



UNIVERSITI PERTAHANAN NASIONAL MALAYSIA

JABATAN PENDAFTAR

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CURRICULUM VITAE



I. PERSONAL PARTICULARS

Name	PROF. MADYA DR. NOOR AZILAH MOHD KASIM
Current Position Faculty / Department	PROF MADYA(DS 54)/RESEARCH FELLOW CENTRE OF DEFENCE FOUNDATION STUDIES (PAP/ CHEMDEF

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

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

Year	Degree	Discipline	University
1993	B.Sc(Hons)	Chemistry	UKM
2004	Master of Science	Chemistry	UKM
2011	Doctor of Philosophy	Chemistry	UKM

III. TITLES OF POSTGRADUATE THESES WRITTEN

No.	TITLES OF POSTGRADUATE THESES
1.	Tindak balas dan Pengkompleksan Sb (II) dan Sb(V)
2.	Synthesis and Characterization of 5-Acetyl-4-Methyl-1,3-Thiazole Derivaties

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

Year	Position	Field of Work	Place of Work
1993-1994	Pegawai Tadbir	Chemist	PORLA
1994–1998	Production Executive	Manufacturing Supervisor	Chip Pac Sdn Bhd, Hulu Kelang
1998 –2003	Lead Science Facilitator (Executive)	Designed program and science activities	PETROSAINS Sdn Bhd, KLCC
2005	Part time tutor	Give out lectures and tutorials	Open University Malaysia (OUM)
2005-2006	Part time lecturer	Give out lectures and tutorials	ATMA
2007-current	Lecturer	Give out lectures and tutorials, research and publication,	UPNM

1.0 TEACHING AND SUPERVISION**1.1 Postgraduate Courses**

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

No.	Course Title	Semester	Year

1.2 First Degree Courses

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

No.	Course Title	Semester	Year

1.3 Diploma Courses

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

No.	Course Title	Semester	Year

1.4 Pre-Degree Courses

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

No	Course Title	Semester	Session
1	Chemistry 1	1	2007/08
2	Chemistry 2	2	2007/08
3	Chemistry Lab	1 and 2	2007/08
4	Chemistry 1	1	2008/09
5	Chemistry 2	2	2008/09
6	Chemistry Lab	1 and 2	2008/09
7	Chemistry 1	1	2009/10
8	Chemistry 2	2	2009/10
9	Chemistry Lab	1 and 2	2009/10
10	Chemistry 1	1	2010/11
11	Chemistry 2	2	2010/11
12	Chemistry Lab	1 and 2	2010/11
13	Chemistry 1	1	2011/12
14	Chemistry 2	2	2011/12
15	Chemistry Lab	1 and 2	2011/12
16	Chemistry 1	1	2012/13
17	Chemistry 2	2	2012/13
18	Chemistry Lab	1 and 2	2012/13
19	Chemistry 1	1	2013/14
20	Chemistry 2	2	2013/14
21	Chemistry Lab	1 and 2	2013/14
22	Chemistry 1	1	2014/15
23	Chemistry 2	2	2014/15
24	Chemistry Lab	1 and 2	2014/15
25	Chemistry 1	1	2015/16
26	Chemistry 2	2	2015/16
27	Chemistry Lab	1 and 2	2015/16
28	Chemistry 1	1	2016/17
29	Chemistry 2	2	2016/17
30	Chemistry Lab	1 and 2	2016/17
31	Chemistry 1	1	2017/18
32	Chemistry 2	2	2017/18

33	Chemistry Lab	1 and 2	2017/18
34	Chemistry 1	1	2018/19
35	Chemistry 2	2	2018/19
36	Chemistry Lab	1 and 2	2018/19
37	Chemistry 1	1	2019/20
38	Chemistry 2	2	2019/20
39	Chemistry Lab	1 and 2	2019/20

1.5 PhD Supervision

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status • Completed • Submitted • In Progress	University
1.	Siti Hasnawati Jamal Phd (co-supervisor)	Preparation and Characteristic: Polylactic Acid/ Modified LDH/CNT Nanocomposite	2012	Co-supv	completed	UPNM
2.	Nurjahirah Janudin (main supervisor)	Modification of CNT and CNF for detection VOCs	2016	main	completed	UPNM
5.	Mas Amira Idayu Abdul Razak (main supervisor)	Synthesis of oxime derivatives and its linker as CWAs antidote	2018	main	In-progress	UPNM

