



CURRICULUM VITAE



I. PERSONAL PARTICULARS

Name	Nabilah Fikriah Rahin
Current Position Faculty / Department	Lecturer DS52/ Pusat Asasi Pertahanan
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	BSc. (Hons)	Mathematics	UKM
2007	MSc. Mathematics	Pure Mathematics	UKM
In progress	PhD Mathematics	Group Theory and Graph Theory	UTM

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

No.	TITLES OF POSTGRADUATE THESES
1	Some Problems in Univalent Functions

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

Year	Position	Organisation	Start and End Date
2004 - 2007	Full-Time Tutor (Mathematics/ Statistics)	<ul style="list-style-type: none"> • Teach Mathematics for matriculation levels, Statistics & Probabilities and Basic Mathematics for certificate and diploma Programme. • Set exam questions • Handle the mentor-mentee programme (Academic Advisor) 	Kolej Pengurusan Teknologi Lanjutan, Shah Alam.
2007- 2008	Full time lecturer (Mathematics/ Statistics)	<ul style="list-style-type: none"> • Teach Mathematics 1 and Mathematics 2 for foundation levels, Statistics & Probabilities and Basic Mathematics for the Diploma Programme. • Set exam questions • Handle the mentor-mentee programme (Academic Advisor) • Marketing committee (give talk and do marketing programme) 	Management and Science University, Shah Alam
2009 - current	Full time lecturer (Mathematics)	<ul style="list-style-type: none"> • Teaching Mathematics and Statistics courses for foundation and degree level. • Setting and vetting exam questions • Handling the mentor-mentee programme (Academic Advisor) • Supervising Bachelor degree students 	National Defence University of Malaysia

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	Engineering Mathematics IV (Statistics, EFA2103)	II	2009
2	Engineering Mathematics I (EFA1103)	I	2009-2010
3	Engineering Mathematics II (EFA1203)	II	2010
4	Engineering Mathematics III (EFA2103)	II	2011-2013
5	Statistics for Maritime Technology	I	2013

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	Year
1	Basic Mathematics for certificate and diploma level (PTPTL)	I, II	2004-2007
2	Mathematics I and Mathematics II for foundation and matriculation level (MSU)	I,II	2004-2008
3	FMA 0223 Calculus II (2009) at National Defence University of Malaysia	II	2009

4	Introduction to Statistics (FMA 0233) at National Defence University of Malaysia	II	2010
5	Statistics for Social Sciences (FMA0164)	I	2014
6	Mathematics II	II	2014
7	Statistics for Social Sciences (FMA0164)	I	2015
8	Matematik Perniagaan (FMA0166)	II	2015
9	Mathematics I (FMA0116)	I	2016
10	Mathematics II (FMA0126)	II	2016
11	Mathematics I (FMA0116)	I	2017
12	Basic Mathematics (FMA0146)	I	2021
13	Mathematics II (FMA0126)	II	2022-2024
14	Mathematics I (FMA0116)	I	2022-2024

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	Mohd Khairul Helmi bin Mohd Zulkifli	Kajian keberkesanan penembakan missile di atas horizon	2009	Co-Supervision	Completed
2	Wan Muhammad Haqimi bin Wan Zin	Kajian terhadap hubungan kecerdasan emosi dan kepuasan kerja di kalangan kakitangan UPNM	2012	Co-Supervision	Completed
3	Nurhana Athirah binti Mohd Nasri	Faktor-faktor Pemilihan Kerjaya Perguruan, Kajian terhadap Pelajar Insitut Pendidikan Guru Kampus Bahasa	2013	Main Supervision	Completed
4	Zanariah binti Mohd Ali	Hubungan di antara komunikasi, komitmen dan kepimpinan berkesan dalam melaksanakan	2013	Main Supervision	Completed

