



UPNM
National Defence University of Malaysia
Kewajipan • Maruah • Integriti

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CURRICULUM VITAE



I. PERSONAL PARTICULARS	
Name	NOR AIN AZEANY BINTI MOHD NASIR
Current Position Faculty / Department	SENIOR LECTURER DS52 / MATHEMATICS DEPARTMENT, CENTRE FOR DEFENSE FOUNDATION STUDIES, NATIONAL DEFENSE UNIVERSITY OF MALAYSIA, MALAYSIA (NDUM) POST DOCTORAL / INSTITUTE MATHEMATICAL RESEARCH, UNIVERSITI PUTRA MALAYSIA, MALAYSIA (UPM)

II. ACADEMIC AND PROFESSIONAL QUALIFICATIONS

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

Year	Degree	Discipline	University
2020	Doctor of Philosophy (PhD)	Fluid Mechanics	Universiti Kebangsaan Malaysia
2012	Master of Science (MSc)	Numerical Analysis	University Putra Malaysia
2009	Bachelor of Science (Honors) (BSc)	Mathematics	University Putra Malaysia

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

Degree	TITLES OF POSTGRADUATE THESES
Ph.D	PEMODELAN MATEMATIK ALIRAN TITIK GENANGAN DAN PEMINDAHAN HABA TERHADAP PERMUKAAN MEREKANG/MENGEKUT
M.Sc	MULTIBLOCK BACKWARD DIFFERENTIATION FORMULAE FOR SOLVING FIRST ORDER ORDINARY DIFFERENTIAL EQUATIONS

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

Year	Position	Organisation	Start and End Date
2024 – current	Post Doctoral	Institute for Mathematical Research, Universiti Putra Malaysia	2/01/2024-current
2020-current	Senior Lecturer (DS 52)	Mathematics Department, NDUM, Malaysia	1/11/2020-current
2018 – 2020	Lecturer (DS45)	Mathematics Department, NDUM, Malaysia	19/02/2018 – 31/10/2020
2015 - 2018	Lecturer (DS45 - Study Leave)	Department of Mathematical Sciences, Universiti Kebangsaan Malaysia	18/02/2015 – 17/02/2018
2012 - 2014	Lecturer (DS45)	Mathematics Department, NDUM, Malaysia	16/07/2012 – 17/02/2015

2012	ASISSTANT LECTURER	Centre of Foundation Studies for Agricultural Science, Universiti Putra Malaysia (UPM)	1/02/2012 – 15/07/2012
2011-2012	RESEARCH ASSISTANT	Department of Mathematics, Faculty of Science, UPM	01/07/2011 – 30/01/2012
2009-2011	Graduate Research Fund (GRF)	Graduate School Office, UPM	01/09/2009 – 30/06/2011
2008	Part-time Demonstrator	Department of Mathematics, Faculty of Science, UPM	Sem 2 2017/2018

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.	Research Methodology	1	2021-2023
2.	Research Methodology	2	2022-2023

1.2 First Degree Courses

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

No.	Course Title	Semester	Year
1.	NUMERICAL METHOD	2	2013/2014
2.	DIFFERENTIAL EQUATIONS	1	2013/2014
3.	NUMERICAL METHOD	2	2012/2013
4.	MATH ENGINEERING 1	1	2012/2013

5.	DIFFENTIAL EQUATIONS	1	2012/2013
6.	COMPLEX ANALYSIS	2	2010/2011
7.	NUMERICAL ANALYSIS	1	2010/2011
8.	DIFFERENTIAL EQUATIONS	2	2009/2010
9.	NUMERICAL ANALYSIS	1	2009/2010
10.	MATHEMATICS FOR ECONOMY AND BUSINESS	2	2007/2008

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	2022/2023
2	MATHEMATICS 3	2	2021/2022
3	MATHEMATICS 1	1	2021/2022
4	MATHEMATICS 2	2	2020/2021
5	MATHEMATICS 1	1	2020/2021
6	MATHEMATICS 3	2	2019/2020
7	MATHEMATICS 1	1	2019/2020
8	MATHEMATICS 2	2	2018/2019
9	MATHEMATICS 1	1	2018/2019
10	MATHEMATICS 2	2	2017/2018
11	MATHEMATICS 3	2	2014/2015
12	BASIC MATHEMATICS	1	2014/2015
13	ALGEBRA	2	2011/2012

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.	Nur Sakinah Binti Idris	Multiple Solutions of Boundary Layer Flow and Heat Transfer for Various Hybrid Nanofluid	2021	Co-sv	In Progress	UPNM
2.	Mohamad Syafiq bin Zainodin	Mathematical modelling of mixed convection flow and heat transfer over moving surface in hybrid ferrofluid	2020	Co-sv	In Progress	UPNM

