



CURRICULUM VITAE



I. PERSONAL PARTICULARS

Name	DR. ALINDA SAMSURI
Current Position Faculty / Department	DS51/ Pusat Asasi Pertahanan
Contact no	03-9051 3400 (4402) / 013-3302108
E-mail	alinda@upnm.edu.my

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

(Please list all academic qualifications, from your first degree, in chronological order)

Year	Degree	Discipline	University
2005	Science Matriculation	Science	Johor Matriculation College
2008	Bachelor of Science (Hons)	Analytical & Environmental Chemistry	Universiti Malaysia Terengganu
2009	Master of Science	Analytical Chemistry & Instrumental Analysis	Universiti Malaya
2016	Doctor of Philosophy	Chemistry	Universiti Kebangsaan Malaysia

III. TITLES OF POSTGRADUATE THESES WRITTEN

No.	TITLES OF POSTGRADUATE THESES
1. Master	Determination of Palm Biodiesel/Petroleum Diesel Blend Ratio Through Spectroscopic Method
2. Ph.D	Penghasilan Hidrogen daripada Tindak Balas Pembelahan Molekul Air Menggunakan Mangkin Berasaskan Molibdenum Oksida

IV. WORK EXPERIENCE (Please list your relevant experience in chronological order)

Year	Position	Field of Work	Place of Work
2016-current	Senior Lecturer	Chemistry	Universiti Pertahanan Nasional Malaysia
2011-2016	Tutor	Chemistry	Universiti Pertahanan Nasional Malaysia
2010-2011	Product Development Technologist	Food Industries	Fonterra Brands (M) Sdn. Bhd.
2010	NPD Technition	Food Industries	Fonterra Brands (M) Sdn. Bhd.
2009	Lab Demonstrator	Chemistry	Universiti Malaya
2008	Research Assistant	Chemistry	Universiti Malaysia Terengganu
2007	Practical Training	Bio-Chemistry	Malaysian Palm Oil Board (MPOB)

1.0 TEACHING AND SUPERVISION

1.1 Foundation Courses

(Please list in chronological order and state: course title, semester and year)

No.	Course Title	Semester	Year
1.	FCH 0216 – Chemistry I	1	2022-2023
2.	FCH 0226 – Chemistry II	2	2022-2023
3.	FCH 0216 – Chemistry I	1	2021-2022
4.	FCH 0226 – Chemistry II	2	2021-2022
5.	FCH 0226 – Chemistry II	2	2020-2021
6.	FCH 0216 – Chemistry I	1	2020-2021
7.	FCH 0226 – Chemistry II	2	2019-2020
8.	FCH 0216 – Chemistry I	1	2019-2020
9.	FCH 0216 – Chemistry II	2	2018-2019
10.	FCH 0226 – Chemistry II	2	2017-2018
11.	FCH 0216 – Chemistry I	1	2017
12.	FCH 0226 – Chemistry II	2	2016-2017
13.	FCH 0216 – Chemistry I	1	2016
14.	FCH 0226 – Chemistry II	2	2012-2013
15.	FCH 0216 – Chemistry I	1	2012
16.	FKA 0241 – Chemistry Lab II	2	2011-2012
17.	FKA 0121 – Chemistry Lab I	1	2011

1.2 M.Sc Supervision (by Research)

(Please list in chronological order and state: name of student, year project title and status)

No	Name of Student	Project Title	Year	Role (Main / Co-Supervision)	Status <ul style="list-style-type: none">• Completed• Submitted• In Progress	University
1.	Nur Syakirah Abdul Rahim	Synthesis of Molybdenum Carbide based Catalyst by Carbon Monoxide Carburization for Thermochemical Water Splitting Hydrogen Production	2021	Main Supervisor	In Progress	UPNM

2.	Nik Nur Atiqah Nik Wee	Penyalutan Silika dengan Magnet Nanoparticle dan Pengekstrakan Phenol daripada Sampel Air	2019	Co-Supervisor	In Progress	UKM
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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 • Principle • Members	Grant Year	Source amount	Status • Completed • In Progress
1.	Thermochemical Water Splitting Hydrogen Production using Carburized Molybdenum Oxide based Catalyst	Dr. Alinda Samsuri (principle)	2022	RM 20,000	In Progress
2.	Synthesis of Molybdenum Carbide based Catalyst by carbon Monoxide Carburization Process for Thermochemical Water Splitting Hydrogen Production	Dr. Alinda Samsuri (principle) Prof. Dr. Mohd Ambar Yarmo (member) Dr. Norli Abdullah (member) En. Mohd Nor Latif (member) Dr. Tengku Shafazila Tengku Saharuddin (member)	2019	RM 46,443	Completed
3.	Simple and Rapid Method to Detect Stimulant of Nerve Agent by Calorimetric Incorporated with Image Processing Technique	Prof. Dr. Ong Keat Khim (principle) Prof. Emeritus Dato' Dr. Wan Md Zin Wan Yunus (member) Lt. Kol Prof. Dr. Victor Feizal Abd Shattar Knight (B) (member) Dr. Siti Zulaikha Ngah Demon (member) Dr. Jahwarhar Izuan Abdul Rashid (member) Dr. Alinda Samsuri (member) Dr. Nor Laili Azua Jamari (member)	2018	RM 200,000	Completed
4.	Polyonic Liquid – Metal Oxide Nanocomposite based Sensor for Detection of Sarin Gas	Dr. Siti Aminah Mohd Noor (principle) Prof. Emeritus Dato' Dr. Wan Md Zin Wan Yunus (member)	2018	RM 200,000	Completed