		keberkesanan kerja berpasukan di Telekom Malaysia Berhad, Shah Alam			
6	Unesshwary Manokaran		2023	Co-supervision	Completed
5	Mohamad Shamir bin Mohamad Amran	Knowledge and Attitude Towards Sport Injury Management Among NDUM Students.	2024	Co-supervision	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	A new numerical algorithm for solving higher order stiff boundary value problem by multistep block method	Member	1 sept 2013 – 31 Ogos 2015	RAGS/2013/UPNM/SG / 04/3	Completed
2	Investigating the Impact of Covid-19 Pandemic on School Student's Motivation and Psychological Well-Being using Multivariate Regression Analysis	Member	1 Sept 2022 – 31 Ogos 2024	UPNM/2022/GP JP/SG/5	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
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1	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Non-Normal Subgroup Graph of some Dihedral Groups. ASM Science Journal. 2020; 13: 1-7. https://doi.org/10.32802/asmscj.2020.sm26(1.26)	Scopus
2	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Non-Normal Subgroup Graph for Some Generalised Quaternion Groups. Southeast Asian Bulletin of Mathematics. 2020, Vol. 44 (6): 845-851.	Peer-reviewed
3	Fatin Amirah Ahmad Shukri, Aniza Wamin, Azuraiani Mohd Arif dan Nabilah Fikriah Rahin . A Relationship Between Secondary And Tertiary Mathematics Grades: A Case Study For Foundation Students. Jurnal Personalia Pelajar . 2022. 25(2): 111-118	
4	Shukri, F. A. A., Hamdan, H., Rahin, N. F. , & Aziz, N. S. A. (2024) Investigating the Impact of COVID-19 Pandemic on School Student's Motivation and Psychological Well-Being: A Descriptive Analysis. <i>Creative Education</i> , 15 , 693-710. doi: 10.4236/ce.2024.155042 .	

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	Mohd Faisal Saari, Wan Rozita Wan Din, Nabilah Fikriah Rahin , Normurniyati Abd Shattar, Aniza Wamin, Khairani Abd Majid, Sharifah Aisyah Syed Ali dan Mohd Syazwan Mohamad Anuar. Statistics for Social Sciences 6th edition 2021/2022.	University
2	Jabatan Matematik, MATHEMATICS II FMA0126 module	University
3	Jabatan Matematik, Mathematics I FMA0116 module	University
4	Jabatan Matematik, BASIC MATHEMATICS FMA0146 module	University
5	Jabatan Matematik, STATISTICS FOR SOCIAL SCIENCES FMA0164 module	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	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Incidence Matrix of The Non-Normal Subgroup Graph for some Dihedral Groups. AIP Proceedings 2266, 060009 (2020), https://doi.org/10.1063/5.0018554 (Scopus)	National

2	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Moore-Penrose Inverse Matrix of The Non-Normal Subgroup Graph for Some Dihedral Groups. Proceedings of the 8th International Graduate Conference on Engineering, Science and Humanities (IGCESH2020), ISSN: 2735-055X, 2020: 207-210.	University
3	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Non-Normal Subgroup Graph for Generalized Quaternion Groups. Proceeding of Science and Mathematics. Faculty of Science Universiti Teknologi Malaysia. 2022. Vol. 7: 20-24. Online ISSN: 2756-8857 (Scopus)	University
4	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Application of GAP software in Constructing the Non-Normal Subgroup Graph of Alternating Groups. Journal of Physics: Conference Series. 2022; 2287 : 012001 1-4. https://iopscience.iop.org/article/10.1088/1742-6596/2287/1/012001/metQ4 (Scopus)	International

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1.	26 th National Symposium on Mathematical Sciences (SKSM2018),	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Non-Normal Subgroup Graph of some Dihedral Groups. ASM Science Journal. 2020; 13: 1-7. https://doi.org/10.32802/asmscj.2020.sm26(1.26)	Presenter	28-29 November 2018.	UMS dan PERSAMA
2.	5 th Biennial International Group Theory Conference (5BIGTC)	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Non-Normal Subgroup Graph for Some Generalised Quaternion Groups. Southeast Asian Bulletin of Mathematics. 2020, Vol. 44 (6): 845-851.	Presenter	1- 4 July 2019.	Institut Teknologi Bandung, Indonesia,
3.	Simposium Kebangsaan Sains Matematik Ke 27 (SKSM27), Hotel Tenera, Bangi	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Incidence Matrix of The Non-Normal Subgroup	Presenter	26 – 27 November 2019.	UPM dan PERSAMA