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
1.	Nurul A'isyah Binti Jaafar	Effects of Magnetic Fields, Thermal Radiation and Suction on Flow and Heat Transfer of a Hybrid Nanofluid past a Nonlinear	2021	Co-Sv	In Progress	UPNM

		Stretching.shrinking Surface				
2.	Nur Aisyah Binti Aminuddin	Non-Newtonian Hybrid nanofluid flow and heat transfer with entropy generation effect	2022	Main Sv	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
1.	Mohamad Danial Bin Ahmad Razmi (Matrik no.: E20181022447)	Penyediaan Modul Asasi Matematik 1: Bab 7 dan 8	8/6/2020	Main	Completed
2	Wan Syafiah Binti Wan Hussin (Matrik no.: E20181020299)	The effects of slip and radiation on stagnation point flow and heat transfer past an exponentially stretching/shrinkin g Riga plate	8/6/2020	Main	Completed
3	Muhammad Zarul Hiqmi Bin Supian (Matrik no.: E20181020237)	Stagnation point flow and heat transfer over an exponentially stretching/shrinkin g Riga plate with	8/6/2020	Main	Completed

		the effects of radiation and heat source/sink			
4.	Wan Muhammad Fazlie Aqmal bin Wan Yusoff (Matrik no.: 2200325)	Where Should Traffic Sensors Be Placed on Traffic Networks	20/7/2022	Co- Sv	Completed

2.1

2.2 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.	Mathematical modelling of hybrid nanofluid flow and heat transfer in parabolic trough surface collector solar water pump	Principle: Nur Adilah Liyana binti Hj Aladdin Member: Nor Ain Azeany Mohd Nasir Mohd Anuar Jamaludin	2024	(RM10 000)	In Progress
2.	Kajian Kes Terhadap Indeks Kegembiraan Kalangan Pelajar Di Sebuah Universiti Berfokus	Principal: Dr. Azmi Ahmad Member: Hasan Al Banna Mohamed Ummul Fahri Abdul Rauf Nor Ain Azeany Mohd Nasir Nor Hazimah Abd Aziz	2022	YCU-GLU 2022 (RM 15 000)	COMPLETED
3.	Mathematical modeling of Non-Newtonian Powell-Eyring hybrid nanofluid flow over moving surfaces with entropy generation (FRGS/1/2021/STG06/UPNM/0	Principal: Nor Ain Azeany Mohd Nasir Member: Mohd Anuar Bin Jamaludin, Najiyah	2021	FRGS (RM80 000)	COMPLETED

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
	2/1)	Safwa Binti Khashi'ie, Norihan Binti Md Arifin, Norli Binti Abdullah			
4.	Modelling of Boundary Layer Flow and Heat Transfer over Various Surfaces in Cu-Al ₂ O ₃ /Water Hybrid Nanofluid (CRG/UPNM/2019/ST/04)	Principal: Mohd Anuar Jamaludin Member: Nor Ain Azeany Mohd Nasir Nur Adilah Liyana Aladdin Nur Sakinah Idris	2021	CRG (RM28 000)	COMPLETED
5.	Mathematical Modelling of Mixed Convection Flow and Heat Transfer over Moving Surface in a Hybrid Ferrofluid (FRGS/1/2020/STG06/UPNM/03/1)	Principal: Mohd Anuar Jamaluddin Member: Roslinda Binti Mohd Nazar, Nor Ain Azeany Binti Mohd Nasir , Leong Kin Yuen, Kohilavani A/P Naganthran	2020	FRGS (RM93 400)	COMPLETED
6.	Mixed convection in inclined two-square duct cavities filled with non-Newtonian nanofluid subjected to different types of heating by finite volume method (FRGS/1/2020/STG06/UTHM/03/6)	Principal: Norhaliza Binti Abu Bakar Member: Nur'Ain Binti Idris, Nor Ain Azeany Binti Mohd Nasir , Ishak Bin Hashim, Rozaini Bin Roslan, Zul Afiq Bin Sazeli	2020	FRGS (RM99 200)	COMPLETED
7.	Development of A New Dynamical Model of Terrorism (UPNM/2020/GPJP/SG/5)	Principal: Nur Amalina Jamaludin Member: Nor Ain Azeany Mohd Nasir Anvarjon Ahmedov Alexander Shasha Gutfraind	2020	GPJP (RM 20 000)	Completed

