



CURRICULUM VITAE



I. PERSONAL PARTICULARS			
Name	NUR ADILAH LIYANA BINTI HJ ALADDIN		
Current Position Faculty / Department	PENSYARAH (DS45) PUSAT ASASI PERTAHANAN UPNM		
II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS			
(Please list all academic qualifications, from your first degree, in chronological order)			
Year	Degree	Discipline	University
2023	DOCTOR OF PHILOSOPY	MATHEMATICS	UNIVERSITI PUTRA MALAYSIA (UPM)
2012	MASTER OF SCIENCE	ENGINEERING MATHEMATICS	UNIVERSITI TEKNOLOGI MALAYSIA (UTM)
2010	BACHELOR (HONOUR) OF SCIENCE	INDUSTRIAL MATHEMATICS	UNIVERSITI TEKNOLOGI MALAYSIA (UTM)
III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)			
No.	TITLES OF POSTGRADUATE THESES		
1	NUMERICAL SIMULATION ON 3D FLUID STRUCTURE INTERACTION (FSI) IN STENOTIC ARTERY (MSc)		
2	MAGNETOHYDRODYNAMICS BOUNDARY LAYER FLOW AND HEAT TRANSFER OF HYBRID NANOFLUID OVER SEVERAL SURFACES (PhD)		

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

Year	Position	Organisation	Start and End Date
2011-2012	RESEARCH ASSISTANT	GEOLOGY	UTM
2012 - Present	LECTURER	PUSAT ASASI PERTAHANAN	15 JUN 2012 - Present

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	BASIC MATHEMATICS FOR DIPLOMA PENGURUSAN LOGISTIK (DPKP)	1	2014/2015

1.4 Pre-Degree Courses

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

No	Course Title	Semester	Year
1	MATHEMATICS 1	1	2012/2013

2	MATHEMATICS III	2	2012/2013
3	MATHEMATICS 1	1	2013/2014
4.	BASIC MATHEMATICS	1	2013/2014
5.	MATHEMATICS III	2	2013/2014
6	MATHEMATICS 1	1	2014/2015
7.	MATHEMATICS III	2	2014/2015
8.	MATHEMATICS 1	1	2015/2016
9.	MATHEMATICS III	2	2015/2016
10.	ASAS MATEMATIK	1	2016/2017
11.	MATHEMATICS II	2	2016/2017
12.	MATHEMATICS 1	1	2017/2018
13.	MATHEMATICS III	2	2018/2019
14.	MATHEMATICS III	1	2022/2023
15.	MATHEMATICS I	1	2023/2024
16.	BUSINESS MATHEMATICS	2	2023/2024

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

1.6 PhD External/Internal Examination

(Please list in chronological order)

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

1.7 MSc (by Research)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status • Completed • Submitted • In Progress	University

1.8 MSc External/Internal Examination

(Please list in chronological order)

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

1.9 Supervision (Postgraduate Research Project or Final Year Research Project)

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main/Co-Supervision)	Status • Completed • Submitted • In Progress
1.	PKDT NURUL NABILA ABD HALIM	THE RELATIONSHIP OF TRAINING EFFECTIVENESS AND JOB PERFORMANCE AMONG NEWLY APPOINTED CUSTOMS OFFICERS	2014	Co-Supervision	Completed
2.	PKDT MUHAMMAD FIRDAUS B MOHD ZAMRI	HUBUNGKAIT PENGARUH MEDIA INTERNET DAN GAJET TERHADAP SAHSIAH DIRI PELAJAR	2014	Co-Supervision	Completed
3.	MIA MANEESHA AMIR MAHMUD (2210957)	EFFECTS OF PILATES BASED EXERCISE ON BALANCE, COORDINATION AND FLEXIBILITY IN YOUNG UNTRAINED FEMALES	2023	Co-Supervision	Completed (2024)
4.	NUR KHAIRINA SAMUDIN (2210752)	MEMUPOK KESEJAHTERAAN PENGURUSAN KEWANGAN DALAM KALANGAN PEKERJA DI BATU PAHAT MELIPUTI KEUPAYAAN KEWANGAN, KETEGANGAN	2023	Co-Supervision	Completed (2024)

		DAN LITERASI KEWANGAN			
5.	AZLYN IZZATI YOSMAN (2210739)	FOOD SAFETY KNOWLEDGE, CLIMATE AND BEHAVIOR TOWARDS FOOD SAFETY CULTURE AT BERYL'S CHOCOLATE & CONFECTIONERY SDN. BHD.	2023	Co-Supervision	Completed (2024)

