approved: RMC, RM 20,000 (Vot No: 71494)
- 15/6/99 – 14/6/2000 : **Project Leader**, Development of an Integrated System for Assessment of Construction Method
Budget approved: RMC, RM 20,000 (Vot No: 71494)
- 1/1/2000 – 31/12/2001: **Project Member**, The Development of an Intelligent Information Model for Construction Method Assessment in an Integrated Environment
Budget approved: IRPA, RM 88,000 (Vot No: 72268)
- 1/1/2000 – 31/12/2002: **Project Member**, Forecasting Low-Cost Housing Demand In Malaysia Using Artificial Neural Network
Budget approved: IRPA, RM 176,000 (Vot No: 71640)
- 1/1/2003 – 31/12/2005: **Project Member**, Teleconstruction for Construction Industry
Budget approved: IRPA, RM 227,900 (Vot No: 74107)
- 1/7/2006 – 1/6/2007 : **Project Member**, Fast Track Wall System
Budget approved: UTM, RM 113, 530.00
- 1/1/2007 – 31/12/2009: **Project Member**, A Computerised Work Activity Extraction from Digital Drawings

- Budget approved: CIDB, RM 1.1 million (Vot No: 73320)
- 1/1/2007 – 31/12/2008: **Project Member**, Quantitative Safety Assessment Model In IBS Construction
Budget approved: CIDB, RM 280,000 (Vot No: 71315)
- 1/12/2009 – 31/12/2011: **Project Leader**, Quantitative Buildability Assessment for Building Design
Budget approved: Private (AEC Management) RM 150,000 (Vot No: 68745)
- 23/2/2012 – 25/11/2013: **Project Leader**, Rehabilitation Attributes of Road Infrastructure Subjected to Seismic Risk, Budget approved: RUG Tier 2 RM 40,000 (Ref. No: PY/2011/01197)
- 1/12/2012 – 31/12/2013: **Project Member**, Cost Optimization Modeling On Seismic Hazard Rectification for Sustainable Asset Maintenance Of School Building, Budget approved RUG Tier 2, RM 35,000 (Ref No: PY/2012/00888)
- 1/4/2011 – 31/7/2013: **Project Member**, Establishing Appropriate Indoor Environment Parameter for Isolation Tb Ward Layout Design, Budget approved RUG Tier 2, RM 40,000 (Ref No: PY/2011/00781)
- 1/8/2011 – 31/7/2014: **Project Member**, Model for Energy Efficiency, Environmental Quality and Material Used In Road Infrastructures, Budget approved RUG Flagship, RM 450,000 (Ref No: PY/2011/01932)
- 23/2/2012 – 25/11/2013: **Project Leader**, Malaysia Green Highway Rating System
Budget approved: Private (LLM) RM 60,000 (Vot No: 4B055)
- 8/10/2012 – 31/3/2015: **Project Member**, Development of Bio-material for Strengthening Reinforced Concrete Structure
Budget approved CIDB, RM 230,000 (Vot No: 4S042)
- 1/8/2013 – 1/7/2015: **Project Leader**, Development of an Assessment Model for Energy Efficient Construction System. Budget Approved: MOSTI RM 171,000 (Vot No: 68745)
- 1/4/2014 – 31/12/2015: **Project Member**, Fast Track Construction of Composite Floor System with Cold Formed Steel Section, Budget approved RUG Tier 1, RM 50,000 (Ref No: PY/2014/02058)
- 1/4/2014 – 31/5/2015: **Project Member**, Decision-Making Model in Integrating Life Cycle Costing and Green Highway Index, Budget approved RUG, RM 30,000 (Ref No: PY/2014/02253)

- 1/4/2014 – 31/9/2015: **Project Leader**, Building Energy Consumption Model In Relation to Occupant's Behavior. Budget Approved: RUG Tier 1 RM 50,000 (Ref. No: PY/2014/02271)
- 1/4/2014 – 31/3/2016: **Project Member**, Development of Cooling Storage Wall With Application Of Nano Phase Change Material (PCM) Suitable For Housing Development In Malaysia, Budget approved RUG Tier 1, RM 50,000 (Ref No: PY/2014/02682)
- 1/7/2014 – 30/6/2016: **Project Member**, Application of Nano Phase Change Materials (PCM) to Develop cooling wall suitable for passive cooling in building sector of Malaysia, Budget approved MOE, RM 78,2000 (Ref No: PY/2014/03163)

