



## CURRICULUM VITAE



### I. PERSONAL PARTICULARS

<b>Name</b>	<b>ASSOC. PROF Ts. DR. NORLI BINTI ABDULLAH</b>
<b>Current Position Faculty / Department</b>	<b>SENIOR LECTURER DEPARTMENT OF CHEMISTRY &amp; BIOLOGY, CENTRE FOR DEFENCE FOUNDATION STUDIES</b>

### II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

<b>Year</b>	<b>Degree</b>	<b>Discipline</b>	<b>University</b>
2012	Doctor of Philosophy	Advanced Material (Catalysis)	University of Malaya
2004	Master of Philosophy	Advanced Material (Catalysis)	University of Malaya
2001	Bachelor of Science (Honours)	Petroleum Chemistry	University Putra Malaysia

### III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)

<b>No.</b>	<b>TITLES OF POSTGRADUATE THESES</b>
1.	Design of Bio-Supported Nanostructure : Synthesis Parameter (PhD)
2.	UV/Vis/NIR Diffuse Reflectance Studies of Structurally Complex Molybdenum Oxide as Model Catalyst (M.Phil)

**IV. WORK EXPERIENCE**

<b>Year</b>	<b>Position</b>	<b>Organisation</b>	<b>Start and End Date</b>
2017- Current	Assoc Prof	Education	Chemistry Department, Pusat Asasi Pertahanan, Universiti Pertahanan Nasional Malaysia
2016-2016	Post-doctoral	Researcher / R&D	Catalysis Research Center, University College London, England.
2014- 2015	Senior Lecturer	Education	Chemistry Department, Pusat Asasi Pertahanan, Universiti Pertahanan Nasional Malaysia
2012- 2014	Lecturer	Education	Chemistry Department, Pusat Asasi Pertahanan, Universiti Pertahanan Nasional Malaysia
2009-2012	R&D Executive / Chemist	Industrial R&D	Hygienilac Sdn. Bhd. Kuala Lumpur.
2009	Senior Chemist	Laboratory Service	NanoC Sdn. Bhd. Sunway Damansara, Selangor.
2009	Teacher	Education	Kumon Centre, Kuala Lumpur.
2009	Researcher	Laboratory Service	Nano Catalysts Centre, University of Malaya.
2004-2005	Researcher	R&D	Nano Catalysts Centre, University of Malaya . (pursuing master's degree)
2002-2003	Research Assistant	R&D	Fritz Haber Insitute The Max Planck Society, Berlin, Germany. (Attachment)
1999 - 2002	Lab Demonstrator	Education	Department of Chemistry, Universiti Putra Malaysia, Selangor

**1.0 TEACHING AND SUPERVISION****1.1 Postgraduate Courses**

<b>No.</b>	<b>Course Title</b>	<b>Semester</b>	<b>Year</b>
1.	Research Methodology – Writing Research proposal	Post-Graduate	Series 1
2.	Research Methodology – Writing Research proposal	Post-Graduate	Series 1

**1.2 Pre-degree Courses**

<b>No.</b>	<b>Course Title</b>	<b>Semester</b>	<b>Year</b>
1.	FCH 0216 Chemistry 1 & FCH 0226 Chemistry 2	1 & 2	2013-2015
2.	FCH 0216 Chemistry 1 & FCH 0226 Chemistry 2	1 & 2	2018-2023

### 1.3 PhD Supervision

No.	Name of Student	Project Title	Date of Registration	Role	Status	University
1.	Dr Khairunissa Wahidah	Systematic Experimental Studies of Thermal Conductivity and Stability of Hybrid Reduced Graphene Oxide / Metal Oxide Water based Nanofluids	May 2023	Main Mentor (Postdoctoral)	Completed	UPNM
2.	Dr. Mohd Nurazzi bin Norizan	Role of Intermolecular Interaction in Conductive Polymer Wrapped MWCNT as Organophosphate Sensing Material Structure	May 2019	Main Mentor (Postdoctoral)	Completed	UPNM
3.	Nur Jahirah Binti Janudin	The effect and Selectivity of Polymer Functionalised CNT for Sensor Development of VOC Organic Compounds.	Jun 2018	Co-Supervisor	Completed	UPNM
4.	Zakiah Jamingan	Lipase catalyzed synthesis of epoxidized fatty hydrazides from palm oil and their application as a clay modifier for pla/epo/organoclay nnocomposites.	Jun 2017	Co-Supervisor	Completed	UPNM
5.	Thachnathare n A/L Nagarajan	<u>Enhanced Tribological Performance of MoS<sub>2</sub> Hybrid Nanoparticles as Nano additives in Diesel-Based Engine</u>	Jun 2022	Co-supervisor	On-going	UPNM
6.	Mardhiahtul Iftiah Ariffin	Development of Gold Nanoparticles based Colorimetric	Jun 2019	Co-supervisor	On-going	UPNM

		Aptasensor for Detection Malathion				
7.	Nurfahana Salimen	Performance Analysis of Photovoltaic Thermal Integrated with Nano Phase Change Material and Nanofluid Based Coolant	May 2023	Co-supervisor	On-going	UTeM
8.	Mohamad Riduan Ramli	Performance Analysis of Photovoltaic Thermal System Using Graphene Nanoplatlet With Ethylene Glycol-Based Nanofluids	May 2023	Co-supervisor	On-going	UTeM

#### 1.4 PhD External/Internal Examination

No.	Name of Student	Project Title	External / Internal	Date of Viva	University

#### 1.5 MSc (by Research)

No.	Name of Student	Project Title	Date of Registration	Role	Status	University
1.	Nor Shafiqah Mohamad Saidi (M.Sc)	Determination of Thermal Properties of Carbon Based Nanofluids s heat Transfer Media	Januari 2014	Main-supervisor	Completed	UPNM
2.	Mardhiahtul Iftiah Ariffin (M.Sc) (Co- Supervisor)	Catalytic Conversion, Selectivity and Yields of Supported Catalysts for the production Biofuel from Algae	Jun 2015	Main-supervisor	Completed	UPNM
3.	Thachnatharen A/L Nagarajan	Optimisation of Advanced Microwave Synthesised MoS <sub>2</sub> Nanoparticles for Enhanced	September 2019	Main-supervisor	Completed	UPNM

		Tribological Properties in Military Diesel-Based Engine Oil				
4.	Nurul Syahirah Nasuha binti Sa'aya	Preparation and Characterization of P3HT/Carbon Nanotubes for Malathion Chemiresistive Sensor	Jun 2018	Co-supervisor	Completed	UPNM
5.	Hafizah Ariff	Preparation and Evaluation of Oxime Containing Palm Oil Based Liquid Soap for Organophosphate Compound Decontamination	Jun 2022	Co-supervisor	On-going	UPNM
6.	Mohammed Huzaifa Mulla	Performance of Hybrid Sugar Palm Fibre/Woven Carbon Fibre/Hydroxylated Multiwalled Carbon Nanotubes Reinforced Epoxy Biocomposites for Structural Applications	Mei 2023	Co-supervisor	On-going	USM
7.	Athirah Fatanah Baharudin	Development and Interaction Mechanism Study of Green Hybrid Carrageenan/ Graphene Oxide Nanocomposite Membrane	Jan 2023	Co-supervisor	On-going	UPNM

