

Ph.D.

No.	Name of Candidate	Title of Thesis	Supervisor(s)	Year
1.	Leong Siow Hoo	Mixture Model Clustering For Very Large Data Sets	Professor Dr. Ong Seng Huat	2010
2.	Chua Kuan Chin	Statistical Inference for Discrete Distributions under Parameter Orthogonality and Model Misspecification	Professor Dr. Ong Seng Huat	2010
3.	Ong Poh Hwa	On Self-Clique Graphs	Professor Dr. Chia Gek Ling	2010
4.	Ali H.M. ABuZaid	Some Problems of Outliers in Circular Data	Assoc. Prof. Dr. Ibrahim Bin Mohamed Assoc. Prof. Dr. Abdul Ghapor Bin Hussin	2010
5.	Ng Choung Min	Statistical Modeling and Inference for A Class of Bivariate and Related Distributions	Professor Dr. Ong Seng Huat	2010
6.	Chan Phooi M'ng	Development of Algorithm Professional Trading System Using A New Technical Indicator – ABZ: A Study On Futures Markets	Assoc. Prof. Dr. Ibrahim Bin Mohamed Dr. Noor Azlinna Binti Azizan	2011
7.	Ewedafe Simon Uzezi	Parallel And Distributed Simulation Of Telegraphic Equations	Professor Dr. Kurunathan A/L Ratnavelu Assoc. Prof. Dr. Noor Hasnah Binti Moin First Supervisor- Assoc. Prof. Dr. Rio Hirowati Binti Shariffudin	2011
8.	Pan Wei Yeing	Approximate Ruin Probabilities Under a Class of Risk Processes	Professor Dr. Pooi Ah Hin Dr. Lim Ming Hian	2011
9.	Wu Swee Leng	Statistical Inference In Logistic Regression Models	Professor Dr. Pooi Ah Hin	2011
10.	Fam Pei Shan	New Methods for Binary and Multicategory Data	Professor Dr. Pooi Ah Hin Assoc. Prof. Dr. Abdul Ghapor Bin Hussin	2011

11.	Beh Woan Lin	Pricing of American Call Options Using Simulation and Numerical Analysis	Professor Dr. Pooi Ah Hin Assoc. Prof. Dr. Goh Kim Leng	2012
12.	Norzihani Binti Yusof	Simulation of Lithium-Ion Cell Performance Using Finite Difference Method	Professor Dr. Abdul Kariem Bin Arof Assoc. Prof. Dr. Siti Aishah Binti Hashim Ali	2012
13.	Nurul Sima Binti Mohamad Shariff	Robust Inference in Panel Data Model	Professor Dr. Nor Aishah Binti Hamzah Professor Dr. Ahmad Zubaidi Bin Baharumshah	2012
14.	S. Sarifah Radiah Binti Shariff	Public Healthcare Facility Planning in Malaysia: Using Location Allocation Models	Assoc. Prof. Dr. Mohd Bin Omar Assoc. Prof. Dr. Noor Hasnah Binti Moin	2012
15.	Sim Shin Zhu	A Distribution Arising From a Random Walk on the Plane	Professor Dr. Ong Seng Huat	2012
16.	Siti Suzlin Binti Supadi	The Integrated Inventory and Production Planning for Time-Varying Demand Process	Assoc. Prof. Dr. Mohd Bin Omar	2012
17.	Soo Huei Ching	Queue Length and Waiting Time Distributions in A System of M Dependent Queues	Professor Dr. Pooi Ah Hin Assoc. Prof. Dr. Nik Ahmad Kamal	2012
18.	Chang Yun Fah	A Statistical Performance Indication in Some Image Processing Problems	Assoc. Prof. Dr. Omar Bin Mohd Rijal Assoc. Prof. Dr. Syed Abdul Rahman Bin Syed Abu Bakar	2012
19.	Azam Pirmoradian	A New One Parameter Family of Archimedean Copula And Its Extensions	Professor Dr. Nor Aishah Binti Hamzah	2013
20.	Khor Chia Ying	Pricing of Interest Rate Derivatives	Dr. Ng Kok Haur Professor Dr. Pooi Ah Hin@ Poi Yin Siak (Sunway University)	2013
21.	Koh Siew Khew	Maintenance of Deteriorating Non-Exponential Single Server Queue	Dr. Ng Kok Haur Professor Dr. Pooi Ah Hin@ Poi Yin Siak (Sunway University)	2013
22.	Lee Chan Lye	On Crossing Numbers and Skewness of Graphs	Professor Dr. Chia Gek Ling	2013