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
8.	Boundary Layer Flow and Heat Transfer Over A Submarine Hull at Rest (CRG/UPNM/2019/ST/05)	Principal: Nor Ain Azeany Mohd Nasir Member: Mohd Anuar Jamaluddin, Nur Adilah Liyana Aladdin	2020	CRG (RM28 000)	COMPLETED
9.	Application of Fuzzy Analytical Hierarchy Process (FAHP) for Evaluating Teaching Performance at Defence Foundation Center SELF-FUND(SF0065-UPNM/2019/SF/SG/2)	Principal: Fatin Amirah Ahmad Shukri Member: Nor Ain Azeany Mohd Nasir Fazilatulaili Ali Nur Adilah Liyana Aladdin	2019	Self-Fund	Completed
10.	Mathematical Modeling of Magnetohydrodynamics Stagnation Point and Heat Transfer of Fluid Flow Over A Stretching/Shrinking Surfaces SELF-FUND(SF0059-UPNM/2019/SF/SG/1)	Principal: Nor Ain Azeany Mohd Nasir Member: Wan Rozita Wan Din Hoo Yann Seong Mohd Anuar Jamaludin	2018	Self-Fund	Completed
11.	A New Numerical Algorithm for Solving Higher Order Stiff Boundary Value Problem (RAGS/2013/UPNM/SG/04/3)	Principal: Nor Ain Azeany Mohd Nasir Member: Noor Syazwana Abd Aziz Nabilah Fikriah Nur Adilah Liyana Aladdin NurulHuda A.Manaf	2013	Rags (RM 50 000)	Completed
12.	Modeling The Accurate Shooting Posture Through	Principal: Wan Rozita Wan Din	2013	Rags (RM 60 000)	Completed

No.	Title	List of Researchers • Principal • Members	Grant Year	Source Amount	Status • Completed • In Progress
	Gordon's Method (RAGS/2013/UPNM/SG/04/4)	Member: Nor Ain Azeany Mohd Nasir Nur Adilah Liyana Aladdin			
13.	Theoretical Development Of Multiblock Backward Differentiation Formulas For Solving Boundary Value Problems (Bvps)	Principal: Zarina Bibi Ibrahim Member: Zanariah Abd Majid Nor Ain Azeany Mohd Nasir	2012	Rugs (RM 40 000)	Completed

4.2 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	NA Aminuddin, NAAM Nasir , W Jamshed, N Abdullah, A Ishak, I Pop, MR Eid. Velocity and thermal slip impact towards GO-MoS ₂ /C ₃ H ₈ O ₃ hybridity nanofluid flowing via a moving Riga plate, Ain Shams Engineering Journal 2024, 102648.	Q1 (2024)
2	SM Hussain, ZE Shams, Q Rubbab, NAAM Nasir , A Abd-Elmonem, NSE Abdalla, MA Qureshi, H Ahmad. Thermal case study of magnetic radiative flow impacts on Newtonian nanofluid over a stretchable plate in absorbent: Box approach, Case Studies in Thermal Engineering 59, 2024, 104539.	Q1 (2024)
3	SM Hussain, F Shahzad, NM Katbar, W Jamshed, MR Eid, A. Kamel, M Akram, NAAM Nasir , RW Ibrahim, AM Alanzi, SM El-Din, Irreversibility analysis of hydromagnetic nanofluid flow past a horizontal surface via Koo-Kleinstreuer-Li (KKL) model, Heliyon 9(7) 2023, E17668.	Q1 (2023)
4	Y Li, M Imtiaz, W Jamshed, S Rehman, MR Eid, NAAM Nasir , NA Aminuddin, A Abd-Elmonem, NSE Abdalla, RW Ibrahim, A Amjad, SM El-Din. Nonlinear thermal radiation and the slip effect on a 3D bioconvection flow of the Casson nanofluid in a rotating frame via a homotopy analysis mechanism,	Q1 (2023)