### 1.6 MSc External/Internal Examination

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1.	Celine Hee Se Ling	Chemical Vapour Impregnation of Ni and TiO <sub>2</sub> for Photocatalytic Water Splitting	External	28 July 2023	University Brunei Darulsalam
2.	Nur Habibah Safiyah Bt Jusoh	Synthesis and Characterization of Tryptophan-Imprinted Polymer Prepared via	External	25 May 2023	UMT

		Bulk-Polymerization for the Adsorption of L-Tryptophan			
3.	Nur Syakirah binti Abdul Rahim	Synthesis of Molybdenum Carbide Based Catalyst by Carbon Monoxide Carburization for Thermochemical Water Splitting Hydrogen Production	Internal	22 Ogos 2023	UPNM
4.	Nur Farahin binti Pairan	Dipolar Thiazole Derivatives Incorporating Electron Withdrawing Group And Electron Donating Group As Potential Nonlinear Optical Materials	Internal	21 Januari 2020	UPNM
5.	Bushra Rashid	Anti-Cancer Potential of PPG surface modified 2-D MXene (Ti <sub>3</sub> C <sub>2</sub> ) on Human Cancer Cells	Internal	28 September 2021	UPNM

### 1.7 Supervision (Postgraduate Research Project or Final Year Research Project)

No.	Name of Student	Project Title	Date of Registration	Role	Status
1.	Nazirul Akma Bin Daud (UPNM)	Kajian Keberkesanan Sistem Ganjaran Dalam Meningkatkan Motivasi Dan Prestasi Sesebuah Organisasi	2014	Co-supervisor	Completed
2.	Syarifah Norfatin Binti Syed Idrus (UTeM)	Enhancing Thermal Properties of Fluids with Carbon Nanoparticles	2014	Co-supervisor	Completed
3.	Syazwani Binti Zainal Abidin (UTeM)	Effect of Carbon Nanotube Structure on Enhancing Thermal Properties of Nanofluids	2014	Co-supervisor	Completed
4.	Amirah Binti Abdullah (UTeM)	Dispersion of Nanocarbon in Ethylene Glycol: Formulation, Stabilization and Thermodynamic Properties	2014	Co-supervisor	Completed
5.	Rosli Bin Hidayat (UTeM)	Performance Evaluation of Nano-Coolant MWCNT particles in Ethylene Glycol	2014	Co-supervisor	Completed

6.	Salina Binti Zaini (UTeM)	Stability and Thermal Characterisation of CNT Water Based Nanofluids	2014	Co-supervisor	Completed
7.	Eimy Faisal Bin Mohd Yasin (UTeM)	Characterization of Nanocarbon Materials: Morphology & Structure Analysis.	2010	Co-supervisor	Completed
8.	Syed Zulkarnain Bin Syed Saidin (UTeM)	Improving Stability of Water Based Nanocarbon Using OH-CNT Modified with Polyvinyl Pyrolidone (PVP) as Dispersing Agent.	2013	Co-supervisor	Completed
9.	Hud Bin Ismail (UTeM)	Synthesis of Nanofluid Based Carbon Nanotube	2014	Co-supervisor	Completed
1.	Nazirul Akma Bin Daud (UTeM)	Kajian Keberkesanan Sistem Ganjaran Dalam Meningkatkan Motivasi Dan Prestasi Sesebuah Organisasi	2014	Co-supervisor	Completed

## 2.0 RESEARCH, PUBLICATION AND PRESENTATION

### 2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount and status)

No.	Title	List of Researchers	Grant Year	Source Amount	Status
1.	Systematic Experimental Studies of Thermal Conductivity and Stability of Hybrid Reduced Graphene Oxide / Metal Oxide Water based Nanofluids	<b>Dr. Norli Abdullah</b> Prof. Madya Ir. Dr. Mohd Afzanizam bin Mohd Rosli (UTeM) Encik Imran Syakir bin Mohamad (UTeM)	2023	Skim Geran Pascadoktoral UPNM RM42,000	Completed
2.	Role of Intermolecular Interaction in Conductive Polymer Wrapped MWCNT as Organophosphate Sensing Material Structure	<b>Dr. Norli Abdullah</b> Dr. Siti Zulaikha Ngah Demin Assoc. Prof. Dr Norhana Abdul Halim	2019	MyPAIR – ISIS-NEWTON (International) RM477,150	Completed
3.	Size Controlled Palladium Nanoparticles through	<b>Dr. Norli Abdullah</b> Assoc. Prof. Dr Norhana Abdul Halim	2019	SELF-FUND UPNM	Completed

No.	Title	List of Researchers	Grant Year	Source Amount	Status
	Optimised Green Colloidal Synthesis.				
4.	The Effect of Metal Supported Catalysts on the Conversion, Selectivity and Yields of Biofuel from Microalgae	<b>Dr. Norli Abdullah</b> Prof Taufik Yap Yun Hin (UPM) Dr. Fadhlina Che Ros	2015	RACE RM50,000	Completed
5.	Effect of Surface Functional Groups of Carbon in Water-Based Nanofluids for Heat Transfer Media	<b>Dr. Norli Abdullah</b> Prof. Dato' Dr. Wan Md Zin bin Wan Yunus P.M. Dr Ong Keat Khim Dr. Noor Azilah Kasim Laili Nor Azua Jamari	2013	FRGS RM105,000	Completed
6.	Functionalized Carbon Nanotubes On Adsorption Of Heavy Metals Species From Aqueous Solution.	<b>Dr. Norli Abdullah</b> Dr. Fadhlina Che Ros Prof. Dato' Dr. Wan Md Zin bin Wan Yunus Dr. Noor Azilah Kasim	2012	RAGS RM29,850	Completed
7.	In Silico Design of Novel Guanine-rich ssDNA Aptamers for Pyocyanin Detection: Integration into a Portable Electrochemical Sensit Smart Biosensor	Jahwarhar Izuan bin Abdul Rashid Safura binti Taufik <b>Norli Abdullah</b>	2024	BIOGENES -Industry RM10,000	On-going
8.	Elucidating the Role and Mechanism of Hybrid Anionic Oil Palm Empty Fruit Bunch Cellulose Nanoparticles with Metal Oxide as Water based Nanofluids	Mohd Nurazzi Bin Norizan (USM) <b>Norli binti Abdullah</b> Mohd Nor Faiz B. Norrrahim	2023	FRGS RM128,000	On-going
9.	Functionalized Cellulose as Antimicrobial Materials: Computational Studies	Noor Aisyah Ahmad Shah <b>Norli binti Abdullah</b> Nor Laili-Azua binti Jamal Safura binti Taufik	2023	GPJP UPNM RM20,000	On-going
10.	Mathematical Modeling Of Non-Newtonian Powell-Eyring Hybrid Nanofluid Flow Over Moving Surfaces With Entropy Generation	Nor Ain Azeany Binti Mohd Nasir Prof. Dr. Norihan binti Md Arifin <b>Norli binti Abdullah</b> Mohd Anuar Bin Jamaludin Puan Najiyah Safwa	2021	FRGS RM 80,000	Completed
11.	Optical And Surface Plasmon Resonance Of Gold Decorated Graphene Oxide For Nerve Agent Fiber Optics Sensor	Dr. Siti Zulaikha Ngah Demin <b>Dr. Norli Abdullah</b> Dr. Noor Aisyah Ahmad Shah Assoc. Prof. Dr Norhana Abdul Halim	2020	FRGS RM118,000	In-Progress