23.	Liew Kian Wah	Probabilistic Properties and Statistical Inference for A Family of Generalised and Related Distributions	Professor Dr. Ong Seng Huat	2013
24.	Mastora Jaber Saad	A Study on Oscillatory Nonlinear Ordinary Differential Equations of Second Order	Dr. Kumaresan Nallasamy Professor Dr. Kurunathan A/L Ratnavelu	2013
25.	Md. Sabiruzzaman	Conditional Heteroscedasticity, External Events and Application of Wavelet Filters in Financial Time Series	Professor Dr. Nor Aishah Binti Hamzah	2013
26.	Norhasimah Binti Mahiddin	Mathematical Model of Tumour Growth via Adomian Decomposition and Homotopy Perturbation Methods	Assoc. Prof. Dr. Siti Aishah Binti Hashim Ali (OPEN University)	2013
27.	Nur Arina Bazilah Binti Aziz	Application of Metaheuristic in Inventory Routing Problems	Assoc. Prof. Dr. Noor Hasnah Binti Moin	2013
28.	Pee Chih Yang	Formulation of Invariants for Discrete Orthogonal Moments and Image Classification	Professor Dr. Ong Seng Huat	2013
29.	Rashidah Binti Omar	Properties of Analytic and Harmonic Functions	Professor Dr. Suzeini Binti Abd Halim	2013
30.	Safwati Binti Ibrahim	Some Outlier Problems in A Circular Regression Model	Assoc. Prof. Dr. Ibrahim Bin Mohamed Professor Dr. Abdul Ghapor Bin Hussin (UPNM)	2013
31.	Mohd Izhan Bin Mohd Yusoff	Fraud Detection in Telecommunication Using Pattern Recognition Method	Assoc. Prof. Dr. Ibrahim Mohamed Assoc. Prof. Dr. Mohd Rizam Bin Abu Bakar (UPM)	2014
32.	Samaneh Gholizadeh Hamidi (IRAN)	Coefficient Estimates for Classes of Bi-Univalent Functions	Professor Dr. Suzeini Binti Abdul Halim	2014
33.	Somayeh Nikmanesh (IRAN)	On Mixed Poisson Distributions with Applications on Insurance Claim Data	Professor Dr. Nor Aishah Binti Hamzah	2014
34.	Joshua Tan Juat Huan	Some Rank Preserver Problems on Matrix Spaces	Professor Dr. Lim Ming Huat	2014
35.	Qua Kiat Tat	Weakly Clean and Related Rings	Professor Dr. Angelina Chin Yan Mui	2015