		Graph for some Dihedral Groups. AIP Proceedings 2266, 060009 (2020), https://doi.org/10.1063/5.0018554			
4.	8th International Graduate Conference on Engineering Science & Humanity 2020 (IGCESH 2020),	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Moore-Penrose Inverse Matrix of The Non-Normal Subgroup Graph for Some Dihedral Groups. Proceedings of the 8th International Graduate Conference on Engineering, Science and Humanities (IGCESH2020), ISSN: 2735-055X, 2020: 207-210.	Presenter	18-19 August 2020	UTM
5.	6 th Biennial International Group Theory Conference 2021 (A virtual conference),	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. A Variant of The Non-Normal Subgroup Graph for Dihedral Groups. Abstract Proceedings 6 th Biennial International Group Theory Conference (6BIGTC-2021)	Presenter	4.3.21-6.3.21	Vellore Institute of Technology, Tamil Nadu, India
6.	International Postgraduate Faculty of Science Symposium 2022 (IPGFS2022),	Nabilah Fikriah Rahin , Nor Haniza Sarmin and Sheila Ilangovan. The Non-Normal Subgroup Graph for Generalized Quaternion Groups. Proceeding of Science and Mathematics. Faculty of Science Universiti Teknologi Malaysia. 2022. Vol. 7: 20-24. Online ISSN: 2756-8857	Presenter	24.3.22.	UTM
7.	Defence, Security and Sustainability 2022 (DSS 2022) Exhibition	The Use of GAP Software in the Construction of The Non-Normal Subgroup Graph for Non-Abelian Groups	Lead Inventor (Gold Award)	3-4 August 2022	Universiti Pertahanan Nasional Malaysia (UPNM)

8.	Simposium Kebangsaan Sains Matematik Ke 30 (SKSM30)	The General Form of the Incidence Matrix for the Non-Normal Subgroup Graph of Generalized Quaternion Groups	Presenter	26 -27.9.23	PERSAMA- UNIMAP
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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 (The Use of GAP Software in the Construction of The Non-Normal Subgroup Graph for Non-Abelian Groups)	2022	National	Defence, Security and Sustainability 2022 (DSS 2022) Exhibition
2.	Gold Award (Trigon-hexa Magic Journey)	2024	National	Defence, Security and Sustainability 2024 (DSS 2024) Exhibition
3	Silver Award (A Framework for the Development of Trigon-hexa Magic Journey (ThMJ)	2024	International	Creations de UiTM 2024

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.	Ahli Jawatankuasa Pembentukan Program Baru UPNM (Operational Research)	2009-2010	-	-	1 year
2.	Penyelaras Program Penerbitan Buku Panduan Akademik Pusat Asasi Pertahanan	2011	-	-	6 months
3.	Pemeriksa Skrip Jawapan Matematik Sains QS025/2	2012	Kementerian Pelajaran Malaysia	-	28 April – 3 Mei 2012
4.	Pemeriksa Skrip Jawapan Matematik Sains QS015	2013	Kementerian Pelajaran Malaysia	-	12 November – 17 November 2013

No.	Title	Year	Sponsor	Value	Duration
1.	Ahli Jawatankuasa Pembentukan Program Baru UPNM (Operational Research)	2009-2010	-	-	1 year
2.	Penyelaras Program Penerbitan Buku Panduan Akademik Pusat Asasi Pertahanan	2011	-	-	6 months
5.	Ahli Jawatankuasa Kurikulum Matematik dalam Pembentukan Program Baru Penyelidikan Operasi (OR)	2015	-	-	1 year

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	Committee	Duration
1.	Ahli Jawatankuasa Pembentukan Program Baru UPNM (Operational Research)	Jawatankuasa Pembentukan Program Baru UPNM (Operational Research)	July 2009- June 2010
2.	Penilai Kertas Soalan Peperiksaan Akhir Semester II Sesi 2009/2010 kursus Engineering Mathematics SZH 1893	Fakulti Kejuruteraan	March 2010
3.	Bendahari	Jabatan Matematik, Pusat Asasi Pertahanan	October 2010-2011
4.	Bendahari	Jawatankuasa Program Pemantapan Modul Pengajaran, Pusat Asasi Pertahanan	November-Disember 2010
5.	Ahli Jawatankuasa	Jawatankuasa Bengkel SPSS Pusat Asasi Pertahanan	2011
6.	Ahli Jawatankuasa	Pusat Jaminan Kualiti	2011