PATENT GRANTED

1. Fast Track Wall (FTW) System – Malaysian Utility Innovation No. PI 20090172
2. SUSCRETE (Patent filing)

Copyright:

1. Rating System for Maintenance of Marine Structure (copyright number: UTM 2008/169/259)
2. Construction Quality Cost Matrix (CQCM)
3. Industrial Reinforced Concrete Analysis and Design Software (IRCAD) Version 1.5

TEACHING ACTIVITIES

Semester	Subject Code	Name of Subject	Credit Hours	Total
DIPLOMA				
95/96-2, 96/97-1	DAW2132	Civil Engineering Construction	2	28 hrs/sem
94/95-2, 95/96-1, 95/96-2	DAW2114	Strength of Materials and Structures	4	56 hrs/sem
DEGREE				
08/09-2, 09/10-2, 10/11-2, 11/12-1, 12/13-1, 12/13-2, 13/14-2	SAB 3112	Contract & Estimating	2	28 hrs/sem
96/97-1, 96/97-2	SAA3052/ SAM1042	Concrete Laboratory	2	28 hrs/sem

95/96-2, 96/97-1	SAA3052/ SAB1042	Structure Laboratory	2	28 hrs/sem
95/96-1, 98/99-2	SKA4132/ SPK4332	Contract Procedures and Estimating	2	28 hrs/sem
96/97-1, 96/97-2, 97/98-2, 98/99-1, 98/99-2, 99/00-1, 99/00-2, 00/01-1	SAW4133/ SAA4133/ SAA3133	Construction Technology and Estimating	3	42 hrs/sem
05/06-1	SAM4123	Construction Technology	3	42 hrs/sem
04/05-1	SAM5113	Construction and Project Management	3	42 hrs/sem
04/05-1, 04/05-2, 05/06-1, 05/06-2, 06/07-1, 06/07-2, 07/08-1, 07/08-2, 08/09-1, 08/09-2, 09/10-1, 10/11-1, 10/11-2, 11/12-1, 11/12-2, 12/13-1, 13/14-1, 13/14-2, 14/15-1	SAM5133/ SAB4133/ SKAA4133	Construction Law and Contract	3	42 hrs/sem
POST-GRADUATE DIPLOMA				
1996&1997	MAA1243	Construction Project Management UTM-LINKEDUA	3	42 hrs/sem
MASTERS				
97/98-1	MAW1243	Construction Project Management UTM, Universitas Bung Hatta	3	30 hrs/sem
00/01-1, 05/06-1, 09/10-1, 09/10-2, 11/12-2	MAW1012/ UAB1012	Principle of Engineering Management	2	28 hrs/sem
04/05-1, 05/06-1, 06/07-1, 07/08-1, 08/09-1, 09/10-1, 09/10-2, 11/12-1, 11/12-2	MAB2023/ MAM1023	Site Management and Safety Control	3	42 hrs/sem
04/05-2, 05/06-2, 06/07-2, 07/08-2, 08/09-2, 10/11-1, 10/11-2, 11/12-2, 12/13-2, 13/14-2, 14/15-1	MAB2043, MAM1043	Construction Law and Contract	3	42 hrs/sem
ENGINEERING DOCTORATE				
05/06-1, 10/11-1, 13/14-1, 14/15-1	EAB 2153	Research Methodology	3	42 hrs/sem

SUPERVISION

PhD Student

Year	No.	Name	Status	Title	Roles of Supervision
2015	1.	NoraziahWahi	On-going	Cost Model for Green Highway Project Development	Main Supervisor
2015	2.	Gholam Reza	On-going	Lean Construction Applications for Sustainable Project Development in Malaysia	Main Supervisor
2015	3.	Ahmadon Bakri	On-going	Safety Assessment for Industrialised Building System Project	Main Supervisor
2015	4.	Anita Sulaiman	On-going	Maintainability Assessment Model of M&E Project	Main Supervisor
2015	5.	Jibrin Hassan Sulaiman	On-going	Building Energy Consumption Model Based on Occupants' Behaviour	Main Supervisor
2015	6.	Saeed Omar Ahmed	On-going	Energy Efficient and Buildable Construction Systems Model	Main Supervisor
2015	7.	Yong Hong Lee	On-going	Model for Assessing Contractor's Green Waste Management	Main Supervisor
2015	8.	Mohammed Tahir Al-ashwal	On-going	Energy Efficient Formwork Systems	Co-Supervisor
2014	9.	Khalid Naji Al-yafei	Graduated	Risk Assessment Model for Construction Project in Oman	Main Supervisor
2013	10.	Mohammadreza Yadollahi	Graduated	Budget Allocation Management Model for Seismic Rehabilitation of Infrastructure Assets	Main Supervisor
2012	11.	Erman Surya Bakti	Graduated	Constructability Database Knowledge	Main Supervisor

