

## NOOR SAHIDAH SAMSUDIN (Ts)

Lecturer

Centre of Studies for Construction  
Faculty of Architecture, Planning and Surveying  
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### Areas of Expertise

Building Services, Construction Management

<https://www.researchgate.net/profile/Ns-Samsudin-2>

<https://scholar.google.com/citations?user=3nh66tAAAAJ&hl=en>

### Personal Information

Noor Sahidah Binti Samsudin

300014

Centre of Studies for Construction

Faculty of Architecture Planning and Surveying

### Academic Qualifications

Master in Science Integrated Construction Project Management, 2012, Universiti Teknologi MARA

Degree in Construction Management (Hons), 2008, Universiti Teknologi MARA

Diploma in Building, 2006, Universiti Teknologi MARA

### Professional Members

1. Malaysia Board of Technology (MBOT), Professional Technologist (Mac 2021 – Mac 2022)

## Teaching and Learning

1. Degree, Mac 2021, Building Services Engineering, Quality, Safety, Health and Environment, Builders Quantities, and estimation
2. Diploma, Jan 2018 - Mac 2020, Building Services Engineering, Basic Structural Design

## Student Supervision

### Current:

#### BSc Construction Technology (Innovation Projects I & II):

1. Nur Izzati Binti Abdul Razak (2019660132): Improving the Elevator Maintenance Issues of the Highrise Residential Building
2. Nur Syahidatul Iman Binti Idris (2019653632) Fire Fighting System in Highrise Building

#### BSc Construction Management (Dissertation I)

1. Nur Syazana Binti Aarif (2020976109) Malay Traditional house
2. Muhammad Syafiq Bin Aminuddin (2018401036) Safety Management in Building Construction
3. Farah Nur Syuhadah Binti Jonaidi (2018641578) The Application of Green Technology in Construction
4. Muhammad Affizie Affendi (2019678718) Challenges due to Pandemic Covid 19 Among CM Graduates
5. Nurul Izzah Binti Mohd Hashim (2019814108)
6. Izzah Dania Binti Alias (2019695206) Highrise Building Maintenance Mgt in Malaysia
7. Syed Mohamed Fairiq Bin Syed Yahya (2019646452) Disability Access in Public Building in Malaysia.

### Recent (Completed):

#### BSc Construction Technology (Practical Report):

1. Nur Fazira Binti Nordin: Bubble Deck Construction (Oct 2020-Jan 2021)

#### BSc Construction Technology (Innovation Projects I & II):

1. Nurhafawati Binti Rosli (2018437768) Adjustable Spacer Clip (Mac – Jul 2020, Sept 2019 – Jan 2020)
2. Nur Izzah Syahirah Binti Ab.Lah (2018207378) Integrated Ear Plug ( Mac – Jul 2020, Sept 2019 – Jan 2020)
3. Raja Anis Syafinas Bt Raja Muhammad (2017736641) Quality Control of Offsite Construction: Delivery Impact Absorption System (Mac 2019 – Jul 2019, Sept 2019 – Jan 2020)

#### Diploma in Building (Practical Report, Oct 2020 – Jan 2021)

1. Muhammad Bin Azmi (2018447206) Sport Hall Construction
2. Nazihah Binti Always (2018273128) Industrialised Building System (IBS): Block Work System
3. Shazlinda Atirah Binti Nordin (2018236944) Quotation
4. Anwar Fakhri Bin Mohd Fadzli (2018408408) Variation Order
5. Muhammad Aqil Iqbal Bin Mohd Zamri (2018233504) Maintenance Management for KLIA Property
6. Nur Izzatie Binti Juraimi (2018447688) 3-Legged Heavy-Duty Telecommunication Structure Construction
7. Muhammad Nazzrul Izzan Bin Rosli (2018412848)
8. Muhammad Taufiq Haikal Bin Noorulhisham (2018220268)
9. Ahmad Najmi Bin Sharul Zaman (2018282644) Fire Hydrant Installation
10. Muhammad Naim Bin Mohd Deno (2018807224) Isolated Shallow Foundtion Construction
11. Muaz Bin Mohamad (2018434432)
12. Muhammad Yusriman Bin Mohd Yunus (2018220332): The construction of water supply main pipeline