1.6 PhD External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1.	Soleha Muhamat Yusuf	PREPARATION AND CHARACTERIZATION OF UNTREATED AND THERMALLY TREATED ALUM SLUDGE FOR ADSORPTION OF CARBON DIOXIDE (CO ₂) AND METHYLENE BLUE (MB)	Internal	2019	UPNM
2.	Zakiah Jamingan	LIPASE CATALYZED SYNTHESIS OF EPOXIDIZED PALM OIL AND ITS APPLICATION AS A CLAY MODIFIER FOR POLYLACTIC ACID/EPOXIDIZED PALM OIL/ORGANOCLAY NANOCOMPOSITE	Internal	26 February 2020	UPNM

		PREPARATION			
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1.7 MSc (by Research)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supv)	Status • Completed • Submitted • In Progress	University
1.	Nurjahirah Janudin (main)	Synthesis of Carbon Nanotubes for Detection of Volatile Organic Compounds	2013	Main-supv	submitted	UPNM
2.	Wahidah Zainol Rashid (main)	Ion Selective Electrodes For Heavy Metals Detection Based On Aryl Methyl Carbonylaminothiazole Derivatives As ionosphores	2016	Main-supv	In progress	UPNM
3.	Syafiqah binti Saidi (co)	Determination of thermal properties of carbon-based nanofluid as heat transfer media	2015	Co-supv	In progress	UPNM
4.	Mardhiatul Iftiah binti Ariffin (co)	The effect of metal supported catalyst on the conversion, selectivity and yields of biofuel from microalgae	2015	Co-supv	submitted	UPNM

1.8 MSc External/Internal Examination

(Please list in chronological order)

No.	Name of Student	Project Title	External / Internal	Date of Viva	University
1.	Nur Illane Mohd Halim	SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL SCREENING OF NEW BENZOYLTHIOUREA DERIVATIES AND THEIR METAL COMPLEXES.	External	2013	UITM

2.	Nur Athirah Zulkifli	STUDY ON THE INFLUENCE ON GROWTH AND YIELD OF RICE VARIETY MR 2019	Internal	2020 (in progress)	UPNM
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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 • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1.	Development of field test kit for detection of arsenic in drinking water	Co-researcher	1 July 2009 – June 2011	UPNM (RM 15 000)	Completed
2.	Synthesis of carbon nanotubes for the detection of volatile compounds.	Principal	Aug 2010 - Aug 2012	FRGS (RM 50 000)	Completed
3.	Synthesis and mechanistic studies of the reaction of thiocyanato-ace tylacetone with amino acid	Principal	April 2010– April 2012	FRGS (RM 50 000)	Completed
4.	Polylactic Acid/Modified LDH NanoComposite Preparation and Characterization	Co-researcher	2013-2015	RAGS (RM29 850)	Completed
5.	Ion Selective Electrodes for Heavy Metal Detection based on Aryl Methyl Carbonylaminothiazole Derivative As Ionophores	Principal Investigator	2013 - 2015	FRGS (RM 70,000)	Completed
6.	The Simultaneous Adsorption And Photocatalytic Degradation Of	Co-researcher	2013-2015	RAGS (RM 30 000)	Completed

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
	Crude Oil Using Electrospun P(3HB)TiO Nanocomposite Fibers				
7.	Research And Development of Simple PID Setting Device.	Co-researcher	2013-2015	RAGS (RM29 850)	Completed
8.	Functionalized CNTs On Absorption of Heavy Metals Species From Aqueous Solution.	Co-researcher	2013 -2015	RAGS (RM29 850)	Completed
9.	Effect of Surface Functional Groups of Carbon in Water-Based Nanofluids for Heat Transfer Media	Co-researcher	2013-2015	FRGS (RM105,000)	Completed
10	Heavy Metal-Ion Selective Electrode based on Aryl Methyl Carbonylamino Thiazole Derivatives as Ionophore	Principal	26 Jan 2015- 26 Julai 2017	K PM FRGS (RM70 000)	Completed
11	The Effect and Selectivity of Polymer Functionalised-CNT for Sensor Development of VOCs' Vapour	Principal	26 Jan 2015- 26 Julai 2017	KPM RACE/F3/SG 7/UPNM/7 (RM50 000)	Completed
12	Surface Modification Of Carbon Nanofibre For The Development Of Volatile Organic Compounds(VOCs) Chemical Sensor	Principal	2016-2018	KPM (Geran FRGS) FRGS/1/2016/STG01/UPNM/02/1 (RM 91 000)	On-going
13.	Detection of Chlorine Gas using Nanocellulose/CNT Nanocomposite	Principal	2018-2020	JKPDA UPNM/2018/CHEMDEF/S T/4 (RM240 000)	On-going

