



CURRICULUM VITAE



I. PERSONAL PARTICULARS	
Name	AZURAINI BINTI MOHD ARIF
Current Position Faculty / Department	LECTURER (DS45) / MATHEMATICS DEPARTMENT, CENTRE FOR DEFENSE FOUNDATION STUDIES, NATIONAL DEFENSE UNIVERSITY OF MALAYSIA, MALAYSIA (NDUM)

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

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

Year	Degree	Discipline	University
2008	Master of Science (MSc)	Statistics	Universiti Kebangsaan Malaysia
2005	Bachelor of Science (BSc)	Systems Engineering	University of Arizona, USA

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

Degree	TITLES OF POSTGRADUATE THESES
M.Sc	Penganggaran Min Populasi Dengan Menggunakan Pensampelan Set Terpangkat Median (<i>Estimating of the population mean using median ranked set sampling</i>)
Ph.D.	Estimation of Parameters and Outlier Detection for replicated linear functional relationship model

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

Year	Position	Organisation	Start and End Date
2008– 2022	Lecturer (DS45)	Mathematics Department, NDUM, Malaysia	09/07/2008 - Present
2015 - 2019	Lecturer (DS45 - Study Leave)	Institute for Advanced Studies, Universiti Malaya	01/02/2015 – 31/01/2019
2007	Part Time Tutor	Universiti Kebangsaan Malaysia	01/07/2007 – 31/12/2007

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)	2	2010/2011
2.	Engineering Mathematics IV (Statistics)	2	2009/2010
3.	Engineering Mathematics II (Differential Equations)	1	2008/2009

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.	Statistics for Social Sciences (FMA0164)	1	2022/2023
2.	Mathematics 2 (FMA0126)	2	2021/2022
2.	Statistics for Social Sciences (FMA0164)	1	2021/2022
3.	Mathematics 2 (FMA0126)	2	2020/2021
4.	Statistics for Social Sciences (FMA0164)	1	2020/2021

5.	Mathematics 2 (FMA0126)	2	2019/2020
6.	Statistics for Social Sciences (FMA0164)	1	2019/2020
7.	Mathematics 2 (FMA0126)	2	2018/2019
8.	Mathematics 2 (FMA0126)	2	2014/2015
9.	Basic Mathematics (FMA0146)	1	2014/2015
10.	Mathematics 2 (FMA0126)	2	2013/2014
11.	Statistics for Social Sciences (FMA0164)	1	2013/2014
12.	Mathematics 2 (FMA0126)	2	2012/2013
13.	Mathematics 1 (FMA0116)	1	2012/2013
14.	Introduction to Statistics (FMA0113)	2	2011/2012
15.	Matematik 1(FMA0114)	1	2011/2012
16.	Matematik 1(FMA0114)	1	2010/2011
17.	Matematik 1 (FMA0114)	1	2009/2010

1.5 PhD Supervision

(Please list in chronological order)

No.	Name of Student	Project Title	Date of Registration	Role (Main / Co-Supervision)	Status <ul style="list-style-type: none"> • 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.	Alia Nur Syuhada Binti Azzarul Hisyam	Application of AHP in Restaurant Selection Based on Student and Lecturer Preference (Final Year Project- FSTP)	2022/2023	Co-Supervision	In Progress
2.	Mohamad Azmir B Mohd Mustapha	Hubungan Antara Penglibatan Dalam Kokurikulum Dengan Pencapaian Akademik Pelajar Awam di UPNM. Kertas Akademik Sarjana Muda Pengurusan Sumber Manusia Pertahanan	2012/2013	Co-Supervision	Completed
3.	Masliza Bt Ngaliman	Hubungan Gaya Kepimpinan Terhadap Komitmen Organisasi Di Angkatan Koperasi Kebangsaan Malaysia Berhad (ANGKASA). Kertas Akademik Sarjana	2012/2013	Co-Supervision	Completed

