



## CURRICULUM VITAE



### I. PERSONAL PARTICULARS

<b>Name</b>	<b>DR. NOOR SYAZWANA BINTI ABD AZIZ</b>
<b>Current Position Faculty / Department</b>	<b>DS 45 LECTURER</b>

**II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS**

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

Year	Degree	Discipline	University
2010	COMPUTATIONAL MATHEMATICS	BACHELOR OF SCIENCE (HONS)	UNIVERSITI TEKNOLOGI MARA (UiTM)
2012	MATHEMATICS	MASTER OF SCIENCE	UNIVERSITI TEKNOLOGI MALAYSIA (UTM)
2022	MATHEMATICS	DOCTOR OF PHILOSOPHY	UNIVERSITI KEBANGSAAN MALAYSIA (UKM)

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

No.	TITLES OF POSTGRADUATE THESES
1.	PARALLEL COMPUTATION OF FINITE DIFFERENCE METHOD FOR HEAT CONDUCTION IN DUCT PROBLEM
2.	KAJIAN BIOMEKANIK TEKNIK PENDARATAN PAYUNG TERJUN BAGI TENTERA MALAYSIA DENGAN KAEDAH KANE DAN ANALISIS DATA FUNGSIAN

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

Year	Position	Organisation	Start and End Date
2011	LECTURER ASSISTANT	ADMIN	FAKULTI GEOINFORMASI HARTA TANAH (UTM)

**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.	Sarjana Muda Sains Ketangkasan Pertahanan	5	2022
2.	Sarjana Muda Sains Ketangkasan Pertahanan	5	2022
3.	Sarjana Muda Penyelidikan Operasi dan Sains Data	5	2022

## 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.	MATHEMATICS 1	1	2012/2013
2.	MATHEMATICS 3	2	2012/2013
3.	MATHEMATICS 1	1	2013/2014
4.	MATHEMATICS 3	2	2013/2014
5.	MATHEMATICS 1	1	2014/2015
6.	MATHEMATICS 3	2	2014/2015
7.	BASIC MATHEMATICS	1	2015/2016
8.	MATHEMATICS 3	2	2015/2016
9.	MATHEMATICS 1	1	2016/2017
10.	BUSINESS MATHEMATICS	2	2020/2021
11.	MATHEMATICS 1	1	2021/2022

12	BUSINESS MATHEMATICS	2	2021/2022
13	MATHEMATICS 1	1	2022/2023

### 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 <ul style="list-style-type: none"><li>• Completed</li><li>• Submitted</li><li>• In Progress</li></ul>

## 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 Rresearchers <ul style="list-style-type: none"><li>• Principal</li><li>• Members</li></ul>	Grant Year	Source Amount	Status <ul style="list-style-type: none"><li>• Completed</li><li>• In Progress</li></ul>
1	A NEW NUMERICAL ALGORITHM FOR SOLVING HIGHER ORDER STIFF BOUNDARY VALUE PROBLEM BY MULTISTEP BLOCK METHOD	PRINCIPAL	2013-2015	50,000	COMPLETE
2.	MODELING THE ACCURATE SHOOTING POSTURE THROUGH GORDON METHOD	MEMBER	2013-2015	60,000	COMPLETE