	Nanotechnology Reviews 12, 2023, 20230161.	
5	N Zainuddin, NAAM Nasir , N Abdullah, W Jamshed, A Ishak. Numerical Solution of EMHD GO-Fe ₃ O ₄ /H ₂ O Flow and Heat Transfer over Moving Riga Plate with Thermal Radiation and Heat Absorption/ Generation Impacts, Journal of Advanced Research in Fluid Mechanics and Thermal Sciences 112(1), 2023, 62-75.	Q3 (2023)
6	NA Aminuddin, NAAM Nasir , N Abdullah, W Jamshed. Analysis of GO-MoS ₂ /EG Powell-Eyring Fluid Transportation in Stagnation Point Flow and Heat Transfer over a Shrinking Surface, Journal of Advanced Research in Fluid Mechanics and Thermal Sciences 112(2), 2023, 1-13.	Q3 (2023)
7	H Hanif, W. Jamshed, SUS Devi, MR Eid, S Shafie, RW Ibrahim, NAAM Nasir , A Abd-Elmonem, SM El-Din, Thermal description and entropy evaluation of magnetized hybrid nanofluid with variable viscosity via Crank-Nicolson method, Case Studies in Thermal Engineering 47, 2023, 103132.	Q1 (2023)
8	NAAM Nasir , T Sajid, W Jamshed, GC Altamirano, MR Eid, FAA ElSeabee, Cubic Chemical Autocatalysis and Oblique Magneto Dipole Effectiveness on Cross Nanofluid Flow via a Symmetric Stretchable Wedge, Symmetry, 15(6), 2023, 1145.	Q2 (2023)
9	A Jaafar, A Jamaludin, NAAM Nasir , R Nazar, I Pop, MHD opposing flow of Cu-TiO ₂ hybrid nanofluid under an exponentially stretching/shrinking surface embedded in porous media with heat source and slip impacts, Results in Engineering 17, 2023, 101005.	Q2 (2023)
10	NA Aminuddin, NAAM Nasir , W Jamshed, A Ishak, I Pop, MR Eid, Impact of thermal radiation on MHD GO-Fe ₂ O ₄ /EG flow and heat transfer over a moving surface, Symmetry 15(3), 2023, 584.	Q2 (2023)
11	A Abderrahmane, UF Alqsair, K Guedri, W Jamshed, NAAM Nasir , HS Majdi, S Baghaei, A Mourad dan R Marzouki (2022) Analysis of mixed convection of a power-law non-Newtonian nanofluid through a vented enclosure with rotating cylinder under magnetic field, Annals of Nuclear Energy 178 109339.	Q1 2022
12	F Shahzad, W Jamshed, KS Nisar, NAAM Nasir , R Safdar, A Abdel-Aty dan IS Yahia (2022) Thermal analysis for Al ₂ O ₃ -sodium alginate magnetized Jeffrey's nanofluid flow past a stretching sheet embedded in porous medium, Scientific reports 12(1) 3287.	Q1 2022
13	F Shahzad, W Jamshed, R Safdar, NAAM Nasir , MR Eid, MM Alanazi dan HY Zahran (2022) Thermal valuation and entropy inspection of second-grade nanoscale fluid flow over a stretching surface by applying Koo–Kleinstreuer–Li relation, Nanotechnology Reviews, 11(1), Doi: 10.1515/ntrev-2022-0123	Q1 2022
14	SM Hussain, W Jamshed, R Safdar, F Shahzad, NAAM Nasir dan I Ullah (2022) Chemical reaction and thermal characteristics of Maxwell nanofluid flow-through solar collector as a potential solar energy cooling application: A modified Buongiorno's model, Energy & Environment 1-24. Doi: 10.1177/0958305X221088113	Q1 2022

15	F Shahzad, W Jamshed, R Safdar, SM Hussain, NAAM Nasir , M Dhange, KS Nisar, MR Eid, M Sohail, M Alsehli dan A Elfakhany (2022) Thermal analysis characterisation of solarpowered ship using Oldroyd hybrid nanofluids in parabolic trough solar collector: An optimal thermal application, Nanotechnology Reviews 11(1) 2015-2037.	Q1 2022
16	F Redouane, W Jamshed, SSU Devi, M Prakash, NAAM Nasir , Z Hammouch, MR Eid, KS Nisar, AB Mahammed, A Abdel-Aty, IS Yahia dan EM Eed (2022) Heat flow saturate pf Ag/MgO-water hybrid nanofluid in heated trigonal enclosure with rotate cylindrical cavity by using Galerkin finite element, Scientific Reports 12 2302.	Q1 2022
17	SM Hussain, W Jamshed, EK Akgul dan NAAM Nasir (2021) Mechanical improvement in solar aircraft by using tangent hyperbolic single-phase nanofluid, Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering 1-17	Q2 2021
18	W Jamshed, NAAM Nasir , MA Qureshi, F Shahzad, R Banerjee, MR Eid, KS Nisar dan S Ahmad (2021) Dynamical irreversible processes analysis of Poiseuille magneto-hybrid nanofluid flow in microchannel: A novel case study, Waves in Random and Complex Media Doi: 10.1080/17455030.2021.1985185	Q1 2021
19	W Jamshed, D Baleanu, NAAM Nasir , F Shahzad, KS Nisar, M Shoaib, S Ahmad dan KA Ismail (2021) The improved thermal efficiency of Prandtl-Eyring hybrid nanofluid via classical Keller box technique, Scientific Reports 11 23535	Q1 2021
20	F Redouane, W Jamshed, SSU Devi, M Prakash, KS Nisar, NAAM Nasir , MM Khashan, IS Yahia dan MR Eid (2021) Galerkin finite element study for mixed convection (TiO ₂ -SiO ₂ /water) hybrid-nanofluidic flow in a triangular aperture heated beneath, Scientific Reports 11 22905.	Q1 2021
21	MZH Supian, NAAM Nasir dan A Ishak (2021) Stagnation point flow and heat transfer over an exponentially stretching/shrinking riga plate with effects of radiation and heat source/sink, Magnetohydrodynamics 57(3) 405-416.	Q3 2021
22	W Jamshed, NAAM Nasir , SSPM Isa, R Safdar, F Shahzad, KS Nisar, MR Eid, A Abdel-Aty dan IS Yahia (2021) Thermal growth in solar water pump using Prandtl-Eyring hybrid nanofluid: a solar energy application, Scientific Reports 11 18704.	Q1 2021

