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ACADEMIC QUALIFICATIONS	:	• Postdoctoral, INSPEM, UPM (2022-2023) • PhD, University of Leicester, United Kingdom (2019) • Master of Science (By Research), Universiti Teknologi MARA (UiTM) Shah Alam, Malaysia (2010) • BSc (Hons). Mathematics, Universiti Teknologi MARA (UiTM) Shah Alam, Malaysia (2007) • Diploma in Science, Universiti Teknologi MARA (UiTM) Arau, Perlis, Malaysia (2004)
TEACHING MODULES	:	• MAT769 – Dissertation (Master) • MAT633 - Fuzzy Set Theory (Bachelor Degree) • MAT571 - Real Analysis (Bachelor Degree) • MAT435 - Calculus For Engineers (Bachelor Degree) • MAT423 - Linear Algebra (Bachelor Degree)
ACADEMIC MANAGEMENT/ COMMITTEE	:	• Postgraduate Coordinator (CS773), FSKM (Sept 2021 – current) • Associate Member of Ethics UiTM (Sept 2021 – current) • Internal Auditor, FSKM (2019 – current) • Committee, Getz Fund, PJI, FSKM (March 2022 – current) • Research and Publication Committee, Mathematics Department, FSKM (2019 – current) • EXCO PPM (2021 – current) • PIC, FERC FSKM (2019 – current) • Editor, Mathematics Letter (April 2022 – current) • Curriculum Revised Committee (IQA04), FSKM (Sept 2021 – March 2022) • Committee, Publish to Glory, PJI, FSKM (Feb 2021 – Jan 2022) • Editorial Board, Malaysian Journal of Computing, FSKM (2019 – 2021) • Coordinator, Master Dissertation (MAT769), Mathematics Department, FSKM (2020 – 2021).

RESEARCH GRANTS	:	• The Prof. Yoo Hang Kim Young Women Scientists Award 2023, The Association of Academies and Societies of Sciences in Asia (AASSA), International Travel Grant, USD2000. • A Novel Hesitant Fuzzy Dematel-ISM Model For Food and Beverages Halal Certification Barriers Among Small Medium Enterprise (SMEs) in Negeri Sembilan, Geran MyRA Lepasan PhD, UiTM, RM50 000, 2022-2024 (Member). • A New Social Network Analysis and Influence Based Methodology for Consensus Group Decision-Making Model, Geran Khas UiTM, RM20 000, 2020-2023 (Leader) • A Fuzzy Approach to Assessment of Difficulties on ODL Based Teaching and Learning of Mathematics, Professor Grant UiTM, RM10 000, 2021-2022 (Member) • Integrated Fuzzy Autocatalytic Set and Potential Method: A Modified Tool for Multi Criteria Decision Making, Geran Khas UiTM, RM20000, 2020-2023 (Member) • Modified Algorithm for Robust Image Watermarking Using Hybrid of 2D-DCT and Elgamal Cryptosystem, FRGS-RACER, RM51200, 2019-2023 (Leader) • A Group Decision Making Model With Multi-Granular Linguistic Information Using Consistent Fuzzy Preference Relations, FRGS, RM57 000, 2012-2014 (Leader) • Fuzzy RSA Cryptosystem, RIF, RM32 000, 2012-2014 (member)
POSTGRADUATE SUPERVISIONS	:	• Qaiyyum Hafizi Hasnan (Co-supervisor: Master By Research) – Hesitant Fuzzy Multicriteria Decision Making Model for the Performance of Microfinance Institutions in the Event of a Covid-19 Pandemic. • Afiqah Sofiya Zaid (Main supervisor: Master By Research) – Ongoing, Queuing Performance Of Supermarket Based On Left-Right (L-R) Fuzzy Numbers With Confidence Interval. • Nurul Hanan Anuar (Co-supervisor: Master By Research) – Ongoing, Designing Interpretable Hierarchical Fuzzy Systems. • Nurul Faqihah Zulkifli (Main supervisor: Master By Research) – Ongoing, Influence-Based Consensus Group Decision Making Model and Its Application. • Nurul Atiqah Ahmad Shamudin (Main supervisor: Master Dissertation) – Completed (Aug 2022), Visualisation Of Cause-Effect In Preference Similarity Network Group Decision Making Model. • Amirah Nabilah Sedek Abu Bakar Sedek (Main supervisor: Master Dissertation) – Completed (Feb 2022), Similarity-Influence Network Group Decision Making Model. • Radhiah Omran (Main supervisor: Master Dissertation) – Completed (Aug 2021), Criteria Weights Determination In Preference Similarity Based Group Decision-Making Model. • Wan Syahimi Afiq Wan Ahlim (Main supervisor: Master Dissertation) – Completed (Feb 2021), Similarity-Trust Network Clustering-Consensus Group Decision Making Model. • Nur Syahera Binti Ishak (Main supervisor: Master Dissertation) – Completed (July 2020), Clustering-Based Consensus and Aggregation for Group Decision Making.