		Muda Pengurusan Sumber Manusia Pertahanan			
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2.1 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.	Some Statistical Problems on Simultaneous Circular Functional Relationship Model for Unequal Error Variances	Principal: Dr. Mohd Syazwan bin Mohamad Anuar Member: Prof Dr. Abdul Ghapor bin Hussin Prof Dr. Yong Zulina Zubairi (UM) Dr. Sharifah Aishah Syed Ali Pn. Khairani Abdul Majid Pn. Azuraini Mohd Arif	2020	FRGS (RM58200)	Completed
2.	Analisis Kuantitatif Terhadap Prestasi Akademik Pelajar Asasi UPNM (Ketua Penyelidik (RAGS/2013/UPNM/SG/04/02)	Principal: Azuraini Mohd Arif Member: Nur Adilah Liyana Aladdin Ahmad Zaidi Sulaiman Fatin Amirah Ahmad Syukri	2013	Rags (RM 50000)	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 <ul style="list-style-type: none"> • ISI • SCOPUS • Peer-Reviewed
1.	Mohd Arif, A., Zubairi, Y. Z., Hussin, A. G. (2022). Outlier detection in balanced replicated linear functional relationship model. <i>Sains Malaysiana</i> . 51(2): 599-607.	ISI-Cited publication
2.	Mohd Arif, A., Zubairi, Y. Z., Hussin, A. G. (2021). Maximum likelihood estimation of replicated linear functional relationship model. <i>AMCI Journal</i> . 10 (1): 301-308.	Peer-Reviewed
3.	Mohd Arif, A., Zubairi, Y. Z., Hussin, A. G. (2020). Nonparametric estimation for a slope of a replicated linear functional relationship model. <i>ASM Science Journal</i> . 26: 1-5. (SCOPUS-Cited publication).	SCOPUS-Cited publication
4.	Mohd Arif, A., Zubairi, Y. Z., Hussin, A. G. (2020). Parameter estimation in replicated linear functional relationship model in the presence of outliers. <i>Malaysian Journal of Fundamental and Applied Sciences</i> . 16 (2): 158-160. (ESCI /SCOPUS-Cited publication).	SCOPUS-Cited publication
5.	Mohd Arif, A., Zubairi, Y. Z., Hussin, A. G. (2019). On robust estimation for slope in linear functional relationship model. <i>Sains Malaysiana</i> . 48(1): 237-242. (ISI-Cited publication).	ISI-Cited publication

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 Pengajaran dan Pembelajaran Dalam Talian Program Asasi Sesi Akademik 2020/2021: Edisi Pelajar & Edisi Pensyarah	University
2.	Azuraini Mohd Arif , Aniza Wamin, Ruzanna Mat Jusoh, Nur Amalina Jamaludin, Fazilatullaili Ali, dan Nabilah Fikriah, 2011. <i>Modul Introduction to Statistics FMA 0133</i> . Universiti Pertahanan Nasional Malaysia.	University
3.	Azuraini Mohd Arif , Sharifah Aishah, Fatin Amirah, Fazilatulaili, dan Ahmad Zaidi, 2010. <i>Modul Matematik 1 FMA0114</i> . Universiti Pertahanan Nasional Malaysia	University

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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.	Mohd Arif, A. , Zubairi, Y. Z., Hussin, A. G. (2021). COVRATIO statistic for replicated linear functional relationship model. Journal of Physics: Conference Series. 1988 (1)	National
2.		
3.		

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1.	The 3 rd International Conference on Applied and Industrial Mathematics and Statistics 2022 (ICoAIMS 2022)	Slope Estimation in Replicated Linear Functional Relationship Model via Trimmed Means: A simulation study	Presenter	24-26 August 2022	UMP
2.	Defence, Security and Sustainability 2022 (DSS2022) Conference	Outlier Problems in linear functional relationship model	Presenter	3-4 August 2022	UPNM

	The 5 th International Conference on Computing, Mathematics and Statistics 2021 (iCMS 2021)	Maximum Likelihood Estimation of Replicated Linear Functional Relationship Model	Presenter	4-5 August 2021	UiTM Kedah Branch
2.	Simposium Kebangsaan Sains Matematik ke 28 (SKSM28)	COVRATIO statistic for replicated linear functional relationship model.	Presenter	28-29 July 2021	Universiti Malaysia Pahang
3.	The 7 th Malaysia Statistics Conference (MyStats 2020)	An Outlier Detection Method for Balanced Replicated Linear Functional Relationship Model	Presenter	20 October 2020	Department of Statistics Malaysia, Bank Negara Malaysia, Institute of Statistics Malaysia
4	Defence, Security and Sustainability 2019 (DSS2019) Conference	Estimation of parameters in replicated linear functional relationship model	Presenter	25-26 April 2019	UPNM
5.	Simposium Kebangsaan Sains Matematik (SKSM26)	Nonparametric Estimation for Slope of a Replicated Linear Functional Relationship Model	Presenter	28-29 November 2018	Universiti Malaysia Sabah
6.	International Seminar on Mathematics in Industry & International Conference (ISMI-ICTAS)	Parameter Estimation in Replicated Linear Functional Relationship Model in the Presence of Outliers	Presenter	4-6 September 2018	Universiti Teknologi Malaysia
7.	The 4th ISM International Statistical Conference (ISM-IV)	On Estimating Intercept and Slope in Linear Functional Relationship Model	Presenter	1-2 August 2018	Sunway University, Institute of Statistics Malaysia
8.	Seminar Kebangsaan Institut Statistik	Parameter Estimation for Linear Functional Relationship Model.	Presenter	29 March 2018	Universiti Putra Malaysia, Institute of

