ALHASSAN SALAMI TIJANI, PhD (Dr.-Ing)

Name	Dr.-Ing Alhassan Salami Tijani
Address	School of Mechanical Engineering, College of Engineering, Universiti Teknologi MARA, 40450 Shah Alam, Selangor, Malaysia.
Home Address	M1-7-44, Kondominium Kristal, Jalan pualam 7/32 40450, Shah Alam, Selangor, Malaysia
Grade of Position	Senior Lecturer
Nationality	Ghanaian
Passport / Ghana	H280093
Date of birth	26/09/1972
Telephone No. (Office)	+603-5543 5177
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Email	alhassan@uitm.edu.my, alhassanuitm@gmail.com
Google Scholar	https://scholar.google.com/citations?user=HiiliqoAAAAJ&hl=en
MOU/Colloquium	UiTM and Afridat UG Germany Collaborate on Renewable Energy Technology | QS GEN (qs-gen.com)
UiTM Expert profile link	https://expert.uitm.edu.my/profile.php?id=GqLGLD+JTr0DF/SFQuojqhSTb/erC3qRffDAQIlHAAo=
Scopus Author ID	https://www.scopus.com/authid/detail.uri?authorId=18435465000
ORCID ID	https://orcid.org/0000-0002-0954-718X
ResearchGate Link	https://www.researchgate.net/profile/Alhassan-Tijani
Web of science Link	https://publons.com/researcher/AAU-3205-2020/

CONSULTANCY	
INSTITUTION	PORTFOLIO
APPOINTMENT AS A 'RESEARCH TEAM LEADER' – MAHSA UNIVERSITY ECOVILLAGE PROJECT	MAHSA University Eco-Village Research Project titled "Investigation of Vacuum Insulated Eco-Panels for MAHSA Eco-Village Project". Start 17th September 2021- Till present
APPOINTMENT AS A 'RESEARCH TEAM LEADER' – MAHSA UNIVERSITY ECOVILLAGE PROJECT	MAHSA University Eco-Village Research Project titled "Solar based Parabolic Trough collector for Renewable Energy generation for an eco-village" Start 17th September 2021- Till present
FKM-UiTM-Universitas Jayabaya Jakarta	Renewable energy summer school 20-22 February 2019
Kapar Energy Ventures Sdn Bhd 01-05-2012 – 31-12-2013	Responsibility: • Improving efficiency of Kapar Coal Power Plant • Providing know-how on energy and exergy efficiency and potentials for energy savings • Reducing greenhouse-gas emissions
Putrajaya Power Station, Klang Valley, Serdang, Selangor Malaysia July 2013 – June 2015	Responsibility: • Analysis of thermal efficiency of open cycle gas turbine power plant • To carry out sensitivity analysis on the effect of compressor inlet temperature on the plant performance.

RESEARCH GRANTS

	Research Project	Source	Total Funds (RM)	Begin Year	End Year
1	Elucidation of Fick Law on hydrogen diffusivity and oxygen permeation in PEM electrolyzer **(Member)**	Ministry of Higher Education, Malaysia (MOHE) Fundamental Research Grant Scheme (Ref: FRGS/1/2019/TK10/UITM/02/10)	98,000	September/2019	August/2021
2	Investigation Of One Dimensional Unsteady State , Non-Isothermal Gas Crossover Flux And Efficiency Losses In Pem Electrolyzer. **(Leader)**	Ministry of Higher Education, Malaysia (MOHE) Fundamental Research Grant Scheme FRGS/1/2015/TK07/UITM/02/1	99,200	02-11-2015	01-11-2020
3	Effects Of Energy Recovery Methods To The Efficiency Of A Hydrogen Propulsion System. **(Member)**	Ministry of Higher Education, Malaysia (MOHE) Fundamental Research Grant Scheme FRGS/2/2014/TK06/UITM/02/3)	138,000	01-12-2014	30-11-2016
4	Analysis Of Heat Transfer Behaviour During Nucleate Pool Boiling Of Nanofluids. **(Member)**	Ministry of Higher Education, Malaysia (MOHE) Fundamental Research Grant Scheme FRGS/1/2015/TK03/UITM/02/6)	99,700	02-11-2015	01-11-2017
5	Finite volume Method and Mocing particle semi-implicit Coupling Mathod For Full Scale plasma spray Modelling	LESTARI (Member)	20,000	01/10/2017	30/09/2019

	(Member)				
6	Air Flow Properties Investigation Through New Plenum Of Open Cathode Pem Fuel Cell. **(Member)**	FRGS	91,000	01-04-2013	30-09-2015

MAIN DESIGNATIONS

- PhD (Dr.-Ing)
- Senior Lecturer and Researcher
- Coordinator: Laboratory Accreditation
- Course Coordinator: MEC 451 Thermodynamics II
- Member of Committee: The Centre of Excellence, Alternative Energy & Renewable Centre (AERC)

Society Comittee member: International Association of Engineers (IAENG).

Research Interests/Expertise

- Thermal energy/exergy Systems
- Process thermodynamics, Organic Rankine Cycle
- Solar thermal energy conversion
- Renewable hydrogen Technology, heat and mass transport
- Nano fluid Applications
- Fluid Dynamics and Numerical Simulations
- Separation Systems (Heat and mass transfer in distillation processes, Chemical process optimization)
- Application of Multi-Objective Optimization in Decision Making.

ACADEMIC QUALIFICATIONS

Ph.D (Process Engineering) 2010
Brandenburg Technical University (BTU), Cottbus, **Germany**
Thesis Title: "Development of an Energy Module for the Multi-objective Optimisation of Complex Distillation Processes"

MSc in Energy Systems
Aachen University of Applied Sciences, Juelich **Germany** 2004
Program is by Course work.
Program content: Basics of Energy Systems, Industrial Energy technologies (Thermal Power plants), Plant Engineering, Sustainable Energy Systems and Energy Economics etc.
Title of Master thesis: "Optimization of Waste Incineration plant"

Diploma in Mine Mechanical Engineering
University of Science and Technology School of Mines, Tarkwa **Ghana** 1998
Title of Diploma thesis: Design of a Biogas Plant for electric power generation.