				Model and Guidelines of Industrial Plant At Construction Stage	
2012	12.	Shaik Hussein Mydin	Graduated	Quantitative Buildability Assessment System for Building Project	Co-Supervisor
2010	13.	Zulhabri Ismail	Graduated	A Framework for Effective Private Dispute Resolution in the Malaysian Construction Industry	Co-Supervisor (at UiTM)
2010	14.	Chong Heap Yih	Graduated	E-Dispute Resolution Model on Contractual Variations	Main Supervisor

MSc. Student (Research)

Master by Research

Year	No.	Name	Status	Title	Type	Roles of Supervision
2015	1.	Justin Lai	On-going	Business Model for Engineering Consultancy Services	Research	Main Supervisor
2015	2.	Yazlin Salfiza	Graduated	A Framework for Green Highway Implementation in Malaysia	Research	Main Supervisor
2013	3.	Affendi Ismail	Graduated	Weightage factors of Green Highway Assessment	Research	Co-Supervisor
2010	4.	Mukhtar Che Ali	Graduated	Development Of Quantitative Quality Cost Matrix For Malaysian Construction Quality Management System	Research	Main Supervisor

Master Project (Taught Course)

Year	Name/Title	Roles of Supervision
2014	<ol style="list-style-type: none"> 1. Sharan Kumar, Monitoring of Safety Implementation at Constructio Site from Client's Perspective, Universiti Teknologi Malaysia. 2. Hamed Abdullah, Implementation of IBS in Construction Projects in Saudi Arabia, Universiti Teknologi Malaysia. 	Main Supervisor
2013	<ol style="list-style-type: none"> 1. Siti Nurul Asma' Mohd Nashrudin, Maintenance Management of Heritage Buildings in Perak, Universiti Teknologi Malaysia. 2. Norlia Sofa Suraji, Client Perspectives Towards Application of IBS in Private Construction Projects, Universiti Teknologi Malaysia. 3. Siffian Hussin, Design Process Improvement by Integrating Principles of Buildability Knowledge to Monorail Project, Universiti Teknologi Malaysia. 4. Shahril Amran Amir Mohamed, Management of Variation Order in Public Works Department Construction Projects, Universiti Teknologi Malaysia. 5. Farrah Rina Mohd Roshdi, Challenges of Quality Assessment System Implementation in Construction Industry in Malaysia, Universiti Teknologi Malaysia. 6. Mohd Asrul Adnan, Delay Approval in PFI Project in Malaysia, Universiti Teknologi Malaysia. 7. Wan Hanani Wan Hassan, Startegi Meningkatkan Penggunaan Konkrit Praa-tuang di Malaysia, Universiti Teknologi Malaysia. 	Main Supervisor
2012	<ol style="list-style-type: none"> 1. Khorolnizam Mohamad Hussain, Estimation of Energy Saving for the Proposed Government Green Building in Parcel F, Putrajaya. Universiti Teknologi Malaysia. 2. Zarinah Esa. Rehabilitation of Concrete Bridge Pier, Universiti Teknologi Malaysia. 3. Mohd Naim Hamid, Requirements of Value Management at Malaysia Airports Holdings Berhad, Universiti Teknologi Malaysia. 4. Nurol Huda Dahalan, Highway Asset Management System, Universiti Teknologi Malaysia. 5. Nur Hidayah Zainal, Construction Knowledge for Improving Buildability of Slope Construction, Universiti Teknologi Malaysia. 6. Nor Husna Mohd Ghazalee, Electronic Field Data Collection System for Highway Inspection Maintenance, Universiti Teknologi Malaysia. 	Main Supervisor
2011	<ol style="list-style-type: none"> 1. Fadzilah Hatta, Perlaksanaan Pengurusan Projek Sistem Binaan Berindustri di JKR, Universiti Teknologi Malaysia. 	Main Supervisor
2010	<ol style="list-style-type: none"> 1. Mostafa Ghadak Zadeh, Risk Management Implementation in the Iranian Construction Industry, Universiti Teknologi Malaysia. 2. Nursyazwani Mohd Sofi, Critical Compentency for Effective Services in Private Finance Initiative, Universiti Teknologi Malaysia. 3. Nurzalisa Abd Adam, Sistem Perolehan Reka dan Bina Bagi Projek Jabatan Kerja Raya, Universiti Teknologi Malaysia. 4. Mohd Syah Rizal Yahya, Assessment of the Potential Benefits of Four Dimensional Planning and Scheduling Software, Universiti Teknologi Malaysia. 5. Khairulnizam Sulaiman, Strategies for Managing Delay in Mara's Building Construction, Universiti Teknologi Malaysia. 6. Ahmad Azizi Ismail, Penjadualan Projek untuk Pembinaan Jalan di Kawasan 	Main Supervisor

