



## ASSOC. PROF. Sr DR. MOHD SAIDIN MISNAN, CQS

### PROFILE

**Sr Dr. Mohd Saidin Misnan** is an Associate Professor in the Department of Quantity Surveying, Faculty of Built Environment and Surveying (FBES/FABU), Universiti Teknologi Malaysia. He holds a Bachelor Degree (Quantity Surveying) from Universiti Teknologi Malaysia, Master of Science (Project Management) from Universiti Sains Malaysia and obtained his PhD (Facilities Management) from Universiti Teknologi Malaysia. His areas of research, publication, and supervision interests include project, construction, facilities and infrastructure management, health, safety and environment in the construction, sociology in construction industry and quantity surveying practice. He has 26 years of experience as an academician, especially lecturing in construction technology, professional practice and project management. He is a Consultant Quantity Surveyor, Board of Quantity Surveyor, Malaysia (BQSM), Member Royal Institutions of Surveyor, Malaysia (RISM), (Professional Surveyor), Chartered Surveyor, Royal Institution of Chartered Surveyor (RICS, UK), and Member, Institute of Value Management, Malaysia (IVMM). He is presently a Lab Manager and Health, Safety and Environmental Advisor (HSEA), and was previously Safety and Health Officer (SHO), Facility Manager and IT Manager at the Faculty of Built Environment and Surveying. He is also supervising numerous postgraduate research students at the Masters and PhD level. He was the recipient of the Canselor Award in 2009 for his PhD studies. Over the years since 1997, Sr Dr. Mohd Saidin Misnan has active conducted many short courses to the industries in the area of construction entrepreneurship, project management, safety and health management, facilities dan human resource in construction, project estimating and building maintenance. His areas of specialisation include construction project management, construction sociology, construction safety, building construction forensic, and facilities management. Sr Dr. Mohd Saidin Misnan also involves in various consultancy projects as Consultant Quantity Surveyor for government and private projects.

### PERSONAL DETAILS

**Name** : **MOHD SAIDIN MISNAN**  
**Gender** : Male  
**Nationality** : Malaysian  
**Marital Status** : Married  
**Date of Birth** : 13 January 1971  
**Correspondent Address** : Faculty of Built Environment & Surveying, Universiti Teknologi Malaysia, 81310 UTM, Johor Bahru, Johor, MALAYSIA.  
**Tel** : (Office): +607-5537343; (H/P): +6012-7081664; (Fax): +607-5566155  
**E-mail** : b-saidin@utm.my; saidinmisnan@yahoo.com  
**Website** : <http://builtsurvey.utm.my/saidin>; [people.utm.my/saidin/](http://people.utm.my/saidin/)  
**Researcher ID** : K-6747-2012, Scopus ID: 55217506300, orcid.org/0000-0002-3465-0023

### ACADEMIC QUALIFICATION

March 2009 : Ph.D. (Facilities Management), Universiti Teknologi Malaysia  
 Thesis Title: *Safety Culture Development Model in Malaysian Construction Industry*

August 1997 : Master of Science (Project Management), Universiti Sains Malaysia  
 Thesis Title: *Safety Management in Construction Site*

August 1994 : Bachelor in Quantity Surveying, Universiti Teknologi Malaysia

Sept. 1992 : Diploma in Quantity Surveying, Universiti Teknologi Malaysia

### COMPETENCIES QUALIFICATION

Dec. 2008 : Certificate in Safety and Health Officer (SHO) (National Institute Occupational Safety and Health, Malaysia, NIOSH). SHO2763-I (Pass SHO Examination)

## AREAS OF SPECIALIZATION

1. Project/Construction/Facilities/Infrastructure Management
2. Construction Safety
3. Sociology in Construction Industry
4. Building construction forensic
5. Quantity Surveying Practice

## CAREER PATH & PROFESSIONAL EXPERIENCE

- 1 Oct. 20-Sept. 2022 **Health, Safety and Environmental Advisor** (HSEA), FABU
- July 2020-Present **RG Leader**, Construction Economic, Law, Procurement (Research Group under Energy RSA), UTM
- Jan. 2019- Dec. 2020 **Lab Manager**, Faculty of Built Environment & Surveying UTM
- 2018-Present **Associate Professor**, Department of Quantity Surveying, UTM.
- Jan. 2018-Dec. 2020 **Visiting Professor**, Universitas Bung Hatta, Padang, Sumatera Barat, Indonesia
- 2011-June 2018 **Safety and Health Officer** (SHO), FAB
- 2010- Present **Trainer**, CIDB Training Panel, Construction Industry Development Board (CIDB), Ministry of Works, Malaysia; **Trainer**, UTMSPACE  
**Quantity Surveyor**, Institut Sultan Iskandar, Universiti Teknologi Malaysia
- 2009- 2018 **Senior Lecturer**, Department of Quantity Surveying, UTM.  
**Quantity Surveyor**, UTSB, Universiti Teknologi Malaysia
- Jan. 2000-Dec. 2017 **Visiting Lecturer**, Universitas Bung Hatta, Padang, Sumatera Barat, Indonesia
- Jan-Dec. 2002 **Visiting Lecturer**, Kolej Teknologi Binaan, YPJ, Johor
- June. 1997- 2009 **Lecturer**, Department of Quantity Surveying, UTM.
- Sept. 1994- 1996 **Tutor**, Department of Quantity Surveying, UTM.  
**Quantity Surveyor**, UTSB, Universiti Teknologi Malaysia
- 1994 (July-Sept) **Lecturer (Part-Time)** Department of Quantity Surveying, Universiti Teknologi Malaysia

## PROFESSIONAL MEMBERSHIP/ QUALIFICATION / RECOGNITION

### International

1. Professional Chartered Surveyor, Royal Institution of Chartered Surveyors, UK (MRICS, 6520732).

### National

1. Member, The Royal Institution of Surveyors, Malaysia (MRISM, M2978).
2. Consultant Quantity Surveyor, Board of Quantity Surveyors Malaysia (2006/CQS01313).
3. Member, Institute of Value Management, Malaysia (IVMM, M00186).
4. Member/Facilitator, Biro Tatanegara, Prime Minister Department, Membership No. J-0972-S12 (1 Jan. 2003-present)
5. 2nd. Lieutenant, Reserve Team Division, Royal Malaysian Navy (PSSTLDM), KD Seri Medini, Johor. ID. 8700707 (8 Nov. 1997-31 Dec. 2002)

## ADMINISTRATIVE EXPERIENCES

### Major Administrative Appointments

1. Health, Safety and Environmental Advisor (HSEA), Faculty of Built Environment and Surveying (1 Oct. 2020- 30 Sept. 2022)

2. Secretary, Health, Safety and Environmental Committee (OHSEC), Faculty of Built Environment and Surveying (1 Oct. 2020- 30 Sept. 2022)
3. Head, Construction Economic, Law, Procurement Research Group (under Energy RSA), UTM (5 July 2020-Present)
4. Lab Manager, Faculty of Built Environment & Surveying UTM (1 Jan. 2019- 31 Dec. 2020)
5. Safety and Health Officer (SHO), Faculty of Built Environment (1 June 2011- 31. June 2018)
6. Facility Manager, FAB, UTM (16 Oct. 2016- 31 June 2018)
7. IT Manager, Faculty of Built Environment, UTM. (1 Jan. 2012-31 Dec. 2013)
8. Deputy Director, Centre of Real Estate Studies CRES, FGHT, UTM. (1 Dec. 2009- 30 Nov. 2012)
9. Manager, Building Information Centre, Faculty of Built Environment. (Sept. 1994-Aug.1996)

#### University Level

1. Lead Auditor, Internal Audit for MS45001:2018 UTM OSHE. (18- 23 Dec. 2020)
2. Panel Auditor for Safety and Health Award 2019 UTM. (2 Feb. - 31 May 2020)
3. Member, Quotation Technical Evaluation Committee, RMC UTM. (1 Oct. 2019 -30 Sept. 2021)
4. Deputy Incident Commander, ERT, FABU, UTM. (1 Oct. 2018-30 Sept. 2020)
5. Trainer, OSHE Module, Profesional Skills Certificate (for Graduation) (1 Jan 2018-present)
6. Panel Auditor for Anugerah Keselamatan dan Kesihatan 2018 UTM. (7 July 2012 -31 May 2019)
7. Head, OSHE Trainer Module, Profesional Skills Certificate UTM-SPACEUTM, (1 Jan 2018-present).
8. Committee, ALUMNI UTM. (5 July 2014 July 2017)
9. Quantity Surveyor, Projek LATA JERNIH, Hutan Rekreasi, UTM Johor Bahru. (1 May- 31 July 2017)
10. Advisor, Persatuan Mahasiswa Ukur Bahan dan Pembinaan (QS-BINA), UTM. (1 Jan. 2013-present)
11. Committee Member, New Academia-Learning Innovation, UTM. (1 Jan. – 31 Dec. 2013)
12. Committee Member, Preparation of Special Examination Technician Syllabus to Assistant Engineer and Assistant Quantity Surveyor J29 (Scheme J) (1 June. - 31 Dec. 2012)
13. Auditor Committee Member, Preparation of Special Examination Technician Syllabus to Assistant Engineer and Assistant Quantity Surveyor J29 (Scheme J). (1 Okt. - 31 Dec. 2012)
14. Project Team, SOLAR Decathlon China 2013. (1 March 2012- 5 Dec. 2013)
15. Panel Auditor for Preparation of Special Examination Technician Syllabus to Assistant Engineer and Assistant Quantity Surveyor J29 (Scheme J). UTM. (2011)
16. Member, Marketing Team of UTM Johor Bahru. (2009-2012)
17. Committee Member (Generic Skills), UTM. (1 July 2009-30 July 2011)
18. Main Committee Member, Information Technology Awards 2010, Majlis Citra Karisma, UTM (2011)
19. Excellent Student Programme Main Committee, UTM. (9 Oct. 2009-Dec. 2011)
20. Panel of Professional Development Programme, Degree++, UTM. (2007)
21. Quantity Surveyor, Project Wakaf, Faculty of Built Environment, UTM. (June 2005-July 2006)
22. Committee, Alumni UTM, Faculty of Built Environment, UTM. (2001-2006)
23. Felo, Kolej Rahman Putra, Universiti Teknologi Malaysia. (1 August 1999-31 July 2001)