36.	Mohd Zahurin Bin Mohamed Kamali	A Study on Solution of Matrix Riccati Differential Equations Using Ant Colony Programming and Simulink	Dr. Kumaresan Nallasamy Professor Dr. Kurunathan A/L Ratnavelu	2015
37.	Adzhar Bin Rambli	A Half-Circular Distribution and Outlier Detection Procedures in Directional Data	Professor Dr. Ibrahim Bin Mohamed Professor Dr. Abdul Ghapor Bin Hussin (UPNM)	2015
38.	Quek Shio Gai	Engel Conditions in Certain Groups	Dr. Wong Kok Bin Professor Dr. Wong Peng Choon	2015
39.	Shahril Bin Simon	Multi Factor Equity Model for Shariah Investment	Professor Dr. Mohd bin Omar	2015
40.	Khoo Wooi Chen	Statistical Modelling of Time Series of Counts for a New Class of Mixture Distributions	Professor Dr. Ong Seng Huat Professor Dr. Atanu Biswas	2016
41.	Lim Fong Peng	Stastical Appraisal in Solving Some Medical Problems	Assoc. Prof. Dr. Ibrahim Bin Mohamed Assoc. Prof. Dr. Noorizam Bin Daud (UiTM) Assoc. Prof. Dr. Nur Aishah Binti Mohd. Taib (Faculty of Medicine, UM)	2016
42.	Low Yeh Ching	Some Families of Count Distributions for Modelling Zero-Inflation and Dispersion	Professor Dr. Ong Seng Huat	2016
43.	Mastoureh Maghsoudi	Modeling Loss Data with Composite Models	Professor Dr. Nor Aishah Binti Hamzah Dr. Shaiful Anuar Bin Abu Bakar	2016
44.	Ng Wei Shean	Generalised Classical Adjoint-Commuting Mappings on Matrix Spaces	Assoc. Prof. Dr. Chooi Wai Leong	2016
45.	Niranjan Hari	MHD Mixed Convection Stagnation Point Flow of a Chemically Reacting Fluid Over a Plate in a Porous Medium with Radiation	Dr. Sivanandan Sivasankaran Dr. Zailan Bin Siri	2016
46.	Norli Anida Binti Abdullah	Statistical Method in Analyzing the Shape of Maxillary Dental Arches for Dental Applications	Assoc. Prof. Dr. Omar Bin Mohd Rijal Assoc. Prof. Dr. Zakiah Binti Mohd Isa	2016

47.	P Rajesh Kumar A/L K Parameswaran Nair	A Study of Analytical Solutions to the Bound State Problem in Non-Relativistic Quantum Mechanics	Professor Dr. Bernardine R. Wong Cheng Kiat	2016
48.	Ruhaila Binti Md Kasmani	Numerical Study on Convective Boundary Layer Flpw and Heat Transfer of Nanofluid Over a Wedge	Dr. Zailan Bin Siri Dr. Sivanandam Sivasankaran	2016
49.	Abdalqader Mahmoud Albalqader Mustafa	Geometry of Warped Product Submanifolds of Riemanniah Manifolds	Dr. Loo Tee How Professor Dr. Bernardine R. Wong Cheng Kiat	2016
50.	Cheong Huey Tying	Numerical Study on Natural Convection in Enclosures With Different Geometries	Dr. Zailan Bin Siri Dr. Sivanandam Sivasankaran	2017
51.	Akram Ali	Geometric Aspects of Riemanniam Submanifolds and their Warped Products	Assoc. Prof. Dr. Wan Ainun Binti Mior Othman Dr. Siraj Uddin (Assistant Professor)	2017
52.	Nurul Najihah Binti Mohamad	Inferences for Integer-Valued Time Series Models	Professor Dr. Ibrahim Bin Mohamed Professor Dr. Mohd Sahar Bin Yahya Professor Dr. Aerambamoorthy Thavaneswaran	2017
53.	Yasaman Izadparast Shirazi	Entropy in Portfolio Optimization	Professor Dr. Nor Aishah Binti Hamzah	2017
54.	Tey Siew Kian	Enhancing Cooperation in Non-Linear Systems in Game Theory	Assistant Professor Dr. Yap Yee Jiun Professor Dr. Bernardine Renaldo Wong Cheng Kiat	2017
55.	Manikandan M.	State Estimation and Synchronization of Fuzzy Neural Networks with Time Delays	Professor Dr. Kurunathan A/L Ratnavelu	2018
56.	Maha AbdulJabbar Mohammed	Modified Finite Difference Method Using Random Sampling For Nonlinear Epidemic Model	Dr. Noor Fadiya Binti Mohd Noor Dr. Zailan Binti Siri Dr. Adriana Irawati Nur Binti Ibrahim	2018