23	W Jamshed, MR Eid, KS Nisar, NAAM Nasir , A Edacherian, CA Saleel dan V Vijayakumar (2021) A numerical frame work of magnetically driven Powell- Eyring nanofluid using single phase model, Scientific Reports 11 16500.	Q1 2021
24	W Jamshed, MR Eid, NAAM Nasir , KS Nisar, A Aziz, F Shahzad, CA Saleel dan A Shukla (2021) Thermal examination of renewable solar energy in parabolic trough solar collector utilizing Maxwell nanofluid: A noble case study, Case Studies in Thermal Engineering 27 101258.	Q1 2021
25	W Jamshed, W Al-Kouz dan NAAM Nasir (2021) Computational Single Phase Comparative Study of Inclined MHD In Powell-Eyring Nanofluid, Heat Transfer 50(4) 3879-3912.	Q2 2021
26	NAAM Nasir , A Ishak, I Pop, FAA Shukri dan NA Manaf (2020) EFFECTS OF CONVECTIVE BOUNDARY CONDITIONS, RADIATION, AND HEAT TRANSFER ON MAGNETOHYDRODYNAMIC STAGNATION POINT NANOFLUID FLOW PAST A STRETCHING/SHRINKING SHEET, Journal of Solid State Science and Technology 28(1 & 2) 25-41.	Google Scholar 2020
27	NS Yusof, SK Soid, MR Illias, ASA Aziz dan NAAM Nasir (2020) Radiative Boundary Layer Flow of Casson Fluid Over an Exponentially Permeable Slippery Riga Plate with Viscous Dissipation, Journal of Advanced Research in Applied Sciences and Engineering Technology 21(1) 41-51. Google scholar	Google Scholar 2020
28	NAAM Nasir , A Ishak dan I Pop. (2020) Magnetohydrodynamic Flow and Heat Transfer Induced by a Shrinking Sheet, <i>Mathematics</i> 8 1175. Q1	ISI (Q1) 2020
29	NAAM Nasir , A Ishak dan I Pop. (2019) MHD Stagnation-Point Flow of a Nanofluid Past a Stretching Sheet with a Convective Boundary Condition and Radiation Effects, <i>Applied Mechanics and Materials</i> 892 168-176. (Google scholar) Q4	Google Scholar (Q4) 2019
30	NAAM Nasir , A Ishak dan I Pop. (2019) Stagnation point flow and heat transfer past a permeable stretching/shrinking Riga plate with velocity slip and radiation effects, <i>Journal of Zhejiang University-SCIENCE A (Applied Physics & Engineering)</i> 20(4) 290-299.	SCOPUS (Q1) 2019 IF: 1.369
31	NAAM Nasir , A Ishak and I Pop (2017) Stagnation-point flow and heat transfer past a permeable quadratically stretching/shrinking sheet, <i>Chinese Journal of Physics-Taipei</i> 55(5) :2081-2091	SCOPUS (Q1) 2017 IF: 2.544