#### Faculty Level

1. Secretary, Occupational Safety, Health, Environmental Committee, FABU. 1 Oct. 2020- 31 Sept. 2022
2. Deputy Incident Commander FABU. 1 Oct. 2020- 31 Sept. 2022
3. Member, Committee for Academic FABU, UTM. (1 Sept. 2020-31 July 2022)
4. Chairman, SubCommittee for Pelupusan Aset Alih Makmal, FABU, UTM. (29 July 2020-30 July 2022)
5. Chairman, Quotation / Tender Technical Evaluation Committee FABU, UTM. (25 June 2020-26 June 2022)
6. Chairman, Quotation / Tender Technical Specification Preparation Committee FABU, UTM. (25 June 2020-26 June 2022)
7. Member, Committee for Pelupusan Aset Alih FABU, UTM. (10 July 2020-11 July 2022)
8. Deputy Incident Commander ERT, FABU, UTM. (1 Oct. 2018-30 Sept. 2020)
9. Advisor, Student Society (QS BINA), UTM. 1 Jan. 2013- 31 Dec. 2019; 1 Jan. 2020-31 Dec 2021)
10. Safety and Health Officer (SHO), FAB (1 June 2011- 31. June 2018)
11. Coordinator, "First Year Experience (FYE)" Programme FAB, UTM. 1 Sept. 2016- Present
12. Secretary, Occupational Safety, Health, Environmental Committee, FAB. 1 June 2015- 31 June 2018
13. Chairman, Badan Kebajikan Fakulti Alam Bina, UTM. (1 Jan. 2014-31. July 2016)
14. Deputy Incident Commander Blok B11, FAB, UTM. (1 Jan. 2014-31. Dec 2015)
15. Coordinator, Bachelor of Construction (Part Time), (1 Feb. 2014-31 Jan. 2020).
16. Internal Auditor, ISO Programme, Faculty of Built Environment. 1 April 2013-31 Dec. 2015
17. Internal ISO Auditor, Faculty of Built Environment. 1 Jan 2005-31 Dec. 2013
18. Landscape Committee, (1 Jan. 2011-31 Dec. 2013)
19. Head, Marketing Team of FAB, UTM. (Jan. 2011-31 Sept. 2012)

20. Coordinator, Industrial Training. (1 Dec. 2009- 30 Nov. 2011)
21. Treasurer, Badan Kebajikan. (6 Oct. 2009 - 5 Oct. 2011)
22. QS, Landscape Committee Project. (17 August 2010-Present)
23. Head, QS Training Team, UTM & CIDB, Vot 568 UTSB. (15 March 2012-Present)
24. Acting Head of Department (Quantity Surveying. 7 Nov. 2010- 8 Dec. 2010)
25. Head, Building Information Centre (BIC), 1 July 2009-30 May 2011)
26. Acting Course Director (Quantity Surveying. (10 Nov. 2009- 20 Dec. 2009)
27. Student-Lecturer Committee, Dept. of Quantity Surveying, FAB, UTM. (1 July 2009-30 July 2011)
28. Coordinator, Part Time (Bachelor of Quantity Surveying), (Sept. 2003-Dec. 2005)
29. Coordinator, Part Time (Bachelor of Building), (Sept. 2004-May 2005)
30. Committee, Curriculum for Bachelor of Quantity Surveying (August 2002-August 2004).
31. Committee, Accreditation for Bachelor of Quantity Surveying, (August 2002-2004)
32. Acting Head of Dept. (Part Time Programme (5 Feb. - 31 March 2001).
33. Committee, Alumni UTM, Faculty of Built Environment, UTM. (2001-2006)
34. Coordinator Committee, Diploma in Quantity Surveying (1999-2004).
35. Advisor, QS Bina Student Society, Faculty of Built Environment, UTM. (1999-2005)
36. Coordinator, Part Time (Diploma in Quantity Surveying. (1999- 2004)
37. Coordinator, Industrial Training, Dept. of Quantity Surveying. (1998-99)
38. Coordinator, Seminar and Short Courses, Dept. of Quantity Surveying. (1997-1999)

## **OTHERS EXPERIENCES**

### **National Level**

1. SubCommittee Membership and Qualification Review, Institution of Surveyor Malaysia (ISM) (1998)
2. Coordinator Seminar and and Short Courses UTM-CIDB Malaysia (1999)
3. Panel Penilai Skim Assessment of Professional Competence (APC) 2020, Board of QS Malaysia.

## **AWARDS AND HONORS RECEIVED**

### **Research Awards**

1. Innovation Award, Annual Dinner 2018, Board of Quantity Surveyor Malaysia, Ministry of Work. 22 Oct. 2018.
2. Gold Medal Award, (Multi Function Green Interlocking Mortar-LOCKBLOCK) Seoul International Invention Fair (SIIF2016), COEX Seoul, Korea. 1-4 Nov. 2016

### **Exhibition Awards**

1. Gold Medal, 18th Industrial Art & Technology Exhibition (NALI2018), UTM. (24-26 Oct. 2018)
2. Gold Medal, 18th Industrial Art & Technology Exhibition (INATEX 2016), UTM. 4-6 Oct. 2016
3. Gold Medal, International University Carnival on eLearning (IUCEL 2016), Kementerian Pengajian Tinggi (KPT). (20-21 Sept. 2016)
4. Bronze Medal, 15th Industrial Art & Technology Exhibition (INATEX 2013), UTM. (2 Oct. 2013)

### **Other Awards**

1. Excellent Service Award 2020, Faculty of Built Environment & Surveying. (8 Dec. 2020)
2. Tokoh Pemikir, Gabungan Pelajar Melayu Semenanjung (GPMS) Negeri Johor 2013.
3. Excellent Service Award 2014, UTM, Majlis Citra Karisma. (7 June 2015)
4. Marquis Who's and Who in The World 2011-2013 (2011-2013)
5. Excellent Service Award 2010, UTM, Majlis Citra Karisma. (7 July 2011)
6. Chancellor's Award, UTM 43th Convocation, Universiti Teknologi Malaysia. (15 August 2009)
7. Best Student Award (PhD in Facilities Management), UTM 43th Convocation 2009, Universiti Teknologi Malaysia. (15 August 2009)
8. Excellent Service Award 2001, UTM, Majlis Citra Karisma. (7 May 2002)

## **INTERNATIONAL & NATIONAL COMMITTEE**

### **International Committee**

1. Treasurer and International Technical Committee, The 1st International Conference on Construction Industry 2006 (ICCI 2006), Padang, Sumatera Barat, Indonesia, 21-25th. June 2006.
2. Treasurer and International Technical Committee, The 2nd International Conference on Construction Industry 2009 (ICCI 2009), Padang, Sumatera Barat, Indonesia, 30-31 July 2009.

- Secretary and International Technical Committee, The 3rd International Conference on Construction Industry 2012 (ICCI 2012), Padang, Sumatera Barat, Indonesia, 10-11 March 2012.
- International Technical Committee, 2014 IEEE Colloquium on Humanities, Science and Engineering (CHUSER 2014). 7 - 9 April 2014, Penang, Malaysia.

#### National Level

- Advisor, Gabungan Pelajar Melayu Semenanjung (GPMS) Negeri Johor (1 Jan. 2013-31 Dec. 2015)
- Advisory Arbitration Panel, Consultant QS, Che Man Che Mud & Co. (1 Nov. 2012-Dec. 2015)
- Appointment as Safety Advisory Committee for EDL Expressway Project, Malaysia Highway Authority LLM, Johor, 24 April 2013.
- Member for Training Development Skills Committee (Training Advisory Panel) IKBN Chembong, Negeri Sembilan, Ministry of Youth, Malaysia. (10 Jan. 2010-10 Jan. 2013).
- Forensic Team**, Forensic Engineering and Structural Investigation on Middle Ring Road 2 (MRR2) Kepong, Selangor, Anti-Corruption Commission (SPRM) Malaysia. (24 Jan. -31 March 2005)
- Member/Facilitator, Biro Tatanegara, Prime Minister Department, Membership No. J-0972-S12. (1 January 2003-Present)
- Quantity Surveyor, Project Surau Taman Desa Skudai, (April- May 1999-March 2002)
- Quantity Surveyor, Project Stage & Dewan Serbaguna Sek. Men Taman Ungku Tun Aminah. (April-May 1999-March 2002)
- Quantity Surveyor, Project Canteen Sek. Men Taman Ungku Tun Aminah. (April- May 1999-March 2002)
- 2nd. Lieutenant, Reserve Team Division, Royal Malaysian Navy, PSSTLDM), KD Seri Medini, Johor Bahru (Jan. 1997-Dec. 2002)
- Committee, Science and Technology Exhibition Week, Negeri Johor (23 April 1996)
- Quantity Surveyor, Project Surau Sek. Keb. Taman Ungku Tun Aminah, Johor Bahru (Feb-April 1996)

#### Community Level

- Deputy Chairman, Residence Committee Taman Pulau Bayu, Skudai. (1 Sept. 2019-30 Aug. 2021)
- Treasurer, Residence Committee Taman Pulau Bayu, Skudai. (1 Sept. 2016-30 Aug. 2019)
- Deputy Chairman, Residence Committee Taman Pulau Bayu, Skudai. (1 Feb. 2016-31 Aug. 2016)
- Deputy Treasurer, Residence Committee Taman Pulau Bayu, Skudai. (1 Sept. 2015-31 Jan. 2016)

### JOURNAL EDITOR/EDITORIAL/ADVISORY PANEL/REVIEWER/ASSESSOR

#### International

- Editorial Board Member**, *International Journal of Real Estate (INTREST)*, (1 October 2009- Dec. 2013) (*Presently known as Malaysian Journal of Real Estate MaJORE*).
- Editorial Board Member**, *Int. Journal of Forensic Engineering and Management*, (12<sup>th</sup>. August 2012-Present).
- Editorial Review Board Member**, *EMERALD Smart and Sustainable Built Environment SASBE Journal*, ISSN: 2046-6099, (1<sup>st</sup> August 2012-Present).
- Editorial Board Member**, *FutureTech International Journal of Science and Technology- FIJST*, (31st July 2013-Present).
- Editorial Board Member**, *Journal of Engineering, Design and Technology- JEDT*, (1st August 2010-Present).
- Editorial Board Member**, *Online Journal of Environmental Science and Natural Resources*, OJESNR. ISSN 2408-8633.
- Editorial Review Board Member**, *Journal of Civil Engineering and Architecture*, USA. David Publishing Company, ISSN 1934-7359. (21 Sept 2011-Present).
- Editorial Review Board Member**, *Journal of Construction in Developing Countries (JCDC)*. ISSN: 2180-4222. (1st August 2010-Present)
- Editorial Board Member**, *Journal of Infra Structure Development CSID-JID*
- Review Board Member**, *Jurnal Teknologi*. E-ISSN: 2180-3722, (Jan. 2014-Present).
- Editorial Board Member**, *International Journal of Reflective Research in Social Sciences* (25 Feb. 2018-Present)
- Editor Member**, *American Journal of Environmental Sciences AJES*. (14 Feb. 2019-Present)
- Associate Editor**, *Sains Humanika*, e-ISSN 2289-2996 (1 July 2020-Present)