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 Rresearchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1.	Analisis Kuantitatif Dan Faktor-faktor penyumbang Terhadap Prestasi Akademik Pelajar Asasi di UPNM, RAGS/2013/UPNM/SG/04/2	PRINCIPAL	2012-2015	RM50,000	COMPLETED
2.	Modelling of Accurater Shooting Posture through Gordon's Method RAGS/2013/UPNM/SG/04/4	MEMBER	2012-2015	RM50,000	COMPLETED
3.	A New Algorithm for Solving Higher Order Stiff BVP by Multistep Block Method RAGS/2013/UPNM/SG/04/3	MEMBER	2012-2015	RM50,000	COMPLETED
4.	Modelling of Boundary Layer Flow and Heat transfer over Various Surfaces in Cu-Al ₂ O ₃ /water Hybrid Nanofluid (CRG/UPNM/2019/ST/04)	MEMBER	2019-2022	RM28,000	COMPLETED
5.	Impact on Online Video Games towards Academic Performance and Social Behaviour of Foundation Students in Universiti Pertahanan Nasional	PRINCIPAL	2019-2021	-	COMPLETED

No	Title	List of Rresearchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
	Malaysia				
6.	Mathematical Modelling of Hybrid Nanofluid Flow and Heat Transfer in Parabolic Trough Surface Collector Solar Water Pump	PRINCIPAL	2024 - 2025	RM20,000	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	Nur Syazana Anuar, Nurul Liyana Abdul Ghani, Nur Adilah Liyana Aladdin , & Ion Pop, (2023). On the Duality of Unsteady MHD Al ₂ O ₃ -Cu/Water Hybrid Nanofluid Flow over a Stretching/Shrinking Curved Surface with Newtonian Heating. <i>Journal of Advanced Research in Numerical Heat Transfer</i> , 14(1), 91-103.	SCOPUS
1	Nur Adilah Liyana Aladdin , Norfifah Bachok, Haliza Rosali, Nadiyah Wahi, Nor Aliza Abd Rahmin, Norihan Md Arifin. 2022. Numerical Computation of Hybrid Carbon Nanotubes Flow over a Stretching/Shrinking Vertical Cylinder in Presence of Thermal Radiation and Hydromagnetic. <i>Mathematics</i> , 10(19), 3551.	ISI
2	Nur Adilah Liyana Aladdin & Norfifah Bachok. 2022. Effects of hydromagnetic and chemical reaction over a stagnation point flow of horizontal stretching/shrinking cylinder in Ag-CuO/water hybrid nanofluid. <i>International Journal of Numerical Methods for Heat and Fluid Flow</i> . (Emerald Group, ISSN 0961-5539, Impact Factor 2019: 2.871, Q1) – Accepted 15/03/21	ISI
3	Nur Adilah Liyana Aladdin & Norfifah Bachok. 2021. Duality Solutions in Hydromagnetic Flow of SWCNT-MWCNT/Water Hybrid Nanofluid over Vertical Moving Slender Needle. <i>Mathematics</i> , 9(22), 2927.	ISI
4	Nur Adilah Liyana Aladdin , Norfifah Bachok & Ioan Pop. 2021. Boundary layer flow and heat transfer of Cu-Al ₂ O ₃ / Water over a	ISI

	Moving Horizontal Slender Needle in Presence of Hydromagnetic and Slip Effects. <i>International Communications in Heat and Mass Transfer</i> 123(April): 105213, 11 pages. (Elsevier, ISSN 0735-1933, Impact Factor 2019: 3.971, Q1)	
5	Nur Adilah Liyana Aladdin , Norfifah Bachok & Nur Syazana Anuar. 2020. MHD Stagnation Point Flow in Nanofluid Over Shrinking Surface Using Buongiorno's Model: A Stability Analysis. <i>Journal of Advanced Research in Fluid Mechanics and Thermal Sciences</i> 76(3): 12-24. (Akademia Baru., ISSN 2289-7879, SCOPUS)	SCOPUS
6	Nur Adilah Liyana Aladdin & Norfifah Bachok. 2020. Boundary layer flow and heat transfer of Al ₂ O ₃ -TiO ₂ /water hybrid nanofluid over a permeable moving plate. <i>Symmetry</i> 12(7)1064 14 pages. (MDPI AG, ISSN 2073-8994, Impact Factor 2018: 2.143, Q2).	ISI
7	Nur Adilah Liyana Aladdin , Norfifah Bachok & Ioan Pop. 2020. Cu-Al ₂ O ₃ /water hybrid nanofluid flow over a permeable moving surface in presence of hydromagnetic and suction effects. <i>Alexandria Engineering Journal</i> 59(2): 657-666. (Elsevier, ISSN 1110-0168, Impact Factor 2018: 3.696, Q1)	ISI
8	N. A. A. Fataf , N. A. L. Aladdin , and A. S. Normurniyati. 2018. Dynamical Properties and Synchronization Between Two Chaotic Blood Flow Models. ICAFD 2018.	SCOPUS

