



CURRICULUM VITAE



I. PERSONAL PARTICULARS			
Name	RUZANNA MAT JUSOH		
Current Position Faculty / Department	LECTURER (DS 45) PUSAT ASASI PERTAHANAN		
Position Applying for	SENIOR LECTURER		
II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS (Please list all academic qualifications, from your first degree, in chronological order)			
Year	Degree	Discipline	University
2019	DOCTOR OF PHILOSOPHY	CIVIL ENGINEERING (TRANSPORT)	UNIVERSITY OF GLASGOW
2008	MASTER OF SCIENCE	MATHEMATICS MANAGEMENT	UKM
2006	BACHELOR (HONOURS) OF SCIENCE	MATHEMATICS	UKM
III. TITLES OF POSTGRADUATE THESES WRITTEN (At MSc/PhD Level)			
No.	TITLES OF POSTGRADUATE THESES		
01	MONITORING AND CONTROL OF TRANSPORT NETWORKS USING PARSIMONIOUS MODELS (PhD)		
02	MODELING MORTALITY OF INSURANCE POLICY HOLDER IN MALAYSIA (MSc)		

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

Year	Position	Organisation	Start and End Date
2009	LECTURER	UPNM	3 FEBRUARY 2009
2008	LECTURER	KPTM	MAY – DECEMBER 2008

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
01	CALCULUS III FOR ENGINEERING	SEM I	2013
02	OPERATIONS RESEARCH AND COMPUTER INFORMATION SYSTEM	SEM II SEM II SEM II	2009 2010 2011

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
01	BASIC MATHEMATICS	SEM I	2014
		SEM I	2011
		SEM I	2010
		SEM I	2009
02	MATHEMATICS II	SEM II	2019
		SEM II	2014
		SEM II	2013
03	MATHEMATICS I	SEM I	2019
		SEM I	2013
04	STATISTICS	SEM I	2012
05	INTRODUCTION TO STATISTICS	SEM II	2010
06	CALCULUS II	SEM II	2009

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 <ul style="list-style-type: none">• Completed• Submitted• In Progress	University
01.	Mej. Norzaini bin Ismail	Future Soldier	2013-2016	Co-Supervision	Completed	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 <ul style="list-style-type: none">• Completed• Submitted• In Progress
01	Muhammad Hairul Amri bin Ibrahim	Permasalahan dalam penggunaan SOP bagi Operasi dan Peperangan bersama di antara 3 Perkhidmatan ATM	2009	Co-Supervision	Completed
02	Ahmad Razmee bin Ab Kadir	Study on Sediment Characteristics in UPNM drain	2011	Co-Supervision	Completed
03	Nurfarah Najwa bt Abdul Razak	Keberkesanan Latihan Terhadap Prestasi Kerja di ILSAS, Bangi	2012	Co-Supervision	Completed

04	Radiah bt Mohd Nor	Kajian Tentang Hubungan diantara Tahap Kemahiran Insaniah dengan Kebolehpasaran Graduan di UPNM	2012	Co- Supervision	Completed
05	Muhammad Mustaqim Balqasim	Hubungan antara daya intelektual, perwatakan dan kepimpinan di kalangan pelajar UPNM	2012	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
01	Measuring the Effectiveness of Military Joint Exercise by Using DEA Analysis	1) Norzaura Binti Abd Rahman (PI) 2) Kol. Prof. Ir. Dr. Norazman b. Mohamad Nor	2013-2015	RM 55,000 UPNM (RAGS)	Completed
02	Modelling Military Ground Fleet Maintenance Cost	1) Fatin Amirah Ahmad Shukri 2) Aishah Ramlan 3) Ruzanna Mat Jusoh 4) Mohd Syazwan Mohd Anuar 5) Prof Dr Mokhtar Abdullah	2013-2015	RM 50,000 KPT (FRGS)	Completed

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
03	Impact on online video games towards academic performance and social behavior of foundation students in UPNM	1)Nur Adilah Liyana binti Hj Aladdin 2)Dr Nur Aisyah bt Abdul Fataf 3)Fatin Amirah Ahmad Shukri 4)Dr Ruzanna Mat Jusoh 5)Dr Fazilatulaili Ali 6)Datin Aniza Wamin	1/3/19-28/2/20	Self Fund (RM 8000)	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
01	Mat Jusoh, R. , Ampountolas, K . Optimal selection of traffic sensors: An information-theoretic framework. In 2019 American Control Conference (ACC), Philadelphia, USA, 10 – 12 July, 2019.	ISI
02	Mat Jusoh, R. , Ampountolas, K.: Multi-gated perimeter flow control of transport networks. In 25 th Mediterranean Conference on Control and Automation, Valletta, Malta, July 3-6, 2017	ISI