No	Title	List of Rresearchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
3.	KAJIAN BIOMEKANIK TEKNIK PENDARATAN PAYUNG TERJUN BAGI TENTERA MALAYSIA DENGAN KAEDAH GORDON DAN ANALISIS FUNGSIAN DATA	PRINCIPLE	2021-2023	20,000	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
1.	<b>Aziz, S.</b> , Rambely, A.S., Gan, K.B. & Wan Din, W.R. 2020. Kinetics Study in Parachute Landing Fall Technique by Comparing Professional and Amateur Malaysian Army Parachutists Using Kane's Method. <i>Mathematics</i> 8 (6): 917-931.	ISI
2.	<b>Aziz, S.</b> , Gan, K.B & Rambely, A.S. 2020. Angular Kinematics Study on Parachute Landing Activity for Professional and Amateur Parachutists of Malaysian Military Using Video Processing Technique. <i>Malaysian Journal of Mathematical Sciences</i> . 14: 31-45.	SCOPUS
3.	<b>Aziz, S.</b> , Gan, K.B., Rambely, A.Z., Gopal, K., Ariffin, M.S. & Shattar, N. Relationship Between Angle And Peak Vertical Ground Reaction Force Estimation In Parachute Landing Fall Among Army Parhutist Using Mathematical Modelling. 2022. <i>Alexandria Engineering Journal</i> . 61:5413-5426	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 • International • National • University
1.	Nur Adilah Liyana Aladdin, <b>Noor Syazwana Abd Aziz</b> , A'qilah Ahmad Dahalan, Mazlinda Ibrahim, Hoo Yann Seong, MODULE MATHEMATICS 3 2021/2022.	UNIVERSITY
2.	<b>Noor Syazwana Abd Aziz</b> , A'qilah Ahmad Dahalan, Normurniyati Abd Shattar, Nur Sakinah Idris, MODULE BASIC MATHEMATICS 2021/2022.	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"> <li>• International</li> <li>• National</li> <li>• University</li> </ul>
1.	A.A. Dahalan, <b>N.S.Aziz</b> and J.Sulaiman. 2015. QSAGE Iterative method for the numerical solution of two-point fuzzy boundary value problem. International Conference on Research Applied Mathematics and Statistic (ICRAMS2015).	INTERNATIOAL
2.	A.A. Dahalan, <b>N.S.Aziz</b> and J.Sulaiman. 2015. AGE Iterative Method Applied to 2D Fuzzy Poisson Equation. <i>International Conference on Research Applied Mathematics and Statistic (ICRAMS2015)</i>	INTERNATIONAL
3.	A.A. Dahalan, <b>N.S.Aziz</b> and J.Sulaiman. 2016. Performance of Quarter – Sweep Successive Over Relaxation Iterative Method for Two point Fuzzy Boundary Value Problem. <i>Applied Mathematics in Science and Engineering International Conference (APPEMSE)</i>	INTERNATIONAL
4.	<b>Aziz, S.</b> , Rambely, A.S., Wan Din, W.R. & Shattar, N. 2019. Case Study On The Optimum Angle Of Parachute Landing Between Professional and Amateur Parachutist in the Malaysian army. <i>Proceedings of 150<sup>th</sup> the IRES International Conference</i>	INTERNATIONAL
5.	<b>Aziz, S.</b> , Rambely, A.S. & Rauf, U.F.A. 2019. Kinematics study on PLF technique by comparing professional and amateur Malaysian army parachutists based on event during landing. <i>Journal of Physics: Conference Series</i> 1366:012054.	INTERNATIONAL
6.	Normurniyati Abd Shattar, Kok Beng Gan & <b>Noor Syazwana Abd Aziz</b> . 2021. Experimental setup for markerless motion capture and landmarks detection using OpenPose during dynamic gait index measurement. <i>International Conference on Space Science and Communication (IconSpace)</i> . 286-289.	INTERNATIONAL

### 2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1	International Conference on Research Applied Mathematics and Statistic (ICRAMS2015)	QSAGE Iterative method for the numerical solution of two-point fuzzy boundary value problem	PRESENTER	3 – 5 December 2015	INTERNATIONAL POST-GRADUATE NETWORK (IPN)
2.	Applied Mathematics in Science and Engineering International Conference (APPEMSE)	Performance of Quarter –Sweep Successive Over Relaxation Iterative Method for Two point Fuzzy	PRESENTER	26 – 28 January 2016	MALTESAS