		Lt. Kol Prof. Dr. Victor Feizal Abd Shattar Knight (B) (member) Dr. Alinda Samsuri (member) Prof. Madya Dr. Norhana Abdul Halim (member) Dr. Siti Zulaikha Ngah Demon (member) Dr. Safura Taufik (member)			
5.	Microwave Synthesis of Silicone Carbide from Rice Husk	Dr. Alinda Samsuri (principle) Dr. Siti Aminah Mohd Noor (member) Dr. Norherdawati Kasim (member) Dr. Intan Juliana Shamsudin (member) Prof. Madya Dr. Aniza Ibrahim (member) Prof. Emeritus Dato' Dr. Wan Md Zin Wan Yunus (member)	2017	RM 40,000	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 (Please bold your name)	Type of Journal • ISI • SCOPUS • Peer-Reviewed
1.	A. Samsuri , M. N. Latif, N. Dzakaria, F. Salleh, M. N. Abu Tahari, T. S. Tengku Saharuddin and M. A. Yarmo. 2021 . Influence of Zr Additive on the Chemical Reduction Behaviour of MoO ₃ in Carbon Monoxide Atmosphere. <i>Solid State Phenomena</i> 317: 173-179.	SCOPUS
2.	A. Samsuri , M. N. Latif, M. R. Shamsuddin, F. Salleh, M. N. Abu Tahari, T. S. Tengku Saharuddin, N. Dzakaria and M. A. Yarmo. 2021 . Studies on influence of hydrogen and carbon monoxide concentration on reduction progression behavior of molybdenum oxide catalyst. <i>International Journal of Hydrogen Energy</i> 46 (48): 24831-24844.	ISI
3.	N. Dzakaria, A. H. Lahuri, T. S. Tengku Saharuddin, A. Samsuri , F. Salleh, W. N. R Wan Isahak, M. R. Yusop and M. A. Yarmo. 2021 . Preparation of cerium doped nickel oxide for lower reduction temperature in carbon monoxide atmosphere. <i>Malaysian Journal of Analytical Sciences</i> 25 (3): 521-531.	SCOPUS