7.	Ahli Jawatankuasa Kecil Majlis Perasmian, Pelancaran dan Mesyuarat Agung NADIMASA	NADIMASA	21 June 2011
8.	Setiausaha Kehormat	NADIMASA	11 August 2011-10 August 2013
9.	Penilai Kertas Soalan Peperiksaan Akhir Semester I Sesi 2011/2012 kursus Engineering Mathematics IIIB (Complex Variable and Vector) EFA2103	Fakulti Kejuruteraan	November 2011
10.	Penilai Pembentangan Cadangan Kertas Akademik Sarjana Muda (KASM) bagi Pelajar Tahun 3 Sarjana Muda Pengurusan Sumber Manusia Pertahanan	Fakulti Pengajian dan Pengurusan Pertahanan	Disember 2011
11.	Ahli Jawatankuasa	Jawatankuasa bengkel SPSS, Pusat Asasi Pertahanan	2012
12.	Penilai Kertas Soalan Peperiksaan Akhir Semester II Sesi 2011/2012 kursus Engineering Mathematics IV (Engineering Statistics) EFA2203	Fakulti Kejuruteraan	April 2012
13.	Penilai Kertas Soalan Peperiksaan Akhir Semester I Sesi 2012/2013 kursus Engineering Mathematics I (Calculus III and Linear) EFA1103	Fakulti Kejuruteraan	November 2012
14.	Penilai Kertas Soalan Peperiksaan Akhir Semester I Sesi 2012/2013 kursus Engineering Mathematics III (Complex Variable and Vector) EFA2103	Fakulti Kejuruteraan	November 2012
15.	Penilai Pembentangan Cadangan Kertas Akademik Sarjana Muda (KASM) bagi Pelajar Tahun 3 Sarjana Muda Pengurusan Sumber Manusia Pertahanan	Fakulti Pengajian dan Pengurusan Pertahanan	January 2013
16.	Ahli Jawatankuasa Penyiasat Aset Alih UPNM	Jawatankuasa Penyiasat Aset Alih UPNM	June 2014
17.	Pengerusi Jawatankuasa Penyiasat Aset Alih UPNM	Jawatankuasa Penyiasat Aset Alih UPNM	July 2014
18.	Ahli Jawatankuasa	NADIMASA	

			Mac 2014- Mac2016
19.	Penilai Kertas Soalan Peperiksaan Akhir Semester I Sesi 2015/2016 kursus Engineering Mathematics III (Complex Variable and Vector) EFA2103	Fakulti Kejuruteraan	November 2015
20.	Ahli Jawatankuasa Majlis Santapan Tuanku Canselor sempena Istiadat Konvokesyen ke-8 UPNM	Jawatankuasa Majlis Santapan Tuanku Canselor	November 2017
21.	AJK Penyambut tetamu Pertandingan Debat Diraja antara IPT 2021	Jawatankuasa Pertandingan Debat Diraja antara IPT2021	December 2021
22.	Penyelaras Kursus Matematik I dan Matematik II FMA0126	Pusat Asasi Pertahanan	Sessi 2015/2016, 2016/2017, 2021/2022
23.	Ahli Jawatankuasa Penaja dan moderator Pre-University Matriculation Innovation Competition 2022	Jawatankuasa PIITRAM 2022	March 2022
24.	Ahli Jawatankuasa	Jawatankuasa Pembangunan Program Baru Sarjana Muda Sains Keselamatan dalam Industri- FSTP	Mei 2022- June 2024
25.	Ahli Jawatankuasa	Jawatankuasa Jamuan Hari Raya Pusat Asasi Pertahanan UPNM	Mei 2022-2024
26.	Ahli Jawatankuasa STEM, KTP, TTP	Jawatankuasa Peggerak STEM Pusat Asasi Pertahanan UPNM	June 2022-2024
27.	Setiausaha	Jawatankuasa Kelab Kebajikan dan Reakrasi Pusat Asasi Pertahanan (KKRPAP)	July 2022-July 2024
28.	Academic Advisor	Academic Advisory System, NDUM	2016 – 2017 2021-2024
29.	Ketua Jawatankuasa Aktiviti		2022, 2023

		Jawatankuasa aktiviti, PAPIC2022, Pusat Asasi Pertahanan	
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3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	NDUM Academician Society (NADIMASA)	Lifetime Member	2011	present	University
2.	Persatuan Sains Matematik Malaysia (PERSAMA)	Lifetime Member	2008	present	National
3.	KUPENA	Member	2018	present	University
4.	Jawatankuasa Protem Persatuan Penduduk Taman Saujana sekata	Ahli Jawatankuasa	2020	2021	National
5.	Jawatankuasa Persatuan Penduduk Taman Saujana Sekata	Penolong Setiausaha	2021	present	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 : Nabilah Fikriah binti Rahin

Faculty/Department : Pusat Asasi Pertahanan

Date : 7 June 2024

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

Dean
Signature and Stamp :

Date :