



CURRICULUM VITAE (CV)

1. PERSONAL AND SERVICE PARTICULAR

Title : Assoc. Prof. Dr.

Name : Mohamed Nor Azhari Azman

Identification Number : 810107145491

Date & Place Of Birth : 07-01-1981 (44 years) - KUALA LUMPUR
Wilayah Persekutuan Kuala Lumpur

Sex : Male

Nationality : Malaysia

Marital Status : Married

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Present Position : Associate Professor DS14

Department : Faculty of Technical and Vocational

Correspondence Address : 17, Jalan Meranti 6 , Proton City,35900
0853, Perak, Malaysia.

Bibliography : M.N.A. Azman. Senior Lecturer, PhD at the Faculty of Technical and Vocational, Universiti Pendidikan Sultan Idris. He is the author, co-author and editor of several books or book chapters on Industrialized Building System (IBS) and Educational Technology as well as published more than 200 scientific papers. Research interests focus on the study of Educational Technology, Technical and Vocational Education and Training (TVET), Construction Management and Well Being.

2. ACADEMIC QUALIFICATION

Qualification | Major | Institution | Year

- Doctor of Philosophy (PhD) (Geo-Information Sciences), **Universiti Sains Malaysia**, 2013
- Master of Science (Civil Engineering), **Universiti Sains Malaysia**, 2007
- Bachelor of Engineering (Honours) Civil, **Universiti Teknologi Petronas**, 2004

3. PROFESIONAL AFFILIATION

Organisation | Role | Year | Level

- Concrete Society of Malaysia (CSM), AHLI / MEMBER, 2010, (National)
- Malaysian Institute of Engineers, 2009

4. RESEARCH INTEREST

Educational Technology, Technical and Vocational Education and Training (TVET)
Construction Management, Well Being

5. WORK EXPERIENCE AND CAREER HISTORY

Position | Department | Duration

I Academic Position

- (Assoc. Professor) Faculty of Technical & Vocational, (07-2017) until present)
- (Senior Lecturer) Faculty of Technical & Vocational, (05-2013) until (06-2017)

II Administrative Position

- Deputy Director (International and Mobility Centre), (15/05/2022) until (15/06/2023)
- Deputy Dean (Research & Innovation) Faculty of Technical and Vocational, (01-2017) until (01-2019)
- Deputy Director (UPSI Education Research Laboratory), (07-2015) until (01-2017)

6. SUPERVISION OF STUDENT

Name of Student | Mod (if available) | Position | Title of Thesis | Date | Status

I MASTER

- Muhammad Jafar Kasem, (Mod A), Supervisor, (Effectiveness of Catfish Breeding Module Uses Chromolaena Odorata Extract on Students' Academic Achievement Level Vocational School Fisheries in Aceh), 2024, (Completed)
- Azrulhisham, (Mod A), Supervisor, (Android Based Mobile Application Development Mywheel Alignment for Inner Wheel Alignment Topics Automotive Technology Course at Vocational College), 2024, (Completed)
- Hendri Pratama, (Mod A), Supervisor, (The Effect of Development of Aids for Teaching Logical Control (PLC) Programming on Electrical Machine Installation Courses Among Vocational School Students in the Aceh Area, Indonesia), 2021, (Completed)
- Zurainy Binti Rahman, (Mod A), Supervisor, (Development of Solid Waste Management Module by Using Composting Method among Form 4 Students), 2019, (Completed)
- Aziezatul Nezirah Binti Amri, (Mod A), Supervisor, (Kit Development (Smart Cot) Basic Furniture Making Form 1 Day High School for Special Education), 2019, (Completed)
- Mohamad Razi Bin Ahmad Suhaimi, (Mod A), Supervisor, (Study on The Adequacy of Construction Industry Standard (CIS 18:2010) for Manual Calculation for Industrialised Building System Content), 2019, (Completed)
- Farul Afendi Bin Bahari, (Mod A), Supervisor, (Facility Management Application in Space Management Industrial Building System Block Works Factory), 2018, (Completed)
- Fatihah Anis Binti Saifuddin, (Mod A), Supervisor, (The Effectiveness of the Simulation Kit on the Achievement of the Mechanical Design Link Topic Among Form 2 Students), 2019, (Completed)

- Natasha binti Dzulkalnine, (Mod A), Supervisor, (An Analysis On Causes, Impact and Strategies of Payment Among Contractors in Malaysian Construction Industry), 2015, (Completed)

