



UPNM

National Defence University of Malaysia
Kewajipan • Maruah • Integriti

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CURRICULUM VITAE



4. PERSONAL PARTICULARS

Name	NUR AMALINA BINTI JAMALUDIN (Dr.)
Current Position Faculty / Department	UNIVERSITY LECTURER (DS 51)
Position Applying for	

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

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

Year	Degree	Discipline	University
2004	Science Matriculation (CGPA: 3.32)	Science Physical	Labuan Matriculation College
2007	Bachelor of Science (CGPA: 3.405)	Mathematics	UPM
2010	Master of Science	Applied Mathematics	UPM
2017	Doctor of Philosophy	Mathematical and Computational Physics	UPM

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

No.	TITLES OF POSTGRADUATE THESES
1	An automatic quadrature scheme for evaluating singular integral with Cauchy kernel by Chebyshev polynomials. (Master)
2	Summability and localization of eigenfunction expansions connected to Schrödinger operator on closed domain. (Phd)

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

Year	Position	Field of Work	Place of Work
2007-2008	Tutor	Handle tutorial class and teaching.	UPM
2009-Jan 2017	Tutor	Teaching foundation and degree students.	UPNM
2017-Present	University Lecturer	Teaching foundation and degree students.	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
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1.2 First Degree Courses

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

No.	Course Title	Semester	Year
1.	Engineering Maths III (UPNM)	1	2015/2016

1.3 Diploma Courses

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

No.	Course Title	Semester	Year
1.	Asas Matematik (FMA 2313)	1	2019/2020

1.4 Pre-Degree Courses

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

No	Course Title	Semester	Year
1	Calculus (UPM)	I	2007/2008
2.	FMA 0143 Basic Mathematics	I	2008/2009
3.	TMT 3173-Introduction to Statistics	II	2008/2009
4.	FMA 0116-Mathematics I	I	2009/2010
5	FMA 0223 Mathematics II	II	2009/2010
6.	FMA 0143 Basic Mathematics	I	2010/2011
7.	Engineering in Complex Variables (UPM)	II	2012/2013
8.	FMA 0134 Mathematics III	II	2016/2017
9.	FMA 0116 Mathematics I	I	2017/2018
10.	FMA 0126 Mathematics II	II	2017/2018
11.	FMA 0164 Statistic Science Social	I	2018/2019
12.	FMA 0126 Mathematics II	II	2018/2019

13.	FMA 0146 Basic Mathematics	I	2019/2020
14.	FMA 0126 Mathematics II	II	2020/2021
15.	FMA 0116 Mathematics I	I	2021/2022
16.	FMA 0126 Mathematics II	II	2021/2022
17.	FMA 0116 Mathematics I	I	2022/2023
18.	FMA0134 Mathematics III	II	2022/2023
19.	FMA0116 Mathematics I	I	2023/2024
20.	FMA0134 Mathematics III	II	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	University

					• In Progress	
1.	Nor Najihah Binti Zainal Abidin	Service Interactions Coordination Using a Declarative Approach from Semantics of Business Vocabulary and Rules (SBVR) Models.	6 Julai 2020	Co-Supervisor	Submitted Thesis	UPNM

1.8 MSc External/Internal Examination

(Please list in chronological order)

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

1.9 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
1.	Alya Batrisya Binti Azhar	Estimating Macroscopic Fundamental	2 August 2022	Co-Sv	<ul style="list-style-type: none"> • Completed • Submitted • In Progress Completed

		Diagram Using Reduced Data			
2.	Nurshafila Binti Omar	The Effect of 8 weeks Online Supervised Exercise Training on Body Composition in Untrained Females.	October 2023	Co-Sv	Completed
3.	Nurul Emilia Binti Abdul Razi	Effect of 8 weeks Online Supervised Exercise Training on Selected Health Related Fitness among Untrained Females.	October 2023	Co-Sv	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 • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1.	Self-Fund Grant UPNM	Nur Amalina Binti Jamaludin (PI)	2018-2019	-	Completed
2.	FRGS 2018-1	Nurul Huda A. Manaf (PI), Daud Mohamad, Muslihah Wook, Fatimah Dato Ahmad, Nur Amalina Jamaludin,	Jan 2019- Dec 2021	RM55,000	In Progress
3.	Short Term Grant GPJP	Nur Amalina Jamaludin (PI), Prof Madya Anvarjon Ahmedov, Dr Ain Azeany, Dr Alexander	1 Julai 2020-30 Jun 2022	RM20,000	Completed
4.	Self-Fund Grant UPNM	Nabilah Fikriah Rahin (PI), Fatin Amirah	2024 Submitted		