#### Reviewer Panel (Journals and conference papers)

- Journal of Construction in Developing Countries (JCDC)
- Journal of Civil Engineering and Architecture

3. Journal of Engineering, Design and Technology (JEDT)
4. *National Conference on Construction Industry 2001(NACID 2001)*
5. First International Conference on Construction Industry 2006 (ICCI 2006).
6. Second International Conference on Construction Industry 2009 (ICCI 2009).
7. Third International Conference on Construction Industry (ICCI 2012)
8. IEEE Symposium on Humanities, Science and Engineering 2013 (SHUSER 2013)
9. *2012 IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER)*.
10. 2013 IEEE Business, Engineering and Industrial Applications Colloquium.
11. Jurnal Teknologi
12. CSSR 2015 - 2nd International Conference on Science and Social Research.
13. MALSIP 2015 - 2015 International Conference on Machine learning and Signal Processing.
14. 2015 International Colloquium of Art and Design Education Research (i-CADER 2015).
15. ISTMET 2015: 2nd International Symposium on Technology Management & Emerging Technologies.
16. **2016** Recent Research in Social Sciences International Conference (SOCSIC)
17. 2016 International Conference on Social Sciences and Humanities (SOSHUM 2016).
18. 2016 International Conference on Education (ICOED)
19. 2016 Advanced Research on Business, Management and Humanities (ARBUHUM2016)
20. InConSET2016 International Conference on Sustainable Engineering & Technology 2016.
21. 2016 WORLD INTERNATIONAL CONFERENCE ON ISLAMIC SCIENCES (WICOIS)
22. SYSSARM 2017 - 2017 2nd International Symposium on Social Sciences, Arts and Humanities
23. 2017 3rd International Conference on Business, Management, Tourism and Hospitality (**BIZMATOUR**).
24. 2017 2nd International Conference on Information in Business and Technology Management (I2BM)
25. 2017 Advanced Research on Business, Management and Humanities (ARBUHUM2017)
26. International Conference on Built Environment and Engineering IConBEE2018 (IConBEE2018)
27. *1st International Graduate Conference of Built Environment and Surveying 2019 (GBES 2019)* UTM, Johor, Malaysia, 2019
28. 56th Annual Associated Schools of Construction International Conference, **2020**

#### **Book Reviewer**

1. Science and Technology Encyclopedia, *Door*, Penerbit UTM, Johor Bahru, 2002.
2. Md. Said @ Mohd. Zaid Abdullah dan Ismail Omar (2012), *Pembangunan Tanah & Halangannya*, Penerbit UTM, Johor Bahru, ISBN 978-983-52-0835-5. (Julai 2010)
3. Norazilan Mazahar (2015), *Pengurusan Perolehan Sebut Harga dan Tender Konvensional*, Penerbit UTHM, Batu Pahat, ISBN 978-967-2183-52-5. (Julai 2015)

#### **TECHNICAL ADVISOR**

1. Malaysian Anti-Corruption Commission (SPRM) Malaysia, Forensic Engineering and Structural Investigation on Middle Ring Road 2 (MRR2) Kepong, Selangor, **QS Forensic Team**, (24 Jan. -31 March 2005).
2. Malaysia Highway Authority (Lembaga Lebuhraya Malaysia LLM), Johor, **Safety Advisory Committee** for EDL Expressway, (24 April 2013).
3. Institut Kemahiran Belia Negara Chembong, Kementerian Belia dan Sukan, Malaysia. Appointment as Member for Training Development Skills Committee. (10 Jan. 2010-10 Jan. 2013).

#### **TEACHING ACTIVITIES AND EXPERIENCES**

##### **Postgraduate (*Masters by Coursework*)**

Site Management and Safety Control, Quantification, Documentation & Construction Estimating, Procurement & Contract Management, Project Management, Science & Technical Research Methodology, Safety Health & Environmental Management, Facilities Management, Change Management.

##### **Undergraduate Teaching**

Construction Measurement, KajiGunaan, Construction Technology, Introduction to Computer, Building Services, Construction Measurement (Mechanical & Electrical), Final Project, Civil Engineering Technology, Building Maintenance, Construction Project Management, Research Methodology, Professional Practice & Procedure, Principles of Management, Marketing, Entrepreneurship, Construction Safety, Civil Engineering Construction Measurement, Construction Project Management, Introduction to Built Environment, Graduates Success Attributes

## RESEARCH GRANT

### International Contract Research Projects

1. ISI-IUIU Uganda Consultancy Project for Campus Development, **Asstn. Head QS**, Vot ISI, UTM & Islamic University in Uganda. RM20,000.00. (1 July 2020-31 Dec 2020).

### Contract Research Projects

1. Forensic Engineering and Structural Investigation on Middle Ring Road 2 (MRR2) Kepong, Selangor, for Malaysian Anti-Corruption Commission (SPRM) Malaysia. **QS Forensic Team**, (24 Jan. -31 March 2005).
2. Projek Pembangunan Bahan Pengajaran Ukur Bahan- UTMSPACE (CourseWare). **Project Expert Leader, Aspati Sdn. Bhd**, (1 Oct. 2008-31 Dec 2009)
3. Data Base: Material & Labour Costs, **Project Member**, Vot RMC 68852, UTM & Pakatan Ukur Bahan Sdn. Bhd. RM10,000.00. (1 July 2003-31 March 2007).
4. Building Cost Index, **Project Member**, Vot RMC 68854, UTM & Pakatan Ukur Bahan Sdn. Bhd. RM10,000.00 (1 July 2003-31 March 2007)
5. Guidelines for the Quantity Surveying Services, **Project Member**, Vot RMC 68853, UTM & Pakatan Ukur Bahan Sdn. Bhd. RM10,000.00. (1 July 2003-31 March 2007)

### Government Funded Projects (MOSTI/MOHE/MOA)

1. Determining Critical Success Factors for The Implementation of Facilities Management in Healthcare Industry Using Interpretive Structural Modelling. **Project Member**, 1 Nov 2020- 31 Oct. 2022. RM83,200.00, FRGS/1/2020/SS02/UTM/02/1
2. Asset Income Optimization in Higher Education. **Project Member**, R.J130000.7751.4J343. (1 Aug. 2018-31 Aug. 2019) Trans Research Grant (TRG)
3. Occupational Safety and Health Knowledge-Based Decision Support System (OCSHEDES) for Facilitating Effective OSH Management in Building Construction Project. **Project Member**, (01/01/2019 - 31/03/2021), RM67,200.00, FRGS/1/2018/SSI11/UTHM/03/1
4. Prototype Development of Integrated Building Damage Assessment (I- Flood) For Improving Post Disaster Building Rehabilitation. **Project Member**, RM55,120.00. R.J130000.7811.4L692 (15 Aug. 2017-14 Aug. 2019) Prototype Research Grant Scheme (PRGS Fund)
5. Development of a Prototype System for Implementing Virtual Design & Construction (VDC) Technologies in Quantity Extraction of Engineering Services in Green Building. **Project Member**, RM84,800.00. R.J130000.7821.4L693 (15 Aug. 2017-14 Aug. 2019) (PRGS Fund)
6. A Framework for Developing Incentive Schemes to Promote the Green Building (GB) Market in the Asia Pacific Region (Hong Kong, Indonesia and Malaysia) **Project Member**, RM98,000.00, FRGS/2/2013/SS03/UTM/01/1, (01/09/2013-31/10/2015)

### Institutional Funded Projects (UTM) Universiti

1. Modular Coordination and Waste Valorisation Towards Achieving Sustainable Housing, **Project Member**, UTM-TDR47: RM212,000.00 (1 Dec 2018-30 Nov. 2020)
2. Framework of Safety Management Performance for Lower Grade Contractor in Construction Industry in Malaysia. **Project Leader**, RM30,000.00. Q.J130000.2521.20H57 (1 Feb. 2018-31 Jan. 2020)
3. Development of Biocement Using Ex-Situ Mixing Technique for Construction, **Project Member**, RM50,000.00. Q.J130000.2521.19H63 (1 Feb. 2018-31 Jan. 2020)
4. Safety Climate Framework for Malaysian Construction Projects. **Project Member**, RM20,000.00. Q.J130000.2621.14J67 (1 July 2017-30 Sept. 2018)
5. RFID-Based Property and Evidence Tracking System for Post Disaster Building Assessment. **Project Member**, RM70,000.00. R.J130000.7821.4F701 (1 April 2015-31 Mac 2016)
6. Framework For Assessing Whole Life Costing (WLC) of Solar Energy Technologies in Public Buildings, **Project Member**, RM89,000.00. R.J130000.7821.4F642. (1 Dec. 2014-28 Feb. 2017).
7. A Structured Critical Success Factors Model for Project Quality Management System in Construction, **Project Member**, RM40,000.00. Q.J130000.2527.07H49. (1 April 2014-31 March 2016)
8. Whole Life Costing (WLC) for Building Services Works as Contribution to Sustainable Construction in Malaysia, **Project Member**, RM40,000.00. Q.J130000.2521.07H34. (1 April 2014-31 June 2016)
9. Kompetensi Khusus Berstruktur Bagi Pengurus Projek Bangunan Hijau di Malaysia, **Project Member**, RM78,000.00, R.J130000.7827.4F286. (16 Dec.2013-15 Dec. 2015)
10. Exploring The Risk Management Model for Tender Evaluation of JKR Projects, **Project Member**, RM20,400.00, Q.J130000.2621.09J96. 1 April 2014-30 June 2015