WORKING EXPERIENCE

Organisation 1:

Universiti Teknologi MARA (UiTM), Shah Alam, Malaysia 23rd April **2011 – present**
Faculty of Mechanical Engineering

Undergraduate teaching areas

- Thermodynamics II

- Thermal Engineering
- Heat and Fluid
- Fluid Mechanics

Leadership and Administrative Experience

Head of Laboratory Accreditation (ISO 17025)	2018	Present
Committee Member ICAME 2021	2021	2021
Committee Member ICTSEE 2021	2021	2021
Course Coordinator (Thermodynamics)	2013	2016
Committee Member ICAME 2013	2013	2013
Committee Member ICAME 2015	2015	2015
Academia and Research:		
Senior Lecturer	2011	Present
Panel Assessor (Undergraduate: Proposals, Progress and Final Year Project Report)	2011	Present
Panel Assessor (MSc; Proposals, and Progress Report)	2012	Present
Panel Assessor (PhD; Proposals, and Progress Report)	2012	Present

EXPERTISE CONTRIBUTIONS TO THE UNIVERSITY/OUTSIDE

Organisation	Nama of Position held	Role	Date	
			start	end
UTP	Speaker (industry seminar and exhibition)	Speaker	3/04/2017	4/04/2017
UiTM-IPSIS	Panel VIVIA Assessor (PhD; Thesis) Zainoor Hailmee Bin Solihin (2011272468)	Panel Assessor PhD thesis examiner	11-03-2018	18-04-2018
RMIT University Australia	PhD thesis examiner	examiner	05/092019	08/11/2019
UiTM-IPSIS	Panel VIVA Minit taker Nor Shamimi Binti Shaari@MD Noh (2014219862)	Panel Assessor	11-03-2018	18-04-2018
UiTM-IPSIS	Panel VIVA Minit taker Mohamad Faruqi bin Mohamed (2015679176)	Panel Assessor	20-03-2018	20-03-2018
UiTM-IPSIS	Panel Assessor (MSc; Proposals, and Progress Report) Khadijah Binti Hamzah (2016845578)	Panel Assessor	17-11-2017	17-11-2017
UiTM-IPSIS	Panel Assessor (MSc; Proposals, and Progress Report) Nuaraida Aadilia Binti Bahrin (2015508235)	Panel Assessor	17-11-2017	17-11-2017
UiTM-IPSIS	Panel Assessor (MSc; Proposals, and Progress Report) Sufia Binti Abdul Razak (2016495872)	Panel Assessor	22-03-2017	22-03-2017

UiTM-IPSIS	Panel Assessor (MSc; Proposals, and Progress Report) Muhammad Zubair Bin Abd. Rehim (2015775157)	Panel Assessor	17-11-2017	17-11-2017
FKM-UiTM	Proof Read	member	01/01/2018	31/12/2018
FKM-UiTM	(monograph) Engineering Mechanics and Materials	Member	01/04/2016	31/03/2017
Fraunhofer IEM Hannover, Germany	4th International Conference on System-Integrated Intelligence Intelligent, flexible and connected systems in products and production	Member	June 19th (Tue.) 2018	20th (Wed.) 2018
Fraunhofer IEM	German Malaysia workshop 2016, 3rd International Conference on System-integrated Intelligence: New Challenges for Product and Production Engineering, SysInt 2016,	Member	13-06-2016	17-06-2016
FKM-UiTM	Laboratory Accreditation Committee (ISO/IEC 17025)	leader	01-12-2018	01-01-2020
FKM-UiTM	Exam. Benkel,	Vetter of questions and answers (MEC551)	21st Feb 2018	31st August
FKM-UiTM	Exam. Benkel,	Vetter of questions and answers (MEC551)	Sept 2018	Feb 2019
FKM-UiTM	Students' Practical Training	As Visiting and Assessor	27 August, 2018	27 August, 2018
FKM-UiTM	Students' Practical Training	As Visiting and Assessor	July , 2020	October, 2020

Research Collaboration and networking/Expertise services/MoU

International levels

TARIKH	BENTUK JALINAN	PERINGKAT	NAMA INSTITUSI/ORGANISASI
26/09/2019	Initiating Research collaboration between FKM and DLR Germany-Publication	Antarabangsa	(DLR)/GERMAN AEROSPACE CENTER
14/10/2019	Initiating MOU between FKM(UiTM) and AFRIDAT UG (HAFTUNGSBESCHRÄNKT) GERMANY	Antarabangsa	AFRIDAT UG (HAFTUNGSBESCHRÄNKT) GERMANY
14/02/2020	Initiating Research collaboration between FKM and University of Engineering and Technology, G.T Road Lahore (54890) Lahore-Pakistan-Publication	Antarabangsa	University of Engineering and Technology, G.T Road Lahore (54890) Lahore-Pakistan
17/10/2019	Initiating MOU between FKM(UiTM) and University of Engineering and Technology, G.T Road Lahore (54890) Lahore-Pakistan	Antarabangsa	University of Engineering and Technology, G.T Road Lahore (54890) Lahore-Pakistan

2/14/2019	Research collaboration on Renewable energy technology	Kebangsaan	UiTM Solar power Sdn. Bhd.