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
		Ahmad Shukri, Azuraini Mohd Aris, Nor Ain Azeany Mohd Nasir, Nur Amalina Jamaludin			

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.	Z. Eshkuvatov, A. A. Ahmedov, N.M.A. Nik Long and N. A. Jamaludin 2011. Approximating Cauchy-type singular integral by an automatic quadrature scheme. Journal of Computational and Applied Mathematics 235(16): 4675-4686. June 2011. AMC 2009. (Published).	International (Presentation) Scopus
2.	A. A. Ahmedov, N. A. Jamaludin and A. Rakhimov. 2013. Uniformly Convergence of the Spectral Expansions of the Schrödinger Operator on a closed domain. Journal of Physics: Conference Series. 435 012014. DOI: 10.1088/1742-6596/435/1/012014. 3-10 Nov 2012. (Published)	International (Presentation) Scopus
3.	N. A. Jamaludin and A. A. Ahmedov. 2016. An Almost Everywhere Convergence Of Eigenfunction Expansions Of Schrödinger Operator In L_p Classes. Malaysian Journal of Mathematical Sciences 11(S) April : 119–136 (2017) Special Issue: The 2nd International Conference and Workshop on Mathematical Analysis (ICWOMA 2016). (Published) (Main author)	International (Presentation) Scopus
4.	N. A. Jamaludin and A. A. Ahmedov. 2017. The uniform convergence of the eigenfunction expansions of Schrödinger operator for the functions from Nikolskii classes, $H_p^\alpha(\bar{\Omega})$. IOP Conf. Series: Journal of Physics: Conf. Series 890 (2017) 012051 doi:10.1088/1742-6596/890/1/012051 ICOAIMS,2017, Kuantan. (Published) (Main author)	International (Presentation) Scopus

5.	Ahmad Fadly Nurullah Rasedee, Mohammad Hasan Abdul Sathar, Hazizah Mohd Ijam, Khairil Iskandar Othman, Norizarina Ishak, Siti Raihana Hamzah, Nur Amalina Jamaludin . A backward difference formulation for solving Doffing-Van Der Pol type Oscillators. International Journal of Engineering & Technology. 7 (4.19) (2018) 36-39	International Scopus
6.	Numerical Approximation of Riccati Type Differential Equations. Ahmad Fadly Nurullah Rasedee, Mohammad Hasan Abdul Sathar, Norizarina Ishak, Siti Raihana Hamzah, Nur Amalina Jamaludin . ASM Sc. J. 13, 2020 https://doi.org/10.32802/asmscj.2020.sm26(4.8)	International Scopus
7.	Ahmad Fadly Nurullah Rasedee, Nur Amalina Jamaludin , Najib N, Mohammad Hasan Abdul Sathar, Wong TZ, Koo Lee Feng. Variable Order Step Size Method For Solving Orbital Problems With Periodic Solutions. Mathematical Modeling and Computing (MMC). Vol x, No. x, pp: 1-10 (2021).	International (Presentation) Scopus
8.	Nurulhuda A Manaf, Nor Najihah Zainal Abidin, Nur Amalina Jamaludin Correctness of automatically generated choreography specifications. International Joint Conference on Rules and Reasoning. 18-32.(2021)	Scopus
9.	RW Ibrahim, Suzan J Obaiys, Nur Amalina Jamaludin , Yelic Karaca Analytic Solutions of Fractional Differential Equation Associated with the k-Symbol Tremblay Differential Operator. International Conference on Computational Science and Its Applications, 87-104. (2023)	Scopus
10.	Nor Najihah Zainal Abidin, Nurulhuda A Manaf, S Moschoyiannis, Nur Amalina Jamaludin . Deontic Rule of rule-based service choreographies. 2 nd International Conference on Computing and Data Science (CDS), 510-515. (2021)	Scopus
11.	RW Ibrahim, Suzan J Obaiys, Yelic Karaca, Nur Amalina Jamaludin Symmetrically Conformable Fractional Differential Operators by Computational Numerical Modeling with Special Function. Fractals 31 (10), 2340157 (2023)	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, volume and number of pages (Please bold your name)	Level
		<ul style="list-style-type: none"> • International • National