4.	F. Salleh, M. N. Abu Tahari, A. Samsuri , T. S. Tengku Saharuddin, S. S. Sulhadi and M. A. Yarmo. 2021 . Physical and chemical behaviour of tungsten oxide in the presence of nickel additive under hydrogen and carbon monoxide atmospheres. <i>International Journal of Hydrogen Energy</i> 46 (48): 24814-24830	ISI
5.	M. N. Abu Tahari, F. Salleh, T. S. Tengku Saharuddin, A. Samsuri , S. Samidin and M. A. Yarmo. 2021 . Influence of hydrogen and carbon monoxide on reduction behavior of iron oxide at high temperature: Effect on reduction gas concentrations. <i>International Journal of Hydrogen Energy</i> 46 (48): 24791-24805.	ISI
6.	F. N. Diauddin, S. A. Mohd Noor, J. I. Abdul Rashid, V. Feizal Knight, W. M. Z. Wan Yunus, K. K. Ong, N. A. Mohd Kasim, S. Taufik, A. Samsuri , I. J. Shamsudin and W. Latip. 2020 . Preparation and Characterisation of Polypyrrole-Iron Oxyhydroxide Nanocomposite as Sensing Material. <i>Advances in Materials Science and Engineering</i> .	ISI
7.	M. N. Norizan, M. H. Moklis, S. Z. Ngah Demon, N. Halim, A. Samsuri , I. S. Mohamad, V. Feizal Knight and N. Abdullah. 2020 . Carbon nanotubes: functionalisation and their application in chemical sensors. <i>RSC Advances</i> 10(71): 43704–43732.	ISI
8.	N. Dzakaria, M. N. Abu Tahari, F. Salleh, A. Samsuri , M. Abdul Halim Azizi, T. S. Tengku Saharuddin, M. R. Yusop, W. N. R Wan Isahak, M. W. Mohamed Hisham and M. A. Yarmo. 2020 . Chemical Reduction Behavior of Zirconia Doped to Nickel at Different Temperature in Carbon Monoxide Atmosphere. <i>Indonesian Journal of Chemistry</i> 20 (1): 105-112.	ISI
9.	M. N. Abu Tahari, F. Salleh, T. S. Tengku Saharuddin, , N. Dzakaria, A. Samsuri , M. W. Mohamed Hisham and M. A. Yarmo. 2019 . Influence of hydrogen and various carbon monoxide concentrations on reduction behavior of iron oxide at low temperature. <i>International Journal of Hydrogen Energy</i> 44 (37): 20751-20759.	ISI
10.	T. S. Tengku Saharuddin, N. S. E. Nor Azman, F. Salleh, A. Samsuri, R. Othaman, M. Kassim, M. W. Mohamed Hisham and M. A. Yarmo. 2019 . Influence of Cerium on the Reduction Behaviour of Iron Oxide by Using Carbon Monoxide: TPR and Kinetic Studies. <i>Malaysian Journal of Science Health & Technology</i> (4): 2601-0003.	
11.	A. Samsuri , F. Salleh, T. S. Tengku Saharuddin, M. W. Mohamed Hisham, R. Othaman and M. A. Yarmo. 2017 . Effect of Noble Metal Silver on the Reduction Behaviour of Molybdenum Oxide Using Carbon Monoxide. <i>Material Science Forum</i> 888: 377-381.	SCOPUS
12.	T. S. Tengku Saharuddin, F. Salleh, A. Samsuri , N. Dzakaria, R. Othaman, M. Kassim, M. W. Mohammad Hisham and M. A. Yarmo. 2017 . Effect of rhodium additive on the reduction behaviour of iron oxide in carbon monoxide atmosphere. <i>Malaysian Journal of Analytical Sciences</i> 21 (4): 907-913.	SCOPUS
13.	T. S. Tengku Saharuddin, A. Samsuri , F. Salleh, M. Kassim, R. Othaman, M. W. Mohamed Hisham, M. A. Yarmo. 2017 . Studies on Reduction of Chromium doped Iron Oxide Catalyst using Hydrogen and Various Concentration of Carbon Monoxide. <i>International Journal of Hydrogen Energy</i> 42 (14): 9077–9086.	ISI

14.	F. Salleh, T. S. Tengku Saharuddin, A. Samsuri , R. Othaman, M. W. Mohamed Hisham and M. A. Yarmo. 2017 . Influence of Cerium Additive on the Reduction Behaviour of Tungsten Oxide under Carbon Monoxide Atmosphere. <i>Material Science Forum</i> 888: 389-393.	SCOPUS
15.	M. N. Latif, A. Samsuri , M. W. Mohammad Hisham and M. A. Yarmo. 2017 . Reduction of Molybdenum Trioxide by Using Hydrogen. <i>Material Science Forum</i> 888: 404-408.	SCOPUS
16.	N. Dzakaria, F. Salleh, T. S. Tengku Saharuddin, A. Samsuri , A. Hakim, W. N. R. Wan Isahak, M. W. Mohamed Hisham and M. A. Yarmo. 2017 . Studies of Fe Metal Carburization by Carbon Monoxide Using XRD and TPR Techniques. <i>Material Science Forum</i> 888: 524-528.	SCOPUS
17.	A. Samsuri , T. S. Tengku Saharuddin, F. Salleh, R. Othaman, M. W. Mohamed Hisham and M. A. Yarmo. 2016 . Temperature Programmed Reduction and X-Ray Diffractometry Studies of MoO ₃ Reduction by Different Concentration of Carbon Monoxide. <i>Malaysian Journal of Analytical Sciences</i> 20 (2): 382 – 387.	SCOPUS
18.	A. Samsuri , T. S. Tengku Saharuddin, F. Salleh, R. Othaman, M. W. Mohamed Hisham and M. A. Yarmo. 2016 . Study on Reduction Behaviour of Molybdenum Oxide (MoO ₃) in Carbon Monoxide (CO) Atmosphere. <i>Material Science Forum</i> 840: 299-304.	SCOPUS
19.	A. Samsuri , F. Salleh, T. S. Tengku Saharuddin, M. W. Mohamed Hisham, R. Othaman and M. A. Yarmo. 2016 . Study on the Reduction Behaviour of Nickel Doped Molybdenum Trioxide by Using Carbon Monoxide as Reductant. <i>International Journal of Chemical Engineering and Applications</i> 7: 16-21.	
20.	T. S. Tengku Saharuddin, A. Samsuri , F. Salleh, M. Kassim, R. Othaman, M. W. Mohamed Hisham, M. A. Yarmo. 2016 . Influence of Chromium on the Reduction Behavior of Ferric Oxide bu using Carbon Monoxide: Temperature Programmed Reduction and Kinetic Studies. <i>Malaysian Journal of Analytical Sciences</i> 20 (3): 531-538 .	SCOPUS
21.	T. S. Tengku Saharuddin, A. Samsuri , F. Salleh, R. Othaman, M. Kassim, M. W. Mohamed Hisham and M. A. Yarmo. 2016 . The Reduction Behaviour of Cerium Doped Iron Oxide in Hydrogen and Carbon Monoxide Atmosphere. <i>Material Science Forum</i> 840: 381-385.	SCOPUS
22.	F. Salleh, A. Samsuri , T. Shafazila Tengku Saharuddin, M. W. Mohamed Hisham, R. Othaman, M. A. Yarmo. 2016 . Reduction Behaviour of Tungsten Oxide by Various Concentration of Carbon Monoxide. <i>Malaysian Journal of Analytical Sciences</i> 20 (6): 1510-1514.	
23.	F. Salleh, T. S. Tengku Saharuddin, A. Samsuri , R. Othaman, M. W. Mohamed Hisham and M. A. Yarmo. 2016 . Reduction behaviour of WO ₃ to W under Carbon Monoxide Atmosphere. <i>Material Science Forum</i> 840: 305-308.	SCOPUS
24.	A. Samsuri , T. S. Tengku Saharuddin, F. Salleh, M. W. Mohamed Hisham, R. Othaman and M. A. Yarmo. 2015 . Reduction of MoO ₂ to Metallic Molybdenum via Carburization and Thermal Process. <i>Advanced Materials Research</i> 1087: 64-67.	