## **Publications** (Author Name, Year, Title, Place of Publication, Publishers, Action/Role)

**N.S. Samsudin**, S.M.Ayop, Z. Ismail, and S.S. Sahab " Problems and Issues on the implementation of Quality Management System (QMS) in Construction Projects" 2012 IEEE Symposium on Business, Engineering and Application (ISBEIA 2012) 23th -26th Sept, Bandung Indonesia (**IEEE**)

**N.S. Samsudin**, S.M.Ayop, Z. Ismail and S.S. Sahab " The advantages of Quality Management system in Construction Projects" 2012 IEEE Colloquium on Humanities, Science & Engineering Research (CHUSER 2012) 3rd – 4th Dec, Kota Kinabalu Malaysia (**IEEE**)

M.R. Yusof, A.H. Nawawi and **N.S. Samsudin** "Similarities And Difference Of Critical Success Factors For Industrialised Building System (Ibs) And Conventional Construction System " 2013 Symposium on Humanities, Science & Engineering Research (SHUSER 2013) 23th – 26th June, Penang, Malaysia (**IEEE**)

Chapter In Book ; Case Study On IBS Best Practices, Malaysian Productivity Corporation. List of Author : **Noor Sahidah Binti Samsudin**, Hayroman Bin Ahmad (Dr), Mohd Rofdzi B Abdullah (Dr), Noor Azam Bin Yahaya, Mohd Reeza Bin Yusof, Mohd Najib Bin Abd Rashid

M.R Yusof, M.F. Musa, **N.S. Samsudin**, M.F. Mohamad & M.N Baharuddin , "Industrialized Building System Plan of Work", "International Soft Science Conference (ISSC 2016), 11-13 April 2016, Universiti Utara Malaysia, Malaysia"

Muhamad Faiz Musa, Mohd Reeza Yusof, Mohammad Fadhil Mohammad, and **Noor Sahidah Samsudin**, "Towards The Adoption Of Modular Construction And Prefabrication In The Construction Environment: A Case Study In Malaysia, ARPN Journal of Engineering and Applied Sciences, Vol 11 NO 13 July 2016.

Emedya Murniwaty Samsudin, Lokman Hakim Ismail, Aeslina Abd Kadir, Ida Norfaslia Nasidi, **Noor Sahidah Samsudin** (2018) Rating Of Sound Absorption For EFBMF Acoustic Panel According To Iso 11654:1997, MATEC-Web of Conferences 150, 03002 (2018)  
<https://doi.org/10.1051/mateconf/201815003002>

Muhamad Faiz Musa, Mohd Reeza Bin Yusof, **Noor Sahidah Binti Samsudin**, Halil,2016, Adopting Industrialisation In The Construction Environment: Meeting The RequirementsOf Sustainability, Scientific Research Journal,12,2,45-65

Mohd Reeza Bin Yusof, Muhamad Faiz Musa, **Noor Sahidah Binti Samsudin**, Mohammad Fadhil Bin Mohammad, M.n Baharuddin , 2016,industrialised building system (ibs)/off-site project management life cycle

## **Research Grants and Contracts**

Research titled Sustainable Modular Building System Theoretical Framework,  
Duration: 24 Months (Dec 2014 – Nov 2016)

Grant Amount: RM50,000.00

Grant Body: Kementerian Pengajian Tinggi (KPT) Research Acculturation Grant Scheme

Roles & Responsibilities: Leader

Status: Completed

## Consultation & Expertise

Case Study on IBS Best Practice  
Duration 12 Months (1 Jan 2014 – 31 Dec 2014),  
Fee Amount: Rm10,480.00  
Appointing Body: MPC (Malaysian Productivity Corporation)  
Roles: Co Author and Member,  
Status: Completed

## Innovation, Commercialization & Entrepreneurial

HDPE wall towards a sustainable construction

### **Bronze Medal**

29th August 2019

2nd Digitalised International Invention, Innovation and Design (DIID JOHOR 2019). Innovative  
Roles: team member.