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress

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.	Razak, I.A., Usman, A., Fun, H.-K., Yamin, B. M. & Kasim, N.A. 2002. Bis[1,1'-bis(diphenylphosphino)ferrocenium]]hexadecachlorotetraantimony(III) ethanol solvate. <i>Acta Crystallography</i> C58: 162-164	International
2.	Razak, I.A., Usman, A., Fun, H.-K., Yamin, B. M. & Kasim, N.A. 2002. Bis[hydrogen (1,1'-bis(diphenylphosphino)ferrocenium)]octachlorotetraantimony(III)ethanol solvate. <i>Acta Crystallography</i> C58: 1-3	International
3.	Kasim, N.A.M & Yamin, B.M.2005. 5-Acetyl-4-methyl-2-phenylamino-1,3-thiazole. <i>Acta Crystallography</i> E61, o3794-o3795	International
4.	Kasim, N.A.M , Akbari, A. & Yamin, B.M.2005. 5-Acetyl-4-methyl-2-(2-fluorophenyl amino-1,3-thiazole. <i>Acta Crystallography</i> E61, o3490-o3491	International
5.	Yamin, B.M., Kasim, N.A.M. & Hamzah, N.2005. 4,4,6-Trimethyl-1-phenyl-3,4-dihydropyrimidine-2(1H)-thione. <i>Acta Crystallography</i> . E61, o55-o57	International
6.	Yamin, B.M., Kasim, N.A. & Akhbar, E.2005. 5-Acetyl-4-methyl-2-(o-toluidinyl)-1,3-thiazole. <i>Acta Crystallography</i> . E61, o1478-o1479	International
7.	Noor Azilah Mohd Kasim , Siti Hasnawati Jamal, Shafreeza Sobri, Nurjahirah Janudin 2012. Optimization of Synthesis of Carbon Nanotubes Using Chemical Vapor Deposition Method. <i>Journal</i>	International

