



## CURRICULUM VITAE

<b>I. PERSONAL PARTICULARS</b>			
<b>Name</b>	<b>PROF MADYA DR WAN ROZITA BT WAN DIN</b>		
<b>Current Position Faculty / Department</b>	<b>HEAD OF DEPT., MATHEMATICS (DS 54)</b>		
<b>II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS</b>			
(Please list all academic qualifications, from your first degree, in chronological order)			
Year	Degree	Discipline	University
1989	B. Sc (Applied Mathematics)	Mathematics	Flinders University of South Australia, Australia
2008	M.Sc (Statistics)	Statistics	UKM, Bangi
2013	PhD	Mathematics	UKM, Bangi
<b>III. TITLES OF POSTGRADUATE THESES WRITTEN</b>			
No.	TITLES OF POSTGRADUATE THESES		
1	Analisis data fungsian ke atas ketepatan menembak dan kesan beban ketenteraan (Functional data analysis on shooting accuracy and the effect of load carriage)		

<b>IV. WORK EXPERIENCE</b> (Please list your relevant experience in chronological order)			
<b>Year</b>	<b>Position</b>	<b>Field of Work</b>	<b>Place of Work</b>
2015 – current	Head of Mathematics Dept., PAP	Education	UPNM
2014	Senior Lecturer	Education	UPNM
2009 – 2013	Lecturer	Education	UPNM
1996 - 1998	Business, Performance and Quality Senior Analyst	Telecommunication	Time Telekom Sdn Bhd
1990 – 1995	Geophysicist / Project Leader	Seismic processing for Oil companies	Teknosif Sdn Bhd
1989	Intern	Geophysic	Petronas

## 1.0 TEACHING AND SUPERVISION

### 1.1 Undergraduate Courses

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

No	Course Title	Semester	Year
1	Mathematics I (FMA 0223)	2 (Foundation)	2008/2009
2	Engineering Mathematics II (Differential Equation) (EFA 1203)	2 (Degree)	2008/2009
3	Calculus 2 (FMA 0223) - Coordinator	2 & 3 (Foundation)	2008/2009
4	Engineering Mathematics IV (Statistics) (EFA 2213)	2 (Degree)	2013/2014
5	Statistics for Social Science (FMA 0164) - Coordinator	1 (Foundation)	2013/2014
6	Mathematics II (FMA 0126)	2 (Foundation)	2013/2014
7	Engineering Mathematics IV (Statistics) (EFA 2213) - Coordinator	2 (Degree)	2013/2014
8	Mathematics 1 (FMA 0116)	1 (Foundation)	2014/2015
9	Mathematics 2 (FMA 0126)	2 (Foundation)	2014/2015
10	Statistics for Social Science (FMA 0164)	1 (Foundation)	2015/2016
11	Mathematics 2 (FMA 0126)	2 (Foundation)	2015/2016

12	Mathematics 1 (FMA 0116)	1 (Foundation)	2016/2017
13	Mathematics 2 (FMA 0126)	2 (Foundation)	2016/2017
14	Statistics for Social Science (FMA 0164)	1 (Foundation)	2017/2018

### 1.2 Postgraduate Courses

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

No	Course Title	Semester	Year

### 1.3 Ph.D Supervision

(Please list in chronological order and state: name of student, year project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> <li>• Completed</li> <li>• Submitted</li> <li>• In Progress</li> </ul>
1	A`qilah Ahmad Dahalan (Main supervisor)	Developing 4th order fuzzy linear system using two-step preconditioning block iterative methods for military robot path planning	2015 - current	In Progress
2	Normurniyati Binti Abd Shattar (Main supervisor)	Parachute landing through mathematical modeling of Gordon's method and simulation to reduce injuries	2016 - current	In Progress
3	Nurkhairany Amyra Binti Mokhtar (Co supervisor)	A replication of a linear functional relationship model for circular variables and outlier detection	2016 - current	In Progress
4	Kdr Mohd Arif Bin Ahmad TLDM (Bersara) (Co Supervisor)	Mathematical model to determine the best course to steer in heavy seas	2016 - current	In Progress