Organisation 2:

Brandenburg Technical University (BTU), COTTBUS, GERMANY 2006 - 2010
Job Title: Research fellow and teaching assistant
Courses Taught:

- Process Design Modeling and Energy Optimization Using Aspen Plus Simulation Tool
- Computer Aided Engineering (CAE), using Comos Software to create a complete PFD / P&ID

Master (Research) Supervision Completed at BTU Cottbus, Germany

	Students Name	Thesis/ Research Title	Year Enrolled	Year End
1	Rafael Cárdenas (Main-supervisor)	Combination of Solar Thermal Power with the Distillation Process	2008	2009
2	Takoeta Samson (Main-supervisor)	Energy Optimization and Pollution Control Measures in Petrochemical Industry, a Case Study of a Unit of British Petroleum Plant	2006	2006

Organisation 3:

Voith Fabric GmbH, Dueren, Germany 2002 - 2005
Industrial Trainee

O**rganisation 4:**

Teberbie Gold fields Limited, Tarkwa, Ghana 1998 - 2000
Job Title: Mechanical Planning Assistant,
Duties include Preparation of preventive and major maintenance schedules

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ACADEMIC RESEARCH

On-Going Ph.D Supervisor

	Students Name	**Institution**	**Year Enrolled**	**Year End**
1	**Mohamad Faruqi Mohamed (Main-supervisor)**	**UiTM**	**2018**	**Present**
2	**A.H. Bin Abdol Rahim @ Ibrahim (Main-supervisor)**	**UiTM**	**2013**	**2018 Completed**
3	**Suhadiyana Hanapi (Co-supervisor)**	**UiTM**	**2013**	**2018 Completed**
4	**FATIN ATHIRAH BINTI MAZLAN (Co-supervisor)**	**UiTM**	**2020**	**Present**
5	**JEEVENTH KUBENTHIRAN (Co-supervisor)**	**UiTM**	**2021**	**Present**

On-Going Postgraduate (Master) Supervisor

	Students Name	Institution	Year Enrolled	Year End
1	**FATIN ATHIRAH BINTI MAZLAN (Main-supervisor)**	**UiTM**	**2016**	**2019 Completed**
2	**JEEVENTH KUBENTHIRAN (Main-supervisor)**	**UiTM**	**2018**	**2020 Completed**
	FATEN FAZRIN BINTI ABDULLAH @ GHAZALI (Main-supervisor)	**UiTM**	**Jan 2018**	**2019 Completed**
	MOHD SYUKRI KAMIL BIN SULAIMAN (2017466298) (Main-supervisor)	**UiTM**	**Jan 2018**	**March 2019 Completed**

BSc – Final Year Project Supervision			
Thesis Title	**Students Name**	**Institution**	**Year/Semester**
Analysis of Parabolic trough solar collector for providing Sustainable and renewable energy source for eco village in Malaysia.	BSc – FYP NUR SYAZWANI BINTI MD RASHID 2016238378	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
Design of an insulation material to reduce the effect of solar energy transfer into an eco-village container	BSc – FYP MUHAMMAD AIDIL BIN AMIRUDIN 2018276594	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
Numerical investigation of the effect of wind speed and solar radiation on performance of Solar Dish Stirling Engine of an eco-village in Malaysia	BSc – FYP Mohammad Aizuddin Bin Azmi 2019672386	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
Design of Fresnel Lens solar thermal system for providing Sustainable and renewable energy source for eco village Malaysia	BSc – FYP Idham Nadzmi Bin Wahab 2018435494	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
Analysis of Solar Dish Stirling Engine as a Sustainable and renewable energy source for eco village Malaysia	BSc – FYP MUHAMMAD HAKIMI AIZUDDIN BIN SHAMSUDDIN 2018435436	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
NUMERICAL INVESTIGATION OF THE EFFECT OF WIND SPEED AND SOLAR RADIATION ON PERFORMANCE OF LINEAR FRESNEL SOLAR REFLECTOR OF AN ECO-VILLAGE IN MALAYSIA.	BSc – FYP MUHAMMAD FARHAN BIN ZAINUDIN 2018673792	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)

Numerical Investigation of Fluid Flow and Convective Heat Transfer Characteristics Of Heat Sink WithVariable Geometrical Configuration	BSc – FYP MUHAMMAD AMIR BIN `ARIS 2018276674	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
Computational Analysis of Fluid Flow and Convection Heat Transfer Characteristics of Multiple Heat Sink with Variable Overlap Configurations	BSc – FYP NURAIN FATIHAH BINTI NORAZAM 2018653506	UiTM-Shah Alam	Sept 2021-Jan2022/ Sem (1)
Numerical Investigation Of Fluid Flow And Convective Heat Transfer Characteristics Of Heat Sink With Variable Geometrical Configuration	FATIMAH BINTI HAMRI @ HAMRING 201952797	UiTM-Shah Alam	March 2021-July 2021/ Sem (2) Sept 2021-Jan 2022/ Sem (1)
Numerical Analysis Of Forced Convection Heat Transfer Of Horizontal Cylinder Heat Sink With Perforated Branched Fins	NUR HANANI BINTI RUZLI 2019702085	UiTM-Shah Alam	March 2021-July 2021/ Sem (2) Sept 2021-Jan 2022/ Sem (1)
Computational Analysis of Fluid Flow and Convection Heat Transfer Characteristics of Multiple Heat Sink with Variable Overlap Configurations	NURUL AMIRA BINTI CHE AZIZAN 2019725287 ALHASSAN SALAMI TIJANI	UiTM-Shah Alam	March 2021-July 2021/ Sem (2) Sept 2021-Jan 2022/ Sem (1)
NUMERICAL ANALYSIS OF FORCED CONVECTION HEAT TRANSFER OF HORIZONTAL CYLINDER HEAT SINK WITH PERFORATED BRANCHED FINS	BSc – FYP CIK NUR ZAIMAH BINTI HASSIM 2018693828	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem (2)
EFFECTS OF TEMPERATURE AND WIND SPEED ON ECONOMIC AND ENVIRONMENTAL FEASIBILITY OF DIFFERENT SOLAR PV SYSTEM IN MALAYSIA	BSc – FYP KHAIRUNA ANISHA BINTI AHMAD SHAFIE 2018657464	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem (2)
NUMERICAL ANALYSIS OF BUBBLE EVOLUTION AND CONVECTION TRANSPORT MECHANISM EFFECT ON THE OPERATING VOLTAGE AND EFFICIENCY ESTIMATION OF POLYMER ELECTROLYTE MEMBRANE ELECTROLYSIS	BSc – FYP 2018400628 NUR AMIRAH BINTI MOHAMAD ZEN	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem (2)
COMPUTATIONAL ANALYSIS OF FLUID FLOW	BSc – FYP	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem

AND CONVECTION HEAT TRANSFER CHARACTERISTICS OF MULTIPLE HEAT SINK WITH VARIABLE OVERLAP CONFIGURATIONS	2018250094 NOOR AFIQAH BINTI ABDUL LATIF		(2)
NUMERICAL INVESTIGATION OF FLUID FLOW AND CONVECTIVE HEAT TRANSFER CHARACTERISTICS OF HEAT SINK WITH VARIABLE GEOMETRICAL CONFIGURATION	BSc – FYP 2018264642 NUR AFRINA BINTI ZUBIL	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem (2))
NUMERICAL ANALYSIS OF BUBBLE EVOLUTION AND CHARGE TRANSFER COEFFICIENT EFFECT ON THE OPERATING VOLTAGE AND EFFICIENCY ESTIMATION OF ALKALINE ELECTROLYSIS	BSc – FYP 2018400162 NUR NADHIRAH SYAFIQA BINTI MOHAMMAD MUSA	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem (2)
EFFECT OF BULGES SHAPE ON HEAT TRANSFER CHARACTERISTICS OF PUN FIN HEAT SINK UNDER FORCED CONVECTION	BSc – FYP 2018292438 NUR NAJIHAH BINTI ABDUL HALIM	UiTM-Shah Alam	Sept 2019-Jan 2020/ Sem (1) March 2020-July 2020/ Sem (2)

RECENT REFEREED JOURNAL ARTICLES

1. Nuraini Binti Sukhor, **Alhassan Salami Tijani**, Jeeventh Kubenthiran & Ibrahim Kolawole Muritala **(2021)** Computational modeling of thermal characteristics of hybrid nanofluid in micro-pin fin heat sink for electronic cooling, International Journal of Green Energy, DOI: 10.1080/15435075.2021.1890086 **Q3; IF: 1.388**

2. **AS Tijani,** MFA Ghani, AHA Rahim, IK Muritala, FAB Mazlan Electrochemical characteristics of (PEM) electrolyzer under influence of charge transfer coefficient (2019) International Journal of Hydrogen Energy 44 (50), 27177-27189. DOI: https://doi.org/10.1016/j.ijhydene.2019.08.188. **Q1; IF: 4.939**
3. **Tijani, A.S.,** Binti Kamarudin, N.A., Binti Mazlan, F.A. Investigation of the effect of charge transfer coefficient (CTC) on the operating voltage of polymer electrolyte membrane (PEM) electrolyzer (2018) International Journal of Hydrogen Energy, 43 (19), pp. 9119-9132. DOI: 10.1016/j.ijhydene.**2018**.03.111, **Q1; IF: 4.939**

4. **Alhassan Salami Tijani,** Ahmad Suhail bin Sudirman, Thermos-physical properties and heat transfer characteristics of water/anti-freezing and Al2O3/CuO based nanofluid as a coolant for car radiator, *International Journal of Heat and Mass Transfer*, 118 (2018) 48–57. **ISSN: 0017-9310; Index: SCOPUS/ISI, H Index 153, Q1; IF: 4.947**

5. A.H. Abdol Rahim, **Alhassan Salami Tijani**, S.K. Kamarudinb, S. Hanapi, An overview of polymer electrolyte membrane electrolyzer for hydrogen production: Modeling and mass transport, *Journal of Power Sources* 309 (2016) 56-65. **ISSN: 03787753; Index: SCOPUS/ISI, H Index 211, Q1; IF: 8.247**

6. A. H. Abdol Rahim, Alhassan Salami Tijani, Modeling and Analysis the Effects of Temperature and Pressure on the Gas-Crossover in Polymer Electrolyte Membrane Electrolyzer, *International Scholarly and Scientific Research & Innovation* 10(1) 2016

7. **Tijani, A.S.,** Jamarei, M.J.B., Numerical investigation of thermal losses from air filled annulus of a parabolic trough solar collector, *Journal of Mechanical Engineering, Volume 13, Issue 2, 2016, Pages 1-15.* **ISSN:18235514; Index: SCOPUS, H Index 2, Q3; IF 0.22**

8. **Alhassan Salami Tijani**, Danial Barr, A.H.Abdol Rahim, Computational Modelling of the Flow Field of An Electrolyzer System using CFD, *Energy Procedia 79 (2015) 195 – 203.* **ISSN: 1876-6102; Index: SCOPUS, H Index 41, Q3IF 0.78.**

9. A. H. Abdol Rahim, **Alhassan Salami Tijani**, Muhammad Fadhlullah, S. Hanapia, K.I. Sainana, Optimization of Direct Coupling Solar PV Panel and Advanced Alkaline Electrolyzer System, *Energy Procedia, 79 (2015) 204 – 211*. **ISSN: 1876-6102; Index: SCOPUS, H Index 41, Q3 IF 0.78**

10. S. Hanapia, **Alhassan Salami Tijani**, A. H. Abdol Rahim, W. A. N. Wan Mohamed Exergy Efficiency Profile of A 1kW Open Cathode Fuel Cell with Pressure and Temperature Variations, *Energy Procedia* 79 (2015) 82 – 89. **ISSN: 1876-6102; Index: SCOPUS, H Index 41, Q3 IF 0.78**

11. S. Hanapia, **Alhassan Salami Tijani**, A. H. Abdol Rahim, W. A. N. Wan Mohamed, Comparison of A Prototype PEM Fuel Cell Powertrain Power Demand and Hydrogen Consumption Based on Inertia Dynamometer and On-Road Tests, *Energy Procedia* 79 (2015) 73 – 81. **ISSN: 1876-6102; Index: SCOPUS, H Index 41, Q3 IF 0.78**

12. A.H. Abdol Rahim, **Alhassan Salami Tijani**, Farah Hanun Shukri, Simulation Analysis of the Effect of Temperature on Overpotentials in PEM Electrolyzer System, *Journal of Mechanical Engineering, Vol. 12, No. 1, 47-65, 2015.* **ISSN: 1823-5514; Index: SCOPUS, H Index 2, Q3; IF 0.22**