No.	Title	List of Researchers	Grant Year	Source Amount	Status
12.	Effect of Chloric Acid doping into polythiophene nanowire in stable absorption phenomenon	Dr. Siti Zulaikha Ngah Demin <b>Dr. Norli Abdullah</b> Dr. Noor Aisyah Ahmad Shah Assoc. Prof. Dr Norhana Abdul Halim	2019	GPJP-UPNM RM20,000	Completed
13.	Synthesis and Characterization of Molybdenum Carbide based Catalyst for Low Energy Thermochemical Water Splitting for Hydrogen Production	Dr. Alinda Samsuri <b>Dr. Norli Abdullah</b> Dr. Siti Aminah Mohd Noor	2019	FRGS-RACER RM 40,000	Completed
14.	Design of Hybrid Carbon Nanotubes/Polythiophene Based Chemiresistive Sensor for VX-Type Nerve Agent Simulant	Assoc. Prof. Dr Norhana Abdul Halim <b>Dr. Norli Abdullah</b> Prof. Dato' Dr. Wan Md Zin bin Wan Yunus Dr. Siti Zulaikha Ngah Demon	2017-2021	UPNM/CHE MDEF RM 600,000	Completed
15.	Synthesis of intermetallic-surface-modified carbon nanotubes for optical limiting applications	Dr. Noor Aisyah Ahmad Shah <b>Dr. Norli Abdullah</b> Prof. Dato' Dr. Wan Md Zin bin Wan Yunus Dr. Siti Zulaikha Ngah Demon	2015	RAGS RM45,000	Completed
16.	Characterisation of New Microwave Dielectrics of $A_{1-x}Y_xWO_4$ (A=Zn)(Y=Mg, Ca) ceramics	Dr. Fadhlina Che Ros <b>Dr. Norli Abdullah</b> P.M. Dr. Jumiah Hassan Dr. Rozana Izawan hmad	2015	RACE RM50,000	Completed
17.	Characterization of Newly Developed Ag/ Epoxy Polyurethane Bio-Nanocomposites	P.M Dr. Ong Keat Khim <b>Dr. Norli Abdullah</b> Dr. Siti Aminah Mohd Noor Dr. Fadhlina Che Ros Syed Shafiq Syed Ahmad	2015	RACE RM50,000	Completed
18.	Mechanism of carbon dioxide adsorption using waste material	Syed Shafiq Syed Ahmad <b>Dr. Norli Abdullah</b> Prof. Dato' Dr. Wan Md Zin bin Wan Yunus P.M.Dr Ong Keat Khim	2014	Short Term Grant UPNM RM15,000	Completed
19.	Chemical Inventory Database, Storage and Laboratory Security Improvements	Prof. Dato' Dr. Wan Md Zin bin Wan Yunus <b>Dr. Norli Abdullah</b> P.M. Dr Ong Keat Khim Dr. Noor Azilah Kasim Laili Nor Azua Jamari	2014	US Security Grant RM90,000 (International)	Completed

## 2.2 Publications

### 2.2.1 Academic Journal

(Please list in chronological order and state: authors, year, title, publisher/journal, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/journal, volume and number of pages	Type of Journal
1.	Abidin, A. Z., Norrrahim, M. N. F., Shakrin, N. N. S. M., Ibrahim, B., <b>Abdullah, N.</b> , Rashid, J. I. A., ... & Shah, N. A. A. (2024). Amidine containing compounds: Antimicrobial activity and its potential in combating antimicrobial resistance. <i>Heliyon</i> . 53	ISI
2.	Nagarajan, T., Sridewi, <b>N., Abdullah, N.</b> , Walvekar, R., Shahabuddin, S., & Khalid, M. (2024). Investigating the Age-Dependent behavior of MoS <sub>2</sub> -hBN nanohybrid additives on the rheological properties of diesel engine oil. <i>Journal of Molecular Liquids</i> , 401, 124626.	ISI
3.	Baharin, K. W., Norizan, M. N., Shah, N. A. A., Shamsudin, I. J., Mohamad, I. S., Rosli, M. A. M., & <b>Abdullah, N.</b> (2024). Assessing material selection and thermophysical considerations for sustainable nanofluids: A comprehensive review. <i>Nano-Structures &amp; Nano-Objects</i> , 37, 101090.	ISI
4.	Aminuddin, N. A., Nasir, N. A. A. M., Jamshed, W., <b>Abdullah, N.</b> , Ishak, A., Pop, I., & Eid, M. R. (2024). Velocity and thermal slip impact towards GO-MoS <sub>2</sub> /C <sub>3</sub> H <sub>8</sub> O <sub>3</sub> hybridity nanofluid flowing via a moving Riga plate. <i>Ain Shams Engineering Journal</i> , 102648.	ISI
5.	Aminuddin, N. A., Nasir, N. A. A. M., <b>Abdullah, N.</b> , & Jamshed, W. (2023). Analysis of GO-MoS <sub>2</sub> /EG Powell-Eyring Fluid Transportation in Stagnation Point Flow and Heat Transfer over a Shrinking Surface. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 112(2), 1-13.	SCOPUS
6.	Mulla, M.H., Norizan, M.N., <b>Abdullah, C.K.</b> , Rawi, N.F.M., Kassim, M.H.M., Salleh, K.M., Abdullah, N. and Norrrahim, M.N.F., 2023. Dynamic mechanical properties of sugar palm fiber-reinforced polymer composites: a review. <i>Polymer Bulletin</i> , pp.1-53.	ISI
7.	Zainuddin, N., Nasir, N.A.A.M., <b>Abdullah, N.</b> , Jamshed, W. and Ishak, A., 2023. Numerical Solution of EMHD GO-Fe <sub>3</sub> O <sub>4</sub> /H <sub>2</sub> O Flow and Heat Transfer over Moving Riga Plate with Thermal Radiation and Heat Absorption/Generation Impacts. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 112(1), pp.62-75.	SCOPUS
8.	Mulla, M.H., Norizan, M.N., <b>Abdullah, C.K.</b> , Rawi, N.F.M., Kassim, M.H.M., Abdullah, N., Norrrahim, M.N.F. and Soudagar, M.E.M., 2023. Low velocity impact performance of natural fibre reinforced polymer composites: a review. <i>Functional Composites and Structures</i> .	SCOPUS
9.	Rosli, M.A.M., Salimen, N., Rafaizul, N.I.A.M., Misha, S., <b>Abdullah, N.</b> , Herawan, S.G., Permanasari, A.A. and Hussain, F., 2023. Parametric Study of Photovoltaic System Integrated with Organic Phase Change Material using ANSYS. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 106(1), pp.76-89.	SCOPUS
10.	Sa'aya, N.S.N., Demon, S.Z.N., <b>Abdullah, N.</b> , Azmi, A.F.M. and Halim, N.A., 2023, May. Amperometric study of P3HT/multi-walled carbon nanotubes composite for malathion sensing. In <i>Proceeding of 5th International</i>	SCOPUS