### 1.4 PhD.External/Internal Examination

(Please list in chronological order and state: name of student, year project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> <li>• Completed</li> <li>• Submitted</li> <li>• In Progress</li> </ul>
1	Amel Saad Ab. Alshargawi	Replicated linear structural relationship model and analysis of	2016	In Progress

		missing values		
2	Mohd Syazwan Bin Mohamad Anuar.	Confidence intervals estimation and influential observation problems in Error-in-Variables (EIV) models for circular variables	2014	Completed
3	Mohd Syazwan Bin Mohamad Anuar.	Confidence intervals estimation and influential observation problems in Error-in-Variables (EIV) models for circular variables	2013	Completed

### 1.5 Supervision (Coursework and Project)

(Please list in chronological order and state: name of student, year, project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> <li>• Completed</li> <li>• Submitted</li> <li>• In Progress</li> </ul>
1	Farah Wahida Binti Wahid	PSM, FPPP, UPNM	2014	Completed
2	Munshella Sharmila Binti Serah	PSM, FPPP, UPNM	2014	Completed
3	Nornasriq Faizul Bin Ibrahim	PSM, FPPP, UPNM	2014	Completed

### 1.6 M.Sc (by Research)

(Please list in chronological order and state: name of student, year, project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> <li>• Completed</li> <li>• Submitted</li> <li>• In Progress</li> </ul>
1	Abrafa Yahya	Modeling of weight lifting exercise using Kane's method	2013-2017	In progress
2	Wan Nur Syazana bt Wan Zulkifli	Shooting accuracy using Gordon method	2013-2015	Completed

### 1.7 M.Sc. External/Internal Examination

(Please list in chronological order and state: name of student, year, project title and status)

No	Name of Student	Project Title	Year	Status
				<ul style="list-style-type: none"> <li>• Completed</li> <li>• Submitted</li> <li>• In Progress</li> </ul>
1	Nurkhairany Amyra Binti Mokhtar	Simultaneous functional relationship model and outlier detection using	2015	Completed

		clustering technique for circular variables		
2	Mohd Iqbal Bin Shamsudheen	Bootstrapping and outlier detection problems in a linear functional relationship model for circular data	Jun 2014	Completed
3	Mohd Iqbal Bin Shamsudheen	Bootstrapping and outlier detection problems in a linear functional relationship model for circular data	Dec 2014	Completed

## 2.0 RESEARCH AND PUBLICATION

### 2.1 Research Projects

(Please list in chronological order and state: title, list of researchers, grant/year, source/amount, date/duration and status) (Please bold your name)

No	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
1	Modeling of accurate shooting posture through Gordon's method	<u>Principal</u> : <b>Wan Rozita Wan Din (Dr)</b> <u>Members</u> : - Prof Dr Abdul Ghapor bin Hussin - Dr Azmin Sham Rambely - Nor Ain Azeany bt Mohd Nasir - Prof Madya Ahmad Zaidi Sulaiman	RAGS/2013/upnm/sg/04/4  2013	RM70000	Completed
2	Modeling of weight lifting exercise through Kane's method	<u>Principal</u> : <b>Wan Rozita Wan Din (Dr)</b> - <u>Abrafa Yahya</u>	2013		In Progress
3	Analisis kuantitatif terhadap prestasi akademik pelajar berdasarkan keputusan SPM dan Asasi di UPNM	Principal: Azuraini Mohd Arif Members: -Dr <b>Wan Rozita Wan Din</b> -Prof Dr Abd Ghapor Hussin -Prof Madya Ahmad Zaidi Sulaiman -Fatin Amirah bt Ahmad Shukri -Nur Adilah Liyana bt Hj	RAGS/2013/UPNM/SG/04/2 2013	RM50000	In progress