II PHD

- Li Yang, Supervisor, (A Framework of Mental Health Education among Chinese Higher Vocational College Students in Sichuan), 2024, (Proposal)
- Zuhaili Mohd Arshad, Supervisor, (Need Analysis for the Development of Augmented Reality Based Electronic Design Application in Secondary School Design and Technology Subject), 2024, (Presentation)
- Xue Chen, Supervisor, (Development of Safety Assessment Framework for Industrialised Building in China using Analytic Hierarchy Process), 2024, (Completed)
- Zhang Li, Supervisor, (Experimental Study on Splitting Tensile Properties of Steel Fiber Reinforced Concrete Under different Cooling Methods at High Temperature), 2024, (Completed)
- Rosidi Fahlid Bin Mohd Isa, Supervisor, (Success Factors of Occupational Safety and Health Practices at Institute of Technical and Vocational Education in Malaysia), 2022, (Completed)
- Natasha binti Dzulkalnine, Supervisor, (Payment Process Comparison between Conventional and IBS Construction Procurement System), 22-10-2015 until 21-01-2019, (Completed)

7. RESEARCH ACTIVITY

Title | Grantor | Amount | Duration | Type

I Completed-LEADER

- Online Publishing Strategy in Improving the Ranking of Universitas PGRI Yogyakarta, **Universitas PGRI Yogyakarta – RM7192**, 01-07-2020 to 31-07-2021 – **International Grant**
- The Development of a Lecturer Acceptance Model for UPSI and UNY E-Learning System, **IBM Malaysia Sdn Bhd - RM10000**, 15-10-2019 to 15-10-2020 – **Matching Grant**
- A study on Key Successful Factors for Poverty Eradication Programme Through Education and Skills Training by Private Sector in Malaysia, NGO - **RM7000**, 21-12-2016 to 21-05-2017 – **NGO Grant**
- My Teacher TryScience Phase 2, **IBM Malaysia Sdn Bhd - RM125000**, 01-12-2016 to 01-06-2017 – **International Grant**
- A Comparative Investigation of Government Project Procurement Structure Mechanism between Conventional and IBS Construction, **UNIVERSITI PENDIDIKAN SULTAN IDRIS - RM28638**, 31-12-2015 to 31-12-2017 – **University Grant**
- Preparation of a System for the Collection and Detailing of Information on the Distribution of IBS Manufacturers and Suppliers Throughout Malaysia for the CIDB, **Construction Industry Development Board – RM97332**, 30-12-2016 to 30-04-2017 - **Private Grant**
- Application of Facilities Management (FM) in Blockwork IBS System Factory in Malaysia, **UNIVERSITI PENDIDIKAN SULTAN IDRIS - RM12770**, 19-10-2016 to 19-10-2017 - **University Grant**
- Cultivating the Interest of STEM among Preschool Children, **Suruhanjaya Kebudayaan UNESCO Malaysia- RM10000**, 13-07- 2015 to 13-01-2016 – **Government Agency Grant**
- An Exploratory Study of the Use of Machinery and Machines among Precast Manufacturing IBS Manufacturers, **KEMENTERIAN PENGAJIAN TINGGI - RM33000**, 02-01-2013 to 02-04-2015 - **Government Agency Grant**
- My Teachers TrySciences Phase 1, **IBM Malaysia Sdn. Bhd - RM140000**, 21-12-2015 to 21-06-2016, **International Grant**
- Payment Scenario in the Malaysia Construction Industry Prior to Industrialised Building System, **UNIVERSITI PENDIDIKAN SULTAN IDRIS - RM10000**, 01-02-2013 to 01-02-2014 – **University Grant**
- Development and Usability of Virtual Digital Games (Scratch) on Electrical Topics, **UNIVERSITI PENDIDIKAN SULTAN IDRIS – RM8850**, 15-11-2022 to 14-11-2024 – **University Grant**

8. CONSULTANCY AND EDITORIAL WORK

Conducted over 100 workshops on journal writing and publishing, both in-person and online, across Malaysia, China, Uzbekistan, Nigeria, and Indonesia.

Editor in Chief:

Asian Journal of Assessment in Teaching and Learning

<https://ejournal.upsi.edu.my/index.php/AJATeL>

Editorial Board (Scopus):

Jurnal Pendidikan IPA (Q3)

<https://journal.unnes.ac.id/journals/jpii>

Cakrawala Pendidikan (Q3)

<https://journal.uny.ac.id/index.php/cp>

Bangladesh Journal of Multidisciplinary Scientific Research (Q3)

<https://www.cribfb.com/journal/index.php/BJMSR>

Malaysian Construction Research Journal (Q4)

<https://www.cream.my/mobile/prod/malaysian-construction-research-journal-mcrj->

Perspectives of Science and Education (Q4)

<https://psejournal.wordpress.com/>

Multidisciplinary Science Journal (Q4)

<https://malque.pub/ojs/index.php/msj>

Editors Special Issues:

Co-Chief Editor for Malaysian Construction Research Journal (Special Issue (MCRJ Special Issue Vol 2, No 2, 2017)

<http://www.cream.my/main/index.php/publication/malaysian-construction-research-journal-mcrj>