57.	Amin Oroji	Mathematical Modeling of the Tumor Cells Population Dynamics in Breast Cancer	Professor Dr. Mohd Bin Omar Dr. Ivy Chung Dr. Shantia Yarahmadian	2018
58.	Chin Jia Hou	Community Structure and Detection in a Network	Professor Dr. Kurunathan A/L Ratnavelu	2018
59.	Lily Wong	Modified Ant Colony Optimization Algorithms for Deterministic and Stochastic Inventory Routing Problems	Professor Dr. Nor Aishah Bin Hamzah	2018
60.	Nor Artisham Binti Che Ghani	Extended Haar Wavelet Quasilinearization Method for Solving Boundary Value Problems	Dr. Zailan Bin Siri	2018
61.	Sim Kai An	Lazy Gop Number and Other Related Graph Parameters	Assoc. Prof. Dr. Wong Kok Bin Dr. Tan Ta Sheng	2018
62.	Melody Tan Shi Ai	Character Network Analysis of Two Science Fictio Series-Stargate and Star Trek	Professor Dr. Kurunathan A/L Ratnavelu	2018
63.	Huda Zuhrah Binti Ab Halim	Deterministic and Stochastic Inventory Routing Problems with Backorders Using Artificial Bee Colony	Assoc. Prof. Dr Noor Hasnah Binti Moin Professor Dr. Nor Aishah Binti Hamzah	2019
64.	Nadhirah Binti Abdul Halim	Stagnation Point Flow of Non-Newtonian Nanofluids with Active and Passive Controls of Nanoparticles	Dr. Noor Fadiya Binti Mohd Noor	2019
65.	Adaraniwon Amos Olalekan	Inventory Models for Deteriorating Items with Power Pattern Demand Rate	Professor Dr. Mohd Bin Omar	2020
66.	Ayinla Ally Yeketi	Mathematical Modelling of the Tuberculosis Epidemiology	Assoc. Prof. Dr. Wan Ainun Binti Mior Othman	2020
67.	Lim Hui Min	Conjugacy Separability and Cyclic Conjugacy Separability of Certain HNN Extensions, Generalised Free Products and Tree Products	Professor Dr. Wong Peng Choon Assoc. Prof. Dr. Wong Kok Bin	2020
68.	Mir Asma	Optical Soliton Perturbation with Quadratic-Cubic Nonlinearity	Assoc. Prof. Dr. Wan Ainun Binti Mior Othman	2020
69.	Sayyedah Abdullah Qasem Saeed (17042034/2)	A Study of Fluid Flow Problem in A Nanofluid in Differentially Heated Cavity Having an Adiabatic Block	Prof. Dr. Wan Ainun Binti Mior Othman Associate Prof. Dr. Zailan Bin Siri	2020
70.	Tan Shay Kee (17009900/3)	Robust Volatility Measures and Multivariate Models for Volatilities and Returns with Financial Applications	Associate Prof. Dr. Ng Kok Haur Prof. Dr. Ibrahim Bin Mohamed	2021