	<p>Berpaya, Universiti Teknologi Malaysia.</p> <p>7. Nur Mala Ismail, Strategies to Enhance the Usage of CAD based Measurement Softwares, Universiti Teknologi Malaysia.</p> <p>8. Samri Embong, Faktor-faktor Kritikal yang Mmepengaruhi Projek-projek JKR, Universiti Teknologi Malaysia.</p>	
2009	<p>1. Mohd Harzazi Harun, Highway Maintenance Management, Universiti Teknologi Malaysia.</p> <p>2. Masoumeh Mosavat, Change Order Causes and Control in the Oil and Gas Construction Projects, Universiti Teknologi Malaysia.</p> <p>3. Lee Foo Wei, Cable Stayed Bridge Construction, Universiti Teknologi Malaysia.</p> <p>4. Mardiyah Zahidi, Bildability in Bridge Construction, Universiti Teknologi Malaysia.</p> <p>5. Nor Suraya Suaid, Web-based Application for Value Management during Construction, Universiti Teknologi Malaysia.</p>	Main Supervisor
2008	<p>1. Mohd Kamarul Izwan, The Causes and Impacts of Poor Construction Documentation in Construction Organizations, Universiti Teknologi Malaysia.</p> <p>2. Waznah Abd. Aziz, Project Health Check, Universiti Teknologi Malaysia.</p> <p>3. Mohammad Nor Ropiah, Punca dan Impak Perubahan Kerja Dalam Projek Milik UDA Holdings Berhad, Universiti Teknologi Malaysia.</p> <p>4. Norazahar Osman, Analisis Kecacatan Semasa Pembinaan dan Kualiti Bangunan di CELCOM, Universiti Teknologi Malaysia.</p>	Main Supervisor
2007	<p>1. Andy Lim Say Wai, Critical Causes of Accidents Under Reporting in Malaysia Construction Industry, Universiti Teknologi Malaysia, 2007</p> <p>2. Nur Khairul Faizah, Building Refurbishment Project in Malaysia, Universiti Teknologi Malaysia.</p> <p>3. Chan Chee Sin, The Effectiveness of Construction Equipment Write-off Policy in the Royal Engineer Regiment (RER), Universiti Teknologi Malaysia.</p> <p>4. Gui Hun Chuen, Quality Performance of ISO Certified Contractors, Universiti Teknologi Malaysia.</p> <p>5. Bakeel Al Thawaba, Safety in Pre-cast Construction, Universiti Teknologi Malaysia.</p> <p>6. Mohamed Taher Al-Ashwal, Safety Cost in Precast Construction, Universiti Teknologi Malaysia.</p> <p>7. Chong Heap Yih, Clarity of Construction Contract, Universiti Teknologi Malaysia.</p>	Main Supervisor
2006	<p>1. Jayaselvi a/p R.Periasamy, Development of Civil and Structural Consultants Performance Evaluation, Universiti Teknologi Malaysia.</p> <p>2. Tan Cai Loon/Caren, Predicting the Performance of Design-Bid-Build Projects: A Neural Network Based Approach, Universiti Teknologi Malaysia.</p> <p>3. Rozita Aris, Maintenance Factors in Building Design, Universiti Teknologi Malaysia, Universiti Teknologi Malaysia.</p> <p>4. Khairil Aizi Mohamad, Faktor-faktor Kejayaan Implementasi Sistem ISO 9000 Dalam Industri Pembinaan Malaysia, Universiti Teknologi Malaysia.</p> <p>5. Fadzilah Ibrahim, Faktor-faktor Kritikal Bagi Pemulihan Projek Perumahan Terbengkalai Di Malaysia, Universiti Teknologi Malaysia, Universiti Teknologi Malaysia.</p> <p>6. Woon Kai Siong, Integrating Constructability into the Design Process, Universiti Teknologi Malaysia, Universiti Teknologi Malaysia.</p> <p>7. Caleb Dumisa Motsa, Managing Construction Disputes, Universiti Teknologi Malaysia, Universiti Teknologi Malaysia.</p>	Main Supervisor