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
01	Aniza Wamin, Ahmad Zaidi Sulaiman, Norzaura Abd Rahman, Ruzanna Mat Jusoh, Sharifah Aishah Syed Ali, Nur Amalina Jamaludin dan Mohd Najib. Basic Mathematics FMA 0143. Universiti Pertahanan Nasional Malaysia. 2010. 1 st Edition. (ISBN 978-967-5985-05-8).	University
02	Aniza Wamin, Ahmad Zaidi Sulaiman, Norzaura Abd Rahman, Ruzanna Mat Jusoh, Sharifah Aishah Syed Ali, Nur Amalina Jamaludin dan Mohd Najib. Basic Mathematics FMA 0143. Universiti Pertahanan Nasional Malaysia. 2011. 2 nd Edition.	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
01	Mat Jusoh, R. , Ampountolas, K. Traffic monitoring on sparse-measurement network-wide fundamental diagrams. In 50 th Annual UTSG Conference, UCL, London, Jan 3 – 5, 2018.	International
02	Mat Jusoh, R. , Ampountolas, K., Distributed perimeter flow control of transport networks. In 49 th Annual UTSG Conference, Trinity College Dublin, Dublin, Ireland, Jan 4-6, 2017.	International
03	Farahanie Fauzi, Nazhatul Sahima Mohd Yusoff, Ruzanna Mat Jusoh . Students selection model using AHP model. Simposium Kebangsaan Sains Matematik ke-22. Shah Alam, 2014	National
04	Aishah Ramlan, Fatin Amirah Ahmad Shukri, Ruzanna Mat Jusoh , Mohd Syazwan Mohamad Anuar and Mokhtar Abdullah (2013). Modelling Military Ground Fleet Maintenance Cost. Proceeding in International Conference on Computer Engineering & Mathematical Sciences (ICCEMS 2013), Kuala Lumpur.	International

05.	Fatin Amirah Ahmad Shukri, Ruzanna Mat Jusoh , Aishah Ramlan, Mohd Syazwan Mohamad Anuar (2013). An Overview of Fleet Maintenance and Operating Cost: Key Components And Methods. International Journal of Commerce, Business and Management (IJCBM).	International
06.	Nurhafizah Moziyana, M.Y, Nurhana, M.R., Ruzanna, M.J , Mohd Nazmi,S. (2010). Sistem Aplikasi Inventori Berkomputer. Proceeding: Simposium Kebangsaan Sains Matematik ke-18. Regency Hotel, Johor Bharu	National
07.	Nurhafizah Moziyana, M.Y, Nurhana, M.R, Ruzanna, M.J . (2009). Teknik Berdasarkan Kekangan Penyelesaian Kepada Masalah Penjadualan di Fakulti Sains dan Teknologi Pertahanan (UPNM). Techniques Based on Constrained Scheduling Solutions to Problems in the Faculty of Science and Technology of Defense (NDUM). Proceeding: Simposium Kebangsaan Sains Matematik ke-17. Hotel Mahkota, Melaka.	National

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
01	50 th UTSG	Traffic monitoring on sparse-measurement network-wide fundamental diagrams	Presenter	3 – 5 Jan 2018	UCL, London
02	49 th UTSG	Distributed perimeter flow control of transport networks	Presenter	4- 6 Jan 2017	Urban Transport Study Group (UTSG)
03	MED Conference	Multi-gated perimeter flow control of transport networks	Presenter	3 – 6 July 2017	University of Malta

3.0 ACADEMIC RECOGNITION AND LEADERSHIP, CONSULTANCY, SERVICE TO THE UNIVERSITY AND SERVICE TO THE COMMUNITY

1.3 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
01	Anugerah Pekerja Cemerlang (APC)	2013	University	UPNM
02	Anugerah Pekerja Cemerlang (APC)	2012	Pusat	Pusat Asasi Pertahanan

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
01	Jawatankuasa Merangka Kurikulum Program Sarjana Pengurusan Pertahanan	April 2014	-	-	1 month
02	Pembentukan Program Baru (Ijazah Sarjana Muda Penyelidikan Operasi)	2009-2010	-	-	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	Duration
01	Penyelaras penyelidikan PAP	1 July 2019
02	AJK Protokol ICSSST 2019	Mac – November 2019
03	Member of Perwira Toastmaster Club	2013-2015
04	Secretary MSORSM Seminar (National Level)	Mac 2013 – November 2013

05	Treasurer Mathematics Department	Jan – October 2013
06	Committee for Bengkel Pengajaran dan Penilaian	May – June 2013
07	Course coordinator Mathematics II	November 2013 – February 2014
08	Committee for Science Week	February - December 2013
09	Coordinator SPSS Workshop	26-27 June 2012
10	Course coordinator Basic Mathematics	Sem I 2011
11	Course coordinator Operations Research and Computer Information Systems	Sem II 2011 Sem II 2010 Sem II 2009
12	Course coordinator Introduction to Statistics	Sem II 2010
13	Secretary Jawatankuasa Kualiti dan Akreditasi	1 July 2009 – 30 June 2010
14	Member of PERSAMA	Lifetime
15	Member of MSORSM	Lifetime

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
01	Alumni University of Glasgow	Member	June 2019	Present	International
02	Hadith Open Mic	Committee	28 June 2018	11 July 2018	International
03	University of Asmaul Husna	Volunteer	16 May 2018	14 June 2018	International
04	Ministry Of Education Malaysia	Examiner for Matriculation	September 2013	October 2013	National
05	Komuniti Melayu Glasgow (KMG)	Member	1 February 2015	20 Jan 2019	National
06	Ministry Of Education Malaysia	Examiner for Matriculation	27 October 2010	1 November 2010	National
07	Alumni UKM	Member	2006	Present	National
08	Persatuan Silat Cekak Malaysia (PSSCM)	Member	2005	Lifetime	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 :RUZANNA MAT JUSOH

Faculty/Department :PUSATASASI PERTAHANAN

Date :

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

**Dean
Signature and Stamp :**

Date :