25.	F. Salleh, A. Samsuri , T. S. Tengku Saharuddin, R. Othman, M. W. Mohamed Hisham, M. A. Yarmo. 2015 . Temperature-Programmed and X-Ray Diffractometry Studies of WO ₃ Reduction by Carbon Monoxide. <i>Advanced Materials Research</i> 1087: 73-76.	
26.	T. Shafazila, A. Samsuri , F. Salleh, R. Othaman, M. Kassim, M. W. Mohamed Hisham and M. A. Yarmo. 2015 . Temperature Programme Reduction and X-Ray Diffraction Studies of Fe ₂ O ₃ Reduction by Different Concentration of Carbon Monoxide. <i>Advanced Materials Research</i> 1087: 55-58.	
27.	T. S. Tengku Saharuddin, F. Salleh, A. Samsuri , R. Othaman, and M. A. Yarmo. 2015 . Influence of Noble Metal (Ru, Os and Ag) on the Reduction Behaviour of Iron Oxide Using Carbon Monoxide: TPR and Kinetic Studies. <i>International Journal of Chemical Engineering and Applications</i> 6: 405-409.	
28.	F. Salleh, T. S. Tengku Saharuddin, A. Samsuri , R. Othaman, and M.. A. Yarmo. 2015 . Effect of Zirconia and Nickel Doping on the Reduction Behavior of Tungsten Oxide in Carbon Monoxide Atmosphere. <i>International Journal of Chemical Engineering and Applications</i> 6: 389-394.	

2.2.2 Book/Chapter in Book:

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

No.	Authors, year, title, publisher, volume and number of pages (Please bold your name)	Level <ul style="list-style-type: none"> • International • National • University
1.	Norhana Abdul Halim, Norli Abdullah, Ahmad Farid Mohd Azmi, Noor Aisyah Ahmad Shah, Fadhlina Che Ros, Nurulhuda A. Manaf, Wan Yusmawati Wan Yusoff, Jahwarhar Izuan Abdul Rashid, Fadhlul Wafi Badrudin, Ong Keat Khim, Wan Rozita Wan Din, Noor Azilah Mohd Kasim, Mohd Anuar Jamaludin, Siti Aminah Mohd Noor, Alinda Samsuri , Nor Ain Azeany Mohd Nasir, Mazlinda Ibrahim, Nur Aisyah Abdul Fataf, Ruzanna Mat Jusoh, Nor Laili-Azua Jamari, Hidayati Hamdan, Fatin Amirah Ahmad Shukri, Azuraini Mohd Arif, Normurniyati Abd Shattar, Syed Mohd Shafiq Syed Ahmad. (2020). Buku Panduan Pengajaran dan Pembelajaran Dalam Talian (PdPDT) Program Asasi Sesi Akademik 2020/2021 Edisi Pelajar. Centre for Defence Foundation Studies, UPNM. Edisi 1	University
2.	Norhana Abdul Halim, Norli Abdullah, Ahmad Farid Mohd Azmi, Noor Aisyah Ahmad Shah, Fadhlina Che Ros, Nurulhuda A. Manaf, Wan Yusmawati Wan Yusoff, Jahwarhar Izuan Abdul Rashid, Fadhlul Wafi Badrudin, Ong Keat Khim, Wan Rozita Wan Din, Noor Azilah Mohd Kasim, Mohd Anuar Jamaludin, Siti Aminah Mohd Noor, Alinda Samsuri , Nor Ain Azeany Mohd Nasir, Mazlinda Ibrahim, Nur Aisyah Abdul Fataf, Ruzanna Mat Jusoh, Nor Laili-Azua Jamari, Hidayati Hamdan, Fatin Amirah Ahmad Shukri, Azuraini Mohd Arif, Normurniyati	University