13. S. Hanapi, M.H.A Mohd Fakharuzi, A.H. Abdol Rahim, **AlHassan Salami Tijani**, K.I. Sainan1and W.A.N. Wan Mohamed, EFFECT OF GEAR RATIO ON THE DC MOTOR EFFICIENCY OF A MINIFUEL-CELL VEHICLE CRUISING AT CONSTANT SPEEDS, *Journal of Mechanical Engineering and Sciences (JMES)*, Volume 8, pp. 1460-1471, June 2015. **(ISSN (Print): 2289-4659; e-ISSN: 2231-8380) Index: SCOPUS, H Index 9, Q3; IF 0.561**

14. **AlHassan Salami Tijani** Mohd Rashid Halim, ANALYSIS O F THERMAL EFFICIENCY OF OPEN CYCLE GAS TURBINE POWER PLANT AT PUTRAJAYA (MALAYSIA), *Jurnal Teknologi (Sciences & Engineering)* 75:1(2015) 1–6. **ISSN: 01279696, 21803722; Index: SCOPUS, H Index 9, Q2; IF 0.41**

15. **Alhassan Salami Tijani** and Mohd Ariffuddin Haiyoon, Simulation Analysis of the Effect of Temperature and Exchange Current Density on Power and Hydrogen Production of (PEM) Electrolyzer, *Applied Mechanics and Materials* Vol. 660 (2014) pp 411-415 doi:10.4028/www.scientific.net/AMM. 660.411. **ISSN:16609336; Index: SCOPUS, H Index 9, Q4; IF 0.16.**

16. **Alhassan Salami Tijani**, Ku Muhammad Ridzuan Ku Suid, Yazhar Yatim, Simulation and Optimization of a Stand-Alone Sustainable Renewable, *Vols. 465-466 (2014) pp 172-176.* doi:10.4028/www.scientific.net/AMM.465-466.172. **ISSN:16609336; Index: SCOPUS, H Index 9, Q4; IF 0.16.**

17. **Alhassan Salami Tijani**, Naveed Ramzan, OPTIMIZATION OF DISTILLATION UNIT INTERMS OF POTENTIAL ENVIRONMENTAL IMPACT AND ECONOMICS, *The Malaysian Journal of Analytical Sciences*, Vol 17 No 2 (2013): 291 – 299.

18. **Alhassan Salami Tijani**, Nazri M., Werner W., Saving primary energy consumption through exergy analysis of combined distillation and power plant, *Scientific Research Journal, Vol.9 No. 2, 2012,ISSN 1675-7009.*

Refereed Conference Papers and other articles

1. Kubenthiran J., **Tijani A.S.,** Akmad M.S.B. (2021) Thermal Energy Recovery from Grid Connected Photovoltaic-Thermal (PVT) System Using Hybrid Nanofluid. In: Osman Zahid M.N., Abdul Sani A.S., Mohamad Yasin M.R., Ismail Z., Che Lah N.A., Mohd Turan F. (eds) Recent Trends in Manufacturing and Materials Towards Industry 4.0. Lecture Notes in Mechanical Engineering. Springer, Singapore. https://doi.org/10.1007/978-981-15-9505-9_72
2. **Alhassan Salami Tijani**, Aisyah Maisarah Epandi, Sajith Thottathil Abdulrahman, Jeeventh Kubenthiran, Ibrahim Kolawole Muritala. THERMOS-PHYSICAL PROPERTIES AND HEAT TRANSFER CHARACTERISTICS OF AL2O3 AND CUO NANOFLUID WITH WATER/ETHYLENE GLYCOL AS COOLANT IN A FLAT TUBE OF CAR RADIATOR
3. **A. S. Tijani** and N. B. Jaffri, "Thermal analysis of perforated pin-fins heat sink under forced convection condition," Procedia Manuf., vol. 24, pp. 290–298, 2018. 4th International Conference on System-Integrated Intelligence Intelligent, flexible and connected systems in products and production June 19th (Tue.) and 20th (Wed.) 2018: Hannover, Germany.
4. A. H. A. Rahim, A. S. Tijani, F. H. Shukri, S. Hanapi and K. I. Sainan, "Mathematical modelling and simulation analysis of PEM electrolyzer system for hydrogen production," *3rd IET International Conference on Clean Energy and Technology (CEAT) 2014*, Kuching, 2014, pp. 1-7, doi: 10.1049/cp.2014.1466.

5. Suhadiyana H, **AlHassan Salami Tijani**, M. A. A. Zambri, M.H.A.Mohd Fakharuzi, A. H. Abdol Rahim, K. I. Sainan, W.A.N.W. Mohamed "Data acquisition system for on-track performance analysis of a mini fuel cell vehicle," *3rd IET International Conference on Clean Energy and Technology (CEAT) 2014*, Kuching, 2014, pp. 1-6, doi: 10.1049/cp.2014.1501.

6. **Alhassan Salami Tijani,** A.H. Abdol Rahim, Numerical Modeling The Effect of Operating Variables on Faraday Efficiency in PEM Electrolyzer, **3rd International Conference on System-integrated Intelligence: New Challenges for Product and Production Engineering, SysInt 2016, June 13th (Mon.) 15th (Wed.) 2016: Paderborn, Germany.**

7. **Alhassan Salami Tijani**, A.H. Abdol Rahim, Mohd Khairulddin Badrol Hisam, A study of the loss characteristic of a high pressure electrolyzer system for hydrogen production, *Jurnal Teknologi (Sciences & Engineering) 75:8 (2015) 65–69.* **ISSN: 01279696, 21803722; Index: SCOPUS, H Index Q2; IF 0.41. 4th International Conference on Advances in Mechanical Engineering from 26 -27 August, 2015, ICAME 2015 BALI, Indonisia.**