		Boundary Value Problem			
3.	International Conference on Applied Physics and Mathematics (ICAPM 2019)	Case Study On The Optimum Angle Of Parachute Landing Between Professional and Amateur Parachutist in the Malaysian army	PRESENTER	2 – 3 January 2019	INSTITUTE OF RESEARCH ENGINEERS AND SCIENTISTS (IRES)
4	International Conference On Applied And Industrial Mathematics And Statistic (ICOAIMS2019)	Kinematics study on PLF technique by comparing professional and amateur Malaysian army parachutists based on event during landing	PRESENTER	23 – 25 July 2019	UMP

### 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.	DEAN LIST	OCTOBER 2007	UNIVERSITY	UiTM
2.	DEAN LIST	APRIL 2008	UNIVERSITY	UiTM
3.	DEAN LIST	OCTOBER 2008	UNIVERSITY	UiTM
4.	DEAN LIST	APRIL 2009	UNIVERSITY	UiTM
5.	ANUGERAH CEMERLANG MATEMATIK	OGOS 2009	UNIVERSITY	UiTM
6.	PELATIH TERBAIK KESATRIA	NOVEMBER 2007	UNIVERSITY	UiTM
7.	PERKHIDMATAN CEMERLANG	2012	UNIVERSITY	UPNM
8.	BEST TABLE TOPIC SPEAKER TOAST MASTER	2013	UNIVERSITY	UPNM



9.	BEST PAPER ICOAIMS	JULY 2019	INTERNATIONAL	UMP
10.	PENCAPAIAN PENERBITAN TAHUN 2020	JUN 2020	NATIONAL	UKM
11.	BRONZE MEDALS IN PRE-UNIVERSITY/ MATRICULATION INNOVATION COMPETITION (PIITRAM 2022)	MARCH 2022	NATIONAL	UPNM
12.	SILVER MEDALS IN DEFENCE, SECURITY AND SUSTAINABILITY (DSS 2022)	AUGUST 2022	NATIONAL	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	Duration
1.	KETUA PENGAWAS PEPERIKSAAN AKHIR SEMESTER II SESI 2012/2013 (PROGRAM ASASI PERTAHANAN)	2013
2.	KETUA PENGAWAS PEPERIKSAAN AKHIR SEMESTER I SESI 2013/2014 (PROGRAM ASASI PERTAHANAN)	2013
3.	PENILAI KERTAS SOALAN PEPERIKSAAN AKHIR SEMESTER II 2012/2013 (ENGINEERING MATHEMATICS I)	2013
4.	PENILAI KERTAS SOALAN PEPERIKSAAN AKHIR SEMESTER II 2012/2013 (ENGINEERING MATHEMATICS II)	2013
5.	AHLI TOASTMASTER INTERNATIONAL	2013