	Malaysia (SKISM XII)				Statistics Malaysia
9.	The 5 th Malaysia Statistics Conference (MyStats 2017)	Slope Estimation in Linear Functional Relationship Model	Presenter	29 November 2017	Department of Statistics Malaysia, Bank Negara Malaysia, Institute of Statistics 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.	Pingat Perak dalam Defence, Security and Sustainability Exhibition (DSS 2022), UPNM	2022	Universiti	UPNM
2.	Pingat Perak dalam MCO (PKP) Contest	2021	Universiti	UPNM
3.	Pingat Gangsa dalam Defence, Security and Sustainability Exhibition (DSS 2019), UPNM	2019	Universiti	UPNM
4.	Pingat Gangsa dalam Kolokium dan Pameran Penyelidikan & Inovasi 2014, UPNM	2014	Universiti	UPNM
5.	Anugerah Perkhidmatan Cemerlang Tahun 2013 UPNM	2013	Universiti	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

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.	Subject Coordinator Statistics for Social Sciences (FMA0164)	Mathematics department, PAP	Sem 1 2022/2023
2.	Academic Advisor PS6 (24 students)	PAP	Sesi 2022/2023
3.	Subject Coordinator Statistics for Social Sciences (FMA0164)	Mathematics department, PAP	Sem 1 2021/2022
4.	Academic Advisor PS9 and PS10	PAP	Sesi 2021/2022
5.	AJK Sponsorship PIITRAM 2022	PAP	2021
6.	Jury (Special Award Mathematics Department) Pusat Asasi Pertahanan Innovation Competition PAPIC 2021	PAP	2021
7.	Subject Coordinator Statistics for Social Sciences (FMA0164)	Mathematics department, PAP	Sem 1 2020/2021
8.	AJK Assessment Online	PAP	2020-2021
9.	AJK Academic Regulations Book	PAP	2020

10.	AJK Program Talk Series	Mathematics department, PAP	2020
11.	Reviewer: Research Article	International Conference on Solid State Science and Technology (Scientific.net)	2020
12.	AJK (Certificate and Token)	7 th International Conference on Solid State, Science & Technology Organizing Committee (2019)	2019
13.	Academic Advisor PS9 and PS10	PAP	Sesi 2019/2020
14.	Reviewer: Final Question Paper Regression FSTP	University	2019/2020
15.	Head of Department	Mathematics Department, PAP	2014-2015
16.	AJK Quotation Assessment	University	2014
17.	AJK New Programme Development (Asasi Pengajian Islam)	PAP	2014
18.	Subject Coordinator Statistics for Social Sciences (FMA0113)	Mathematics department, PAP	Sem 1 2013/2014
19.	Academic Advisor PS (15 students)	PAP	Sesi 2013/2014
20.	Subject Coordinator Mathematics 1 (FMA0114)	Mathematics department, PAP	Sem 1 2012/2013
21.	Subject Coordinator Mathematics 2 (FMA0124)	Mathematics department, PAP	Sem 2 2012/2013
22.	Academic Advisor KT (15 students)	PAP	Sesi 2012/2013

23.	AJK SPSS Course	PAP	2012
24.	Academic Advisor KT (15 students)	PAP	Sesi 2011/2012
25.	AJK New Programme Development (Diploma Kejuruteraan Peluru dan Letupan)	University	2011
26.	AJK New Programme Development (Operation Research)	PAP	2010
27.	AJK New Programme Development (Asasi Perubatan)	PAP	2010
28.	Academic Advisor PS (15 students)	PAP	Sesi 2010/2011
29.	Subject Coordinator: Engineering Mathematics IV (EFA 2213)	FKJ	Sem 2, 2009/2010, 2010/2011
30.	Academic Advisor PS (15 students)	PAP	Sesi 2009/2010
31.	Subject Coordinator: Engineering Mathematics II (EFA 2203)	FKJ	Sem 2, 2008/2009
32.	Mathematics Paper Examiner KPM	Kementerian Pelajaran Malaysia	2009,2010,2011, 2013

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	Resident Associations Taman Kajang Impian	Member	2010	2020	National

2.	Institut Statistik Malaysia	Lifetime member	2008	-	International
3.	Persatuan Pegawai Akademik UPNM (NADIMASA)	Lifetime member	2012	-	University
4.	Koperasi Universiti Pertahanan Nasional Malaysia Kuala Lumpur Berhad (KUPENA)	Member	2010	-	University
5.	Persatuan Alumni Universiti Kebangsaan Malaysia	Lifetime member	2009	-	National