8. **Alhassan Salami Tijani**, Nur Afiqah Binti Yusup, A. H. Abdol Rahim, Mathematical modelling and simulation analysis of advanced alkaline electrolyzer system for hydrogen production, *Procedia Technology*, 15 (2014) 799 – 807, doi: 10.1016/j.protcy.2014.09.053. **(2nd International Conference on System-Integrated Intelligence: Challenges for Product and Production Engineering,2-4 July 2014, Bremen, Germany).**

9. **Alhassan Salami Tijani** , Ashraf M.S. Bin Roslan, Simulation Analysis of Thermal Losses of Parabolic trough Solar Collector in Malaysia Using Computational Fluid Dynamics, *Procedia Technology*, 15 (2014) 842 – 849, DOI: 10.1016/j.protcy.2014.09.058. **(2nd International Conference on System-Integrated Intelligence: Challenges for Product and Production Engineering,2-4 July 2014, Bremen, Germany).**

10. **Alhassan Salami Tijani**, AHMED Jaffar, S. Kasolang, NORHAYATI Saad, Energy and Exergy Optimization of Hydrocarbon Recovery (HCR) Plant Considering Potential Environmental Impact and Economics, *Applied Mechanics and Materials Vol. 393 (2013) pp 832-838.* **ISSN:16609336; Index: SCOPUS, H Index 9, Q4; IF 0.16. Proceedings of the International Conference on Advances in Mechanical Engineering ICAME2013, 28--29 Aug 2013, Malaka, Malaysia.**

11. **Alhassan Salami Tijani**, Witt, W., Dietzsch, L., (2007). Process and Plant Improvement Using Extended Exergy Analysis, a Case Study. Revista de Chimie volume 4 pp 392-396. **17th European Symposium on Computer Aided Process Engineering,** 23 to 27/05/2007, Bucharest, Romania.

Book Chapter

Book Title Recent Trends in Manufacturing and Materials Towards Industry 4.0

1. J. Kubenthiran · A. S. Tijani (B) · M. S. B. Akmad, (2021) Thermal Energy Recovery from Grid Connected Photovoltaic-Thermal (PVT) System Using Hybrid Nanofluid, Lecture Notes in Mechanical Engineering, Springer Nature Singapore Pte Ltd. 2021, https://doi.org/10.1007/978-981-15-9505-9_72

Conference and Seminar

	Conference Name	Role	Venue	Date
1	1ST INTERNATIONAL CONFERENCE ON THERMOFLUIDS, SUSTAINABLE ENERGY AND ENVIRONMENT (ICTSEE) 2021	CHAIRPERSON Author & Presenter	Virtual, UiTM Shah Alam Branch	12 March 2021
2	2^{n} International Conference on Aviation Technology and Management 2021 (ICATeM 2021)	Committee member	Virtual, UiTM Shah Alam Branch	12 March 2021
3	Innovative Manufacturing, Mechatronics & Materials Forum 2020 (iM3F 2020)	Author & Presenter	Virtual, Universiti Malaysia Pahang (UMP)	6th, August 2020
4	INTERNATIONAL INVENTION, INNOVATION & DESIGN COMPETITION 2020 (3iDC2020)	Author & Presenter	UiTM Kedah Branch	August 2020
5	first International Conference on Aviation Technology and Management 2018 (ICATeM 2018 Kuala Lumpur, Malaysia on 12-14 of September 2018.)	Chair session	Kuala Lumpur, Malaysia	12-14 of September 2018.)
6	first International Conference on Aviation Technology and Management 2018 (ICATeM 2018 Kuala Lumpur, Malaysia on 12-14 of September 2018.)	Author & Presenter	Kuala Lumpur, Malaysia	12-14 of September 2018.)
7	4th International Conference on System-Integrated Intelligence Intelligent, flexible and connected systems in products and production	Author & Presenter	Hannover, Germany.	June 19th (Tue.) and 20th (Wed.) 2018
8	3rd International Conference on System-integrated Intelligence: New Challenges for Product and Production Engineering, SysInt 2016,	Author & Presenter	Paderborn, Germany	13-15 June (2016)
9	4th International Conference on Advances in Mechanical Engineering ICAME	Author & Presenter	BALI, Indonisia.	26 -27 August, 2015
10	International Conference on Alternative Energy in Developing Countries and Emerging Economics	Author & Presenter	Bangkok, Thailand	28-29 May 2015
11	2nd International Conference on System-Integrated Intelligence: Challenges for Product and Production Engineering,	Author & Presenter	Bremen, Germany	2-4 July 2014
12	3RD IET, INTERNATIONAL CONFERENCE ON CLEAN ENERGY AND TECHNOLOGY (CEAT)	Author	Sarawak, Malaysia	24-26 Nov. 2014
13	Proceedings of the International Conference on Advances in Mechanical Engineering ICAME 2013	Author & Presenter	Malaka, Malaysia	28-29 Aug 2013
14	17th European Symposium on Computer Aided Process Engineering	Author & Presenter	Bucharest, Romania	23 to 27/05/2007

Journal Reviewer (International/National)

- Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904

- Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311
- International Journal of Hydrogen Energy, Publisher: Elsevier, ISSN: 0360-3199
- Journal of Mechanical Engineering (International Journal), UiTM Press, ISSN 1823-5514. SCOPUS indexed.
- Environmental Progress & Sustainable Energy (International Journal), John Wiley & Sons, ISSN: 1944-7450

Paper Reviewer (International/National conference)

- 4th International Conference on Advances in Mechanical Engineering (ICAME 2015)
- 3rd International Conference on System-integrated Intelligence SysInt 2016,
- 2nd International Conference on System-Integrated Intelligence: Challenges for Product and Production Engineering
- Proceedings of the International Conference on Advances in Mechanical Engineering ICAME 2013

Consultancy works based on providing expert advice as reviewer, evaluator and/or content editor of scholarly works