- Nurul Fadhila Binti Ahmad Salehin (Main supervisor: Master Dissertation) – Completed (July 2020), Analysis of Lecturers' Expertises using Similarity Network Clustering Based Consensus Group Decision Making.
- Siti Amnah Mohd Ridzuan (Co-supervisor: Master By Research) – Completed (Jan 2017), Hybrid Group Decision Making Method Based On Multi-Granular Information Using Fusion Algorithms And Consistent Fuzzy Preference Relation.
- Saidatull Akma Binti Shaharani (Co-supervisor: Master Dissertation) – Completed (2013), A Decision Making Procedure Using Z-Numbers.
- Nurul Amira Bt Abdul Rahman, (Co-supervisor: Master Dissertation) – Completed (2013), Integration Of Z-AHP And ARAS-Z Method For Evaluation Renewable Energy Preference In Malaysia.
- Nur Syamimi Afandi, (Co-supervisor: Master Dissertation) – Completed (2013), Topsis Decision-Making Model Using Z-Numbers.

THESIS EXAMINER	:	

- Master Thesis (Internal Examiner), UiTM, April 2022: Fuzzy Graph and Laplacian Matrix Approach to Interaction Analysis and Ranking of Sustainable Manufacturing Criteria for Automotive Industry.
- Master Dissertation, Kapargam Academy of Higher Education (KAHE), India & UiTM, March 2022: A New Similarity Measure For Fuzzy Decision-Making Models.
- Master Dissertation, UiTM, Februari 2022: Z-Number-Based Conjoint Analysis Method For Multi-Level Attribute Ratings.
- Master Dissertation, UiTM, Februari 2022: Enhanced Fuzzy Criteria Importance Through Intercriteria Correlation (F-Critic) As Objective Weight Determination For Fuzzy Vikor (F-Vikor).
- PhD (Defense Proposal), UiTM, January 2021: Neutrosophic Set With Confidence Level And Its Application
- Master Dissertation, UiTM, January 2021: Fuzzy Combinative Distance-Based Assessment (CODAS) Variants for Solving Multi-Criteria Decision-Making Problems.
- PhD (Mock-viva), UiTM, October 2020: Relative Complexity Index for Decision-Making Method and A Simplified Multi-Granular Linguistic Term Sets Method
- Master Dissertation, UiTM, January 2020: Logistics Service Provider Selection using Alpha-cut Based Hybrid Fuzzy Multiple Criteria Decisions.
- Master Dissertation, UiTM, January 2020: Analysis of the Hybrid of Fuzzy Best-Worst method and Fuzzy TOPSIS for Ranking of Airline Selection in Malaysia based on Criteria Weight Determination.
- PhD (Defence Proposal), UiTM, November 2019: The Bound of Logarithmic Coefficients for Generalized Class of Close-to-Convex Functions.
- Master Dissertation, UiTM, July 2019: A Hybrid Rule Based MCDM Method with Reliability Factor for Takaful Operator Selection.
- Master Dissertation, UiTM, July 2018: Variation Coefficient Fuzzy Similarity Measure for Decision Making Model.

| **PUBLICATIONS** | : | • Abu Bakar Sedek, A. N. S., Kamis, N. H., Kadir, N. A., Mohamad, D., & Chiclana, F. (2022). Social Influence in Fuzzy Group Decision Making with Applications. In *International Conference on Intelligent and Fuzzy Systems* (pp. 272-279). Springer, Cham. |