	Abd Shattar, Syed Mohd Shafiq Syed Ahmad. (2020). Buku Panduan Pengajaran dan Pembelajaran Dalam Talian (PdPDT) Program Asasi Sesi Akademik 2020/2021 Edisi Pensyarah. Centre for Defence Foundation Studies, UPNM. Edisi 1.	
3.	Alinda Samsuri , Norherdawati Kasim, Noor Aisyah Ahmad Shah, Siti Hasnawati Jamal, Mohd Junaedy Osman, Siti Aminah Mohd Noor, Noor Azilah Mohd Kasim, Madinah Jaafar Md Ariff, Ong Keat Khim, Nas Aulia Ahmad Nasaruddin, Intan Juliana Shamsudin, Safura Taufik, Wan Md Zin Wan Yunus. (2017). Chemistry Laboratory I Manual, Centre for Defence Foundation Studies, UPNM	University
4.	Noor Aisyah Ahmad Shah, Siti Hasnawati Jamal, Mohd Junaedy Osman, Siti Aminah Mohd Noor, Noor Azilah Mohd Kasim, Madinah Jaafar Md Ariff, Ong Keat Khim, Norherdawati Kasim, Nas Aulia Ahmad Nasaruddin, Intan Juliana Shamsudin, Alinda Samsuri , Safura Taufik, Wan Md Zin Wan Yunus. (2016). Module Chemistry I, Centre for Defence Foundation Studies, UPNM	University
5.	Alinda Samsuri , Madinah Jaafar Md Ariff, Noor Aisyah Ahmad Shah, Siti Hasnawati Jamal, Mohd Junaedy Osman, Siti Aminah Mohd Noor, Noor Azilah Mohd Kasim, Ong Keat Khim, Norherdawati Kasim, Nas Aulia Ahmad Nasaruddin, Intan Juliana Shamsudin, Safura Taufik, Wan Md Zin Wan Yunus. (2016), Chemistry Laboratory I Manual, Centre for Defence Foundation Studies, UPNM	University
6.	Intan Juliana Shamsudin, Noor Aisyah Ahmad Shah, Siti Hasnawati Jamal, Mohd Junaedy Osman, Siti Aminah Mohd Noor, Noor Azilah Mohd Kasim, Madinah Jaafar Md Ariff, Ong Keat Khim, Norherdawati Kasim, Nas Aulia Ahmad Nasaruddin, Alinda Samsuri , Safura Taufik, Wan Md Zin Wan Yunus. (2016). Chemistry Laboratory II Manual, Centre for Defence Foundation Studies, UPNM	University

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"> • International • National • University
1.	N. N. A. Nik Wee, A. Samsuri , M. N. Latif and W. M. Z. Wan Yunus. 2019. Synthesis of Silica from Rice Husk using Acid Pretreatment and its Characterization. <i>AIP Conference Proceedings</i> 2068: 5089367.	International

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1.	Conference on Advanced Materials Characterization Techniques in Research, Industry and Nuclear Applications 2022 (AMCT 2022)	Effect of Nickel Loading on the Isothermal Carburation of Molybdenum Trioxide Catalyst	Presenter	23-24 August 2022	UTHM & XAPP-MNS Malaysia
2.	Creations de UiTM: International Mega Innovation Carnival 2022 (CDU 2022)	YIPPIE Organo Tiles	Presenter	24 March - 8 April 2022	UiTM Dengkil
3.	2 nd Pre-University Matriculation Innovation Competition 2022 (PIITRAM 2022)	YIPPIE Organo Tiles: An Interactive Game for Pre-University Organic Chemistry	Presenter	2-4 March 2022	UPNM & Asasi Council
4.	International Conference on X-ray and Related Techniques in Research and Industry 2021 (ICXRI 2021)	Physical and Chemical Reduction Behaviour of Chromium Doped to Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	18-19 August 2021	UPNM & XAPP-MNS Malaysia
5.	Pre-University Matriculation Innovation Competition 2021 (PIITRAM 2021)	Whoopee Organo Troop: Informative Card Game for Pre University Organic Chemistry	Presenter	7-9 March 2021	UMT & Asasi Council
6.	5th International Conference of Chemical Engineering & Industrial	Influence of Chromium on the Reduction Behaviour of Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	9-11 August 2020	UMP