No	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
		Aladdin			
4	A new algorithm algorithm for solving higher order stiff BVP by multistep method	Principal: Noor Syazwana Abd Aziz Members: -Dr <b>Wan Rozita Wan Din</b> -Nor Ain Azeany Mohd Nasir Sulaiman -Nur Adilah Liyana bt Hj Aladdin	RAGS/2013/UPNM/SG/04/1 2013	RM60000	In Progress
5	Developing 4 <sup>th</sup> order fuzzy linear system using two-step preconditioning block iterative methods for military robot path planning	<u>Principal</u> : <b>Wan Rozita Wan Din (Dr)</b> <u>Members:</u> - Prof Madya Dr Jumat B Sulaiman - Prof Dr Abdul Ghapor bin Hussin - Azali B Saudi - A'qilah Ahmad Dahalan	Short Term Grant 2015	RM 20000	In Progress
6	An investigation into flood phenomena in Peninsular Malaysia using Copulas and related Non-parametric statistics	Principal: Dr Ummul Fahri Abdul Rauf Members: -Dr <b>Wan Rozita Wan Din</b> -Prof Dr Abd Ghapor Hussin -Aniza Ibrahim - Nur Aisyah Abdul Fataf	FRGS/1/2015/SG04/UPNM/02(2)  2015	RM 55000	In Progress
7	Capacitated production planning problem in hybrid manufacturing-remanufacturing systems.	Principal: Dr Syarifah Aishah Syed Ali Members: -Prof Madya Dr <b>Wan Rozita Wan Din</b> -Prof Dr Abd Ghapor Hussin - Prof Ir Dr Norazman Bin Mohamad Nor - Prof Dr Dzuraidah Binti Abd Malik	FRGS/1/2017/STG06/UPNM/03(2)  2017	RM59700	In Progress

## 2.2 Publications

### 2.2.1 Invited/Keynote Papers/Presentation

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, 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 <ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul>
1	<b>Din, W. R. W</b> , Rambely, A. S. & Jemain, A. A. 2011. Load carriage analysis for Malaysian military using functional data analysis technique: Trial Experiment. <i>In Proceedings of 4<sup>th</sup> International Conference on Modeling, Simulation &amp; Applied Optimization (ICMSAO), IEEE Xplore</i> . Pp 1-8.	International – presentation
2	<b>Wan Din, W. R.</b> & Rambely A. S. & Jemain, A. A. 2010. Biomechanics of rifle shooting model : Effects of rifle dynamics in target accuracy. <i>In Proceeding of 2<sup>nd</sup> International International Conference Mathematical Sciences</i> . ICMS2 2010, 1-5.	International – presentation
3	<b>Wan Rozita Wan Din</b> & Azmin Sham Rambely. 2010. Model matematik 2-D tiga rantai tertutup 7inematic tangan semasa menembak melalui kaedah Kane. <i>Prosiding Kolokium Siswazah ke-10 Fakulti Sains dan Teknologi, UKM</i> .	University – presentation
4	<b>Wan Rozita Wan Din</b> , Ahmad Mahir Razali, Norazman Mohamad Noor & Zulkifli Mohd Nopiah. 2009. Statistical analysis of rifle shooting accuracy. <i>In Proceedings of Seminar on Engineering Mathematics</i> . 2009: 47-54.	University – presentation

### 2.2.2 Book/Chapter in Book:

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, 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 <ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul>
1	Wan Rozita Wan Din, Mohd Faisal Saari, Nabilah Fikriah Rahin, Normurniyati Abd Shattar. 2015. Module “Statistics for Social Sciences” for Centre for Foundation Studies UPNM . 1 <sup>st</sup> Ed.	University
2	Wan Rozita Wan Din, Mohd Faisal Saari, Nabilah Fikriah Rahin, Normurniyati Abd Shattar. 2016. Module “Statistics for Social Sciences” for Centre for Foundation Studies UPNM . 2 <sup>nd</sup> Ed.	University
3	Wan Rozita Wan Din, Mohd Faisal Saari, Nabilah Fikriah Rahin, Normurniyati Abd Shattar. 2017. Module “Statistics for Social Sciences” for Centre for Foundation Studies UPNM. 3 <sup>rd</sup> Ed.	University