11. Kompetensi Khusus Berstruktur bagi Pengurusan Kos Penyelenggaraan Bangunan Masjid di Malaysia. **Project Leader**, RMC FRGS, RM20,000.00. Q.J130000.2521.08H92. 1 July 2014-30 June 2015
12. Sustaining Value For Money in Engineering Services Through Standard Method of Measurement. **Project Member**, RMC GUP, RM141,000.00. Q.J130000.7101.02H06. 1 April 2011-31 March 2014
13. The Development of Maintenance Culture in Public Buildings. **Project Leader**, RMC GUP, RM111,000.00. Q.J130000.7121.02H10 (1 April 2011-31 Mar. 2013)
14. Organisational Readiness for the Implementation of the Government Asset Management Policy, **Project Leader**, RMC UTM 77287. RM10,000.00. (15 Dec. 2009-14 Dec. 2011)
15. The Identification of Factors That Influence the Development of Quality Culture in the Construction Firms, **Project Member**, RMC UTM 77266. RM10,000.00. (15 Dec. 2009-24 May 2011)
16. Study on The Cost of Management and Planning of Site Safety in Civil Engineering Works, Budget approved **Project Leader**, RM17,000.00., RMC 71758, UTM. April 2001-April 2003
17. Analysis of Root Causes in Malaysian Construction Accidents, **Project Member**, Vot RMC 78272. (Jan. 2008-Dec. 2009)
18. Study on Site Safety, **Project Member**, RMC 71080, UTM. RM10,000.00 June 1997- May 98
19. Development of Estimating Software for Project Cost, Information Technology in Construction, **Project Member**, RMC 71022. M40,000.00. (May 1996-August 98)
20. The Development of Building Encyclopedia for Building Course Website, Construction Project Management, **Project Member**, RMC 71429, UTM. RM20,400.00. (14 Mar. 1995-13 Mar.1996)
21. Development of Computerized Schedule of Rates for Project Estimating, Information Technology in Construction, **Project Member**, Vot RMC 61610, UTM. (Jun 1994-Dec. 96)
22. Museum House of Dato' Bija Sura, Pulau Duyung, Terengganu, **Project Member**, (1994-1995)

## CONSULTANCY PROJECTS

1. Kerja Penggalian Telaga Tiub at Universiti Teknologi Malaysia. **QS Consultant**, (RM145,000.00) (6 Dec 2019-present)
2. PILS™ KPT-BOS Cadangan Kerja-Kerja Mengubahsuai Bangunan Sedia Ada, Serta Membaiki dan Membekal dan Memasang Perabut di Kolej Komuniti Gelang Patah, Johor, **QS Consultant**, (RM1,156,691.08) (6 April 2016-present)
3. PILS™ KPT-BOS Cadangan Kerja-Kerja Mengubahsuai dan Kerja-Kerja Lain Yang Berkaitan di Kolej Komuniti Kuala Nerus, Terengganu. **QS Consultant**, (RM1,500,000.00) (6 April 2016-Present)
4. PILS™ KPT-BOS- Cadangan Kerja-Kerja Mengubahsuai dan Kerja-Kerja Lain Yang Berkaitan di Kolej Komuniti Sibu, Sarawak. **QS Consultant**, RM1,117,760.65. (6 April 2016-present)
5. PILS™ KPT- Cadangan Kerja-Kerja Mengubahsuai dan Kerja-Kerja Lain Yang Berkaitan di Kolej Komuniti Ajil, Terengganu. **QS Consultant**, (RM1,247,661.00) (11 Mac 2018-present)
6. PILS™ KPT-BOS Cadangan Kerja-Kerja Mengubahsuai dan Kerja-Kerja Lain Yang Berkaitan di Kolej Komuniti Ajil, Terengganu. **QS Consultant**, (RM1,247,661.00) (11 Mac 2018-present)
7. PILS™ KPT-BOS- Membekal, Menghantar, Memasang, Menguji dan Melatih Peralatan IT dan Komunikasi di Politeknik Ungku Omar Cawangan Bagan Datuk, Perak (JPP, KPT) **QS Consultant**, RM360.100.00 (6 May. 2017-31 Dec. 2018) Kementerian Pengajian Tinggi
8. PILS™ KPT-BOS- Membekal, Menghantar, Memasang, Menguji dan Melatih Perisian Komputer di Politeknik Ungku Omar Cawangan Bagan Datuk, Perak (JPP, KPT) **QS Consultant**, RM170.100.00 (6 May. 2017-present)
9. PILS™ KPT-BOS- Membekal, Menghantar, Memasang, Menguji dan Melatih Peralatan Studio di Politeknik Ungku Omar Cawangan Bagan Datuk, Perak (JPP, KPT) **QS Consultant**, RM109.100.00 (6 April 2016-present)
10. PILS™ KPT-BOS- Cadangan Kerja-Kerja Mengubahsuai dan Kerja-Kerja Lain Yang Berkaitan di Kolej Komuniti Maran, 26500, Maran, Pahang. **QS Consultant**, RM1,134,880.88. (6 April 2016-present)
11. Cadangan Mengubahsuai Bangunan Sedia Ada Serta Membaiki, Membekal dan Memasang Perabut di Kolej Komuniti Tanah Merah, Kelantan, **QS Consultant**, RM1,369,051.48 (6 April 2016-present)
12. PILS™ KPT-BOS-Cadangan Kerja-Kerja Mengubahsuai dan Kerja-Kerja Lain Yang Berkaitan ke Atas Bangunan 2 Tingkat Sedia Ada di Kolej Komuniti Lenggong, Perak. **QS Consultant**, RM1,151,000.00. (6 April 2016-present)
13. PILS™ KPT-BOS- Cadangan Mengubahsuaian dan Kerja-Kerja Lain Yang Berkenaan Ke Atas Bangunan Kedai Sedia Ada di Kolej Komuniti Kangar, Perlis. **QS Consultant**, RM1,517,000.00. (6 April 2016-present)
14. PILS™ KPT-BOS- Cadangan Kerja-Kerja Mengubahsuai Bangunan Sedia Ada, Serta Membaiki dan Membekal dan Memasang Perabut di Kolej Komuniti Jerlun, (JPPK) Kedah. **QS Consultant**, RM1,163,000.00. (6 April 2016-present)



15. PILS™KPT-BOS- Cadangan Mengubahsuaikan Bangunan Sedia Ada Serta Membaiki, Membekal dan Memasang Perabot di Politeknik Ungku Omar Cawangan Bagan Datuk, Perak. **QS Consultant**, RM1,145,985.70. (6 April 2016-present)
16. PILS™KPT-BOS- Cadangan Tambahan Ubahan Ke Atas Bangunan Kedai Pejabat 2 Tingkat Sedia Ada di Politeknik Besut, Kampung Raja, 22200 Besut, Terengganu (JPP).(Pakej Senibina). **QS Consultant**, RM293,000.00. (6 April 2016-2018)
17. Development of Dataran Tanjung Emas, Muar, Johor Darul Ta'zim, Majlis Perbandaran Muar, Johor, UTSB, UTM, **QS Consultant**, RM4,175,682.97. (20 Nov. 2002-30. Aug. 2005)
18. Shopping Complex and Market, Kota Tinggi, Johor, Uni Technologies Sdn. Bhd, UTM, **QS Consultant**, (RM5,685,805.96) Majlis Daerah Kota Tinggi, Johor. (1994-96)

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1. Mohd Saidin Misnan (2013), Teaching Material for OCW-Introduction to Construction Safety, OCW-Law and Regulation to Construction, OCW-Theory of Accident, OCW-HIRARC, OCW-PPE, OCW-Safety Management, OCW-Cost of Construction Safety, OCW- SHASSIC. OCW- Safety Training, OCW-Safety Policy.
2. Mohd Saidin Misnan (2013), Teaching Material for OCW-Airport, OCW-Bridge, OCW-Earthwork, OCW-Marine Structure, OCW-Civil Engineering Procedure, OCW-Dam and Special Construction, OCW-Oil & Gas Structure, OCW- Mass Haul Diagram.

## POSTGRADUATE SUPERVISION

### Doctor of Philosophy (PhD)

1. Suwaibatul Islamiah Abdullah Sani, *Kerangka Budaya Penyenggaraan Aset Tak Alih*, (Co-Supervisor) (2011-2014) (**Graduated, 2014**)
2. Nur Fadilah Darmansah, *Design Factors for Developing Equine Facilities in Malaysia*. (2014- 2017). (Main Supervisor) (**Graduated, 2017**)
3. Williams Opeyemi Samuel, *Accident Preventian Model for the Building Construction Industry* (2016-2019). (Co-Supervisor) (**Graduated, 2019**)
4. Sylvia Gala Anak Mong @ Agam, *Towards Sustainable Performance of Facilities Management of Local Authority in Malaysia*. (2016- 2019) (Co-Supervisor) (**Graduated, 2019**)
5. Mohammad Khairul Ruslan, *Rangka Kerja Pemantapan Budaya Keselamatan di Organisasi Pembinaan Perumahan Teres* (2014- 2019) (Main Supervisor) (**Graduated, 2019**)
6. Wan Faida Wan Azmi, *The Development of Designer Safety Body of Knowledge for Construction Designers* (2013-2020) (Main Supervisor) (**Viva Exam. 5.8.2020\_Graduated, 2020**)
7. Norsyazwana Jenuwa, *Kerangka Kompetensi Pengurus Fasilitas di Peringkat Pra Pembinaan. Framework of Facilities Manager Competency in PreConstruction Phase*. (Dec. 2014-2020) (Main Supervisor) (**Viva Exam. 19.8.2020**)
8. Robby Dwiko Juliardi, *Framework for Achievement Strategy of Green Building on Renovating and Retrofitting in Indonesia*, (2018-2020) (Main Supervisor) (**Viva Exam. 27.9.2020**)
9. Noorhayatie Yusof, *Development of Safety Practices Model for Micro and Small-Scale Contractors in Malaysia* (2017-2020). (Main Supervisor) (**Viva Exam. 25.11.2020**)
10. Norhana Danial, *Framework in Road Construction Land Acquisition* (Oct. 2020-Present) (Main Supervisor) Ongoing
11. Maziazaman Abd. Malek, *Framework Development of Training and Competency Assessment Criteria for TVET Mechanical Instructor in Oil & Gas Operation* (Oct. 2020-Present) (Main Supervisor) Ongoing
12. Azita Yusof. *Model for Safety Management in Rock Blasting* (Oct. 2020-Present) (Co-Supervisor) Ongoing
13. Jaleel Yousif, *Development of Framework for Converting Traditional Construction into Sustainable Construction with Retrofit Existing Buildings in Iraq* (Oct. 2020-Present) (Main Supervisor) Ongoing
14. Vickneswaren A/L Selvamugam, *The Development of Risk Management Model for Research and Development Laboratory*, CGS02155915, PhD (Science), (Open University Malaysia), (Oct. 2020-Present) (Main Supervisor) Ongoing
15. Alfred Boadi Asante (G1973204) *Project Management for Government Project*. (Oct. 2020-Present) (Main Supervisor) Ongoing
16. Kumo Hassan Ali, *Critical Success Factors for The Implementation of Facilities Management in Healthcare Industry Using Interpretive Structural Modelling*. (Main-Supervisor) Ongoing