32	NAAM Nasir , A Ishak and I Pop (2017) Stagnation-point flow past a permeable stretching/shrinking sheet, <i>Advanced Science Letter</i> 23(11) :11040	SCOPUS (Q3) 2017
33	ZB Ibrahim, NAAM Nasir , KI Othman and N Zainuddin (2017) Adaptive order of block backward differentiation formulas for stiff ODEs, <i>Numerical Algebra, Control and Optimzation</i> 7(1) :95-106	SCOPUS (Q3) 2017
34	KI Othman, ZB Ibrahim, NAAM Nasir , and MB Suleiman (2013) Componentwise partitioning using multistep block method for solving ordinary differential equations, <i>Advanced Science Letter</i> 19(8) :2473-2476	SCOPUS (Q3) 2013
35	NAAM Nasir , ZB Ibrahim, KI Othman and MB Suleiman (2012) Numerical solution of first order block backward differentiation formulas, <i>Sains Malaysiana</i> 41(4) :489-492	SCOPUS (Q2) 2012 IF: 0.540
36.	ZB Ibrahim, MB Suleiman and NAAM Nasir (2011) Convergence of the 2-point block backward differentiation formulas, <i>Applied Mathematical Sciences</i> 5(70) :3473-3480	SCOPUS (Q4) 2011
37.	NAAM Nasir , ZB Ibrahim, KI Othman and MB Suleiman (2011) Fifth order two-point block backward differentiation formulas for solving ordinary differential equations, <i>Applied Mathematical Sciences</i> 5(71) :3505-3518	SCOPUS (Q4) 2011
38.	NAAM Nasir , ZB Ibrahim, MB Suleiman, YF Rahim and KI Othman (2011) Numerical solution of tumor-immune interaction using 2-point block backward differentiation method, <i>International Journal of Modern Physics Conference Series</i> 9 :278-284	Peer-review 2011

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

		<ul style="list-style-type: none"> • National • University
1.	NAAM Nasir , N. Zainuddin, NS Khashiie, A Ishak, and I Pop. Influence of Induced Magnetic Over Stagnation Point Ag-MgO/H ₂ O Hybrid Nanofluid Flow and Heat Transfer Towards Moving Surface, Springer, 444, 447-466.	International

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	WSW Hussin, NAAM Nasir dan A Ishak (2021) The effects of slip and radiation on stagnation point flow and heat transfer past an exponentially stretching/shrinking rigid plate, AIP Conference Proceedings 2423 020008 (Scopus)	International
2.	NAAM Nasir , A Ishak, I Pop and N. Zainuddin (2019) MHD stagnation point flow towards a quadratically stretching/shrinking surface, <i>Journal of Physics: Conference Series</i> 1366 012013 (Scopus) Q3	International
3.	NAAM Nasir , A Ishak, I Pop and N. Zainuddin (2019) MHD stagnation point flow over a permeable stretching/shrinking sheet with a heat sink and radiation effects, <i>AIP Conference Proceedings</i> 2184(1) :060004 (Scopus)	International
4.	NAL Aladdin, N. Bachok and NAAM Nasir (2019) Effect of Thermal Radiation on MHD Stagnation Point Flow over a Shrinking Sheet, <i>Journal of Physics Conference Series</i> 1366 :012050 (Scopus) Q3	International
5.	NAAM Nasir , A Ishak and I Pop (2018) Axisymmetric Powell-Eyring fluid flow over stretching sheet with convective boundary condition and suction effect, <i>AIP Conference Proceedings</i> 1940(1) :020124 (Scopus)	International
6.	NAAM Nasir , ZB Ibrahim, KI Othman and MB Suleiman (2015) Stability of block backward differentiation formulas method, <i>AIP Conference Proceedings</i> 1682(1) :020010 (Scopus)	International

7.	ZB Ibrahim, NAAM Nasir , KI Othman and MB Suleiman (2013) Parallel implementation of fourth order block backward differentiation formulas for solving system of stiff ordinary differential equations, <i>AIP Conference Proceedings</i> 1522(1) :102-109 (Scopus)	International
8.	ZB Ibrahim, NAAM Nasir , KI Othman and MB Suleiman (2011) <i>Proceeding of The 2nd Regional Conference on Applied and Engineering Mathematics 2011, Penang</i> , NA022 :358-362	International
9.	NAAM Nasir , ZB Ibrahim, KI Othman and MB Suleiman (2010) On derivation of fifth order 2-point block backward differentiation formula for solving first order ODEs, <i>Proceedings of 1st Regional Conference on Applied and Engineering Mathematics</i> , Penang 2(17) :257	International

2.3 Presentation:

(Please list in chronological order)