### 2.2.3 Journal Article

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, 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 <ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul>
1	<b>Din W. R. W.</b> , Rambely A. S & Jemain A.A.. 2013. Smoothing of GRF data using functional data analysis technique. <i>International Journal of Applied Mathematics &amp; Statistics</i> . 47(17), pp 70-77. (Index by Scopus)	International
2	<b>Wan Din, W. R.</b> & Rambely, A. S. 2011. Biomechanics of a rifle-firing model: Effects of rifle dynamics on target accuracy. <i>International Journal of Applied Mathematics &amp; Statistics</i> . 23(D11), pp 92-97. (Index by Scopus)	International
3	<b>Wan Rozita Wan Din</b> , Azmin Sham Rambely & Abdul Aziz Jemain. 2012. Pelicinan Analisis Data Fungsian Terhadap Data Biomekanik Ketepatan Menembak. <i>Journal of Quality Measurement and Analysis</i> . JQMA 8(2)2012,77-87. (Index by Scopus)	National
4	R. Ahmad-Mahir, <b>W. D. Wan-Rozita</b> , J. Khairiah and B.S. Ismail. 2009. Fitting Fitting a Nonlinear Regression Model to Gauge Heavy Metal Uptake in Spinach Amaranthus hybrids L.). 2009.American-Eurasian J. Agric. & Environ. Sci., 3(1): ISSN 1818-6769. IDOSI Publication.5(2): 236-243.	International
5	<b>Wan Din, W. R.</b> & Rambely A. S. & Jemain, A. A. 2012. Load Carriage Analysis For Military Using Functional Data Analysis Technique : Registration and Permutation Test. <i>International Journal of Basic &amp; Applied Sciences</i> 4(1) 2015 1-9.	International
6	<b>Wan Din, W. R.</b> & Rambely A. S. & Jemain, A. A. 2012. Dynamics modelling of rifle-firing target. <i>International Journal of Basic &amp; Applied Sciences –Accepted Jan 2015</i> .	International
7	Wan Nur Syazana Wan Zulkifli, <b>Wan Rozita Wan Din</b> & Azmin Sham Rambely, 2015. Modeling of shooter's position using Gordon's method. <i>Global Journal of Pure and Applied Mathematics</i> . 11(2) 625-633.	International



	(Index by Scopus)	
8	Wan Nur Syazana Wan Zulkifli, <b>Wan Rozita Wan Din</b> & Azmin Sham Rambely, 2015. Comparison on the angle of shooting accuracy through experimental and simulation data. 2015. European Journal of Scientific Research. 129(2) 195-199. (Index by Scopus)	International
9	Wan Nur Syazana Wan Zulkifli, <b>Wan Rozita Wan Din</b> & Azmin Sham Rambely, 2015. Effect of shooting distances towards the angle of projectile motion of M16 bullet. 2015. Far East Journal of Mathematical Sciences. Accepted June 2015 (Index by Scopus)	International

#### 2.2.4 Proceedings Articles:

(Please list in chronological order and state: authors, year, title, publisher/journal/conference, 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 <ul style="list-style-type: none"> <li>• International</li> <li>• National</li> <li>• University</li> </ul>
1	<b>Wan Din, W. R.</b> & Rambely A. S. 2014. Functional data analysis on ground reaction force of military load carriage increment. AIP Conference Proceedings, 1602, pp. 83-88.	International
2	Wan Nur Syazana Wan Zulkifli, <b>Wan Rozita Wan Din</b> . 2014. Mathematical model of the shooter's position using Gordon's method. Proceedings of 3 <sup>rd</sup> International Conference on Fundamental and Applied Sciences (ICFAS2014)	International
3	<b>Wan Din</b> and Azmin Rambely, A. S. 2012. A shooter's posture in handling a rifle while aiming at a target in standing position. <i>In Proceedings of International Society of Biomechanics and Sports Conference (ISBS 2012)</i> . (77)	International
4	<b>Wan Rozita Wan Din</b> , Azmin Rambely and Abdul Jemain. 2012. Using functional data analysis to investigate significant load increment. <i>In Proceedings of International Society of Biomechanics and Sports Conference (ISBS 2012)</i> . (9).	International