### **Master of Science (by Research)**

1. Faradiana Mat Yaacob, *Analisis Kos dan Kesan Kos Keselamatan Dalam Pelaksanaan Projek Pembinaan*. (Main Supervisor) (2009- 2013) **(Graduated, 2013)**
2. Alfred Goh Pui Teck, *Evaluation of Malaysian Safety and Health Induction for Construction Worker*. (2014- 2015) (Co-Supervisor) **(Graduated, 2015)**
3. Prescilla Anak Palis, *Best Practice for Public University Building Maintenance* (Main Supervisor) (2017-2019). **(Graduated, 2019)**
4. Norhernani Md Nor, *Termination of Contract in Construction* (2020-Present) (Main Supervisor) Ongoing
5. Kamarul Azman Abd. Razak, *SHASSIC in Construction*. (2019-Present) (Main Supervisor) Ongoing

### **Master of Science (by Coursework)**

1. Mohammad Khairul Ruslan, *Safety Culture Development in Sime Darby Properties* (Main Supervisor) (2011-2013) **(Graduated, 2013)**
2. Mohammad Khairul Jemain, *"Pembangunan Model Penilaian Kendiri Keselamatan"* (2010-2011) (Main Supervisor) **(Graduated, 2014)**.
3. Shahril Izwan Ismail, *A Study on The Factors Affecting Job Satisfaction in Private Education Institution*, (Main Supervisor) (Open Univ. Malaysia) **(Graduated, 2017)**
4. Muhammad Hafizi Danial, *Critical Top Management Supports to Influence on Project Success in Construction Industry* (2018- 2019) (Main Supervisor) **(Graduated, 2020)**
5. Siti Noorzarina Musa, *Risk Assessment for the Delay Factors in Project Management of Road Construction*, (2018- 2019) (Main Supervisor) **(Graduated, 2020)**
6. Priscilla Yong Chang Hua, *Green Features: Value Added to Residential Property*, (2018- 2019) (Main Supervisor) **(Graduated, 2020)**
7. Azita Yusof, *Application of Safety Management in Rock Blasting*. (Main Supervisor) MOSHRM (Open University Malaysia) **(Graduated, 2020)**
8. Loke Jee Han, *Contractor Tender Decision Making: To Bid or Not to Bid*, (2018-Present) (Main Supervisor) Ongoing
9. Thamil Selvi Velaiah, *Safety & Health Risk Management at Hospitals*, MOSHRM (Open University Malaysia), Ongoing
10. Zuledham Mohamad, *Risk Assessment and Safety Awareness in Rock Blasting Process*. MOSHRM (Open University Malaysia), Ongoing
11. Dg Mohd Al Hafidz, *Critical Path Method in Manufacturing Industry*, MOSHRM (Open University Malaysia), Ongoing
12. Yugabalan a/l Narasiman, *CPM in Requirement of Maintenance Work*, MOSHRM (Open University Malaysia), Ongoing
13. Kong Huai Tao, *CPM In Process of Data of Manufacturing Industry*, MOSHRM (Open University Malaysia), Ongoing
14. Aziz Dawi, *Rework Causation in Construction of Offshore Structural Project*, (Open University Malaysia), Ongoing

## **PANEL EXAMINER**

### **PhD. External Examiner**

1. Arniatul Aiza Mustapa, *Scope of Work Management Framework for Interior Design Project*, Universiti Teknologi MARA (UiTM), 26 Sept. 2018.
2. J. Pathma Priya a/p Jayasingham, *Assessing Customer Satisfaction of Green Home Buyers by Using Servqual*, Universiti Sains Malaysia, Nov. 2020.
3. Mohd Umzarulazijo bin Omar@Umar, *Pengurusan Strategik Dalam Pemuliharaan Bangunan Warisan di Georgetown, Pulau Pinang*, 2020.

### **PhD. Internal Examiner**

1. Shogo Musbau Adeniyl, *Economic Viability of Green Materials for The Construction of Low-Cost Building in Nigeria*, Universiti Teknologi Malaysia (UTM), 8 Sept. 2020.
2. Mairizal, *Model Hubungan Antara Faktor Kritikal Daripada Kompetensi Pengurus Projek Dengan Prestasi Projek Pembinaan Bersepadu di Indonesia*, 20 Sept. 2020.
3. Roselan Nayan, *Framework for the Enhancement and Enrichment of Valuation of Interim Payment for the Quantity Surveyors*. Dec. 2020
4. Nazirul Fariq bin Mohd Kassim, *Cost Risk Management for Railway Construction Project in Klang Valley*, Dec. 2020

### **MSc. External Examiner**

1. Zul Afti Ismail, *DMOSYS: Defect Monitoring System for Building Maintenance at Polytechnic*, Universiti Tun Hussein Onn Malaysia, 12 Nov. 2013.
2. Maisarah Makmor, *An Improvement of Framework on Malaysian EIA Process towards Sustainable Development*. Universiti Teknologi MARA, 11 June 2014.
3. Nurul Adilah Saludin, *Homeworking Concept in Malaysian Quantity Surveying Firms*, Universiti Sains Malaysia, 14 Oct 2014.
4. Nurul Aida Nazri, *Framework of Educational Building Facilities for Children with Autism in Malaysia*, Universiti Teknologi MARA, 30 March 2016.
5. Muhammad Norakmal Hakim Mohd Ramlee, *Safety Measures Implementation for MRT Construction Sites in Malaysia*, Universiti Tun Hussein Onn Malaysia, 18 Sept. 2017.
6. Heng Yong Ming, *Critical Barriers and Drivers Identification for Green Supply Chain Management Application in Malaysian Construction Industry*, Universiti Sains Malaysia, 4 Oct. 2017.
7. Norasyikin Khamis, *Perlaksanaan MS 2593: 2015 (Kod Amalan-Kemudahan dan Kediaman Sementara Pekerja Tapak Bina) di kalangan Kontraktor Gred 6 dan 7*. Universiti Tun Hussein Onn Malaysia, 18 Julai. 2018.
8. Mohd Zul Fahmi Zahari, *Kriteria Utama Pencegahan Jenayah Dalam kalangan Pemaju Perumahan di Malaysia*, Universiti Sains Malaysia, 7 Nov 2018.
9. Sheik Ahmad Faiz Ismail, *Study on Marketing Strategies of Hotel and Resort's Facilities Popular Among the Tourist*, Universiti Sains Malaysia, 24 April 2019.

#### **MSc Internal Examiner (Research)**

1. Juliani Jamil, *Construction Workforce in Iskandar Malaysia*. 9 Nov. 2011.
2. Suhaila Remali, *Integrating Quantity Surveyors' Knowledge in Building Services*. 14 Nov. 2013.
3. Sohel Rana, *Evaluation Young Construction Project Manager Responsibilities Through Moral Judgement Test in the Context of Malaysia*, 17 June 2015.

#### **PUBLICATIONS AND PAPER**

##### **PhD Thesis**

1. **Mohd Saidin Misnan**, *Safety Culture Development Model in Malaysian Construction Industry*, Ph.D. Thesis, Universiti Teknologi Malaysia (Awarded March 2009)

##### **Original Book**

1. **Mohd Saidin Misnan**, Abdul Hakim Mohammed and Abdul Rahman Dalib, (2011) *Pembangunan Budaya Keselamatan di Tempat Kerja*, Skudai: Penerbit UTMPress. ISBN 978-983-52-0800-3.
2. **Mohd Saidin Misnan**, Abdul Hakim Mohammed and Mat Naim Abdullah (2011), *Pengurusan Projek Pembinaan*, Skudai: Penerbit UTMPress. ISBN 978-983-52-0808-9.
3. **Mohd Saidin Misnan**, Zakaria Mohd Yusof, Abdul Hakim Mohammed and Abdul Rahman Dalib, (2013) *Pengurusan Keselamatan Projek Pembinaan*, Skudai: Penerbit UTMPress. ISBN 978-983-52-0917-8.
4. David L. Goetsch (2015), **Mohd Saidin Misnan**, *Occupational Safety and Health for Technologist, Engineers and Manager*, 8th. Ed. Contributor to Review Questions, Harlow, Essex: Pearson Education Ltd
5. **Mohd Saidin Misnan** and Mohammadamin Azimi. (2016) *Pengurusan Keselamatan Projek Pembinaan*, Skudai: Penerbit UTMPress. ISBN 978-983-52-1364-9.
6. **Mohd Saidin Misnan** and Mohammadamin Azimi. (2016) *Pengurusan Logistik di Tapak Bina*. Skudai: Penerbit UTMPress. ISBN 978-983-52-1365-6.
7. **Mohd Saidin Misnan** and Mohammadamin Azimi. (2016) *Penyelenggaraan Struktur*. Skudai: Penerbit UTMPress. ISBN 978-983-52-1366-3.
8. **Mohd Saidin Misnan** and Mohammadamin Azimi. (2017) *Contemporary Issues in Project Management*. Skudai: Penerbit UTMPress. ISBN 978-983-52-1374-8.
9. **Mohd Saidin Misnan** and Mohammadamin Azimi. (2017) *Strategic Issues in Project Management*. Skudai: Penerbit UTMPress. pp. 1-12. ISBN 978-983-52-1414-1.

##### **Book Chapter**

1. Mat Naim Abdullah, **Mohd Saidin Misnan**, Wan Yusof Wan Mahmood, (2008), A Case Study on Quality Management System in Construction Project, In *Quality Management System in Malaysian Construction Industry*. Skudai: Penerbit UTMPress. pp. 40-71.
2. Maizan Baba, Mat Naim Abdullah, **Mohd Saidin Misnan**, Wan Yusof Wan Mahmood, (2008), *An Application Model of Quality Management System in a Construction Project*. In *Quality Management System in Malaysian Construction Industry*. Skudai: Penerbit UTMPress. pp. 72-92.