2005	<ol style="list-style-type: none"> 1. Thayalan a/l Supramani, Development of Computerised Maintenance Management System (CMMS) for Ready Mix Concrete Plant Production Facilities. 2. Dennis Then Choo Khun, Development of Contractor's Proposal Process Model in Desgn-Build Procurement. 3. Omar Md. Ludin, Faktor Kejayaan Kaedah Reka dan Bina: Kajian Terhadap Kontraktor Kerjasama. 4. Faridah Abdullah, Kajian Pemulihan Projek Pembangunan Perumahan Terbengkalai Di Wilayah Persekutuan Kuala Lumpur. 5. Dzulkarnaen Ismail, Services Provided by Project Management Consultant in Malaysian Construction Industry. 6. Aftab Hameed Memon, Resource Driven Scheduling: Barriers to Implementation', Universiti Teknologi Malaysia. 7. Mohamad Alwi Mat Zin, Pengurusan Bahan Buangan Pembinaan: Satu Kajian Kes Pembinaan Jalan Simpang Pulai-Lojing-Gua Musang-Kuala Berang. 8. Siti Hafizan Hassan, Design Phase Constructability Concepts in Highway Projects. 	Main Supervisor
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POSTGRADUATE EXAMINATION /VIVA

UTM STUDENTS/VIVA

1. Chairman of the MSc. Viva Panels for Nur'Ain Idris, UTM 2012

PhD EXTERNAL EXAMINER

1. Mukhtar Che Ali, The Integrated Assessment Framework of ISO9001 Quality Management System and Quality Assessment System Towards High Quality Performance, USM, 2015
2. Dzulkarnaen Ismail, Project Management Success for Post-Disaster Reconstruction Projects from the Perspectives of International Government Organizations, USM, 2015.

MSc EXTERNAL EXAMINER

1. Nadzirah Roslan, Mitigation Measures for Controlling Time and Cost Overrun Factors, UTHM 2015
2. Raja Nor Husna Raja Mohd Noor, The Utilisation of Supply Chain in Improving Construction Waste Management: A Case Study in Klang Valley, UiTM 2012
3. Nazipah Ab Rahman, Framework of Key Performance Indicators for Malaysian Construction, UiTM 2010.
4. Mohd. Razaki Abdullah, The Study of Significant Causes and Effects of Construction Delay in Construction Management Procurement Approach: MARA Projects, UTHM 2010.

MSc INTERNAL EXAMINER

1. Mardhiah Zainal Abidin, Evaluation of Noise Exposure on Construction Workers, UTM 2013.
2. Ali Ghasemi, Building Information Modeling for Structural Demolition Planning, UTM 2013.
3. Muhammad Adam Abd. Kadir, Key Performance Indicators for Value Management in Malaysia Construction Industry, UTM 2012.
4. Siti Zulaikha Mohamad Rasid, Carbon Emission of Clay Manufacturing in Malaysia, UTM 2011.
5. Abdul Azim Mohd Samilin, Automated and Integrated Analysis and Design of IBS, UTM 2011.
6. Huda Mastura Hailuddin, The Skills Drainage by Foreign Labour in the Construction Industry, UTM 2011.

PhD INTERNAL EXAMINER

1. Bahman Salami, Structural Models of Effective Factors for BOT Power Plant Projects, UTM 2013.
2. Roohollah Taherkhani, Socila Sustainability in IBS Supply Chain, UTM 2012.
3. Zawiyah Abdul Razak, Telecommunication Towers Assessment System Considering Earthquake Effects in Malaysia, UTM 2012.

PUBLICATIONS

JOURNAL

ISI Journal:

1. Heap-Yih Chong and **Rosli Mohamad Zin**, A Case Study into the Language Structure of Construction Standard Form in Malaysia, *International Journal of Project Management*, Volume 28, Issue 6, Pages 601-608, Elsevier, 2010. **IF:1.78**.
2. Heap Yih Chong, **Rosli Mohamad Zin**, and Siong Choy Chong. Employing Data Warehouse for Contract Administration: e-dispute Resolution Prototype. *Journal of Construction Engineering and Management*. Vol. 139, No.6, pp. 611-619, ASCE, 2013 **IF:0.876**.
3. Mohammadreza Yadollahi and **Rosli Mohamad Zin**. Multi-strategy Budget Allocation Decision Support System for Seismic Rehabilitation of Road Infrastructure. *Structure and Infrastructure Engineering: Maintenance, Management, Life-Cycle Design and Performance*. Vol.10, No.2, pp. 239-260, Taylor&Francis, 2014 **IF:2.805**.
4. Mohammad Farid Alvansaz Yazdi, Rozana Zakaria, Mushairry Mustaffar, Muhd Zaimi Abd. Majid, **Rosli Mohamad Zin**, Mohamad Ismail, Khairulzan Yahya. Bio