	<i>Advanced Materials Research</i> (Volumes 488 - 489) Volume Key Engineering Materials II.	
8.	Noor Azilah M. Kasim , Eliyanti A.Othman, Umami Habibah Abdullah and Bohari M. Yamin. 2012. Crystal Structure of 3-(5-acetyl-2-aminothiazol-4-ylthio)-4-hydroxypentan-2-one. <i>Advanced Materials Research Vols. 554-556(2012)</i> pp 56-59©Trans Tech Publications, Switzerland	International
9.	Norli Abdullah, Imran Syakir Mohamad & Noor Azilah Mohd Kasim , Adsorption Isotherm Study of Copper Ion From Aqueous Solution By Filamentous Nanocarbons. <i>(Accepted for Publication (American Institute of Physics Proceeding) (SCOPUS)2014)</i>	International
10.	Synthesis of Carbon Nanotubes and Volatile Organic Compounds Detection S Sobri, J Jasni, FM Yasin, SH Jamal, N Janudin, NAM Kasim 2016 <i>MATEC Web of Conferences 39. SCOPUS</i>	International
11.	Crystal structure of (E)-N, N-diethyl-2-(5-nitrothiazol-2-yl)-1-phenylethen-1-amine, C ₁₅ H ₁₇ N ₃ O ₂ S NF Pairan NAM Kasim , BM Yamin, NAA Shah <i>Zeitschrift für Kristallographie-New Crystal Structures</i> 2017	International
12	Comparison and Characterization of Acid Functionalization of Multi Walled Carbon Nanotubes Using Various Methods. N Janudin, LC Abdullah, N Abdullah, F Md Yasin, NM Saidi, NAM Kasim <i>Solid State Phenomena</i> 264, 83-86; 2017	International
13	The Influences of Chemical and Mechanical Treatment on the Morphology of Carbon Nanofibers. N Mohamad Saidi, M Kasim, N Azilah , MJ Osman, N Janudin, <i>Solid State Phenomena</i> 264, 107-111, 2017	International
14.	Synthesis and Optical Properties of Dipolar Thiazole Derivatives Incorporating Nitro and Amino Substituents ASN Aisyah, NF Pairan, NAM Kasim , BM Yamin <i>Key Engineering Materials</i> 773, 157-161	International
15.	Characterization of Amide and Ester Functionalized Multiwalled Carbon Nanotubes N JANUDIN, LC ABDULLAH, N ABDULLAH, FM YASIN, NM SAIDI, NAM KASIM . <i>Asian Journal of Chemistry</i> 30 (7), 1613-1616	International
16.	Effect of Functionalized Carbon Nanotubes in the Detection of Benzene at Room Temperature Nurjahirah Janudin, Norli Abdullah, Wan Yunus, Wan Md Zin, Faizah Md Yasin, Mohd Hanif Yaacob, Norshafiqah Mohamad Saidi, Noor Azilah Mohd Kasim . 2018. <i>Journal of Nanotechnology</i> . Hindawi	International
17	Solid metal oxide catalysts: synthesis and characterisation MI Ariffin, N Abdullah, NA Kasim , SH Jamal, NAA Shah 2018 <i>ZULFAQAR International Journal of Defence Science, Engineering & Technology</i> , 2018;1(1):28-37	
18	A review on analysis methods for nerve agent hydrolysis products Intan Soraya Che Sulaiman, Buong Woei Chieng, Fellyzra Elvya Pojol, Keat Khim Ong, Jahwarhar Izuan Abdul Rashid, Wan Md Zin	

	Wan Yunus, Noor Azilah Mohd Kasim , Norhana Abdul Halim, Siti Aminah Mohd Noor, Victor Feizal Knight. 2019. Forensic Toxicology Pg:1-17. Springer Singapore	
19	Low Cost and Room Temperature Methane Detection using Multi Walled-Carbon Nanotubes Functionalized with Octadecanol Nurjahirah Janudin, Norli Abdullah, Faizah Md Yasin, Mohd Hanif Yaacob, b, Muhammad Zamharir Ahmad, Luqman Chuah Abdullah, Raja Nor Izawati Raja Othman, Noor Aisyah Ahmad Syah, Shafreeza Sobri, Noor Azilah Mohd Kasim ZULFAQAR International Journal of Defence Science, Engineering & Technology, 2018;1(2):65-75	
20	Carbon Nanotubes-based Gas Sensor in Detection of Methane Gas at Room Temperature Nurjahirah Janudin, Norli Abdullah, Faizah Md Yasin, Mohd Hanif Yaacob, b, Muhammad Zamharir Ahmad, Luqman Chuah Abdullah, Raja Nor Izawati Raja Othman, Noor Aisyah Ahmad Syah, Shafreeza Sobri, Noor Azilah Mohd Kasim ZULFAQAR International Journal of Defence Science, Engineering & Technology, 2018;1(2):76-84	
21	A review of current advances in the detection of organophosphorus chemical warfare agents based biosensor approaches Farah Nabila Diauddin, Jahwarhar Izuan Abdul Rashid, Victor Feizal Knight, Wan Md Zin Wan Yunus, Keat Khim Ong, Noor Azilah Mohd Kasim , Norhana Abdul Halim, Siti Aminah Mohd Noor 2019. Sensing and Bio-Sensing Research. Pg 100305 Elsevier	
22	A review on colorimetric methods for determination of organophosphate pesticides using gold and silver nanoparticles ISC Sulaiman, BW Chieng, MJ Osman, KK Ong, JIA Rashid, WMZ Wan Yunus, SAM Noor, NAM Kasim, NA Halim, A Mohamad ... Microchimica Acta 187 (2), 1-22, 2020	
23	Recent developments on oximes to improve the blood brain barrier penetration for the treatment of organophosphorus poisoning: a review Mohd Nor Faiz Norrrahim, Mas Amira Idayu Abdul Razak, Noor Aisyah Ahmad Shah, Herdawati Kasim, Wan Yusmawati Wan Yusoff, Norhana Abdul Halim, Siti Aminah Mohd Nor, Siti Hasnawati Jamal, Keat Khim Ong, Wan Md Zin Wan Yunus, Victor Feizal Knight, Noor Azilah Mohd Kasim 2020, RSC Advances Vol:10, 8, Pg 4465-4489 Publisher: Royal Society of Chemistry	