3. **Mohd Saidin Misnan**, Wan Yusof Wan Mahmood, Abdul Hakim Mohammed, (2008), Towards a Quality Culture in Malaysian Construction Industry. In *Quality Management System in Malaysian Construction Industry*. Skudai: Penerbit UTMPress. pp. 93-108.
4. David L. Goetsch (2015), **Mohd Saidin Misnan**, *Occupational Safety and Health for Technologist, Engineers and Manager*, 8th. Ed. Contributor to Review Questions, Harlow, Essex: Pearson Education Ltd.
5. Tantish Kamarudin, **Mohd Saidin Misnan**, Zuhaili Mohamad Ramly & Mohammadamin Azimi, (2016) Amalan Pengurusan Jentera di Tapak Bina. In *Pengurusan Logistik di Tapak Bina*, Skudai: Penerbit UTMPress. pp. 1-14.
6. **Mohd Saidin Misnan**, Tantish Kamarudin, Norazam Othman & Fuziah Ismail. (2016) Keselamatan Pengendalian Jentera di Tapak Bina. In *Pengurusan Logistik di Tapak Bina*, Skudai: Penerbit UTMPress. pp. 97-118.
7. **Mohd Saidin Misnan**, Yahya Mohd Yatim, Mohammadamin Azimi & Zuhaili Mohamad Ramly. (2016) Penglibatan Pegawai Keselamatan dan Kesihatan Dalam Industri Pembinaan. In *Pengurusan Keselamatan Projek Pembinaan*, Skudai: Penerbit UTMPress. pp. 11-24. ISBN 978-983-52-1364-9.
8. **Mohd Saidin Misnan**, Mohammadamin Azimi, Zuhaili Mohamad Ramly & Yahya Mohd Yatim. (2016) Latihan Keselamatan Pekerja di Tapak Bina oleh Kontraktor. In *Pengurusan Keselamatan Projek Pembinaan*, Skudai: Penerbit UTMPress. pp. 51-68. ISBN 978-983-52-1364-9.
9. **Mohd Saidin Misnan**, Sarajul Fikri Mohamed, Mohammadamin Azimi, & Tantish Kamarudin (2016) Penyelenggaraan Masjid di Negeri Johor. In *Penyelenggaraan Struktur*, Skudai: Penerbit UTMPress. pp. 23-32.
10. **Mohd Saidin Misnan**, Mohammadamin Azimi, Zuhaili Mohamad Ramly, & Zakaria Mohd Yusof (2016) Penyelenggaraan Landasan Keretapi dari Gemas ke Tumpat. In *Penyelenggaraan Struktur*, Skudai: Penerbit UTMPress. pp. 1-22.
11. **Mohd Saidin Misnan**, Sarajul Fikri Mohamed, Zuhaili Mohamad Ramly, Mohammadamin Azimi. (2017) Implementing Risk Management in High-rise Building. In *Contemporary Issues in Project Management*, Skudai: Penerbit UTMPress. pp. 1-16. ISBN 978-983-52-1374-8.
12. Fara Diva Mustapa, **Mohd Saidin Misnan**, Sarajul Fikri Mohamed, Mohammadamin Azimi. (2017) Coordination Problems in Complex Construction Project. In *Contemporary Issues in Project Management*, Skudai: Penerbit UTMPress. pp. 17-26. ISBN 978-983-52-1374-8.
13. **Mohd Saidin Misnan**, Sarajul Fikri Mohamed, Mohammadamin Azimi, Wan Faida Wan Azmi. (2017) Introducing Design for Construction Safety (DFCS). In *Strategic Issues in Project Management*, Skudai: Penerbit UTMPress. pp. 1-12. ISBN 978-983-52-1414-1
14. **Mohd Saidin Misnan**, Mohammadamin Azimi, Sarajul Fikri Mohamed, Wan Faida Wan Azmi. (2017) The Need of Design Safety Education (DSE) in Malaysia. In *Strategic Issues in Project Management*, Skudai: Penerbit UTMPress. pp. 13-22. ISBN 978-983-52-1414-1

#### **Ensiklopedia Sains Dan Teknologi (Est), Jilid 9: Kejuruteraan Awam**

1. **Mohd Saidin Misnan**, Contribution of 3 articles (entries) to the Ensiklopedia Sains dan Teknologi (EST), Jilid 9: Kejuruteraan Awam, Universiti Teknologi Malaysia Publisher (2005), ISBN: 983-62-7335-2. pp.736. (No. Entry: Roof, 81-82; Building Structure, 642-644; Window, 701-705).

#### **Research Monograph**

1. **Mohd Saidin Misnan** (2008). Kajian Kos Pengurusan dan Perancangan Keselamatan Tapak Bina Bagi Kerja-Kerja Kejuruteraan Awam, RMC UTM. ISBN 978-967-353-074-8.
2. **Mohd Saidin Misnan** (2008). Latihan Kepimpinan Pegawai Keselamatan dan Kesihatan Dalam Firma Pembinaan. RMC UTM. ISBN 978-967-353-864-5.

#### **Expert Report**

1. Forensic Engineering and Structural Investigation on Middle Ring Road 2 (MRR2) Kepong, Selangor, Final Report submitted to Anti Corruption Agency (BPR) Malaysia, March 2005.

#### **Journal (ISI/Scopus/Indexed)**

1. **Misnan, M. S.** & Mohammed, A. H. (2007). Development of Safety Culture in the Construction Industry: A Conceptual Framework, *Association of Researchers in Construction Management, ARCOM 2007 - Proceedings of the 23rd Annual Conference*. Vol. 1, pp. 13-22. ISBN 978-0-9552390-0-7 (*Scopus - Indexed*).
2. **Mohd Saidin Misnan**, Sarajul Fikri Mohamad, Zakaria Mohd Yusof, Ahmadon Bakri (2010). Improving Construction Industry Safety Standard through Audit: SHASSIC Assessment Tools for Safety. *Proceedings of the CRIOCM 2010 15<sup>th</sup> International Symposium*. 6-7 August 2010, Johor Bahru, Malaysia. pp. 548-556, ISBN: 978-967-0104. (*Scopus - Indexed*).