Type of consultancy	Project Amount (RM)	Organization	Date		Status
			start	end	
Renewable energy summer school	RM 2000	FKM-UiTM-Universitas Jayabaya Jakarta	20 Feb 2019	22 Feb 2019	Completed
Moderation of Final Exams/Panel of External Examiner	150	INTI International College, Subang	August 2018	August 2018	Completed
Moderation of Final Exams/Panel of External Examiner	150	INTI International College, Subang College	September 2017	September 2017	Completed
International Reviewed manuscripts					
Titles	Project Amount (RM)	Journal	start	end	Status
Performance assessment of gas crossover phenomenon and water transport mechanism in high pressure PEM electrolyzer	-	International Journal of Hydrogen Energy Elsevier, ISSN: 0360-3199 Impact Factor: 4.939	07-10-2020	08-02-2020	Accepted
Performance Evaluation of Enhanced Cross-Flow Split Serpentine Flow Field Design for higher active area PEM Fuel Cells	-	International Journal of Hydrogen Energy Elsevier, ISSN: 0360-3199 **Impact Factor: 4.939**	10-29-2019	11-18-2019	Accepted
Effect of membrane selection on isopropanol dehydrogenation in proton exchange membrane electrochemical cells	-	International Journal of Hydrogen Energy Elsevier, ISSN: 0360-3199 **Impact Factor: 4.939**	08-12-2019	09-08-2019	Accepted

Prediction of photovoltaic solar energy using Random Forest regression compared to Support Vector Regression and Neural Network.	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Jan 14, 2020	Feb 07, 2020	Reject
A black-box model of a TJ cell in a point-focus CPV/T system	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Feb 05, 2020	Mar 13, 2020	Reject
Optimal Design of Switching Matrix for Shaded PV array Dynamic Reconfiguration Based on Multi-Objective Grey Wolf Optimizer	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Mar 27, 2020	Apr 17, 2020	Reject
Thermodynamic Analysis of a Theoretical Model of Two Thermal Mediums Heat-work Conversion System: The Exergy-driven Thermodynamic Process	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Jun 13, 2020	Jul 02, 2020	Reject
Impact of Power-to-Gas on distribution systems with large renewable energy penetration	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Jun 24, 2020	Jun 24, 2020	Accept
Assessment of the potential of different floating solar technologies - Overview and analysis of different case studies	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Feb 15, 2020	Mar 04, 2020	Accept

Dispatchability of Solar Photovoltaics from Thermochemical Energy Storage	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Jan 05, 2019	Jan 29, 2019	Accept
Coupled thermal-optical numerical modeling of PV/T module — Combining CFD approach and two-band radiation DO model	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Mar 02, 2019	Apr 12, 2019	Accepted
Active Thermal Management between Proton Exchange Membrane Fuel Cell and Metal Hydride Hydrogen Storage Tank Considering Long Term Operation	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Jul 21, 2019	Aug 16, 2019	Accepted
NOx reduction potential on a Euro VI Heavy Duty vehicle using an electric exhaust gas heater coupled to the after treatment system	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Nov 14, 2019	Dec 09, 2019	Reject
Hybrid Life cycle assessment for a novel adiabatic compressed air energy storage system	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Jul 22, 2018	Aug 10, 2018	Reject
Modelling and Simulation of Electrochemical Analysis of Hybrid Spark-Ignition Engine Using Hydroxy (HHO) Dry Cell	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Aug 22, 2018	Sep 07, 2018	Accept

Comparative Analysis of the Performance of a Thermoelectric, Eolic and Photovoltaic Plants	-	Energy Conversion and Management (International Journal), Publisher: Elsevier , ISSN: 0196-8904 **Impact Factor: 8.208**	Mar 07, 2018	Mar 28, 2018	Reject
THERMOS-PHYSICAL PROPERTIES AND HEAT TRANSFER CHARACTERISTICS OF WATER/ANTI-FREEZING AND Al2O3/CuO BASED NANOFLUID AS A COOLANT FOR CAR RADIATOR	-	International Journal of Heat and Mass Transfer Publisher: Elsevier, ISSN: 0017-9310 **Impact Factor: 4.947**	01/08/2016	19/10/2017	Accept
Waste Heat Recovery of Wind Turbines using the Organic Rankine Cycle	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	05/03/2018	07/06/2018	Reject
Experimental Study on Boiling Heat Transfer of Graphene Nanosheets/Alumina Nanofluids	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	June 2019	Aug 28, 2019	Reject
Effect of geometrical parameters on thermal efficiency and fuel consumption of heaters of natural gas pressure reduction station using Sobol statistical sensitivity analysis	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	Apr 01, 2019	May 02, 2019	Reject
Thermodynamic analysis of space regenerative ORC (SRORC) system for automotive waste heat recovery	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	Apr 01, 2019	May 01, 2019	Reject

Waste Heat Recovery of Wind Turbines using the Organic Rankine Cycle	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	Mar 05, 2018	Mar 11, 2018	Reject
Analysis and optimization of a single-stage Rankine Cycle with multi-component working fluids for LNG cold energy recovery	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	Dec 18, 2017	Dec 20, 2017	Reject
Parametric study of a novel organic Rankine cycle combined with a cascade refrigeration cycle (ORC-CRS) using natural refrigerants	-	Applied Thermal Engineering (International Journal), Publisher: Elsevier , ISSN: 1359-4311 **Impact Factor: 4.725**	Jun 24, 2017	Aug 08, 2017	Accept
Experimental investigation of a PCM - based solar powered winter air-conditioning using desiccant wheel during nocturnal	-	Environmental Progress & Sustainable Energy (International Journal), John Wiley & Sons, ISSN: 1944-7450	04-Mar-2016	15-Apr-2016	Accept
Towards the scale up of a pressurized-jet microfluidic flow-through reactor for cost-effective electro-generation of H2O2	-	Journal of Cleaner Production, Publisher: Elsevier, ISSN: 0959-6526 **Impact Factor: 7.246**	Oct 08, 2018	Sep 30, 2018	Accept
I have been active reviewer for JmechE for the past 6 years	-	Journal of Mechanical Engineering (International Journal), UiTM Press, ISSN 1823-5514. SCOPUS indexed.	2013	On going	