2.2.2 Book/Chapter in Book:

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	Carbon nanofibers functionalized with amide group for ammonia gas detection Nurjahirah Janudin, Norli Abdullah, Wan Md Zin Wan Yunus, Faizah Md Yasin, Mohd Hanif Yaacob, Norherdawati Kasim, Noor Aisyah Ahmad Shah, Siti Hasnawati Jamal, Norshafiqah Mohamad Saidi, Noor Azilah Mohd Kasim 2019.AIP Conference Proceedings. Vol: 2068 Issue:1. Pages 020061. AIP Publishing LLC	International
2	Functionalized Carbon Nanofibers (CNFs) for Ammonia Gas Detection at Room Temperature Noor Azilah Mohd Kasim , Norli Abdullah, Faizah Md Yasin, Mohd Hanif Yaacob, Siti Hasnawati Jamal, Noor Aisyah Ahmad Syah, Norherdawati Kasim, Famiza Abdul Latif, Norshafiqah Mohamad Saidi, Nurjahirah Janudin 2019 Materials Today: Proceedings Vol.19, Pg:1459-1466 Elsevier	International
3	Kasim, N.A & Yamin, B.M 2002. Tindak Balas Sb(III) dan Sb(V) dengan Bis(difenil fosfino)ferosena. <i>Prosiding Seminar Kimia Bersama UKM-ITB ke 5. UKM.</i> 365-367	international
4	Kasim, N.A. & Yamin, B.M. 2009. Synthesis and Characterization of 5-Acetyl-4-Methyl-2-(chlorophenyl-amino)-1,3-thiazole isomers. <i>Proceeding ICORAFSS 2009, Vol.1.</i> 282-285	International
5	Ong Khim Keat, Hussain Long, Noor Azilah Mohd Kasim , Noor Aisyah Ahmad Syah, Siti Hasnawati and Norherdawati Kasim. Mini Review – Detection of Nerve Agents . 2009. <i>Proceeding of Asia</i>	International

	<i>Pacific Conference On Defence & Security Technology (SCOPUS)</i>	
6	Shafreeza Sobri, Jasronita Jasni, Noor Azilah Mohd Kasim , Siti Hasnawati Jamal Nurjahirah Janudin (2012), A comparison of Purified and Synthesised Carbon Nanotubes for Gas Sensor using Chemical Vapor Deposition Method, <i>Nanomaterials Technology Specialized Conference 2012, UTM (SCOPUS)</i>	International
7	NWZ Jamil, MZA Yahya, J.Jumal, NAM Kasim , Liquid polymeric membrane composition of ion selective electrode based on thiazole-4-carboxamide as ionophore. AIP Conference Proceeding 2019	International

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1	Simposium Kimia, Fakulti Sains dan Teknologi. UKM.	Tindak balas difenilfosfinoferose na dengan antimoni pentaklorida dalam asetonitril.	Oral Presenter	Sesi 2000/2001	UKM
2	Seminar Kimia Analisis Malaysia (SKAM IV) Port Dickson	Title: Pengkompleksan terbitan fosforus dengan antimoni pentaklorida dan stanum tetrahalida	Poster Presenter	17 May 2002	UPM
3	Seminar Kimia Bersama UKM-ITB ke 5 , Melaka	Tindak balas Sb(III) dan Sb(V) dengan difenilfosfinoferose na.	Oral Presenter	16-17 July 2002	UKM
4	Kolokium Siswazah Ke 2, Fakulti Sains dan Teknologi, UKM	Struktur Kompleks Antimoni Pentaklorida dengan 1,1'-bisdifenilfosfinoferose na	Oral Presenter	31 Oct-1 Nov2002	UKM
5	Seminar bersama ITB-UKM, Denpasar, Bali, Indonesia	Tindak Balas Sinamoil Isotiosianat dengan anilina dan morfolietilamina.	Poster Presenter	17-18 Mei 2005	ITB-UKM