3. Sarajul Fikri Mohamed, **Mohd Saidin Misnan**, Chimay J. Anumba (2010). Innovative Tool for Construction Site Management Practices, *Proceedings of the CRIOCM 2010 15<sup>th</sup> International Symposium*. 6-7 August 2010, Johor Bahru, Malaysia. pp. 257-267, ISBN: 978-967-0104. (*Scopus - Indexed*).
4. Ganiyu, A.Y., Mohamed, S.F., Yusof, Z.M. & **Misnan, M.S.** (2012). Framework for Enhancing Cost Management of Building Services. *Procedia - Social and Behavioral Sciences*, 65 (2012): 697-703. ISSN: 1877-0428 (*ISI-Indexed*).
5. S.I.A. Sani, A.H. Mohammed, **M.S. Misnan**, and M. Awang (2012) Determinant Factors in Development of Maintenance Culture in Managing Public Asset and Facilities, *Procedia - Social and Behavioral Sciences*, 65(2012): 827-832. ISSN: 1877-0428. (*ISI-Indexed*).
6. Fara Diva Mustapa, Muzani Mustapa, **Mohd Saidin Misnan** & Syamsul Hendra Mahmud (2012). ICT Adoption in Materials Management Among Construction Firms in Construction Industry, *2012 IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER)*. pp 342-346. ISBN: 978-1-4673-4617-7; 978-1-4673-4615-3 (*ISI-Indexed*).
7. Muzani Mustapa, Fara Diva Mustapa, **Mohd Saidin Misnan** & Syamsul Hendra Mahmud (2012). Exploiting Intranet Technology in Facilitating Knowledge Management Among Quantity Surveying's Consulting Firms, *2012 IEEE Colloquium on Humanities, Science and Engineering Research (CHUSER)*. pp. 337-341. ISBN: 978-1-4673-4617-7; 978-1-4673-4615-3. (*ISI-Indexed*)
8. Wan Faida Wan Azmi & **Mohd Saidin Misnan** (2013). Designer's Safety Curricula for Undergraduate Students. *American International Journal of Contemporary Research*, 3(11): 115-121, (November, 2013). ISSN 2162-139X (Print), ISSN 2162-142X (Online) (*Indexed*)
9. Ganiyu Amuda Yusuf, Sarajul Fikri Mohamed, Zakaria Mohd Yusof, **Mohd Saidin Misnan** (2013). Role of Building Services Quantity Surveyors in Managing Cost of Green Buildings. *Advanced Material Research*. 689 (2013): 71-74. ISSN 978-3-03785-687-1. (*ISI-Indexed*)
10. Yusuf, G. A., Mohamed, S. F., Yusof, Z. M. & **Misnan, M. S.** (2013). Adoption of Standard Based Pricing Method for the Procurement of Mechanical and Electrical Engineering Services in Malaysia, *World Congress on Engineering - WCE 2013, Vol. 1, 2013 Lecture Notes in Engineering and Computer Science*. LNECS, pp. 459-464. ISSN: 20780958 ISBN: 978-988192510-7. (*ISI-Indexed*)
11. Wan Faida Wan Azmi & **Mohd Saidin Misnan** (2013). A Case for the Introduction of Designers' Safety Education (DSE) for Architects and Civil Engineers. *Advanced Engineering Forum*, 10 (2013): 160-164, (December 2013). ISSN 2234-9898 ISBN 978-3-03785-964-3. (*ISI-Indexed*).
12. Wan Faida Wan Azmi & **Mohd Saidin Misnan** (2014). View and Perspective of Architecture, Civil Engineer and Construction Management Students on Design for Construction Safety (DfCS): Initial Finding, *International Journal of Science Commerce and Humanities*, 2(4): 232-237. ISBN: 2052-6164. (*Indexed*).
13. S.I.A. Sani, A.H. Mohammed, **M.S. Misnan** (2014) Analysis of the Determinant Factors Development of Maintenance Culture in Malaysian Local Authorities, *MATEC Web of Conferences*, 15(01005): 1-8, ISSN 2261-236X. (*ISI-Indexed*).
14. Amuda-Yusuf, G., Mohamed, S. F., Yusof, Z. M. & **Misnan, M. S.** (2014). Towards Developing Building Services Standard Method of Measurement in Malaysia, *Recent Trends in Social and Behaviour Sciences - Proceedings of the 2nd International Congress on Interdisciplinary Behavior and Social Sciences 2013, ICIBSoS 2013*, pp. 77-82. (*ISI-Indexed*).
15. Suwaibatul Islamiah Abdullah Sani, Abdul Hakim Mohammed, **Mohd Saidin Misnan** (2014) The Determinant Factors in the Development of Maintenance Culture: An Empirical Study among Malaysian Local Authorities, *World Applied Sciences Journal*. 19(12): 1704-1709, ISSN 1818 4952. (*Indexed*).
16. Teck, A. G. P., Asmoni, M., Hamid, H. A., **Misnan, M. S.** & Lee, J. Y. M (2015) Evaluation Criteria of Safety and Health Induction for Construction Worker (SICW) in Malaysia, *Jurnal Teknologi*, 73(5): 93-97. ISSN 01279696 (*Scopus -Indexed, Q2*).
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  12. **Mohd Saidin Misnan** and Abdul Hakim Mohammed (2007). Peningkatan Modal Insan Dalam Industri Pembinaan: Pembangunan Budaya Keselamatan, *Seminar Kebangsaan Sains Sosial*, Kuala Lumpur. 20-21 November 2007. p.p. 203-214.
  13. **Mohd Saidin Misnan**, Ahmadon Bakri, Zuhaili Muhamad Muhamad Ramly, Lee Chia Kiang (2009). Occupational Safety And Health Management System: Key Process Areas (KPAs), Key Processes and Key Practices of Enablers in Construction Firms. *Proceedings of the Management in Construction Research Conference (MICRA)*. 9-10 June 2009. USM Penang. p.p. 305-314.
  14. **Mohd Saidin Misnan**, Ahmadon Bakri, Zuhaili Muhamad Ramly, Lee Chia Kiang & Ting Keing (2009) Pengurusan Projek Pembinaan: Kaedah dan Keberkesanan Komunikasi di Tapak Bina. *Proceedings of the Management in Construction Research Conference (MICRA)*. 9-10 June 2009. USM Penang. p.p. 111-121.
  15. **Mohd Saidin Misnan**, Ahmadon Bakri, Zuhaili Muhamad Ramly, Lee Chia Kiang (2009). Kaedah Penandaarasan Sebagai Kaedah Terbaik Dalam Membangunkan Budaya Keselamatan Dalam Industri Pembinaan di Malaysia. *Proceedings of the Management in Construction Research Conference (MICRA)*. 9-10 June 2009. USM Penang. p.p. 315-327.
  16. **Mohd Saidin Misnan**, Ahmadon Bakri, Zuhaili Muhamad Ramly, Lee Chia Kiang (2009). Perspectives From The Implementers and The Consultants: Effectiveness of HIRARC as A Safety Management Tool On Construction Sites. *Proceedings of the Management in Construction Research Conference (MICRA)*. 9-10 June 2009. USM Penang. p.p. 262-272.
  17. **Mohd Saidin Misnan**, Ahmadon Bakri, Zuhaili Muhamad Ramly, Lee Chia Kiang & Nor Fadzly Abdullah (2009). Pemilihan Kaedah Reka dan Bina Oleh Klien Sektor Awam dan Swasta. *Proceedings of the Management in Construction Research Conference (MICRA)*. 9-10 June 2009. USM Penang. p.p. 233-240.
  18. **Mohd Saidin Misnan**, Hanizun Hanafi, Ahmadon Bakri, Abdul Hakim Mohammed, Wan Yusoff Wan Mahmood (2009). Safety Management: A Framework of Safety Culture Development Process Safety Management: A Framework of Safety Culture Development Process, *Proceedings of the Management in Construction Research Association (MICRA) and 6th Annual Conference*. June 9-10. USM, Penang.
  19. Wan Yusoff Wan Mahmood, **Mohd Saidin Misnan**, Abdul Hakim Mohammed and Mat Naim Abdullah (2009). Leadership and The Development of Quality Culture in Construction, *Proceedings of the Postgraduate Seminar Faculty of Geoinformation Science & Engineering*. UTM, Malaysia, 14-15 July 2009.
  20. **Mohd Saidin Misnan** & Faradiana Mat Yaacob (2010). Persekitaran Keselamatan dan Kesihatan Pekerja Dalam Projek Pembinaan. *Proceedings of the National Conference on Environment and Health (2nd NCEH)* 16-18 March 2010, Kota Bharu, Kelantan: USM. p.p. 1-8 . ISBN 9789834417307.
  21. **Mohd Saidin Misnan** & Tengku Aziah Tengku Abdul Aziz (2010), Kajian Kesedaran Kontraktor Mengenai Tanggungjawab Melaksanakan Latihan Keselamatan Pekerja di Tapak Binaan, *Proceedings of the 2nd Human Capital Development Conference*. 5-6 Oktober 2010. Bangi: UKM.
  22. **Mohd Saidin Misnan**, Zakaria Mohd Yusof, Sarajul Fikri Mohamad, Norazam Othman and Abdul Hakim Mohamed (2012). Kesiediaan Kakitangan Awam untuk Pelaksanaan Dasar Pengurusan Aset Kerajaan. *Proceeding Seminar Hasil Penyelidikan Kementerian Pengajian Tinggi (Sains Sosial dan Kemanusiaan)*, Kajang: UNITEN, 28-29 March 2012. p.p. 646-665. ISBN 978-967-412-018-4.
  23. Nur Fadilah Darmansah, **Mohd Saidin Misnan**, Norafiqah Nordin, Azian Abd. Aziz @ Ahmad, & Norahim Ibrahim (2016). Equine Activities in Promoting Youth Development, *Persidangan Pembangunan Pelajar Peringkat Kebangsaan (NASDEC) 2016*, 28-29 November 2016. UTM Skudai.

## ACADEMIC RECOGNITION

### Keynote/Invited Speaker

1. **Keynote Speech**, The Roles of Leadership and Training in Developing Safety Culture in Malaysian Construction Industry, *1st Borneo Convention and Exhibition on Occupational Safety and Health (BOSH)*, 8-9 June 2009, 1 BORNEO, Kota Kinabalu, Sabah.
2. **Invited Speaker, 1M: Perspektif Umum**, Program Seminar Cinta Negara, Perbadanan Pengurusan Sisa Pepejal & Biro Tatanegara, Jabatan Perdana Menteri, Kem BTN G. Pulai, Johor, 18 Sept. 2014



3. **Invited Speaker**, *Kelestarian Dalam Dasar Sosial Negara*, Seminar Pembangunan Mahasiswa Holistik, Organized by Faculty of Civil Engineering UTM Johor Bahru, 15 Nov. 2014
4. **Invited Speaker**, *Gagasan1M: Kearah Negara Maju*, Kursus Kenegaraan (SSM), Organized by Biro Tatanegara, Jabatan Perdana Menteri, Kem BTN G. Pulai, Johor, 27 Feb. 2015.
5. **Invited Speaker**, Public Lecture: Professional QS in the International Construction Industry (*QS dalam Industri Pembinaan International*), Universitas Bung Hatta, Indonesia, 7 April 2017
6. **Invited Speaker**, *Belia dan Keselamatan Negara*, Seminar Pembangunan Mahasiswa Holistik, IKBN Johor Bahru, 28 April 2017.
7. **Invited Speaker**, Public Lecture: Opportunities and Directions for the Profession QS in the International Construction Industry, Universitas Bung Hatta, Indonesia, 9 July 2018
8. **Invited Speaker**, *Kemerdekaan-Belia dan Keselamatan Negara*, Madrasah Al Attas Arabiah, Johor Bahru, 27 Ogos 2017.
9. **Invited Speaker**, Seminar on Generation Continuity of Contractor, Organized by Akademi Binaan Malaysia CIDB, 24 September 2018, Johor Bahru
10. **Keynote Speech**, OSH Planning and Budgeting, Organized by Red Ocean Resources, 2 October 2018, Shah Alam.
11. **Keynote Speech**, Seminar on Contractor Generation Continuity, Organized by Akademi Binaan Malaysia CIDB, 25 October 2018, Shah Alam
12. **Keynote Speech**, Seminar on Project Preliminary Cost Management, Organized by Akademi Binaan Malaysia CIDB, 16 May 2019, Johor Bahru.
13. **Keynote Speech**, Seminar on Managing People in Construction, Organized by Akademi Binaan Malaysia, CIDB Malaysia, 16 Dec. 2019, Johor Bahru
14. **Keynote Speech**, Safety Awareness in Construction Industry, Organized by UTMSPACE and Red Ocean Resources, 17 May 2020, Kuala Lumpur.
15. **Keynote Speech**, Seminar on Secret of Success in Project Estimating: Rahsia Kejayaan Menender, Organized by Akademi Binaan Malaysia, CIDB Malaysia, 3 Sept. 2020, Johor Bahru
16. **Keynote Speech**, Virtual International Workshop on "Forensic Engineering - Transforming Failure to Success" on 15th December 2020, Rashtriya Raksha University, (An Institution of National Importance) Gandhinagar-Gujarat, India

#### **Professional Course Trainer/Speaker for Industries**

1. Cost Estimating for Drainage and Irrigation, Organized by Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Kuala Terengganu, 15-17 Jan 2010.
2. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Mukah, Sarawak, 25-29 January 2010,
3. Project Cost Estimating for Roadworks, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Miri, Sarawak, 23-25 Feb 2010,
4. Understanding Drawing, Organized by Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Marang, Terengganu, 19-21 March 2010.
5. Cost Estimating for Bridge and Jetty, Organized by Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Kuala Terengganu, 8-10 May 2010.
6. Road Services Maintenance, Organized by Construction Industry Development Board CIDB, Kangar, Perlis, 25-26 May 2010.
7. Building Works Supervision, Organized by Construction Industry Development Board CIDB, Ipoh, Perak. 16-17 June 2010.
8. An Efficient Construction Site Management, Organized by SPACE and Perbadanan Kemajuan Negeri Melaka (PKNM), Melaka, 6-8 August 2010.
9. Project Accounting and Cost Control, Organized by Construction Industry Development Board Malaysia CIDB, Kuala Terengganu, Terengganu. 11-12 October 2010.
10. Waste Management in Construction Project, Organized by Construction Industry Development Board, Alor Setar, Kedah. 26-27 October 2010.
11. Understanding of Plan and Project Estimating, Organized by Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Kuala Terengganu, 6-8 Nov. 2010.
12. Road Construction and Furniture, Organized by Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Kuala Terengganu, 13-14 Nov. 2010.
13. Cost Estimating for Bridge and Jetty, Organized by Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Kuala Terengganu, 20-22 Nov. 2010.
14. Continuing Professional Development Workshop – An Efficient Construction Safety, Organized by SPACE and Kementerian Belia dan Sukan, Malaysia, Johor Bahru, 22-25 November 2010.
15. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Kuching, Sarawak, 24-28 January 2011