	Biotechnology (5th ICCEIB 2020)				
7.	7th International Conference on Solid State Science and Technology (7th ICSSST 2019)	Influence of Zr Additive on the Reduction Behaviour of MoO ₃ in Carbon Monoxide Atmosphere	Presenter	11-13 November 2019	UPNM & MASS Malaysia
8.	Material Technology Challenges 2019 MTC 3.0	Influence of Zr Additive on the Reduction Behaviour of MoO ₃ in Carbon Monoxide Atmosphere	Presenter	11-13 November 2019	UPNM & MASS Malaysia
9.	Energy Security and Chemical Engineering Congress 2019 (ESChE 2019)	Influence of Hydrogen and Carbon Monoxide Concentration on reduction Behavior of Molybdenum Oxide Catalyst	Presenter	17-19 July 2019	UMP & CARIFF
10.	Invention, Defence Security and Sustainability Exhibition 2019 (DSS2019)	Water as an Alternative Fuel for Future	Presenter	25 April 2019	UPNM
11.	Invention, Defence Security and Sustainability Exhibition 2019 (DSS2019)	Synthesis of Silica from Rice Husk using Precipitation Method with Different Parameters and Its Characterizations	Presenter	25 April 2019	UPNM
12.	International Conference on Catalysis 2018 (iCAT2018)	Comparison Studies on Reduction of Molybdenum Oxide using Different Reducing Agent (Hydrogen and Carbon Monoxide)	Presenter	13-15 November 2018	UPM & Malaysian Catalysis Society
13.	Invention, Innovation & Design Exposition 2017 (iidex2017)	Green Technology Process in Converting Water to Future Energy	Presenter	25-29 September 2017	UiTM
14.	Conference on Advanced Materials Characterization	The Influence of Zr Additions on The Reduction Behaviour of MoO ₃ to MoO ₂ by using	Presenter	16-17 Ogos 2017	UIAM & XAPP-MNS Malaysia

	Techniques in Research, Industry and Nuclear Applications 2017 (AMCT 2017)	Carbon Monoxide as Reductant			
15.	Defence Security and Sustainability Exhibition 2017 (DSS2017)	Influence of Chromium in the Reduction Behaviour of Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	10-11 Julai 2017	UPNM
16.	International Workshop on Nanotechnology for Young Scientists (IWYS2016)	Effect of Zirconium Doping on the Reduction Behavior of MoO ₃ to MoO ₂ by using Carbon Monoxide as Reductant Agent	Presenter	28-30 November 2016	UKM, ISESCO & COMSATS
17.	International Conference on X-ray and Related Techniques in Research and Industry 2016 (ICXRI 2016)	Influence of Cr on the Reduction Behaviour of Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	17-18 Ogos 2016	Nuklear Malaysia & XAPP-MNS Malaysia
18.	International Conference on Fuel Cell & Hydrogen Technology (ICFCHT 2015)	Influence of Cr on the Reduction Behaviour of Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	1-3 September 2015	UTM
19.	Conference on Advanced Materials Characterization Techniques in Research, Industry and Nuclear Applications 2015 (AMCT 2015)	Study on Reduction Behaviour of Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	9-10 Jun 2015	XAPP-MNS Malaysia
20.	The 15th Postgraduate Colloquium Faculty of Science & Technology 2015	Study on Reduction Behaviour of Molybdenum Oxide in Carbon Monoxide Atmosphere	Presenter	15-16 April 2015	FST, UKM