No.	Event	Title of Paper Presented	Role (Keynote Speaker / Invited Speaker / Presenter)	Date	Organizer
1	Simposium Kebangsaan Sains dan Matematik ke 30 (SKSM30)	Numerical Solution Of Emhd Go-Mos2/H2o Hybrid Nanofluid Flow And Heat Transportation Toward Stretching/Shrinking Riga Plate With Radiation And Convective Boundary Condition	Presenter	26 & 27 September 2023	UNIMAP
2	International Conference on Applied & Industrial Mathematics and Statistics (ICoAIMS2023)	Numerical solution of MHD GO-Fe3O4/H2O flow and heat transfer over moving surface with thermal radiation and heat	Invited Speaker	22-24 August 2023	UMP

		absorption/generation impacts			
3	9th International Conference on Research and Education in Mathematics (ICREM9)	Stagnation point flow and heat transfer over an exponentially stretching/shrinking rigid plate with effects of radiation and heat source/sink	Presenter	2-3 August 2021	UPM
4	The International Conference on Mathematical Sciences and Technology (MATHTECH2020)	The effects of slip and radiation on stagnation point flow and heat transfer past an exponentially stretching/shrinking rigid plate	Presenter	8-10 December 2020	USM
5	7 th International Conference on Solid State, Science & Technology (ICSSST2019)	Effects of Convective Boundary Conditions and Heat Transfer On Magnetohydrodynamic Stagnation Point Nanofluid Flow Past a Stretching/Shrinking Sheet	Invited Speaker	11-13 November 2019	UPNM
6.	2nd International Conference on Applied & Industrial Mathematics and Statistics 2019 (ICoAIMS2019)	MHD stagnation point flow towards a quadratically stretching/shrinking surface	Presenter	23- 25 Julai 2019	UMP
7.	International Conference on Mathematical Sciences and Technology (MATHTECH2018)	MHD stagnation point flow over a stretching/shrinking sheet with heat sink and radiation effects	Presenter	10-12/12/2018	USM
8	The 17 th	Axisymmetric Powell-	Presenter	12-	FST, UKM

	Postgraduate Colloquium	Eyring fluid flow over stretching sheet with convective boundary condition and suction effect		13/7/2017	
9.	2 nd International Conference On Computational Science & Engineering (ICCSE2017)	MHD stagnation-point flow of a nanofluid past a stretching sheet with a convective boundary condition and radiation effects	Presenter	29-30/11/2017	UMS
10.	1 st International Conference On Computational Science & Engineering (ICCSE2016)	Stagnation-point flow past a permeable stretching/shrinking sheet	Presenter	28-30/11/2016	UMS
11	Simposium Kebangsaan Sains Matematik ke 22 (SKSM22)	Stability of block backward differentiation formulas method	Presenter	24-26/11/2014	UM
12.	Simposium Kebangsaan Sains Matematik (SKSM20)	Parallel implementation of fourth order block backward differentiation formulas for solving system of stiff ordinary differential equations	Presenter	18-20/12/2012	UKM
13.	2 nd Regional Conference on Applied and Engineering Mathematics (RCAEM-II 2012)	Multi-block backward differentiation formulas for solving stiff ordinary differential equations	Presenter	30-31/5/2012	UNIMAP

14.	International Conference on Mathematical and Computational Biology 2011 (ICMCB 2011)	Numerical solution of tumor-immune interaction using 2-point block backward differentiation method	Presenter	12-14/4/2011	UPM
15.	Simposium Kebangsaan Sains Matematik ke 18 (SKSM 18)	Stability of fifth order BBDF	Presenter	8-10/12/2010	UTHM
16.	1 st Regional Conference on Applied and Engineering Mathematics (RCAEM-I)	On derivation of fifth order 2-point block backward differentiation formula for solving first order ODEs	Presenter	30-31 May 2010	UNIMAP

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.	Anugerah Perkhidmatan Cemerlang	2023	University	UPNM
2.	Bronze Medal	2022	National	Defence, Security and Sustainability Exhibition 2022, UPNM
3.	Golden Hand Award Q1	2019	UNIVERSITY	UPNM
4.	Dean's Gold Award	2012	FACULTY	FACULTY OF SCIENCE, UPM
5.	Gold Medal	2011	UNIVERSITY	Invention, Research And Innovation Exhibition (PRPI), UPM

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.	Internal Auditor UPNM	2021	-	-	2021-2023
2.	AJK New Structure of PAP Curriculum	2020	-	-	2020
3.	Examiner Exam Paper PSPM Subject: Mathematics	2012	-	-	2012-2014
4.	Penggubal soalan Matematik untuk Matrikulasi	2023	-	-	2023

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	Postgraduate Coordinator (Dept. Math)	PAP	2022-2023
2	AJK Happiness Index UPNM	UPNM	2021-2023
3	AJK E-learning PAP	UPNM	2021- 2023
4	Subject Coordinator Mathematics 1 (FMA0116)	Mathematics department, PAP	Sem 1 2021/2022
5.	Assistant Subject Coordinator Mathematics 2	Math depart. , PAP	Sem 2 2020/2021