5	<b>Din, W. R. W</b> , Rambely, A. S. & Jemain, A. A. 2011. Load carriage analysis for Malaysian military using functional data analysis technique: Trial Experiment. <i>In Proceedings of 4<sup>th</sup> International Conference on Modeling, Simulation &amp; Applied Optimization (ICMSAO), IEEE Xplore</i> . Pp 1-8.	International
6	<b>Wan Din, W. R.</b> & Rambely A. S. & Jemain, A. A. 2010. Biomechanics of rifle shooting model : Effects of rifle dynamics in target accuracy. <i>In Proceeding of 2<sup>nd</sup> International International Conference Mathematical Sciences</i> . ICMS2 2010, 1-5.	International
7	<b>Wan Rozita Wan Din</b> & Azmin Sham Rambely. 2010. Model matematik 2-D tiga rantaian tertutup 10inematic tangan semasa menembak melalui kaedah Kane. <i>Prosiding Kolokium Siswazah ke-10 Fakulti Sains dan Teknologi, UKM</i> .	University
8	<b>Wan Rozita Wan Din</b> , Ahmad Mahir Razali, Norazman Mohamad Noor & Zulkifli Mohd Nopiah. 2009. Statistical analysis of rifle shooting accuracy. <i>In Proceedings of Seminar on Engineering Mathematics</i> . 2009: 47-54.	University
9	<b>Wan Rozita Wan Din</b> , Ahmad Mahir Razali. 2009. Fitting of Nonlinear Regression Model to Heavy Metal Uptake by Spinach Leaves. <i>Proceedings of the 3<sup>rd</sup> IMT-GT Regional Conference on Mathematics, Statistics and Applications Universiti Sains Malaysia</i> .	National
10	Wan Syazana Wan Zulkifli, <b>Wan Rozita Wan Din</b> . Azmin Sham Rambely 2014. Comparison on the angle of shooter's posture through experimental and simulation. <i>Proceeding of International Conference of Engineering, Technology, and Science (ICETS), 2014</i>	International
11	Wan Syazana Wan Zulkifli, <b>Wan Rozita Wan Din</b> . Azmin Sham Rambely. 2014. Mathematical model of the shooter's position using Gordon's method. <i>Proceedings of 3<sup>rd</sup> AIP Conference Proceedings</i> 1621, 449 (2014); doi: 10.1063/1.4898505	International
12	A`qilah Ahmad Dahalan, Jumat Sulaiman, Wan Rozita Wan Din, 2016. Numerical solution for 2D fuzzy parabolic equation in age iterative method. <i>Proceeding of Simposium Kebangsaan Sains Matematik ke 24 (SKSM24)</i>	National
13	A`qilah Ahmad Dahalan, Jumat Sulaiman, Wan Rozita Wan Din, 2016. Application of implicit scheme with AGE iterative method for solving fuzzy parabolic equation. <i>Proceeding of the 4th International</i>	International

	Conference on Mathematical Sciences (ICMS2016)	
14	A`qilah Ahmad Dahalan, Azali Saudi, Jumat Sulaiman, Wan Rozita Wan Din, 2017. Autonomous navigation in static indoor environment via rotated laplacian operator. Proceeding of the Simposium Kebangsaan Sains Matematik Ke 25 (SKSM 25)	National
15	A`qilah Ahmad Dahalan, Jumat Sulaiman, Wan Rozita Wan Din, 2016. Numerical evaluation of robot navigation in static indoor environment via EGAOR iteration. Proceeding of the 1st International Conference on Applied & Industrial Mathematical and Statistics (ICoAIMS2017)	International
16	Mohd Faris Fauzi, Ummul Fahri Abdul Rauf, Wan Rozita Wan Din. 2017. Evaluation of wet indices using standard precipitation index: A case study of Terengganu. Proceeding of the 1st International Conference on Applied & Industrial Mathematical and Statistics (ICoAIMS2017)	International