6	International Conference on Mathematics and Natural Sciences	Complexation of Diphenylphosphino ferrocene(DPPF) With Neat and Stable Solution,	Oral Presenter	29-30 Nov 2006	Institut Teknologi Bandung, Indonesia
7	Annual Fundamental Science Seminar 2006, UTM Skudai	Synthesis, characterization and biological activities of thiazole isomers derivatives	Oral Presenter	6-7 June 2006	UTM Skudai
8	Kolokium Siswazah ke 5, Fakulti Sains dan Teknologi,	Sintesis Sebatian Terbitan 5-Asetil-4-Metil-(1,3-Tiazol)	Oral Presenter	8 July 2006	UKM
9	2nd International Conference & Workshop on Basic and Applied Science & Regional Annual Fundamental Science, The Zon Hotel, UTM	Synthesis and Characterization of 5-Acetyl-4-Methyl-2-(Chlorophenylamino)-1,3-thiazole isomer	Oral Presenter	2009	UTM
10	Asia Pacific Conference On Defence & Security Technology (DSTC 2009) .., Hotel Istana	Mini Review: Detection of Nerve Agents	Oral Presenter	2009	UPM
11	16 th Malaysian Chemical Congress (16MCC) 2010. PWTC	Synthesis and characterization of 5-acetyl-4-methyl-2-(methylanilino)-1,3-thiazole isomers	Oral Presenter	12-14 Oct 2010	INSTITUT KIMIA MALAYSIA
12	Kolokium 1 Penyelidikan dan Inovasi. Selesa Beach Resort	Synthesis of Carbon Nanotubes For Detection of Volatile Compound	Oral Presenter	21-23 Oktober 2011	UPNM
13	Kolokium 1 Penyelidikan dan Inovasi. Selesa Beach Resort	Title: Synthesis and Mechanistic Studies Of the Reaction Of Thiocyanantoacetyl	Oral Presenter	21-23 Oktober 2011	UPNM

		acetone With Amino Acid			
14	2012 2 nd International Conference On Key Engineering Material (ICKEM 2012). Hotel Excelsior Penisular, Singapore	Optimization of Synthesis of Carbon Nanotubes using Chemical Vapor Deposition Method	Oral Presenter	Feb 26-28 2012	
15	Kolokium Sains dan Teknologi Pertahanan 2014,	One-Pot Synthesis of New 5-Acetyl-4-Methyl-2-(3-Methyl-anilino)-1,3-Thiazole	Oral Presenter	2014	FSTP , UPNM
16	International Conference Chemical Science Engineering 2018 Ramada Plaza, Melaka	Functionalized Carbon Nanofibers (CNFs) for Ammonia Gas Detection at Room Temperature	Oral Presenter	6-8 November 2018,	UNIKL
17.	The 7th International Conference on Solid State Science and Technology (7th ICSSST 2019)	Multi-walled Carbon Nanotubes Functionalized with Amide for Acetone Detection in Room Temperature	Invited Speaker	11-13 Nov 2019	MASS UPNM

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	Anugerah Perkhidmatan Cemerlang	2011	Pusat	Pusat Asasi Pertahanan
2	Anugerah Perkhidmatan Cemerlang	2012	University	Universiti Pertahanan Nasional Malaysia
3	Penilai Kolokium Siswazah Bagi Kluster Sains dan Teknologi	2013	University	Pusat Pengajian Siswazah, UPNM
4	M.Sc External Examiner	2013	University	UITM Shah Alam
5	Anugerah Gangsa (Fundamental Research)	2014	University	Kolokium & Pameran, Penyelidikan dan Inovasi UPNM 2014
6	Penilai Geran FRGS Fasa Kedua	2014	Fakulti	Fakulti Sains dan Teknologi Pertahanan
7.	Penilai Geran FRGS	2016	Pusat	PAP
8	Anugerah Gangsa (Fundamental Research)	2017	University	Kolokium & Pameran, Penyelidikan dan Inovasi UPNM 2017
9.	Penilai Geran Dalaman FRGS	2018	Pusat	PAP
10.	Penilai Geran Dalaman FRGS	2019	Pusat	PAP
11.	Auditor Dalaman MyRA	2018	universiti	UPNM
12.	Auditor Dalaman MyRA	2019	universiti	UPNM
13.	Anugerah Emas (DSS 2019)	2019	universiti	UPNM
14.	Anugerah Perak (DSS 2019)	2019	universiti	UPNM
15.	Anugerah Perak (DSS 2019)	2019	universiti	UPNM
16.	Anugerah Insentif dan Inovasi 2018	2019	universiti	UPNM
17.	PhD Internal Examiner (Soleha Muhamat)	2019	universiti	UPNM
18.	Chairperson Msc Viva (Nursaadah)	2019	universiti	UPNM
19	PhD Internal Examiner (Zakiah Jamingan)	2020	universiti	UPNM