- Composite Materials Potential in Enhancing Sustainable Construction. *DESWATER*. Vol. 52, No. 19-21, pp. 3631-3636, 2014, **IF:0.852**.
5. Amirreza Talaiekhosani, Ali Keyvanfar, Ramin Andalib, Mostafa Samadi, Arezou Shafaghat, Hesam Kamyab, M.Z. Abd Majid, **Rosli Mohamad Zin**, Mohamad Ali Fulazzaky, Chew Tin Lee, Mohd Warid Hussin. Application of Proteus Mirabilis and Proteus Vulgaris Mixture to Design Self-healing Concrete. *DESWATER*. Vol. 52, No. 19-21, pp. 3623-3630, 2014, **IF:0.852**.
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3. Introduction to Project Planning & Microsoft Project, 3-5 June 2003, Hotel Grand Season, Kuala Lumpur. Organizer: CIDB EConstruct Sdn. Bhd.
4. Introduction to Project Planning & Microsoft Project, 28-29 July 2003, Hotel Grand Season, Kuala Lumpur. Organizer: CIDB EConstruct Sdn. Bhd.
5. Introduction to Project Planning & Microsoft Project, 8-10 September 2003, Menara Ansar Johor Bahru. Organizer: CIDB EConstruct Sdn. Bhd.
6. Introduction to Project Planning & Microsoft Project, 15-17 December 2003, Menara Ansar Johor Bahru. Organizer: CIDB EConstruct Sdn. Bhd.
7. Introduction to Project Planning & Microsoft Project, 21-23 Oktober 2003, Digital Village Alor Setar. Organizer: CIDB EConstruct Sdn. Bhd.
8. Introduction to Project Planning & Microsoft Project, 15-16 January 2004, Hotel Grand Season Kuala Lumpur. Organizer: CIDB EConstruct Sdn. Bhd.
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11. Advanced Project Planning & Microsoft Project, 1-2 April 2004, Hotel Grand Season Kuala Lumpur. Organizer: CIDB EConstruct Sdn. Bhd.
12. Apply Contract & Specification, Program Kemahiran Pelukis Pelan, 30 March 2004, Universiti Teknologi Malaysia

13. Pengurusan Projek Binaan, 15 June 2005, Program Sijil Professional, Universiti Teknologi Malaysia
14. Mastering Project Planning and Scheduling with Microsoft Project, 1-2 September 2007, Universiti Teknologi Malaysia
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20. How to Get Yourself Employed, September 2008, Fakulti Kejuruteraan Awam, UTM
21. Project Planning and Scheduling, Summer School Programme, June 2010, Universiti Teknologi Sepuluh Nopember, Surabaya
22. Kursus Penulisan Laporan Teknikal untuk Pegawai Jabatan Pengajian Politeknik, 28 September 2010 – 1 Oktober 2010, Politeknik Johor Bahru. Organizer: Estee Resources
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1. Invited Speaker, Title: Malaysia Green Highway Index, 26 May 2015, anjuran PIECE 2015, Matrade Exhibition and Convention Centre, Kuala Lumpur.
2. Invited Speaker, Title: Construction Safety, 14 Disember 2004, anjuran NIOSH Wilayah Selatan.
3. Invited Speaker, Title: Pengenalan kepada MS Project dan Kursus ICT, 28 February 2004, Sunway Hotel, Pulau Pinang, anjuran Lembaga Perindustrian Pembinaan Malaysia.
4. Invited Speaker, Title: Constructability, Kolokium, Jabatan Struktur & Bahan, 14 February 2005, FKA, Universiti Teknologi Malaysia.
5. Invited Speaker, Title: Construction Contract Management, Seminar Pengurusan Projek anjuran PDRM & CTMC, 9 May 2006, Desaru Golden Beach Hotel, Johor.
6. 14 February 2005, FKA, Universiti Teknologi Malaysia.
7. Invited Speaker, Title: Project Planning, Seminar Pemantauan Projek RMK-9 dan Pelancaran Sistem e-SPP Universiti Teknologi Malaysia, 9 July 2009, Dewan Senat, UTM Skudai.

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