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

#### (a) Academic Recognition and Leadership

Academic recognition and leadership such as Academic Award , Academic Assessor/External Examiner/Ph.D. Thesis Examiner, Master's Thesis Examiner/Promotion Assessor (External), Internal Thesis Examiner, Visiting Professor/Fellowship, Invited Speaker, Editorial Board and other academic recognition. (Please list in chronological order and state: Academic Recognition (e.g. award name,invited speakers etc.), year, level and awarding body/ name of institution)

No	Academic Recognition	Year	Level	Awarding Body / Name of Institution
1	Anugerah Perkhidmatan Cemerlang (APC)	2016	University	UPNM
2	Bronze Medal	2015	International	Seoul International Invention Fair 2015 (SIIF 2015)
3.	Gold Medal	2015	University	Defence Security and Sustainability Colloquium and Exhibition (DSS 2015)

4	Best Award	2015	University	Defence Security and Sustainability Colloquium and Exhibition (DSS 2015)
5	Bronze Award	2014	University	Kolokium PPI, UPNM
6	Internal examiner	Dec 2016	University PhD: Amel Saad Ab. Alshargawi	Kolokium PPI, UPNM
7	Penilai	Mac 2016	Universiti	Bengkel FRGS
8	Internal examiner	2015	University Master: Nurkhairany Amyra Binti Mokhtar	Kolokium PPI, UPNM
9	Internal Thesis Examiner	2014	Master : Mohd Iqbal Bin Shamsudheen	UPNM
10	Internal examiner	2014	PhD: Mohd Syazwan Bin Mohamad Anuar.	Kolokium UPNM
11	Internal examiner	2013	Master: Mohd Iqbal Bin Shamsudheen	Kolokium UPNM
12	Internal examiner	2013	PhD: Mohd Syazwan Bin Mohamad Anuar.	Kolokium UPNM
13	Internal examiner	2014	Undergraduate (Final Year Project):  1. Mohamad Aliff Bin Mohd Saperi (2120591) 2. Muhamad Zulharif Bin Abdul Rahim (2120599) 3. Farah Wahida Binti Wahid (2120780) 4. Erina Sahirah Binti Sah Nuddin (2120612) 5. Mohd Azrin Bin Azizan (2120468)	FKJ & FSTP, UPNM

			6. Imran Khan Bin Sahaber Mohammad (2120412) 7. Nor shahira Bin Kamarulzaman	
14	Internal examiner	2017	PhD: Mohd Syazwan Bin Mohamad Anuar.	Kolokium UPNM

**(b) Consultancy - Consultancy work that benefited to the University.**

**(Supervise – PhD student)**

No.	Title	Name	Duration
1	Developing 4 <sup>th</sup> order fuzzy linear system using two-step preconditioning block iterative methods for military robot path planning	A'qilah Ahmad Dahalan	2015 - 2018
2	Parachute landing through mathematical modeling of Gordon's method and simulation to reduce injuries	Normurniyati Binti Abd Shattar	2016 - 2019
3	A replication of a linear functional relationship model for circular variables and outlier detection	Nurkhairany Amyra Binti Mokhtar	2016 - 2018
4	Mathematical model to determine the best course to steer in heavy seas	Kdr Mohd Arif Bin Ahmad TLDM (Bersara)	2016 - 2018

**(Supervise – master student)**

No.	Title	Name	Duration
1	Shooting accuracy using Gordon method	Wan Nur Syazana bt Wan Kamarudin	2013 – 2015 (graduated Oct 2015)
2	Modeling of weight lifting exercise using Kane's method	Abfraha bin Yahya	2013 - 2017

**(Supervise – Under graduate final year project)**

No.	Name	Matrik No	Duration
1	Farah Wahida Binti Wahid	2120780	2014
2	Munshella Sharmila Binti Serah	2120392	2014
3	Nornasriq Faizul Bin Ibrahim	2120624	2014