20.	Chairperson MSc Viva (Rusila Athirah)	2020	universiti	UPNM
21.	MSc Internal Examiner (Nur Athirah Zulkifli)	2020	universiti	UPNM
22.	Penilai Dalaman FRGS (Dr. Azuraida Amat)	2020	universiti	UPNM
23.	Penilai Dalaman FRGS (Dr. Siti Hasnawati Jamal)	2020	universiti	UPNM
24.	Penilai TRGS Mygrants (Prof. Dr. Ong Keat Khim)	2020	KPT	

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

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	Chemistry Course Coordinator	Chemistry Unit, Pusat Asasi Pertahanan (PAP)	2007-2008
2	Committee Member	Research and Publication Unit, PAP	2011
3	Committee Member	Bengkel Pengukuran dan Penilaian, PAP	2011
4	Committee Member	Bengkel Pengajaran dan Penilaian	2011
5	Committee Member	Program Penataran Ilmu	2011

6	Committee Member	Program Diploma Kejuruteraan Peluru, UPNM	2011
7	Chemistry Course Coordinator	Chemistry Department, PAP	2010-2012
8	R&D Coordinator	R&D unit, Pusat Asasi Pertahanan	2012
9	Ahli Jawatankuasa Pemantauan Laman Web UPNM	UPNM	2012
10	Head of Defence Science Department	Defence Science Department, Faculty of Defence Science and Technology	2012-2017
11	Ahli/Panel Jawatankuasa Persidangan (FSTP)	FSTP	2012-2017
12.	Felo Penyelidik CHEMDEF	CHEMDEF	2018-2020

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Venue	Level
1	Kementerian Pendidikan Malaysia	Matriculation Paper Examiner	2010		Hotel De Palma	National
2	Kementerian Pendidikan Malaysia	Matriculation Paper Examiner	2011		Hotel Pearl International	National
3	Kementerian Pendidikan Malaysia	Matriculation Paper Examiner	2011		Residence Hotel, UNITEN	National
4	Kementerian Pendidikan Malaysia	Matriculation Paper Evaluator	24 April 2011	28 April 2011	Hotel Crystal Crown	National
5	UPNM/KPT	Committee Member	2017		Program Kesedaran Sains Kimia di SMK Bandar Tasik Selatan	National
6	UPNM	STEM Committee Member	2018		STEM	National
7	UPNM	STEM Committee Member	2019		STEM Explorace DSS2019	National

(d) Service to the community

(Please list in chronological order and state: level of involvement, activity, organiser, venue, date/ year/ duration)

No	Level of involvement	Activity	Organiser	Venue	Date/Year/Duration
1.	National	Matriculation Paper Examiner	Kementerian Pendidikan Malaysia	Hotel De Palma	2010
2.	National	Matriculation Paper Examiner	Kementerian Pendidikan Malaysia	Hotel Pearl International	2011
3.	National	Matriculation Paper Examiner	Kementerian Pendidikan Malaysia	Residence Hotel, UNITEN	2011
4.	National	Matriculation Paper Evaluator	Kementerian Pendidikan Malaysia	Hotel Crystal Crown	24-28 April 2011
5.	National	Committee Member	UPNM/KPT	Program Kesedaran Sains Kimia di SMK Bandar Tasik Selatan	2017
6.	National	Committee Member	UPNM	STEM	2018
7.	National	Committee Member	UPNM	STEM Explorace DSS2019	2019

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 : Assoc. Prof. Dr. Noor Azilah Mohd Kasim

**Faculty/Department : Chemistry and Biology Department
Pusat Asasi Pertahanan**

Date : March 2020

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

Dean
Signature and Stamp :

Date :