	Conference on Advances in Manufacturing and Materials Engineering: ICAMME 2022, 9—10 August, Kuala Lumpur, Malaysia (pp. 63-70). Singapore: Springer Nature Singapore.	
11.	Kasim, N.F.A., Halim, N.A., Azmi, A.F.M., <b>Abdullah, N.</b> , Ong, K.K. and Demon, S.Z.N., 2023, May. Surface Wettability of Treated Quartz Substrates and Their Optical Characterization of Deposited Reduced Graphene Oxide. In Proceeding of 5th International Conference on Advances in Manufacturing and Materials Engineering: ICAMME 2022, 9—10 August, Kuala Lumpur, Malaysia (pp. 85-91). Singapore: Springer Nature Singapore.	SCOPUS
12.	Kamisan, A.I., Demon, S.Z.N., Azmi, A.F.M., <b>Abdullah, N.</b> , Kasim, N.A.M., Khim, O.K., Noor, S.A.M., Yunus, W.M.Z.W., Ros, F.C., Ernest, V.F.V. and Shattar, A., 2023. Methodologies of Graphene-based Sensing Material for Organophosphorus Compound. <i>e-Journal of Surface Science and Nanotechnology</i> , 21(4), pp.241-250.	ISI
13.	Mohd Saidi, N., <b>Abdullah, N.</b> , Norizan, M.N., Janudin, N., Mohd Kasim, N.A., Osman, M.J., Mohamad, I.S. and Mohd Rosli, M.A., 2022. Surface-Oxidised Carbon Nanofibre-Based Nanofluids: Structural, Morphological, Stability and Thermal Properties. <i>Nanomaterials</i> , 12(21), p.3922.	ISI
14.	Norizan, M.N., Shazleen, S.S., Alias, A.H., Sabaruddin, F.A., Asyraf, M.R.M., Zainudin, E.S., <b>Abdullah, N.</b> , Samsudin, M.S., Kamarudin, S.H. and Norrrahim, M.N.F., 2022. Nanocellulose-based nanocomposites for sustainable applications: A review. <i>Nanomaterials</i> , 12(19), p.3483.	ISI
15.	Rosli, M.A.M., Rou, C.J., Sanusi, N., Saleem, S.N.D.N., Salimen, N., Herawan, S.G., <b>Abdullah, N.</b> , Permanasari, A.A., Arifin, Z. and Hussain, F., 2022. Numerical investigation on using MWCNT/water nanofluids in photovoltaic thermal system (PVT). <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> , 99(1), pp.35-57.	SCOPUS
16.	Mohd Nurazzi Norizan, <b>Norli Abdullah</b> , Siti Zulaikha Ngah Demon, Norhana Abdul Halim, Imran Syakir Mohamad 2022 Heterojunctions of rGO/Metal Oxide Nanocomposites as Promising Gas-Sensing Materials—A Review <i>Nanomaterials</i> 12 (13), 2278	ISI
17.	Mohd Nurazzi Norizan, <b>Norli Abdullah</b> , Siti Zulaikha Ngah Demon, Norhana Abdul Halim, Nurul Syahirah Nasuha Sa'aya, Imran Syakir Mohamad <i>Polimery</i> 67 (5), 205-211	ISI
18.	Mohd Nurazzi Norizan, Mohd Nor Faiz Norrrahim, F.A. Sabaruddin, Ahmad Ilyas Rushdan, Lee Seng Hua, Farah Nadia Mohammad Padzil, Muhammad Aizat Abdul Ghani <sup>5</sup> , S.S. Shazleen <sup>6</sup> , Aisyah Humaira Alias <sup>7</sup> , N.A. Mohidem <sup>3</sup> , M.R.M. Asyraf, <b>Norli Abdullah</b> , S.M. Sapuan, Khalina Abdan and N.M. Nor 2022, Mechanical Performance Evaluation of Bamboo Fibre Reinforced Polymer Composites and its Applications: A Review <i>Functional Composites and Structures</i>	ISI
19.	Mohd Nurazzi Norizan, Aisyah Humaira Alias, FA Sabaruddin, MRM Asyraf, SS Shazleen, NA Mohidem, SH Kamarudin, Mohd Nor Faiz Norrrahim, Ahmad Ilyas Rushdan, MR Ishak, <b>Norli Abdullah</b> , NM Nor, 2021 Effect of silane treatments on mechanical performance of kenaf fibre reinforced polymer composites: a review, <i>Functional Composites and Structures</i> , 3 045003	ISI

20.	NM Nurazzi, FA Sabaruddin, MM Harussani, SH Kamarudin, M Rayung, MRM Asyraf, HA Aisyah, MNF Norraahim, RA Ilyas, <b>N Abdullah*</b> , ES Zainudin, SM Sapuan, A Khalina, 2021 Mechanical Performance and Applications of CNTs Reinforced Polymer Composites—A Review Nanomaterials 2021, 11, 2186.	ISI
21.	NM Nurazzi, MRM Asyraf, S Fatimah Athiyah, SS Shazleen, S Ayu Rafiqah, MM Harussani, SH Kamarudin, MR Razman, M Rahmah, ES Zainudin, RA Ilyas, HA Aisyah, MNF Norraahim, <b>N Abdullah*</b> , SM Sapuan, A Khalina 2021 A review on mechanical performance of hybrid natural fiber polymer composites for structural applications Polymers 13 (13), 2170	ISI
22.	The Influence of Reaction Time on Non-Covalent Functionalisation of P3HT/MWCNT Nanocomposites NM Nurazzi, <b>N Abdullah*</b> , SZN Demon, NA Halim, IS Mohamad 2021 Polymers 13 (12), 1916	ISI
23.	Fabrication, functionalization, and application of carbon nanotube-reinforced polymer composite: an overview 2021 N Mohd Nurazzi, MR Muhammad Asyraf, A Khalina, N Abdullah* Polymers 13 (7), 1047	ISI
24.	A review on natural fiber reinforced polymer composite for bullet proof and ballistic applications NM Nurazzi, MRM Asyraf, A Khalina, <b>N Abdullah*</b> , HA Aisyah, S Rafiqah, 2021 Polymers 13 (4), 646	ISI
25.	Mohd Nurazzi Norizan, Muhammad Harussani Moklis, Aisyah Humaira Alias, Ahmad Ilyas Rushdan, Mohd Nor Faiz Norraahim, Khalina Abdan, <b>Norli Abdullah*</b> 2021 Treatments Of Natural Fibre As Reinforcement In Polymer Composites-Short Review, Functional Composites And Structures Functional Composites and Structures 3 (2), 024002	ISI
26.	Norizan M Nurazzi, <b>Norli Abdullah*</b> , Siti ZN Demon, Norhana A Halim, Ahmad FM Azmi, Victor F Knight, Imran S Mohamad 2021 The frontiers of functionalized graphene-based nanocomposites as chemical sensors Nanotechnology Reviews 10 (1), 330-369	ISI
27.	MN Norizan, NDS Zulaikha, AB Norhana, MI Syakir, <b>A Norli</b> 2021* Carbon Nanotubes-Based Sensor For Ammonia Gas Detection—An Overview Polimery 66 (3), 175-186	ISI
28.	H Bahruji, M Almalki, <b>N Abdullah</b> Highly Selective Au/Zno Via Colloidal Deposition For CO2 Hydrogenation To Methanol: Evidence Of Auzn Role Bulletin Of Chemical Reaction Engineering & Catalysis 16 (1), 44-51	ISI
29.	NM Nurazzi, MM Harussani, NDS Zulaikha, AH Norhana, MI Syakir, <b>N. Abdullah*</b> 2021 Composites Based On Conductive Polymer With Carbon Nanotubes In DMMP Gas Sensors—An Overview Polimery 66 (2), 85-97	ISI
30.	N Janudin, <b>N Abdullah</b> , F Md Yasin, MH Yaacob, MZ Ahmad, 2021 Multi-Walled Carbon Nanotubes Functionalized With Carboxyl And Amide For Acetone Detection At Room Temperature	SCOPUS