16. Waste Management at Construction Site, Organized by Construction Industry Development Board Malaysia CIDB, Kuala Terengganu, Terengganu. 21-22 February 2011.
17. Site Management for Engineer, Construction Industry Development Board, Alor Setar, Kedah. 5-6 April 2011.
18. Strategic Planning for Construction Organisation, Organized by Construction Industry Development Board Malaysia CIDB, Johor Bahru, Johor. 27-28 April 2011.
19. Keselamatan di Tapak Projek Landskap, Organized by Institut Latihan Perumahan dan Kerajaan Tempatan, Ministry of Housing and Local Government of Malaysia, Alor Setar, Kedah, 5 May 2011.
20. Safety Management in Landscape Project, Organized by Institut Latihan Perumahan dan Kerajaan Tempatan, Ministry of Housing and Local Government of Malaysia, Melaka, 2 June 2011.
21. Construction Contract, Tender Procedure dan Practice, JWF and Ministry of Higher Education, Kota Kinabalu, Sabah, 6-10 June 2011.
22. Construction Contract Procedure for Landscape Management and Planning, Organized by Institut Latihan Perumahan dan Kerajaan Tempatan, Ministry of Housing and Local Government of Malaysia, Johor Bahru, 16 June 2011.
23. Construction Contract Procedure, Organized by Construction Industry Development Board, Malaysia CIDB, Batu Pahat, Johor, 11-12 July 2011.
24. Entrepreneurship, JWF and Ministry of Education, Kuala Terengganu, Terengganu, 25-29 July 2011.
25. Estimating for Road Project, Organized by Pusat Khidmat Kontraktor, Putrajaya (PKK HQ), Kementerian Kerja Raya, Kuching, Sarawak, 27-29 Sept. 2011.
26. Project Accounting and Cost Control, Organized by Construction Industry Development Board Malaysia CIDB, Kuala Terengganu, Terengganu. 4 October 2011.
27. Understanding of Plan and Project Estimating, Pusat Khidmat Kontraktor Negeri Terengganu (PKK), Kementerian Kerja Raya, Besut, Terengganu, 18-20 October 2011.
28. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Limbang, Sarawak, 24-28 October 2011.
29. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Kuching, Sarawak, 16-20 Jan. 2012, Vot: UTSB 242.
30. Building Maintenance Management, Organized by Construction Industry Development Board, Malaysia CIDB, Johor Bahru, Johor, 1-2 March 2012.
31. Construction Waste Management, Organized by Construction Industry Development Board, Malaysia, Johor Bahru, Johor CIDB, 13-14 March. 2012.
32. Project Management, Organized by Ministry of Higher Education, Kuala Lumpur, 15-18 May 2012.
33. Leadership Skills, Organized by Construction Industry Development Board Malaysia, Johor Bahru, Johor CIDB, 28-29 May 2012.
34. Maintenance of Public Asset, Organized by TUDM/UTMSPACE, Sg. Besi. 2-3 April 2013.
35. Contract Admin and Procurement, Organized by TUDM UTMSPACE, Sg. Besi. 26 April 2013
36. Pengurusan Tapak Bina, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government, Bintulu, 7-8 May 2013.
37. Penyediaan Tender dan Sebut Harga Kerja Bangunan, Organized by SPACE, Melaka. 4-6 June 2013.
38. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Kuching, Sarawak, 16-20 Dec. 2013.
39. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Sibu, Sarawak, 10-14 Mac 2014.
40. Preparation of Tender/Quotation for Building Project, Organized by Training Centre, Unversiti Pendidikan Sultan Idris UPSI, Tanjung Malim, Perak, 22-24 April 2014.
41. Facilities Management, Organized by Training Centre, Unversiti Pendidikan Sultan Idris UPSI, Tanjung Malim, Perak, 23-24 Sept.2014.
42. QS for Non QS, UTMSPACE, Kota Kinabalu, 4-5 Nov. 2014.
43. Introduction to Safety at Workplace and 5'S, Organized by Construction Industry Development Board Malaysia, & Future Excellent, Johor Bahru, Johor, 6-8 Nov. 2014.
44. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Bintulu, Sarawak, 5-6 Feb. 2015.
45. Tender for Construction of Road and Earthworks, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Mukah, Sarawak, 3-5 March 2015.
46. Course for Irrigation, Drainage & Retaining Wall, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Sarikei, Sarawak, 23-25 March 2015.
47. Basic Course for Construction Contractors, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Miri, Sarawak, 11-15 May 2015.
48. Cost Estimating for Jetty and Bridges, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Sibu, Sarawak, 6-7 Oct. 2015.

49. Project Cost Estimating, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Sibul, Sarawak, 12-14 Jan. 2016, Vot: UTSB 242
50. Cost Estimating for Jetty and Bridges, Organized by Unit Perkhidmatan Kontraktor and Pembekalan (UPKP), Sarawak State Government. Kuching, Sarawak, 23-25 May 2016.
51. Project Cost Estimating for Piling, Bridge and Jetty, Organized by State Financial Secretary, Sarawak State Government. Sibul, Sarawak, 20-22 Sept. 2016.
52. Kursus Memahami Pelan dan Anggaran Kos Projek Bangunan, Organized by State Financial Secretary, Sarawak State Government, Kuching, Sarawak, 11-13 Oct. 2016.
53. Kursus Penyediaan Tender dan Sebut Harga Kerja Bangunan, Organized by TUDM, Markas TUDM KL, 17-18 Julai 2017.
54. Project Cost Estimating, Organized by UTMSPACE, Melaka, 12 Sept. 2017.
55. Civil Engineering Project Cost Estimating, Organized by UTMSPACE, Shah Alam, 25-26 Sept. 2017.
56. Project Cost Estimating, Organized by State Financial Secretary, Sarawak State Government. Marudi, Sarawak, 27-28 Feb. 2018.
57. Civil Engineering Technology DPP, Organized by SPACE/CIDB, 21-22 April 2018. Kuala Lumpur.
58. Safety and Health at Work Place, Organized by SG Consult, 25-26 April 2018, Shah Alam.
59. Project Cost Estimating for Piling, Bridge and Jetty, Organized by State Financial Secretary, Sarawak State Government. Betong, Sarawak, 14-16 August. 2018.
60. Site Management DPP, Organized by SPACE/CIDB, 25-26 August 2018. Kuala Lumpur
61. Seminar on Contractor Generation Continuity, Organized by Akademi Binaan Malaysia CIDB, 24 September 2018, Johor Bahru
62. OSH Planning and Budgeting, Organized by Red Ocean Resources, 2 October 2018, Shah Alam.
63. Seminar on Contractor Generation Continuity, Organized by Akademi Binaan Malaysia CIDB, 25 October 2018, Shah Alam
64. Safety and Health DPP, Organized by SPACE/CIDB, 24-25 Nov. 2018, Kuala Lumpur.
65. Project Planning and Monitoring, Organized by State Financial Secretary, Sarawak State Government. Sibul, Sarawak, 30 Oct. -1 Nov. 2018.
66. Supervision Management of Small Projects, Organized by State Financial Secretary, Sarawak State Government. Sibul, Sarawak, 27-28 Nov. 2018.
67. Site Management DPP, Organized by SPACE/CIDB, 5-6 Jan. 2019, Kuala Lumpur.
68. Workshop on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2) Organized by SPACE/CIDB, 29-30 Jan. 2019, Johor Bahru.
69. Project Monitoring, Organized by SPACE/CIDB, 11-12 March 2019, Melaka.
70. Project Cost Estimating, Organized by Akademi Binaan Malaysia ABM, 20-21 March 2019, Johor Bahru.
71. Project Cost Estimating, Organized by Bhg. Pembangunan Kontraktor, Ministry of Work, 15 April 2019, Tangkak Johor.
72. Building Technology DPQS, Organized by SPACE/CIDB, 27-28 April 2019, Kuala Lumpur.
73. Project Preliminary Cost Management, Organized by Akademi Binaan Malaysia CIDB, 16 May 2019, Johor Bahru.
74. Civil Engineering Technology DPP, Organized by SPACE/CIDB, 13-14 July 2019, Kuala Lumpur.
75. Site Management, Organized by State Financial Secretary, Sarawak State Government. Kuching, Sarawak, 31 July-1 August 2019.
76. Project Cost Estimating for Drainage and Retainingwall, Organized by State Financial Secretary, Sarawak State Government. Miri, Sarawak, 4-6 Sept. 2019.
77. Facilities and Maintenance Management, Organized by SG Consult, 23-24 Oct. 2019, Shah Alam.
78. Workshop on Malaysian Civil Engineering Standard Method of Measurement (MyCESMM2) Organized by SPACE/CIDB, 16 October 2019, Kuala Lumpur.
79. Safety and Health DPP, Organized by SPACE/CIDB, 23-24 Nov. 2019, Kuala Lumpur.
80. Managing People in Construction, Organized by Akademi Binaan Malaysia, CIDB Malaysia, 16 Dec. 2019, Johor Bahru.
81. Safety and Health DPP, Organized by SPACE/CIDB, 1-2 Feb. 2020, Johor Bahru.
82. The Secret of Project Cost Estimating Preparation, Organized by Akademi Binaan Malaysia CIDB, 2-3 Sept. 2020. Johor Bahru.
83. Project Planning and Monitoring, Organized by SPACE/CIDB, 5-6 Oct. 2020, Melaka.

#### **Chairperson**

1. Chairperson for Technical Session, *The 1st International Conference on Construction Industry 2006* (ICCI 2006), Padang, Sumatera Barat, Indonesia, 21-25th. June 2006.
2. Chairperson for Technical Session, *The 2nd International Conference on Construction Industry 2009* (ICCI 2009), Padang, Sumatera Barat, Indonesia, 30-31 July 2009.

3. Chairperson for Technical Session, *The 3rd International Conference on Construction Industry 2012* (ICCI 2012), Padang, Sumatera Barat, Indonesia, 10-11 March 2012.
4. Chairperson for Technical Session, *12th South East Asia Technical University Consortium Symposium (SEATUC 2018)*. March 12-13, Yogyakarta.

**Others**

1. External Examiner of Program, Diploma Eksekutif in Facilities, UTMSPACE, 2009
2. External Examiner of Program, Diploma in Quantity Surveying, UTMSPACE, KL, 2015