Campus. Build-It-Right Construction Board Game

### **Bronze Medal**

15th August 2018

7th International Innovation, Invention & Design 2018 (INDES 2018), UiTM Perak Seri Iskandar  
Roles: team member.

Solar Innovative Kiosk

### **Bronze Medal**

15th August 2018

7th International Innovation, Invention & Design 2018 (INDES 2018), UiTM Perak Seri Iskandar Campus.  
Roles: Team Member

Comfortable Headrest Design for Infant and Children

### **Silver Medal**

November 2016

5th International, Invention, Innovation and Design (INDES 2016).  
Roles: Team Member.

### **Bronze Medal**

4th International, Invention, Innovation and Design 2015 (INDES 2015).  
Book Transit Shelter

### **Bronze Medal**

4th International, Invention, Innovation and Design 2015 (INDES 2015).  
Roles: Team Member

## Services & Administration

01 Jun 2015 – 31 May 2022  
Committee Member: Faculty Examination

2020

Committee Member: Curriculum Review for Diploma in Building (Panel for Building Services Engineering and Structure)

2020

Committee Member: Curriculum Review for BSc Construction Technology (Panel for Structure)

2019

Committee Member: *Audit Akreditasi Penuh Sarjana Muda Sains (Keputusan) Teknologi Pembinaan AP256*

2014 – 2021

Committee Member: UiTM Perak Internal Auditor

2014- 2020

Department's Coordinator Final Examination

2017

Committee Member: Curriculum Review for Master Program AP763 (Secretary and Formatting)

2016

Committee Member: Curriculum Review for Diploma in Building (Technical Committee and Panel for Building Services Engineering)

1 Sep 2018 – 31 Aug 2020

Committee Member: Vetter for Final Examination

2015

Committee Member: *Kem Motivasi Permentoran Go For A*

2014

Committee Member: I-Learn UiTM Perak

2013-2014

Department's Coordinator *Penasihat Akademik dan Program Mentor Mentee*

2013

Committee Member: Curriculum Review for Diploma in Building (Technical Committee and Panel for Building Services Engineering)

2012 -2013

Department's Coordinator *Program Kecemerlangan Akademik*

### **INTERNAL AUDIT**

5-9 Oct 2020

Internal Audit Bil 2. Tahun 2020: COPIA Implementation UiTM Caw Perak

12-15 Nov 2019

Internal Audit Bil 4 Tahun 2019: Audit COPIA UiTM Caw Perak

2-10 Aug 2018

Internal Audit Bil 5/2018: Audit Pematuhan COPIA (Area 2,3 & 7)

11 Dec 2017 - 25 Jan 2018

Audit Peperiksaan Jan 2018

19-23 Dec 2016

Audit Dalam Bil 7:2016 Audit Program AP992

23 Jun – 21 Jul 2016

Audit Peperiksaan Ijazah Jun 2016

11 – 15 July 2016

Audit Dalam Bil 5: Tahun 2016 Pematuhan Kepada Dokumen ISO 9001:2008

10-12 Jun 2015

Internal Auditor - SWA Akreditasi Uitm Perak

## **Work and Collaboration Experience**

2014

Bursary/ Fund Raiser: Mini timber structure competition UiTM-MRCB

## **Awards & Recognitions**

2019

Anugerah Perkhidmatan Cemerlang UiTM 2018

## **Contribution to Society**

2016

Bursary/ Fund Raiser: Community Service for Orphanage Centre, Bait Al Amin Parit Perak.

## **Other Activities**

3 August 2015

Project director: Professional Talk: The Prospect of Builders' in Oil and Gas Industry by Alumni

15 June 2015

Deputy Project director: Professional Talk: The Prospect of Builders' in Oil and Gas Industry by Industry Practitioner

29 February 2016

Project director: Professional Talk – Project Planning in Construction by Alumni

23 Sept 2016

Deputy Project director: Professional Talk – Safety and Health in Construction Alumni

2012

Project Director: Program Kecemerlangan Akademik - Bengkel Persediaan Menghadapi Peperiksaan Akhir Dan Teknik Menjawab Soalan Akhir