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/journal/conference, volume and number of pages (Please bold your name)	Level • International • National • University
1.	Nur Adilah Liyana Aladdin , Noor Syazwana Abd Aziz, A'qilah Ahmad Dahalan (2016), Mathematics III for Engineering Student Third Edition, 170 pages	University
2.	Nur Adilah Liyana Aladdin , Noor Syazwana Abd Aziz, A'qilah Ahmad Dahalan (2019), Mathematics III for Engineering Student Third Edition, 185 pages	University
3.	Nur Adilah Liyana Aladdin , Mazlinda Ibrahim, Hoo Yan Seong, Nor Ain Azeany Mohd Nasir, Nur Amalina Jamaludin, Noor Syazwana Abd Aziz, Nur Aisyah Abdul Fataf, Ruzanna Jusoh, Mohd Anuar Jamaluddin, Azuraini Md Ariff & Mohd Syazwan Mohd Anuar (2023) Modul Mathematic I FMA 0116, Second Edition, 237 pages.	University
4.	Nur Adilah Liyana Aladdin , Nor Ain Azeany Mohd Nasir, Norzaura Abd Rahman, Nur Amalina Jamaludin, Noor Syazwana Abd Aziz, Mazlinda Ibrahim, Hoo Yan Seong, (2023) Modul Mathematic III FMA 0134, Second Edition, 134 pages.	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	Nur Adilah Liyana Aladdin , Norfifah Bachok, Nor Ain Azeany Mohd Nasir. 2019. Effect of Thermal Radiation on MHD Stagnation Point Flow over a Shrinking Sheet. In <i>Journal of Physics: Conference Series</i> (Vol. 1366, No. 1, p. 012050). IOP Publishing.	International

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1.	2nd International Conference on Applied & Industrial Mathematics and Statistics (ICoAIMS 2019)	Effect of Thermal Radiation on MHD Stagnation Point Flow over a Shrinking Sheet	Presenter	23 – 25 July 2019	UMP
2.	Simposium Kebangsaan Sains Matematik (SKSM30)	MHD Stagnation Point Flow in Nanofluid Over Shrinking Surface Using Buongiorno's Model: A Stability Analysis	Presenter	26-27 Nov 2019	PERSAMA
3.	International Conference on Recent Advances in Applied Mathematics 2020 (ICRAAM 2020)	Effect of Suction In Hybrid Nanofluid Over a Moving Plate	Presenter	4-6 Feb 2020	INSPEM UPM
4.	International Conference on Science, Engineering and Technology Application 2024 (ICOSETA 2024)	Effects of Joule Heating and Slip on Magnetohydrodynamics (MHD) Hybrid Carbon Nanotubes Flow through a Permeable Moving Plate	Presenter	27 – 28 APRIL 2024	UNIMAP & MN SMART SOLUTION
5.	International Conference on Advanced	Numerical Computation of Magnetohydrodynam	Presenter	26 – 27 JUNE 2024	UPNM

	Material and Applied Science 2024 (IConMAS 2024)	ics (MHD) SWCNT-MWCNT/Water Flow over a Stagnation Point of Cylinder with Suction and Joule Heating			
--	--	---	--	--	--

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 Penerima Hasil Insentif Penyelidikan HIMA	2021	University	UPNM

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
1	Lecturer For Program Diploma Logistik Perniagaan TLDM (Semester 1)	2014/2015	NIEEd, UPNM		1 Semester

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.	Ahli Jawatankuasa Kualiti Akademik PAP	2023 – 2025
2.	Ahli Jawatankuasa MQA Program Pascasiswazah PAP	2024
3.	Pengendali Simulasi Pengajaran dan Pembelajaran bagi Program Japan – East Asia Network of Exchange Students and Youths (JENESYS)	2024