Conference Organizing Committee

1. 2nd International Conference on Aviation Technology and Management 2021 (ICATeM 2021) Kuala Lumpur, virtual conference, Kuala Lumpur, Malaysia, March 7-9, 2021

Role
- Track editor
- Session Chairperson

2. International Conference on Thermofluids, Sustainable Energy & Environment (ICTSEE 2021), Kuala Lumpur, virtual conference, Kuala Lumpur, Malaysia, March 7-9, 2021

Role
- Track editor
- Session Chairperson

3. 4th International Conference on Advances in Mechanical Engineering (ICAME 2015) 26-27 August, 2015, Patra Jasa Bali, Indonesia
Role
- Special Taskforce Committee 26-27 August
- Session Chairperson

4. 3rd International Conference on Advances in Mechanical Engineering (ICAME 2013), 28-29 August, 2013, Malacca, Malaysia.
Role
- Sponsorship Committee
- Session Chairperson

PATENT/ COPYRIGHT/ INTELECTUAL PROPERTY

- "Smartalkaline Electro H2" Copyright number: MyIPO (LY2020000961) (Team Leader), 11 February 2020
- "A New Simulation Code For Renewable Hydrogen Production" Copyright number MyIPO (CRLY00020725) 23 September 2019

AWARDS & RECOGNITION

International Level

1. International Tinker Innovation and Entrepreneurship challenge 2019 **Gold award**

2. International, Invention, Innovation & Design Competition 2020 (3iDC2020) **Silver award**

3. i-IDeA 2020 - 5TH INTERNATIONAL INNOVATION, DESIGN & ARTICULATION **Silver award**

3. Best Paper Award

Received from the first International Conference on Aviation Technology and Management 2018 (ICATeM 2018 Kuala Lumpur, Malaysia on 12-14 of September 2018.) **BEST PAPER AWARD for the article:** Alhassan Salami Tijani, Amer Farhan Bin Md Tahir , Jeeventh Kubenthiran and Baljit Singh Bhathal Singh, Thermal Energy Recovery from a Grid Connected Photovoltaic-Thermal (PVT) System Using Water as Working Fluid, Under Review at International Journal of Engineering & Technology

Received from the 4th International Conference on Advances in Mechanical Engineering (ICAME 2015) 26-27 August, 2015, Patra Jasa Bali, Indonesia, **BEST PAPER AWARD for the article:** Alhassan Salami Tijani, A.H. Abdol Rahim, Mohd Khairulddin Badrol Hisam, A study of the loss characteristic of a high pressure electrolyzer system for hydrogen production, *Jurnal Teknologi (Sciences & Engineering) 75:8 (2015) 65–69.*

ISSN: 01279696, 21803722; Index: SCOPUS, H Index 9, Q3; IF 0.28. The Award is to recognize the best manuscript from a total of 120 articles

4. Best Oral Presentation Award

Received from the 4th International Conference on Advances in Mechanical Engineering (ICAME 2015) 26-27 August, 2015, Patra Jasa Bali, Indonesia, **BEST ORAL PRESENTATION AWARD for the article:** Alhassan Salami Tijani, A.H. Abdol Rahim, Mohd Khairulddin Badrol Hisam, A study of the loss characteristic of a high pressure electrolyzer system for hydrogen production, *Jurnal Teknologi (Sciences & Engineering) 75:8 (2015) 65–69*. ISSN: 01279696, 21803722; Index: SCOPUS, H Index 9, Q3; IF 0.28. The Award is to recognize the best oral presentation from a total of 10 presenters in a session.

5. Best Oral Presentation Award

Received from the 4th International Conference on Advances in Mechanical Engineering (ICAME 2015) 26-27 August, 2015, Patra Jasa Bali, Indonesia, **BEST ORAL PRESENTATION AWARD for the article:** Alhassan Salami Tijani, Mohd Rashid Halim, ANALYSIS O F THERMAL EFFICIENCY OF OPEN CYCLE GAS TURBINE POWER PLANT AT PUTRAJAYA (MALAYSIA), *Jurnal Teknologi (Sciences & Engineering) 75:1(2015) 1–6*. ISSN: 01279696, 21803722; Index: SCOPUS, H Index 9, Q3; IF 0.28. The Award is to recognize the best oral presentation from a total of 10 presenters in a session.

International Panel of Judges for Invention & Innovation Competition

- International Panel of Judges for The 3rd DIGITALISED INTERNATIONAL INVENTION, INNOVATION AND DESIGN JOHOR 2020, 27 of August, 2020

Other Awards

Name of Award	Organisation	Level	Year
Award for Outstanding contribution in Reviewing	Applied Thernal Engineering (Elsevier)	International	Nov 2016
Award for Outstanding contribution in Reviewing	Journal of cleaner Production (Elsevier)	International	Oct 2018
Award for Outstanding contribution in Reviewing	Electrochimica Acta (Elsevier)	International	August 2018
Award for Outstanding contribution in Reviewing	Energy conversion and management (Elsevier)	International	March 2018
High Impact Publication Award Day in conjunction with Dean Staff Appraisal Day	UiTM Incentive Award for High Impact Publication	UiTM-FKM	2018
High Impact Publication Award Day in conjunction with Dean Staff Appraisal Day	UiTM Incentive Award for High Impact Publication	UiTM-FKM	2019
UiTM Outstanding Service Award	Excellent Service Award	UiTM	2017

Contribution to student activity
International Level (Advisor to Students' Innovation Team)

NAMA AKTIVITI/PROGRAM/PROJEK	JAWATAN	PERINGKAT	PENJELASAN AKTIVITI / PROGRAM / PROJEK DAN SUMBANGAN
students activity	Judge for Tilawat Alquran	FKM	Judge for Tilawat Alquran
Speak out for Engineering- FKM (SOFE) 2019	Judge	FKM	Judge for (SOFE) 2019
Charity with Ophans	Acompany students to Ophanage (Program Adviser)	FKM	cleanup activity including painting and Gift presentation
Speak out for Engineering- FKM (SOFE) 2019	Judge	FKM	Judge for (SOFE) 2020

References

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