21.	2nd International Conference on Chemical and Food Engineering (ICCFE2015)	Study on the Reduction Behaviour of Nickel Doped Molybdenum Trioxide by Using Carbon Monoxide as Reductant	Presenter	6-7 April 2015	Asia-Pacific Chemical, Biological & Environmental Engineering Society
22.	Universiti Kebangsaan Malaysia-Osaka University SAKURA Science Programme (2015)	Temperature Programmed Reduction and X-Ray Diffractometry Studies of MoO ₃ Reduction by Carbon Monoxide	Presenter	9-14 Mac 2015	Japan Science and Technology Agency
23.	International Conference on Applied Sciences & Industrial Technology (ICASIT 2015)	Temperature Programmed Reduction and X-Ray Diffractometry Studies of MoO ₃ Reduction by Different Concentration of Carbon Monoxide	Presenter	24-26 Februari 2015	UiTM
24.	The 6th International Conference on Postgraduate Education (ICPE-6 2014)	Reduction Behaviour of MoO ₃ to MoO ₂ by using Carbon Monoxide as Reductant	Presenter	17-18 Disember 2014	KPM, MYDEGS, UTEM & UTHM
25.	27th Regional Symposium of Malaysia Analytical Sciences 2014 (SKAM27)	Effect of Zirconium Doping on the Reduction Behavior of MoO ₃ to MoO ₂ by using Carbon Monoxide as Reductant	Presenter	9-10 Disember 2014	UTM & ANALIS
26.	International Conference on X-ray and Related Techniques in Research and Industry 2014 (ICXRI 2014)	Reduction of MoO ₂ to Metallic Molybdenum via Carburization and Thermal Process	Presenter	11-13 Ogos 2014	UTHM & XAPP-MNS Malaysia
27.	National Research and Innovation Competition 2008 (NRIC 2008)	Photodegradation of Polycyclic Aromatic Hydrocarbon (PAHs) in Fossil Fuel using Titanium Dioxide	Presenter	20-22 May 2008	USM

		Nanotube (TNT) Photocatalyst			
28.	Shell Inter-Varsity Student Paper Presentation Contest 2008	Photodegradation of Polycyclic Aromatic Hydrocarbon (PAHs) in Fossil Fuel using Titanium Dioxide (TiO ₂) Photocatalyst	Presenter	3-4 March 2008	UTM & Shell Malaysia

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.	Gold Award DSS 2022	2022	National	DSS 2022, UPNM, Malaysia
2.	Gold Award CDU 2022	2022	National	CDU 2022, UiTM, Malaysia
3.	Gold Award PIITRAM 2022	2022	National	PIITRAM 2022, UPNM, Malaysia
4.	2 nd Best Poster PIITRAM 2022	2022	National	PIITRAM 2022, UPNM, Malaysia
5.	Invitation as reviewer UPM-KYUTECH International Symposium on Applied Engineering & Sciences	2021	International	UPM, Malaysia & KYUTECH, Japan
6.	Silver Award MCO Publication Contest 3.0/2021	2021	University	UPNM, Malaysia
7.	Bronze Award PIITRAM 2021	2021	National	PIITRAM 2021, UMT, Malaysia
8.	Invitation as reviewer for Material Science Forum	2021	International	Trans Tech Publication
9.	Invitation as reviewer for Sains Malaysiana Journal	2021	International	Universiti Kebangsaan Malaysia
10.	Anugerah Akademik Cemerlang 2020: Anugerah Inovasi Pengajaran	2020	University	UPNM, Malaysia

11.	Anugerah Perkhidmatan Cemerlang 2020	2020	University	UPNM, Malaysia
12.	Invitation as reviewer for Malaysian Journal of Analytical Sciences (MJAS) Journal	2020	International	Malaysian Analytical Sciences Society
13.	Invitation as reviewer for Solid State Phenomena	2020	International	Trans Tech Publication
14.	Invitation as reviewer for International Journal of Integrated Engineering	2019	International	UTHM Publisher's Office
15.	Invitation as reviewer for ICoRAST2019 Conference	2019	International	USIM, Malaysia
16.	Invitation as reviewer for ZULFAQAR International Journal of Defence Science, Engineering & Technology	2019	International	Zulfaqar IJDSET
17.	Invitation as reviewer for RCSSST2018 Conference	2019	National	MASS Malaysia & USIM, Malaysia
18.	Gold Award DSS 2019	2019	National	DSS 2019, UPNM, Malaysia
19.	Silver Award DSS 2019	2019	National	DSS 2019, UPNM, Malaysia
20.	Silver Award MTC 3.0	2019	International	MASS Malaysia
21.	Invitation as reviewer for ZULFAQAR International Journal of Defence Science, Engineering & Technology	2018	International	Zulfaqar IJDSET
22.	Silver Award iidex 2017	2017	National	iidex 2017, UiTM, Malaysia
23.	Bronze Award DSS 2017	2017	National	DSS 2017, UPNM, Malaysia
24.	Invitation as reviewer for Material Science Forum	2017	International	Trans Tech Publication
25.	Invitation as reviewer for AMCT2017 Conference	2017	International	XAPP-MNS Malaysia & UIAM, Malaysia
26.	Graduate on Time Award FST, UKM	2016	National	UKM, Malaysia
27.	Best Paper Award ICASIT 2015	2015	International	ICASIT 2015
28.	Best Oral Presenter Award ICASIT 2015	2015	International	ICASIT 2015
29.	Best Poster Award AMCT 2015	2015	National	AMCT 2015
30.	Best Poster Award SKAM27 2014	2014	National	SKAM27 2014