### (c) 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, committee and duration)

No	Position/Membership	Committee	Duration
1	Head of Mathematics Department	Pusat Asasi Pertahanan UPNM	Mac 2015 – Feb 2019
2	AJK JPPA	UPNM	Mac 2015 – Mac 2017
3	Penyelaras UPNM: Olimpiald Matematik IPTA	OMUA 2016	2016
4	Chairperson: New programme : Operation Research with Data Science	Pusat Asasi Pertahanan UPNM	2015 - 2016
5	Mesyuarat Saringan Awal program baharu: Sarjana Muda Penyelidikan Operasi dengan Sains data	KPT	2016
6	AJK : Kluster Sains tulun	UPNM	2016 - 2017
7	Member :Management Science / Operations Research Society of Malaysia	MSOR	2016 - 2017
8	Internal examiner: Kolokium siswazah (PhD)	PPS	2016
9	Assessor : Bengkel FRGS	PPI	2016
10	Head: Bengkel Matlab & Latex Siri 1	PAP	2016
11	Presenter: Bengkel penyediaan dokumen ijazah sarjana muda forensik dan penyiasatan	PAP	2016
12	Chairperson: Bengkel penyediaan kertas soalan dan semakan semula rancangan pengajaran tahap 1 sem 1 sesi 2016/2017	Math Dept., PAP	2016
13	Chairperson: Bengkel penyediaan kertas soalan dan semakan semula rancangan pengajaran tahap 1 sem 2	Math Dept., PAP	2016

	sesi 2016/2017		
14	Minggu perkasa jati diri program asasi pertahanan dan program diploma sesi akademik 2016/2017	UPNM	2016
15	Sambutan 1 dekad UPNM	UPNM	2016
16	AJK: Chemical and Biological Defence Seminar 2016 (CBDS 2016)	UPNM	2016
17	AKEPT : Malaysian Higher education policies and reforms	UPNM	2016
18	Participant: Seminar Management Science/ Operations Research	MSOR	2016
19	Chairperson: Bengkel Pengukuran dan Penilaian PAP 2015	PAP	2015
20	AJK : Kolokium Sains Bahan Pertahanan dan Keselamatan 2015 (MaSCoDS 2015)	PAP	2015
21	Presenter: Seoul International Invention Fair (SIIF 2015)	KIPA, Korea	2015
22	Facilitator: Program peningkatan prestasi akademik pelajar Asasi sesi akademik 2015/2016, Kem Kongkoi	PAP	2015
23	Chairperson: Bengkel penyediaan kertas soalan dan semakan semula rancangan pengajaran tahap 1 sem 2 sesi 2015/2016	PAP	2015
24	Chairperson: Bengkel penyediaan kertas soalan dan semakan semula rancangan pengajaran tahap 1 sem 1 sesi 2016/2017	PAP	2015
25	Internal examiner: Kolokium siswazah (master)	PPS UPNM	2015
26	AJK: Nadimasa	UPNM	2015
27	Internal examiner: Kolokium Siswazah (PhD & master)	PPS UPNM	2014
28	Internal examiner: Master thesis	FSTP	2014
29	Presenter: Bengkel Perisian R	PAP	2014
30	AJK: e-learning	UPNM	2014
31	Penasihat Akademik	PAP	2014
32	Penyelaras kursus	Matematik, PAP	2014
33	Chairperson parallel session: International conference on mathematical sciences 2013	UKM, Bersama	2013
34	Presenter: International conference on	UKM, Bersama	2013