Editor-in-Chief for Journal of Engineering, Science and Technology (JESTEC) Special Issue

<http://jestec.taylors.edu.my/Special%20Issue%20ICETVESS%202017.htm>

Editorial Board for Jurnal Teknologi Special Issue (Vol 78, No 5-10: Impact of Engineering on the Competitiveness and Sustainability of Asia Pacific Countries)

<https://jurnalteknologi.utm.my/index.php/jurnalteknologi/issue/view/269>

Editorial Board for Jurnal Teknologi Special Issue (Vol 77, No 5: Technology and Operation Management Vol.2)

<https://jurnalteknologi.utm.my/index.php/jurnalteknologi/issue/view/218>

Referee for Article/Journal:

Asia Pacific Education Review (**SSCI**)

Education and Information Technologies (**SSCI**)

Production Planning and Control (**SCIE**)

Studies in Higher Education (**SSCI**)

International Journal of Injury Control and Safety Promotion (**SSCI**)

Journal of Civil Engineering and Management (**SCIE**)

Habitat International (**SSCI**)

Mathematical Problems in Engineering (**SSCI**)

9. INVOLVEMENT

I Adjunct Professor

Universitas PGRI Yogyakarta, Indonesia 2019
Universitas Pendidikan Indonesia 2024

II Visiting Professor

Universitas Negeri Yogyakarta, Indonesia 2018
Ahmad Dahlan University, Indonesia 2018
Universitas PGRI Yogyakarta, Indonesia 2019
Universitas Negeri Padang, Indonesia 2020
Universitas Slamet Riyadi Surakarta, Indonesia 2020
Universitas Muria Kudus, Indonesia 2022
Universitas Hamzanwadi, Indonesia 2022
Thaksin University, Thailand 2024

III Keynote Speaker

2nd UNNES International Conference on Research Innovation and Commercialization (UICRIC **2018**), Semarang, Indonesia

International Conference on Language, Linguistics & Social Sciences (**2019**), Kuala Lumpur, Malaysia

International Conference on Science Education & Humanities (ICSEH**2019**), Tanjung Malim, Malaysia

International Conference on Vocational Education of Mechanical and Automotive Technology (**2019**), Yogyakarta, Indonesia

International Conference on Housing development models which respond to the population growth of 1 million every 5 years in the period 2021-2035 in Ho Chi Minh City (**2019**), Ho Chi Minh City, Vietnam

6th International Conference on Technical and Vocational Education and Training (ICTVET **2019**), Padang, Indonesia

3rd UPY International on Applied Science and Education (UPINCASE **2021**), Yogyakarta, Indonesia

4th International Conference on Education, Culture and Technology (ICONECT**2021**), Kudus, Indonesia

Virtual Conference on Emerging Trends in English and Foreign Language Teaching (**2023**), Chennai, India

International Seminar with the Themes Collaboration Universitas Persatuan Guru 1945 NTT (Indonesia) and Universiti Pendidika Sultan Idris (**2023**), Indonesia

Mini International Conference of Educational Research and Innovation (MICERI) "Literacy, Numeracy, and Technology for Future Education (**2023**)", Surakarta, Indonesia

3rd International Conference on Learning and Education (3rd ICLE) **2024**, Pacitan, Indonesia.

2nd International Conference on Multicultural Education and Interdisciplinary Studies (ICMEIS) **2025**, Almont Inland Resort, Butuan City, Philippines,

IV Professional Appointments

Publishing Fellow, UUM Press, Universiti Utara Malaysia (1st Jan 2025 – 31 Dec 2026)

Appointed Auditor, Malaysia Research Assessment (MyRA), Ministry of Higher Education Malaysia (2024-2028)

10. AWARD IN ACADEMIC AND PROFESSIONAL FIELD

Award Name | Award By | Level | Date

I Academic

Journal Paper Publication Award, Universiti Pendidikan Sultan Idris (UPSI), 2014

Best Journal Management Award, Universiti Pendidikan Sultan Idris (UPSI), 2021

UPSI Journal Award with the Highest Scopus Citation, Universiti Pendidikan Sultan Idris (UPSI), 2021

Outstanding Editor-in-Chief Award, Universiti Pendidikan Sultan Idris (UPSI), 2023

II Research & Innovation

Module Development with Integrated Augmented Reality (AR) Application in Secondary School, International Development, Research and Innovation Virtual Exhibition (iDRIVE 2024) (**INTERNATIONAL - SILVER**)

Development of Multi Electronics Magnetduino Module in Electronics Design, Virtual Innovation Competition 2024 (**INTERNATIONAL - GOLD**)

Immersive IoT Learning with Ar-Micro: A New Educational Paradigm, international educational design, games, invention and innovation (IEDGII 2024) (**INTERNATIONAL - GOLD**)