31.	Best Thesis for BSc. Analytical & Environmental Chemistry Programme	2008	National	Universiti Malaysia Terengganu
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3.2 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.	Coordinator for Laboratory Chemistry I subject (2022/2023)	1 semester
2.	Research Fellow (CENTROP) (2022-2023)	2 years
3.	Coordinator for Laboratory Chemistry I subject (2021/2022)	1 semester
4.	Editor for Buletin@RIA 3 rd Edition PAP (2021)	1 year
5.	Coordinator for Chemistry I subject (2020/2021)	1 semester
6.	Committee member of Online Teaching & Learning PAP (2020/2021)	1 year
7.	Committee member for Semakan Kurikulum Program Asasi (2020-current)	
8.	Editor for Buletin@RIA 2 nd Edition PAP (2020)	1 year
9.	Coordinator for New Subject (Mini Project I and II) for Foundation Programme (2019-current)	
10.	Academic Advisor for Foundation Students (2019/2020)	1 year
11.	Co-editor for Chemistry I Modul (2019/2020)	1 semester
12.	Coordinator for Chemistry II subject (2018/2019)	1 semester
13.	Academic Advisor for Foundation Students (2018-2019)	1 year
14.	UPNM Asset Inspection Officer (2018-current)	
15.	Members of Sahabat Gerah SPRM (2018-current)	
16.	Coordinator for Laboratory Chemistry I subject (2017/2018)	1 semester
17.	Committee member of Kelab Keraian & Rekreasi PAP (2017-2019)	2 years
18.	Academic Advisor for Foundation Students (2017-2018)	1 year
19.	Member of Malaysian Solid State Science and Technology Society (MASS) (2017-current)	
20.	Committee member of Science, Technology, Engineering and Mathematics (STEM) PAP (2017-current)	
21.	Committee member of New Programme Preparation (Forensic Science) (2016-current)	
22.	Co-coordinator for Chemistry II subject (2016/2017)	1 semester
23.	Coordinator for Laboratory Chemistry I subject (2016/2017)	1 semester
24.	Member of Malaysian Nuclear Society (MNS) (2016-current)	

25.	Member of Sakura Science Club, Japan Science Technology Agency (JST) (2016-current)	
26.	Coordinator for Chemistry I subject (2012/2013)	1 semester
27.	Academic Advisor for Foundation Students (2012-2013)	1 year
28.	Secretary for Department of Chemistry & Biology (2012)	1 year

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	UPNM & Asasi Council	Judges 2 nd Pre-University Matriculation Innovation Competition 2022 (PIITRAM 2022)	2 March 2022	4 March 2022	National
	Universiti Teknologi Mara Negeri Sembilan Campus	Judges Negeri Sembilan International Exposition 2021 (NSIEx2021)	4 October 2021	4 October 2021	International
	Universiti Putra Malaysia Bintulu Campus	Judges 7th Agricultural Engineering Annual Regional Convention 2021 (7th ARC2021)	28 July 2021	10 August 2021	International
2.	Gagasan Pendidikan Melayu Malaysia	Judges Pertandingan Olympiad Sains & Matematik (Wilayah Persekutuan)	19 April 2018	19 April 2018	National
3.	UiTM Cawangan Negeri Sembilan	Judges International, Invention and Innovation Design Competition Negeri Sembilan 2018 (IIIDCNS) UiTM Cawangan Negeri Sembilan	18 April 2018	18 April 2018	National
4.	UIAM & XAPP-MNS Malaysia	Judges AMCT 2017 Conference	16 August 2017	16 August 2017	International
5.	Maktab Rendah Sains MARA Gemencheh	Judges Pertandingan Inovasi Muslim	16 July 2017	16 July 2017	National
6.	Pusat Siswazah Universiti	Panelist Focus Group Discussion (Kajian Melengkapkan	19 May 2017	19 May 2017	University

	Kebangsaan Malaysia	Pengajian Siswazah Tepat Masa)			
7.	Gagasan Pendidikan Melayu Malaysia	Judges Pertandingan Olympiad Sains & Matematik (Johor)	16 November 2016	16 November 2016	National
8.	Gagasan Pendidikan Melayu Malaysia	Judges Pertandingan Olympiad Sains & Matematik (Terengganu)	16 October 2016	16 October 2016	National
6.	Gagasan Pendidikan Melayu Malaysia	Judges Pertandingan Olympiad Sains & Matematik (Wilayan Persekutuan)	13 Oktober 2016	13 Oktober 2016	National
7.	Gagasan Pendidikan Melayu Malaysia	Question maker Pertandingan Olympiad Sains & Matematik	12 August 2016	14 August 2016	National

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 : **DR. ALINDA SAMSURI**

Faculty/Department : **Department of Chemistry and Biology, Centre for Defence Foundation Studies, UPNM**

Date : **26 August 2022**