		• University
1.	Buku Panduan PdP Asasi Sesi Akademik Edisi Pelajar 2020/2021	University
2.	Buku Panduan PdP Asasi Sesi Akademik Edisi Pensyarah 2020/2021	University
3.	Modul Asas Matematik 2023 1 st Edition	Pusat
4.	Modul Matematik 1 2023 1 st Edition	Pusat
5.	Modul Matematik 2 2023 1 st Edition	Pusat
6.	Modul Matematik 3 2023 1 st Edition	Pusat

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 • International • National • University
1.	N. A. Jamaludin and A. A. Ahmedov. 2014. Conditions for Uniformly Convergence of Expansions of Continuous Functions from Nikolskii Classes in Eigenfunction Expansions of the Schrödinger operator on closed domain. AIP Conference Proceedings- American Institute of Physics. DOI: 10.1063/1.4893801. 11-13 September 2014. ICAAM, Shymkent, Kazakhstan (Main author) (Published)	International (Presentation)
2.	N. A. Jamaludin and A. A. Ahmedov. 2018. The summability of eigenfunction expansions connected with Schrödinger operator for the functions from Nikolskii classes, $H_2^\alpha(\bar{\Omega})$ on closed domain. AIP Conference Proceedings 1974 , 020005 (2018); doi: 10.1063/1.5041536.	International (Presentation)
3.	Deontic Rule of Rule-Based Service Choreographies Nor Najihah Zainal Abidin, Nurul Huda A. Manaf, Sotiris Moschoyianris Nur Amalina Jamaludin.	International (Prosiding)

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer

1.	SKSM 25	The Summability of Eigenfunction Expansions Connected with Schrödinger Operator for the Functions from Nikolskii $H(\Omega) \alpha 2$ on Closed Domain. Nur Amalina Jamaludin & Anvarjon Ahmedov	Presenter	27-29 Ogos 2017	Uitm Cawangan Pahang
2.	ICWOMA 2016	N. A. Jamaludin and A. A. Ahmedov. 2016. An Almost Everywhere Convergence Of Eigenfunction Expansions Of Schrödinger Operator In L_p Classes. Malaysian Journal of Mathematical Sciences 11(S) April : 119–136 (2017) Special Issue: The 2nd International Conference and Workshop on Mathematical Analysis	Presenter	2-4 Ogos 2016	Inspem, UPM
3.	ICOAIMS 2017	N. A. Jamaludin and A. A. Ahmedov. 2017. The uniform convergence of the eigenfunction expansions of Schrödinger operator for the functions from Nikolskii classes, $H_p^\alpha(\overline{\Omega})$. IOP Conf. Series: Journal of Physics: Conf. Series 890 (2017) 012051 doi:10.1088/1742-6596/890/1/012051	Presenter	8-10 Ogos 2017	University Malaysia Pahang
4.	3 rd VSMS 2021	Ahmad Fadly Nurullah Rasedee, Nur Amalina Jamaludin , Najib N, Mohammad Hasan Abdul Sathar, Wong TZ, Koo Lee Feng. Variable Order Step Size Method For Solving Orbital Problems With Periodic Solutions. Mathematical Modeling and Computing (MMC).	Presenter	7 Julai 2021	UPM & INSPEM

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

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)

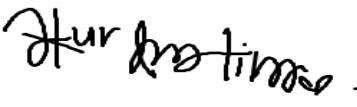
No.	Position/Membership	Duration
1.	AJK STEM ASASI, UPNM	2018-2019
2.	Ahli PERSAMA	Seumur hidup
3.	Bendahari Jabatan Matematik	2023-2024
4.	Bendahari Stem Asasi	May 2024-Jun 2025

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	BAKAT TUDM	Ahli	2013	Present	AJK BIRO SUKAN KTU Kepala Batas, Kedah.

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 : NUR AMALINA BINTI JAMALUDIN

Faculty/Department : DEPARTMENT OF MATHEMATICS, PUSAT ASASI PERTAHANAN.

Date : 5 JUN 2024

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

Dean
Signature and Stamp :

Date :