	Solid State Phenomena 317, 195-201	
31.	NSN Sa'aya, SZN Demon, <b>N Abdullah</b> , N Abdul Halim 2021 Morphology Studies Of SWCNT Dispersed In Conducting Polymer As Potential Sensing Materials Solid State Phenomena 317, 189-194	SCOPUS
32.	NA Halim, SZN Demon, <b>N Abdullah</b> , N Ahmad, ZHZ Abidin 2021 Localized Deep And Shallow Traps Of A-Peaks From Thermally Stimulated Current (TSC) Measurement On Thermoplastic Polymers Solid State Phenomena 317, 369-376	SCOPUS
33.	NA Ahmad Shah, SZN Demon, FN Diauddin, N Kasim, <b>N Abdullah</b> , 2021 The Study Of Platinum Coated Carbon Nanotubes As Third-Order Nonlinear Optical Materials Solid State Phenomena 317, 166-172	SCOPUS
34.	CH Lee, A Khalina, NM Nurazzi, <b>A Norli</b> , MM Harussani, S Rafiqah, 2021 The Challenges And Future Perspective Of Woven Kenaf Reinforcement In Thermoset Polymer Composites In Malaysia: A Review Polymers 13 (9), 1390	ISI
35.	N Mohd Nurazzi, MR Muhammad Asyraf, A Khalina, <b>N Abdullah*</b> 2021 Fabrication, Functionalization, And Application Of Carbon Nanotube-Reinforced Polymer Composite: An Overview Polymers 13 (7), 1047	ISI
36.	NM Nurazzi, MRM Asyraf, A Khalina, <b>N Abdullah*</b> , HA Aisyah, S Rafiqah, 2021 A Review On Natural Fiber Reinforced Polymer Composite For Bullet Proof And Ballistic Applications Polymers 13 (4), 646	ISI
37.	MSM Shukri, MNS Saimin, MH Samat, <b>N Abdullah</b> , SZN Demon (2020) First-Principles Study Of CH <sub>4</sub> And NH <sub>3</sub> Adsorption On Graphene Oxide Epoxy And Graphene Oxide Hydroxyl. International Journal Of Nanoelectronics & Materials 13	ISI
38.	MN Norizan, MH Moklis, SZN Demon, NA Halim, A Samsuri, IS Mohamad, <b>N. Abdullah*</b> Carbon Nanotubes: Functionalisation And Their Application In Chemical Sensors RSC Advances 10 (71), 43704-43732	ISI
39.	<b>Norli Abdullah*</b> , Hasliza Bahruji 2020 Synthesis, Characterization And Catalytic Activity Of Pd Nanoparticles Supported On Anatase (Pd/TiO <sub>2</sub> ) For Cinnamaldehyde Hydrogenation Reaction Malaysian Journal Of Analytical Sciences 24 (5), 727-735	SCOPUS
40.	Ainnur Izzati Kamisan, Norli Abdullah, Siti Zulaikha Ngah Demon, And Norhana Abdul Halim, 2019 <i>Electrochemical Performance Of Graphene Based Material In Gas Sensor Application: A Review</i> Sensor & Materials, Vol. 32, No. 2 (2020) 759-777	ISI
41.	Mardhiahtul Iftiah Ariffin, <b>Norli Abdullah*</b> , Hasliza Bahruji, Noor Azilah Mohd Kasim, Siti Hasnawati Jamal, Noor Aisyah Ahmad Shah, Norhana Abdul Halim, Taufiq Yap Yun Hin, 2019 <i>Optimization Of Biodiesel Production From Chlorella Vulgaris Using CuO, NiO And MgO On Zeolite 4A Catalysts</i> Journal Of Physics: Conference Series (JPCS) 1349 (2019) 012065	SCOPUS