1	Ahli Jawatankuasa Majlis Perasmian Bangunan Jauhari, UPNM	2023
2	Ahli Jawatankuasa Hadiah, Sijil & Cenderahati IConMAs 2024	2023 – 2024
3	Ahli Jawatankuasa STEM Pusat Asasi Pertahanan	2018-2019 2023
4	Ahli Jawatankuasa editor BULETIN@RIA	2023
5	Ahli Jawatankuasa PAP Innovation Competition	2023
6	Ahli Jawatankuasa Kualiti Akademik Pusat Asasi Pertahanan	2023
7	Ketua Editor Modul FMA0134 Matematik III Sesi 2023/2024	2023
8.	Ahli Jawatankuasa Pemurniaan Modul FMA0116 Mathematics I	2023
9.	Koordinator Kursus FMA0116 Mathematics I Semester 1 Sesi 2023/2024 FMA0134 Mathematics III Semester 2 Sesi 2018/2019 FMA0116 Mathematics I Semester 1 Sesi 2018/2019 FMA0116 Mathematics I Semester 1 Sesi 2017/2018	2023 2019 2018 2017
10.	Penyelaras Bengkel Semakan Silibus Kursus Matematik III PAP	2023
11.	Ahli Jawatankuasa STEM EXPLORACE sempena Pamera DSS 2019	2019
12.	Academic advisor Asasi Pengurusan Strategi Asasi Pengurusan Strategi Asasi Kejuruteraan dan Teknologi Pertahanan Asasi Perubatan	2023 2013-2016 2019 2017-2018
13.	Ahli Jawatankuasa Pembentukan Program Baru Sarjana Muda Sains (Penyelidikan Operasi)	2015
14.	Ahli Jawatankuasa Pertandingan Olimpiad Sains Dan Matematik (Peringkat Wilayah Persekutuan Kuala Lumpur)	2016-2018
15.	Pegawai Pemeriksa Aset Alih UPNM	2017-2019 2024 – 2026
16.	Penggubal Soalan Olympiad Matematik dan Sains	2016
17.	Ahli Jawatankuasa sempena Majlis Konvokesyen UPNM	2015-2019
18.	Jawatankuasa Pembangunan Program Baharu Diploma NIEDD	2015

19.	Atlit Larian 4x100m Pusat Asasi Pertahanan sempena Hari Sukan FPJB UPNM	2018
-----	---	------

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	Proposal Defence dan Kolokium Siswazah UPNM Sesi 2/2024	Penilai	2024	2024	Universiti
2.	Proposal Defence dan Kolokium Siswazah UPNM Sesi 2/2024	Moderator	2024	2024	Universiti
3.	Propulsion and Power Research	Reviewer	2024	2024	International
4.	International Conference on Advanced Materials and Applied Science	Reviewer	2024	2024	International
5.	AIP Advances	Reviewer	2024	2024	International
6.	Qeios Article (Open Access)	Reviewer	2024	2024	International
7.	Persatuan Penduduk IORA Alam Sari	Setiausaha	2023	2025	Komuniti
8.	Proposal Defence dan Kolokium Siswazah Sesi 2/2023 (2023)	Penilai	2023	2023	Universiti
9.	Moderator Bagi Pembentangan <i>Proposal Defence</i> Dan Kolokium Pascasiswazah Sesi 2/2023(2023)	Moderator	2023	2023	Universiti
10.	International Journal of Modern Physics B	Reviewer	2023	2024	International
11.	Special Issue Uzbekistan-Malaysia International Conference on	Reviewer	2023	2023	International

	Computational Models And Technologies 2022 (CMT2022), Malaysian Journal Of Science (Scopus Indexed Journal)				
12.	YOUTH 2023 (STEM KEBANGSAAN)	Juri	2023	2023	Kebangsaan
13.	<i>Journal of Advances in Mathematics and Computer Science.</i>	Reviewer	2021	2021	International
14.	Scientific Reports Q1	Reviewer	2021	2024	International
15.	International Communications in Heat and Mass Transfer Q1	Reviewer	2021	2021	International
16.	Ahli Jawatankuasa Pertandingan Olimpiad Sains Dan Matematik (Peringkat Wilayah Persekutuan Kuala Lumpur)	AJK	2016	2018	National
17.	Penceramah jemputan Research Environment Among Departments (READ)	Penceramah Jemputan	2023	2023	Universiti
18.	Ahli Jawatankuasa dalam Pameran STEM, Minggu Sains dan Matematik di SMK Bukit Jalil	AJK	2023	2023	National
19.	Ahli Jawatankuasa dalam Pameran STEM, Karnival Pendidikan 2018 di SMK BTS	AJK	2018	2018	National
20.	Ahli Jawatankuasa dalam Pameran STEM di PASUM UM	AJK	2019	2019	National
21.	Pemeriksa Matematik QM035 KPM-Matrikulasi Semester 2 2014/2015	Pemeriksa	2015	2015	National
22.	Pemeriksa Matematik DM025 KPM-Matrikulasi Semester 1 2014/2015	Pemeriksa	2015	2015	National
23.	Juri Pertandingan Olimpiad Sains Dan Matematik (Peringkat Wilayah Persekutuan Kuala Lumpur)	Juri	2018	2018	National
24.	Perajurit Muda Rejimen Askar Wataniah	Parajurit	2016	2017	National