AR-MicroC: Enhancing Learning Experience in Internet of Things (IoT), 3rd International Competition On Sustainable Education 2024 (SUSED 2024) (**INTERNATIONAL - GOLD**)

My Teachers Tryscience, 27th International Invention & Innovation Exhibition (ITEX 2016) (**INTERNATIONAL - GOLD**)

MyVQ Measuring Vocational Intelligence, 28th International Invention & Innovation Exhibition (ITEX 2017) (**INTERNATIONAL - SILVER**)

Sanggar Sanjung Award Night under category Journal Publication (CATENA), UNIVERSITI SAINS MALAYSIA INTERNATIONAL - CONSOLATION), 24-03-2009

11. TEACHING (Course Title Degree)

- **Research Methodology**
- **Engineering Technology**
- **Final Year Project**
- **Engineering Materials**
- **Furniture Design and Manufacturing**
- **Wood, Metal and Plumbing Work**



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Article - Open access
Design and Development of Mobile Teaching Aids Using Go-Based Electronic Games for Teaching Digital Electronics in Higher Education
N.H., Hasimizan, N. H., M.N.A., Azman, Mohamed Nor Azhari, M.J., Prestozza, M. J.R., M.S., Othman, Mohd Syaubari
International Journal of Interactive Mobile Technologies, 2025

Full text

Article
The development of scratch based virtual lab game on electrical topics
M.N.A., Azman, Mohamed Nor Azhari, M.A.M., Hussain, Mohd Azlan Mohammad, H.A., Mustofa, Hisbullah Als
Multidisciplinary Science Journal, 2025

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Mohamed Nor Azhari Azman

(Azman, Mohamed Nor Azhari) | Universiti Pendidikan Sultan Idris

Edit

Identifiers

Web of Science ResearcherID: A-4257-2012
https://orcid.org/0000-0003-1756-1990

Published names

Azman, Mohamed Nor Azhari Azman, M. N. A. Azman, Mohamed N. A. Azhari, M. N.

Subject Categories

Engineering; Education & Educational Research; Business & Economics; Science & Technology - Other Topics; Acoustics

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Mohamed Nor Azhari Azman

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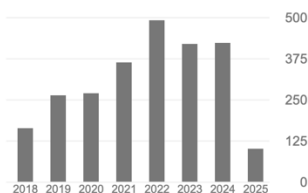
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TVET STEM Education Construction Technology Industrialised Building Syst...
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Co-authors

EDIT

- Mohd Nasrun Mohd Nawati
Professor, Universiti Utara Malays...
- Ir. Dr. Kamarul Anuar Mohamad Kamar
Head, Special Projects
- Tee Tze Kiong (Ph.D, P.Tech)
Head of Department, Malaysia R...

TITLE	CITED BY	YEAR
<input type="checkbox"/> The Trend in using online meeting applications for learning during the period of pandemic COVID-19: A literature review H Pratama, MNA Azman, GK Kassymova, SS Duisenbayeva Journal of Innovation in Educational and Cultural Research 1 (2), 58-68	280	2020
<input type="checkbox"/> Industrialized building system (IBS): Revisiting issues of definition and classification AM Kamar, Z Abd Hamid, NA Azman International journal of emerging sciences 1 (2), 120	190	2011
<input type="checkbox"/> Fragmentation Issue in Malaysia Industrialized Building System (IBS) Project MNM Nawati, A Lee, MNA Azman, KAM Kamar Journal of engineering Science and Technology 9 (1), 96-105	144	2014
<input type="checkbox"/> Development of an appropriate procedure for estimation of RUSLE EI30 index and preparation of erosivity maps for Pulau Penang in Peninsular Malaysia A Shamsah, MN Azhari, MH Isa, WMA Hussin, BP Parida Catena 72 (3), 423-432	141	2008
<input type="checkbox"/> Buzan Mind Mapping: An Efficient Technique for Note-Taking TK Tee, MNA Azman, S Mohamed International Journal of Social, Human Science and Engineering 8 (1), 28-31	126	2014

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Mohamed Nor Azhari Azman

PhD · Professor (Associate) at Sultan Idris Education University

Contact

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Introduction

Assoc. Prof. Dr. Mohamed Nor Azhari Azman, senior lecturer at the Faculty of Technical and Vocational, Universiti Pendidikan Sultan Idris. He is the Chief Editor for the Asian Journal of Assessment in Teaching and Learning, UPSI. He is the author, co-author and editor of several books on construction technology, STEM, GIS and TVET as well as published more than 170 scientific papers. His latest research involved a lot in technology education (apps development, AR and gamification via Scratch).

Current institution

Sultan Idris Education University

Faculty of Technical and Vocatio...

Current position
Professor (Associate)

Mohd Sanusi S. Ahamad's Lab

Current journal roles