42.	Nurul Syahirah Nasuha Sa'aya, Siti Zulaikha Ngah Demon, <b>Norli Abdullah</b> , Victor Feizal Knight Ernest Abd Shatar, Norhana Abdul Halim, 2019 <i>Optical And Morphology Studies Of Conductive Polymer Blend Of P3HT/MWCNT Nanocomposites</i> Sensor & Materials, Vol. 31, No. 9 (2019) 2997–3006	ISI
43.	<b>Norli Abdullah</b> , Hasliza Bahruji, Michael Bowker, Scott M. Rogers, Peter P. Wells, C. Richard A. Catlow, 2019 <i>Efficient Electronic Transfer On Palladium / Tio<sub>2</sub> For Hydrogen Production From Photocatalytic Reforming Of Methanol</i> Physical Chemistry Chemical Physic (PCCP) 2019, 21, 16154	ISI
44.	George F.Tierney, <b>Norli.Abdullah</b> , Scott M. Rogers, Shusaku. Hayama, Martha. Briceno De Gutierrez, Paul. Collier, C. Richard. A. Catlow, Nikolaos. Dimitratos, Peter P. Wells. 2019 <i>Extracting Structural Information Of Au Colloids At Ultra-Dilute Concentrations: Identification Of Growth During Nanoparticle Immobilization</i> Nanoscale Advances., 2019,1, 2546-2552	ISI
45.	Zakiah Jamingan, WMZW Yunus, <b>N Abdullah</b> , OK Khim, TNMT Ismail, 2019 Clay Modification By Epoxidized Fatty Hydrazides Synthesized From Palm Oil AIP Conference Proceedings 2068 (1), 020067	SCOPUS
46.	N Janudin, <b>N Abdullah</b> , WMZW Yunus, FM Yasin, MH Yaacob, N Kasim, 2019 Carbon Nanofibers Functionalized With Amide Group For Ammonia Gas Detection AIP Conference Proceedings 2068 (1), 020061	SCOPUS
47.	Ali Rinaldi, <b>Norli Abdullah</b> , Mua'taz Ali, Annette Furche, Sharifah Bee Abd. Hamid, Dang Sheng Su And Robert Schlogl , 2009, <i>Controlling The Yield And Structure Of Carbon Nanofibers Grown On A Nickel/Activated Carbon Catalyst</i> , Carbon, Volume 47, (13) Pg 3023-3022.	ISI
48.	Sharifah Bee Abd. Hamid, Nordiana Othman, <b>Norli Abdullah</b> , Olaf Timpe, Stephen Knoble, Dirk Niemeyer, Jacob Wagner And Dang Sheng Su, 2003, <i>Structurally Complex Molybdenum Oxide Catalysts For The Selective Oxidation Of Propene</i> , Topic In Catalysis, Volume 4 (1-4) Pg 87-95.	ISI
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50.	Nurjahirah Janudin, L.C. Abdullah, <b>Norli Abdullah</b> , Norshafiqah Mohamad Saidi And Noor Azilah Mohd Kasim. 2018 Characterization Of Amide And Ester Functionalized Multiwalled Carbon Nanotubes. Asian Journal Of Chemistry Vol 30 (7) 1613-1616 Q4	ISI
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52.	SZ Abidin, IS Mohamad, AYB Hashim, <b>N Abdullah</b> , TB Tuan, A Abdullah. 2018 Thermophysical Properties Of Nanocarbon Particles In Ethylene Glycol And Deionized Water Journal Of Engineering Technology Vol 9(1) 2180	SCOPUS
53.	SZ Abidin, IS Mohamad, AYB Hashim, <b>N Abdullah</b> , A Abdullah. 2018 Textural And Adsorption Analysis Of Nanocarbon Particles. International Journal Of Nanoelectronics & Materials 11 (3)	SCOPUS
54.	Nurjahirah Janudin, <b>Norli Abdullah</b> , Faizah Md Yasin, Mohd Hanif Yaacob, Muhammad Zamharir Ahmad, Luqman Chuah Abdullah, Raja Nor Izawati Raja Othman, Noor Aisyah Ahmad Syah, Shafreeza Sobri, Noor Azilah Mohd Kasim, 2018 <i>Low Cost And Room Temperature Methane Detection Using Multi Walled-Carbon Nanotubes Functionalized With Octadecanol</i> Zulfaqar Int. J. Def. Sci. Eng. Tech. Vol.1 Issue 2 (2018) 65-75	-
55.	Nurjahirah Janudin, <b>Norli Abdullah</b> , Faizah Md Yasin, Mohd Hanif Yaacob, Muhammad Zamharir Ahmad, Luqman Chuah Abdullah, Raja Nor Izawati Raja Othman, Noor Aisyah Ahmad Syah, Shafreeza Sobri, Noor Azilah Mohd Kasim, 2018 <i>Carbon Nanotubes-Based Gas Sensor In Detection Of Methane Gas At Room Temperature</i> Zulfaqar Int. J. Def. Sci. Eng. Tech. Vol.1 Issue 2 (2018) 76-84	-
56.	Zakiah Jamingan, Wan Md Zin Wan Yunus, <b>Norli Abdullah</b> , Ong Keat Khim, 2018 <i>Synthesis Of Epoxidized Fatty Hydrazides From Palm Olein: A Preliminary Study</i> Zulfaqar Int. J. Def. Sci. Eng. Tech. Vol. 1 Issue 2 (2018) 99-106	-
57.	Mardhiahtul Iftiah Ariffin, <b>Norli Abdullah*</b> , Noor Azilah Kasim, Siti Hasnawati Jamal, Noor Aisyah Ahmad Shah, 2018 <i>Solid Metal Oxide Catalysts: Synthesis And Characterisation</i> Zulfaqar Int. J. Def. Sci. Eng. Tech. Vol.1 Issue 1 (2018) 28-37	-
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60.	Amirah Abdullah, Imran Syakir Mohamad, Bani Hashim, <b>Norli Abdullah</b> , Syazwani Zainal Abidin, 2016 <i>Thermal Conductivity And Viscosity Of 15Eionized Water And Ethylene Glycol-Based Nanofluids.</i> Journal Of Mechanical Engineering And Sciences (JMES) ISSN (Print): 2289-4659; E-ISSN: 2231-8380, Volume 10, Issue 3, Pp. 2249-2261,	SCOPUS

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62.	Syarifah Norfatin Syed Idrus, Nor Salihah Zaini, Imran Syakir Mohamad, <b>Norli Abdullah</b> , Mohd Haizal Mohd Husin, 2015 <i>Comparison Of Thermal Conductivity For Hht-24-Cnf-Based Nanofluid Using Deionized Water And Ethylene Glycol</i> Journal Teknologi 77:21 (2015) 85–89, Eissn 2180–3722	SCOPUS
63.	<b>Norli Abdullah*</b> , Wan Md Zin Wan Yunus, Imran Syakir Mohamad. 2015 <i>Thermal Conductivity Comparisons Of Original And Oxidized Multiwalled Carbon Nanotubes-Waterbased Fluids,</i> Journal Teknologi 76:9 (2015) 43–47 Eissn 2180–3722	SCOPUS
64.	<b>Norli Abdullah*</b> , Ali Rinaldi And Sharifah Bee Abd. Hamid, 2014, <i>Synthesis And Adsorption Performance Of Carbon Materials For Removal Of Iron (III) From Aqueous Solution.</i> Applied Mechanics And Materials Vol. 699 Pp 988-994,	SCOPUS
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66.	<b>Norli Abdullah*</b> Ali Rinaldi, Sharifah Bee Abd. Hamid, 2014 <i>Effect Of Solvent On The Morphology Of Catalytic Growth Carbon Nanofibers: Water Versus Acetone.</i> ZULFAQAR International Journal Of Defence Science, Engineering & Technology, Vol 1(1).	-
67.	<b>Norli Abdullah*</b> , Ali Rinaldi, Imran Shakir Muhammad, Sharifah Bee Abd. Hamid, Dang Sheng Su And Robert Schlogl, 2009. <i>Catalytic Growth Of Macroscopic Carbon Nanofibers Bodies With Activated Carbon.</i> American Institute Of Physic Proceeding. Vol 1136 Pg 238, 2009.	SCOPUS
68.	<b>Norli Abdullah*</b> , Ali Rinaldi, Sharifah Bee Abd. Hamid, 2014 <i>Controlled Growth Of Bio-Supported Filamentous Carbon Nanofibers: Role Of Hydrogen Gas</i> ZULFAQAR International Journal Of Defence Science, Engineering & Technology, Vol 1(2).	-

### 2.2.2 Book/Chapter in Book:

No.	Authors, year, title, publisher, volume and number of pages	Level
1.	Nurazzi, N.M., Bayraktar, E., Norrrahim, M.N.F., Aisyah, H.A., <b>Abdullah, N.</b> and Asyraf, M.R.M. eds., 2023. <i>Nanofillers for Sustainable Applications</i> . CRC Press.	International
2.	Nurazzi, N.M., <b>Abdullah, N.</b> , Norrrahim, M.N.F., Shazleen, S.S., Naveen, J., Asyraf, M.R.M., Kamarudin, S.H., Rani, M.S.A., Ilyas, R.A. and Sapuan, S.M.,	International