71.	Fatin Nabila Binti Abd Latiff (17019864/4)	Chaos Synchronization and Cryptography for Secure Communications	Prof. Dr. Wan Ainun Binti Mior Othman	2021
72.	Nurul Aityqah Binti Yaacob (17035460/1)	Mortality Modelling and Forecasting: The Lee-Carter Model and Its Extensions	Dr. Dharini A/P Pathmanathan Prof. Dr. Ibrahim Bin Mohamed	2021
73.	Sanaullah (17036590/1)	Numerical Solution of Differential Equations Over Randomly Generated Finite Difference Meshes	Prof. Dr. Wan Ainun Binti Mior Othman	2021
74.	Tan Li Yin (17039360/4)	Commuting Additive Maps and Some Related Maps on Triangular Matrices	Associate Prof. Dr. Chooi Wai Leong Dr. Kwa Kiam Heong	2021
75.	Habu Peter Ngbo (17051529/1)	Magnetohydrodynamics Nanofluid Flow in A Porous Medium Between Two Rotating Stretchable Disks with Cattaneo-Christov Heat Flux	Associate Prof. Dr. Zailan Bin Siri Associate Prof. Dr. Noor Fadiya Binti Mohd Noor	2022
76.	Okundalaye Oluwaseun Olumide (17198427/1)	An Optimal Homotopy Asymptotic Method for Finding Solutions of Non-Linear Fractional Mathematical Models	Prof. Dr. Wan Ainun Binti Mior Othman	2022
77.	Muhammad Solleh Bin Asmadi (17036152/4)	Natural Convection Heat Transfer Analysis of Copper-Alumina/Water Hybrid Nanofluid in A U-Shaped Enclosure	Associate Prof. Dr. Zailan Bin Siri Dr. Ruhaila Binti Md. Kasmani	2022
78.	Nur Fadhilah Binti Mohd Shari (17043169/2)	Blockchain-Based Decentralized Data Dissemination in Smart Cities	Dr. Amizah Binti Malip Prof. Dr. Wan Ainun Binti Mior Othman	2022
79.	Wang Kah Lun (17136704/2)	Complete Decompositions of Groups and Related Problems	Prof. Dr. Angelina Chin Yan Mui Prof. Dr. Wong Kok Bin	2022
80.	Robiaatul Adawiah Binti Edrus (17201603/1)	A Study of Mortality Rate and Its Impact on Malaysian Government Pension Scheme	Dr. Mohd Azmi Bin Haron Dr. Muhammad Aslam Bin Mohd Safari (UPM) Associate Prof. Dr. Zailan Bin Siri	2023
81.	Mohammed K. A. Kaabar (S2034973/1)	Novel Contributions to Fractional Calculus: Computational Methods and Analysis	Associate Prof. Dr. Zailan Bin Siri	2023
82.	Nurul Aityqah Binti Yaacob (17035460/1)	Mortality Modelling and Forecasting: The Lee-Carter Model and its Extensions	Dr. Dharini A/P Pathmanathan Prof. Dr. Ibrahim Bin Mohamed	2023
83.	Tan Li Yin (17039360/4)	Commuting Additive Maps and Some Related Maps on Triangular Matrices	Associate Prof. Dr. Chooi Wai Leong Dr. Kwa Kiam Heong	2023
84.	Nur Fatihah Binti Mohd Ali (17035746/2)	Identifying Spatial Outliers in Multivariate Data and Comparisons Between Classical and Functional Data Analysis	Prof. Dr. Ibrahim Bin Mohamed Associate Prof. Dr. Rossita Binti Mohamad Yunus	2024

			Professor Ir. Dr. Faridah Binti Othman (Faculty of Engineering)	
85.	Dineswary A/P Nadarajan (17055928/2)	Maritime Transportation System, Economy Distribution and Seaport Network Efficiency Using Fuzzy Data Envelopment Analysis with Clustering Approach	Associate Prof. Dr. Noor Fadiya Binti Mohd Noor	2024
86.	Li Hongxiang (17221472/1)	On Two New Perspectives in The Statistical Modelling Of RNA-Seq Data	Associate Prof. Dr. Khang Tsung Fei	2024
87.	Aneesha Pillay A/P Balachandran Pillay (17043604/3)	On Some Methods of Feature Engineering Useful for Craniodental Morphometrics of Rats, Shrews and Kangaroos	Dr. Dharini A/P Pathmanathan Associate Prof. Dr. Hasmahzaiti Binti Omar (ISB) Dr. Arpah Binti Abu (ISB) Prof. Dr. Sophie Dabo-Niang Université De Lille, (Siège)	2024
88.	Lok Yi Wens (S2113414/1)	Optimal Inventory Models for Imperfect and Deteriorating Items with Carbon Emission Considerations	Dr. Siti Suzlin Binti Supadi Prof. Dr. Wong Kok Bin	2024