6.	PEMERIKSA SKRIP JAWAPAN PEPERIKSAAN PROGRAM MATRIKULASI	2013
7.	AHLI JAWATANKUASA PENYIASAT ASET ALIH UNIVERSITI UPNM	2014
8.	PENGAWAS PEPERIKSAAN AKHIR SEMESTER I SESI 2014/2015 (PROGRAM ASASI PERTAHANAN)	2014
9.	PENGAWAS PEPERIKSAAN AKHIR SEMESTER II SESI 2014/2015 (PROGRAM ASASI PERTAHANAN)	2015
10.	KETUA PENGAWAS PEPERIKSAAN AKHIR SEMESTER I SESI 2015/2016 (PROGRAM ASASI PERTAHANAN)	2015
11.	PENGAWAS PEPERIKSAAN AKHIR SEMESTER II SESI 2015/2016 (PROGRAM ASASI PERTAHANAN)	2015
12.	AHLI JAWATANKUASA BENGKEL PENGUKURAN DAN PENILAIAN	2015
13.	AHLI JAWATANKUASA ELEKTIF UNIVERSITI DALAM PEMBENTUKAN PROGRAM BAHARU PENYELIDIKAN OPERASI (OR)	2015
14.	PENYELARAS KURSUS MATEMATIK ASAS, JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN	2015
15.	PENYELARAS MODUL MATEMATIK ASAS, JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN	2016
16.	AHLI JAWATANKUASA AKADEMIK PUSAT ASASI PERTAHANAN	2016
17.	AHLI JAWATAN KUASA PERMURNIAN MODUL MATEMATIK 3, JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN	2016
18.	PENYELARAS KURSUS MATEMATIK PERNIAGAAN, JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN	2016
19.	PENGGUBAL SOALAN OLYMPIAD MATEMATIK DAN SAINS ANJURAN GAGASAN PENDIDIKAN MELAYU MALAYSIA (GAGASAN) BERSAMA KPM	2016
20.	AHLI JAWATANKUASA PERLAKSANA PERTANDINGAN OLYMPIAD SAINS DAN MATEMATIK PERINGKAT WILAYAH PERSEKUTUAN	2016
21.	AHLI INTERNATIONAL ASSOCIATION OF ENGINEERS (IAENG)	LIFE TIME
22.	JURI ANUGERAH KHAS JABATAN MATEMATIK SEMPENA PUSAT ASASI PERTAHANAN INNOVATION COMPETITION (PAPIC 2021)	2021
23.	JAWATANKUASA PELAKSANA BAGI PROGRAM OLIMPIAD MATEMATIK KEBANGSAAN 2021 (OMK 2021)	2021
24.	KETUA PENDAFTARAN PROGRAM HARI KESELAMATAN INTERNET	2021
25.	PENASIHAT AKADEMIK PROGRAM ASASI SESI AKADEMIK 2021/2022 (KTO)	2021
26.	PENASIHAT AKADEMIK PROGRAM ASASI SESI AKADEMIK 2021/2022 (PS8)	2021
27.	AHLI JAWATANKUASA PENGURUSAN RISIKO PUSAT ASASI PERTAHANAN UPNM	2021
28.	MODERATOR BENGKEL YASARA PUSAT ASASI PERTAHANAN	2021


29.	AHLI JAWATANKUASA PROGRAM STEM CRYPTOGRAPHY-CAESAR & TREASURE, PUSAT KESELAMATAN SIBER DAN REVOLUSI INDUSTRI DIGITAL DI MRSM BERA	2021
30.	AHLI JAWATANKUASA PERTANDINGAN INOVASI INTER-ASASI MATRIKULASI 2022 (PIITRAM 2022)	2021
31.	ANGGOTA PERSATUAN SAINS MATEMATIK MALAYSIA	LIFE TIME
32.	SETIAUSAHA JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN	2022-2024
33.	PENILAI KERTAS SOALAN PEPERIKSAAN AKHIR SEMESTER II SESI 2021/2022	2022
34.	PENYELARAS (MATEMATIK) PEMBANGUNAN PROGRAM BAHARU SARJANA MUDA SAINS KESELAMATAN DALAM INDUSTRI- FAKULTI SAINS DAN TEKNOLOGI PERTAHANAN	2022
35.	PENGAWAS PEPERIKSAAN AKHIR SEMESTER II SESI AKADEMIK 2021/2022 (PROGRAM ASASI)	2022
36.	AHLI JAWATANKUASA JAMUAN HARI RAYA PUSAT ASASI PERTAHANAN	2022
37.	PANEL PROPOSAL DEFENCE DAN KOLOKSIUM PASCASISWAZAH SESI 1/2022	2022
38.	PENASIHAT AKADEMIK PROGRAM ASASI SESI AKADEMIK 2022/2023 (KT3)	2022
39.	PENYELARAS KURSUS MATEMATIK I, JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN SESI 2022/2023	2022
40.	TIMBALAN PRESIDENT KELAB KEBAJIKAN DAN REKREASI PUSAT ASASI PERTAHANAN (KKRPAP)	2022-2024

### 3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level

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 : DR. NOOR SYAZWANA BINTI ABD AZIZ

Faculty/Department : JABATAN MATEMATIK, PUSAT ASASI PERTAHANAN

Date : 23 AUGUST 2022