	2023. Structures and functionalizations of carbon nanotubes in water treatment. In <i>Synthetic and Natural Nanofillers in Polymer Composites</i> (pp. 29-56). Woodhead Publishing.	
3.	Nurazzi, N.M., <b>Abdullah, N.</b> , Norraahim, M.N.F., Kamarudin, S.H., Ahmad, S., Shazleen, S.S., Rayung, M., Asyraf, M.R.M., Ilyas, R.A. and Kuzmin, M., 2022. Thermogravimetric analysis (TGA) and differential scanning calorimetry (DSC) of PLA/cellulose composites. In <i>Poly(lactic acid)-based nanocellulose and cellulose composites</i> (pp. 145-164). CRC Press.	International
4.	Nurazzi, N.M., Jenol, M.A., Kamarudin, S.H., Aisyah, H.A., Hao, L.C., Yusuff, S.M., Amira, M.N., Harussani, M.M., Norraahim, M.N.F., Ilyas, R.A. and <b>Norli, A.</b> , 2022. Nanocellulose composites in the automotive industry. In <i>Industrial Applications of Nanocellulose and Its Nanocomposites</i> (pp. 439-467). Woodhead Publishing.	International
5.	NM Nurazzi, <b>N Abdullah</b> , MNF Norraahim, SH Kamarudin, S Ahmad, SS Shazleen, M Rayung, MRM Asyraf, RA Ilyas, M Kuzmin, 2021 Thermogravimetric Analysis TGA and Differential Scanning Calorimetry DSC of PLACellulose Composites Poly(lactic Acid)-Based Nanocellulose and Cellulose Composites CRC Press, Technology & Engineering	International
6.	N. Mohd Nurazzia , <b>A. Norli</b> , Mohd Nor Faiz Norraahim , S. Ayu Rafiqah , A. Khalina , S.M. Sapuan, and R.A. Ilyas, 2021 Thermal properties of sugar palm yarn reinforced unsaturated polyester composites as an alternative for automotive applications Biocomposite and synthetic composites for automotive application, Woodhead Publishing Series in Composites Science and Engineering 2021, Pages 19-49	International
7.	Sharifah Bee Abd. Hamid, <b>Norli Abdullah</b> 2009. Design of Bio-Supported Nanostructure for Water Treatment, Malaysia Energy Guide, Yellow Pages TM Info-Media Sdn Bhd- ISSN 1985-367X (pg 61-66)	International
8.	<b>Norli Abdullah</b> and Sharifah Bee Abd. Hamid, 2010. Adsorption Performance of Carbon Materials in Wastewater Industry: A Brief Study on Heavy Metal Removal, Buletin FKM UteM. ISSN 2180-2912. 1st ed. Pp 25-26	National

### 2.2.3 Proceeding Articles :

(Please list in chronological order and state: authors, year, title, publisher/conference, volume and number of pages (Please bold your name))

No.	Authors, year, title, publisher/conference, volume and number of pages (Please bold your name)	Level
		<ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul>

### 2.3 Presentation:

No.	Event	Title Of Paper Presented	Role	Date	Organizer

1.	The 7 Th International Symposium On Advanced Materials And Nanotechnology (Isamn2023)	Characterizations Of Mwcnts Nanofluids On The Effect Of Surface Oxidative Treatments	Invited Speaker	12-13 Sept 2023	UPM
2.	The 9th International Conference On Solid State Science And Technology 2023	Synthesis And Characterization Of Conducting Polythiophene Wrapped- Carbon Nanotubes Nanocomposites	Presenter	4-8 Dec 2023	UMS
3.	31st Regional Conference On Solid State Science And Technology (Rcssst2022),	Effect Of Surface Oxidative Treatments Of Mwcnts Based Nanofluids On Their Stability And Thermo-Physical Properties	Invited Speaker	6-8 Sept 2022	UMK
4.	International Symposium On Polymeric Materials 2022	Non-Covalent Functionalisation Poly (3-Hexylthiophene-2,5-Diyl) Wrapped Hydroxylated Multi-Walled Nanocomposites: Effect Of Reaction Time	Presenter	14-15 Jun 2022	UPM
5.	1st Malaysia International Conference On Nanotechnology & Catalysis	Mwcnt Dispersed Conducting Polymer (Mwcnt/P3ht) Nanocomposites: Structural And Morphological Studies	Presenter	1-3 September 2021	Nanocat, Um
6.	3rd Virtual Symposium On Multidisciplinary Science 2021 (V-Sms2021)	The Effect Of Functionalized Mwcnts On The Stability And Thermal Conductivity Of Water-Based Nanofluids	Presenter	7 <sup>th</sup> July 2021	Asasi Upm
7.	International Conference On Solid State Science & Technology 2019	Synthesis, Characterization And Catalytic Activity Of Pd Nanoparticles Supported On Anatase (Pd/Tio <sub>2</sub> ) For Cinnamaldehyde Hydrogenation Reaction	Invited Speaker	12-13 <sup>th</sup> November 2019	UPNM
8.	International Conference Of Nanomaterials: Science, Engineering & Technology 2019	Optimization Of Biodiesel Production From Chlorella Vulgaris Using Cuo, Nio And Mgo On Zeolite 4a Catalysts	Presenter	5-6 August 2019	Uitm, Pulau Pinang
9.	Research Environment Among Department (Read) Asasi	Nanocarbon: An Extraordinary Material	Presenter	30 November 2018	Asasi, Upnm

10.	International Conference Of Analytical Science 2018 (Skam31)	Size-Controlled Synthesis Of Palladium Nanoparticles Supported On Titania For Hydrogenation Reaction	Presenter	17-19 August 2018	Uiam & Malaysia Society Of Analytical Chemistry
11.	Uk Catalysis Hub Winter Conference	Tailored Pd/TiO <sub>2</sub> Catalysts For Hydrogen Production From Photocatalytic Reforming Of Methanol.	Presenter	14 <sup>th</sup> - 15 <sup>th</sup> Dec 2017	Uk Catalysis Hub, University College London
12.	European Symposium On Catalysis (Europacat)	Sol-Immobilised Pd Nps Supported On Tio <sub>2</sub> And Their Catalytic Properties On Selective Hydrogenation Reactions	Presenter	27th – 31 August 2017	European Research Institute Of Catalysis (Eric Aisbl) Italian Chemical Society (Sci
13.	Uk Catalysis Hub Summer Conference, , Harwell Campus, Uk.	Cinnamaldehyde Hydrogenation Of Pd/Tio <sub>2</sub> : Effect Of Pd Particle Size & Nature Of The Supports	Presenter	11th- 12th July 2017	Uk Catalysis Hub, University College London

### 3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

#### 3.1 Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award, Academic Assessor/ /Promotion Assessor (External), Visiting Professor/Fellowship, Editorial Board and other academic recognition.