	mathematical sciences		
35	Presenter: e-learning	PAP	2013
36	Head researcher for Mathematics Dept.	PAP	2013
37	Unit coordinator : e-Learning for Foundation Studies	PAP	2013
38	Presenter: International conference on mathematical sciences 2012 (ICMS3 2012)	UKM	2012
39	Presenter: International conference on modeling, simulation & applied optimization (ICMSAO 2011)	UKM	2011
40	Presenter: International conference on mathematical sciences 2010 (ICMS2 2010)	UKM	2010
41	Presenter: Kolokium Siswazah ke 10, FST, UKM	UKM	2010
42	Chairperson: Kolokium Siswazah ke 10, UKM	UKM	2010
43	Presenter: Seminar on Engineering Mathematics, UKM	UKM	2009
44	Participant: Kolokium "Defense, security & sustainability colloquium & Exhibition (DSS 2015)	UPNM	2016
45	Peserta: Bengkel " Published in high Journal"	UPNM	2016
46	Participant: Inaugural Talk	UPNM	2016
47	Presenter / Participant:MSOR Collaboration Meeting : Germany(Munchen University)	UPNM	2016
48	Participant: UPNM Talk Series	UPNM	2016
49	Participant: Ucaptama naib Canselor	UPNM	2016
50	Participant: Bengkel Hala tuju	UPNM	2016
51	Participant: Bengkel Pengurusan Cuti Belajar	UPNM	2016
52	Participant: Retreat Staf Akademik/Pengurusan Seminar Management Science/ Operations Research	UPNM	2016
53	Participant: Bengkel semakan semula peraturan akademik (Program sarjana muda) Siri 2/2016	UPNM	2016
54	Participant: Bengkel " Published in	UPNM	2015



	high Journal”		
55	Participant: Istiadat konvokesyen ke-6 UPNM	UPNM	2015
56	Participant: Bengkel pemurnian pelan strategic 2016 PAP	UPNM	2015
57	Participant: Retreat Audit autonomi dan hala tuju akademik	UPNM	2015
58	Participant: Seminar “The young scientist seminar”	UPNM	2015
59	Participant: Bengkel pengaplikasian kaedah penilaian purata nilai gred keseluruhan berintegrasi (ICGPA)	UPNM	2015
60	Participant: Bengkel “Talk on KTP programme – the do’s and don’ts”	UPNM	2015
61	Participant: Bengkel keperluan program-program baharu di UPNM	UPNM	2015
62	Participant: Bengkel dokumentasi permohonan program akademik baharu	UPNM	2015
63	Participant: Persidangan dan pameran inovasi kebangsaan 2015 (NICE 2015), Kementerian Sains, Teknologi dan inovasi	Kementerian Sains, Teknologi dan Inovasi	2015
64	Participant: Kolokium “Defense, security & sustainability colloquium & Exhibition (DSS 2015)	UPNM	2015
65	Participant: Bengkel perancangan pusat asasi pertahanan 2015	UPNM	2015
66	Participant: Kolokium Pameran, Penyelidikan dan Inovasi UPNM	UPNM	2014
67	Participant: Bengkel Pelan strategic PAP	UPNM	2014
68	Participant: Bengkel semakan kurikulum Asasi 2014/2015	UPNM	2014
69	Participant: Bengkel penilaian permohonan geran di bawah dana KPM peringkat UPNM 2013 (FRGS)	UPNM	2013
70	Participant: Latihan penggunaan portal learning management	UPNM	2013
71	Participant: Bengkel penulisan dan pemurnian kertas cadangan geran penyelidikan FRGS 2013	UPNM	2013
72	Participant: Kursus Problem base learning (PBL)	UPNM	2013

73	Participant: Bengkel penasihat akademik, Hotel Residence Bangi	UPNM	2013
74	Participant: Bengkel halatuju akademik dan antarabangsa 2012	PAP	2012
74	Institute of Statistics Malaysia - member	ISM	Lifelong
76	Flinders University of South Australia Alumni – member	Flinders Uni. Of South Australia	Lifelong
77	International Society of Biomechanics and Sports (ISBS) USA - member	ISBS, USA	2011
78	AJK	NADIMASA	2014 - 2015
79	Management Science / Operations Research Society of Malaysia	MSOR	2016-2017

**(d) Service to the community**

(Please list in chronological order and state: level of involvement, activity, organiser, venue, date/ year/ duration)

No	Level of involvement	Activity	Organiser	Venue	Date/Year/Duration
1	Teaching	Kelas Al-Quran & Qiraat	QQ Gemilang Sdn Bhd	B.B.Bangi	2011 – current Every weekend