	(FMA0126)		
6.	Asset Examination Officer	UPNM	2020 - 2023
7.	AJK Mathematics	The New Structure of PAP Curriculum	2020
8.	Subject Coordinator Mathematics 1 (FMA0116)	Mathematics department, PAP	Sem 1 2020/2021
9.	Module Coordinator Mathematics 1 (FMA0116)	Mathematics department, PAP	2020-2021
10.	AJK STEM Coordinator	STEM	2020-2021
11.	Reviewer: Final Question Paper Mathematics II (FMA 0126)	Mathematics department, PAP	Sem 2 2019/2020
12.	Reviewer: Research Article	Malaysian Journal of Analytical Sciences (MJAS)	2020
13.	AJK (Registration)	7 th International Conference on Solid State, Science & Technology Organizing Committee (2019)	2019
14.	AJK Banquet	Hari Akademia 2019	25 October 2019
15.	Secretary Kelab Kebajikan dan Rekreasi Pusat Asasi Pertahanan (KKRPAP)	PAP	2019/2020
16.	Exhibitor at 2 nd National STEM 2019	Centre for Foundation Studies in Science (PASUM)	14-15 August 2019

17.	Internal reviewer: Research Article	PAP	9 August 2019
18.	Academic Advisor KT 13	PAP	Sesi 2019/2020
19.	Research Outcomes & Innovation Incentive Scheme 2018	PPPI, UPNM	2018
20.	AJK Exhibitor	UPNM 9 th Convocation Ceremony 2018	14 November 2018
21.	AJK Social Science Statistics (FMA0164) Module	Mathematics department, PAP	2018
22.	Academic Advisor KT10	PAP	Sesi 2018/2019
23.	LDK Facilitator: Minggu Perkasa Jati Diri 2018/2019	HEPA, UPNM	27 June 2018
24.	Sijil Penghargaan Prestasi Cemerlang	UPNM	2018-2022
25.	Examiner Exam Paper PSPM Subject: Mathematics Sem 1 2014/2015	KPM	7-12 November 2014
26.	Academic Advisor PS4	PAP	Sesi 2014/2015
27.	Perarakan Pensyarah	UPNM 4 th Convocation Ceremony 2014	2014
28.	Examiner Exam Paper PSPM Subject: Mathematics Sesi	KPM	12-17 November 2013

	2013/2014		
29.	Asset Examination Officer	UPNM	2013 – 2014
30.	Reviewer: Research Article	ScienceAsia	2013
31.	Treasurer Kelab Kebajikan dan Rekreasi Pusat Asasi Pertahanan (KKRPAP)	PAP	2013-2014
31.	Final Exam Paper Assessor: Mathematics 1 (FMA0116)	Mathematics department, PAP	Sem 1 2013/2014
32.	Parallel Session Chairperson	Simposium Kebangsaan Sains Matematik ke 20 (SKSM20)	18-20 Disember 2012
33.	Subject Coordinator: Computing II (Numerical Method) (EFC 1203)	FKJ	2012-2014
34.	Excellent Service Award	PAP	2012
35.	Examiner Exam Paper PSPM Subject: Mathematics Sem 1 2012/2013	KPM	10-15 November 2012
36.	AJK Registration	International Conference of Mathematics and Statistics (ICMS 2013)	2012-2013
37.	Paper Reviewer	International Journal of Mathematics and Mathematical Sciences	2012

3.4 Service to the community

(Please list in chronological order)

No.	Organization	Role	Start Date	End Date	Level
1.	Resident Associations Taman Semarang Intan	Member	2021	-	National
2.	Resident Associations Pangsapuri Putra Harmoni	AJK	2014	2020	National
3.	Persatuan Sains Matematik Malaysia (PERSAMA)	Lifetime member	2012	-	International
4.	International Association of Engineers (IAENG)	Lifetime member	2011	-	International
5.	Persatuan Pegawai Akademik UPNM (NADIMASA)	Lifetime member	2012	-	University
6.	Koperasi Universiti Pertahanan Nasional Malaysia Kuala Lumpur Berhad (KUPENA)	Member	2018	-	University
7.	Persatuan Alumni Universiti Putra Malaysia (PAUPM)	Lifetime member	2009	-	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 : NOR AIN AZEANY BINTI MOHD NASIR

Faculty/Department : PUSAT ASASI PERTAHANAN

Date : 30 May 2024