No.	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1.	3 Gold Medal Awards & 1 Silver Medal Award	2024	National	Defence, Security & Sustainability Exhibition / UPM
2.	Silver Award Medal (Mentor) Kategori A- Student	2024	National	Pre-University Matriculation Innovation Competition / Asasi Council Malaysia / Usim
3.	Gold Medal Award	2023	International	34th International Invention, Innovation & Technology Exhibition, Malaysia
4.	1 Gold & 1 Silver Award Medal (As Mentor) Kategori A- Student	2023	National	Pre-University Matriculation Innovation Competition / Asasi Council Malaysia (PIITRAM)/ UPM
5.	3 Gold Award Medals (As Mentor) Kategori A- Student	2023	University	Pusat Asasi Pertahanan Innovation Competition 2023 (PAPIC)

6.	Silver Award Medal	2022	National	International Conference and Exposition on Inventions by Institutions of Higher Learning (PECIPTA)
7.	Silver Award Medal	2022	National	Pre-University Matriculation Innovation Competition / Asasi Council Malaysia (PIITRAM)/ UPNM
8.	Publication Award Individu	2021	University	National Defence University of Malaysia (UPNM)
9.	Best Oral Presenter	2021	International	1st Malaysia International Conference On Nanotechnology & Catalysis
10.	Silver Award PIITRAM – Malaysia – 2021 – Kebangsaan (Mentor) Kategori A- Student	2021	National	Asasi Council Malaysia / UMT/ UnisZa
11.	Silver Award PIITRAM – Malaysia – 2021 – Kebangsaan (Member) Kategori B- Academician	2021	National	Asasi Council Malaysia / UMT/ UnisZa
12.	MCO Publication contest I (Gold Award)	2021	University	National Defence University of Malaysia (UPNM)
13.	Excellent performance certificate	2021	University	National Defence University of Malaysia (UPNM)
14.	MCO Publication contest II (Bronze Award)	2020	University	National Defence University of Malaysia (UPNM)
15.	Anugerah Kualiti Penyelidikan Terbaik Individu (Kategori Sains) Timbalan Naib Canselor (Penyelidikan & Inovasi) 2020	2019	University	National Defence University of Malaysia (UPNM)
16.	Excellent performance award certificate –UPNM - APC	2019	University	National Defence University of Malaysia (UPNM)
17.	Gold Medal Award (Material Technology Challenge)	2019	International Conference	International Conference on Solid State Science & Technology 2019 / Malaysia Solid State Society
18.	Gold Medal Award	2019	National Exhibition	Defence, Security & Sustainability Exhibition / UPNM
19.	Bronze Medal Award	2019	National Exhibition	Defence, Security & Sustainability Exhibition / UPNM
20.	Best Oral Presenter	2018	International	International Conference of Analytical Science (SKAM31) / analytical Chemistry Society, Malaysia
21.	Excellent performance certificate	2018	National	National Defence University of Malaysia (UPNM)
22.	Postdoctoral Scholarship Award	2016	National	Ministry of Higher Education / UPNM
23.	Young Investigator Award	2015	International Conference	Regional Symposium of Malaysia Analytical Science (SKAM28) / Akademi Sains Malaysia / YoungScientist Network Malaysia

24.	Bronze Medal Award	2015	National Exhibition	Defence, Security & Sustainability Colloquium and Exhibition / UPNM
25.	Bronze Medal Award	2015	National Exhibition	Defence, Security & Sustainability Colloquium and Exhibition / UPNM
26.	Excellent performance award certificate –UPNM - APC	2015	University	National Defence University of Malaysia (UPNM)
27.	Best Poster Award	2014	International Conference	NANO-SCITECH 2014 & IC-NET 2014 (UiTM)
28.	Postgraduate Scholarship (PASCA)	2006	PhD	Ministry of Science, Technology and Innovation, Malaysia
29.	Manuscript Reviewer	2013	International	International Journal of Electroactive Materials
30.	Manuscript Reviewer	2015	International	Malaysia Journal of Analytical Science
31.	Manuscript Reviewer	2018	National	Proceedings of Mechanical Engineering Research Day 2018
32.	Manuscript Reviewer	2018	International	Journal of Palm Oil Research
33.	Manuscript Reviewer	2020	International	Malaysia Journal of Analytical Science
34.	Internal Thesis Examiner	2020	National	UPNM
35.	Oral Presentation Judge	2019	International Conference	International Conference on Solid State Science & Technology 2019
36.	Oral Presentation , Chairperson	2019	International Conference	International Conference on Solid State Science & Technology 2019
37.	Poster Session Judge	2014	International Conference	Regional Symposium of Malaysia Analytical Science (SKAM27)

### 3.2 Consultancy work that benefited to the University.

(Please list in chronological order and state: title, year, sponsor, value and duration of consultancy)

No.	Title	Year	Sponsor	Value	Duration
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### 3.3 Service to the University

Service to the university such as Vice Chancellor/Deputy Vice Chancellor/Dean/Director, Deputy Dean/Deputy Director/Unit Coordinator/Hostel Warden, Programme Chairperson/ Assistant Warden/Fellow. Representing University in Sports and Other Non-Academic Activities. Professional/Academic Association (Committee Member).

(Please list in chronological order and state: position/membership and duration)

No.	Position/Membership	Duration
1.	Timbalan Pengarah (Akademik & Penyelidikan) – Pusat Asasi Pertahanan	2 tahun 6 bulan

2.	Ketua Jabatan - Pusat Asasi Pertahanan	1 tahun 6 bulan
3.	Timbalan Dekan- Pusat Pengajian Siswazah	1 tahun 6 bulan
4.	Ketua Editor, Buletin Asasi - Pusat Asasi Pertahanan	2 tahun

### 3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	2 <sup>nd</sup> STEM Seminar Peringkat Kebangsaan, UM, KL	Peserta	16 August 2019	17 August 2019	Kebangsaan
2.	Pameran Sempena Karnival Pendidikan STEM SMK Bdr Tasik Selatan, Peringkat Kuala Lumpur (KPM)	AJK Pelaksana	14 Ogos 2018	16 Ogos 2018	Kebangsaan
3.	Bengkel Training of Trainers bagi Program Mentor Mentee di bawah Inisiatif Pengukuhan STEM (KPM)	Fasilitator	17 Oktober 2018	18 Oktober 2018	Kebangsaan
4.	Ahli ANALIS, MALAYSIA	Ahli Biasa	18 Sept 2018	18 Sept 2020	Kebangsaan
1.	2 <sup>nd</sup> STEM Seminar Peringkat Kebangsaan, UM, KL	Peserta	16 August 2019	17 August 2019	Kebangsaan

I declare that all the information in this form is true and correct. The University has the right to withdraw or reject the application if any information in this form found to be untrue.

Signature : 

Name : NORLI ABDULLAH

Faculty/Department : PUSAT ASASI PERTAHANAN

Date : 21 – 06- 2024

I verify that, to the best of my knowledge, all the information provided in the forms are true.

Dean  
Signature and Stamp :

Date :