- Abu Bakar Sedek, A. N. S., Kamis, N. H., Kadir, N. A., Mohamad, D., & Chiclana, F. (2022). Social Influence in Fuzzy Group Decision Making with Applications. In *International Conference on Intelligent and Fuzzy Systems* (pp. 272-279). Springer, Cham.
- Wan Ahlim, WSA, Kamis, NH, Sayed Ahmad, SA, Chiclana, F. Similarity–trust network for clustering-based consensus group decision-making model. Int J Intell Syst. 2022; 1-16. (Q1).
- Nur Syahera Ishak, NH Kamis (2020). Preference Similarity Network Clustering Consensus Group Decision Making Model In Analysing Consumers' Reviews And Selecting Samples of Product, Malaysian Journal Of Computing, 5 (2), page 635 - 641.
- NH Kamis, F Chiclana, J Levesley (2019). *An Influence-Driven Feedback System For Preference Similarity Network Clustering Based Consensus Group Decision Making Model*, Information Fusion 52, page 257-267. (Q1)
- NH Kamis (2019). Consistent Preference Similarity Network Clustering and Influence Based Consensus Group Decision Making, University of Leicester, UK (PhD Thesis).
- NH Kamis, F Chiclana, J Levesley (2018). Geo-uninorm Consistency Control Module For Preference Similarity Network Hierarchical Clustering Based Consensus Model, Knowledge-Based Systems 162, page 103-114. (Q1)
- NH Kamis, F Chiclana, J Levesley (2018). *Preference Similarity Network Structural Equivalence Clustering Based Consensus Group Decision Making Model*, Applied Soft Computing 67, page 706-720. (Q1)
- Kamilah Abdullah, Sumarni Abu Bakar, Nor Hanimah Kamis, Hardi Aliamis, RSA Cryptosystem With Fuzzy Set Theory For Encryption And Decryption, AIP Conference Proceedings 1905, 030001 (2017).
- Daud Mohamad, Saidatull Akma Shaharani, Nor Hanimah Kamis, Ordering of Z-numbers, AIP Conference Proceedings 1870, 040049 (2017).
- Daud Mohamad, Nur Syamimi Afandi, Nor Hanimah Kamis, Strategic Planning Decision Making Using Fuzzy SWOT-TOPSIS With Reliability Factor, AIP Conference Proceedings 1682, 030002 (2015).
- Daud Mohamad, Saidatull Akma Shaharani, Nor Hanimah Kamis, A Z-Number-Based Decision Making Procedure With Ranking Fuzzy Numbers Method, AIP conference proceedings 1635, page 160-166 (2014).
- Siti Amnah Mohd Ridzuan, Daud Mohamad, Nor Hanimah Kamis, Consistent Linguistic Fuzzy Preference Relations Method With Ranking Fuzzy Numbers, AIP Conference Proceedings 1635, page 209-216 (2014).
- Noraimi Azlin Mohd Nordin, Herniza Md Tahir, Nor Hanimah Kamis, Nurul Nisa' Khairul Azmi, Students' Perception And Relationship Between Confidence And Anxiety In Teaching And Learning Mathematics: A Case Study In Sekolah Kebangsaan Bukit Kuda, Klang, AIP Conference Proceedings 1522, page 396-399 (2013).
- Nor Hanimah Kamis, Kamilah Abdullah, Muhammad Hazim Zulkifli, Shahrazali Sahlan, Syaizzal Mohd Yunus, Fuzzy Weighted Average Based On Left And Right Scores In Malaysia Tourism Industry, AIP Conference Proceedings 1522, page 766-772 (2013).

- Herniza Md Tahir, Nor Hanimah Kamis, Nor Afiqah Ramli, Ummu Taqiah Bahari, Nur Liana Mohd Anoar, Criteria Weights Determination In Choosing Mathematics Programme Based On Consistent Fuzzy Preference Relations—A Case Study, IEEE Colloquium on Humanities, Science and Engineering (CHUSER), page 694-698.
- Nor Hanimah Kamis, Kamilah Abdullah, Nor Aishah Md Noh, Nurul Akmar Abu Bakar, Rabiatutadawiah Mohd Saad, Siti Zuliani Saat, Centroid Method In Fuzzy Linprera: A Case Study Of UiTM, Shah Alam, IEEE Colloquium on Humanities, Science and Engineering (CHUSER), page 544-548 (2012).
- Nor Hanimah Kamis, Daud Mohamad, Nor Hashimah Sulaiman, Kamilah Abdullah, Ihsan Ibrahim, An Integrated Fuzzy Approach To Solving Multi-Criteria Decision Making Problems, IEEE Symposium on Humanities, Science and Engineering Research, page 1591-1596 (2012).
- Nor Hanimah Kamis, Kamilah Abdullah, Halimah Mohamed, Syazwana Sudin, Wan Zarith Asma Wan Ishak, Decision Making Models Based On Consistent Fuzzy Preference Relations With Different Defuzzification Methods, IEEE Colloquium on Humanities, Science and Engineering, page 845-850 (2011).
- Nor Hanimah Kamis, Daud Mohamad, Nor Hashimah Sulaiman (2010), From Fuzzy Theory To Applications, UPENA UiTM (Book Chapter).
- Nor Hanimah Kamis, Daud Mohamad, Nor Hashimah Sulaiman (2010). An Improved Consistent Fuzzy Linguistic Preference Relation For Selection Problems, Australian Journal of Basic and Applied Sciences 4 (5), page 826-834.

PROFESSIONAL CONTRIBUTIONS	:	

- Guest Editor, Mathematics (Q1), MDPI, March 2023.
- Reviewer, IEEE Transactions on Cybernetics (2023)
- Reviewer, Artificial Intelligence Review (AIRE) – 2023
- Technical Committee, The 5th International Science, Technology and Engineering Conference - Computer Sciences and Quantitative Analytics (ISTEC-CoSQA), 2023.
- Internal Evaluator, Fundamental Research Grant Scheme (FRGS), Ministry of Higher Education, Malaysia.
- Reviewer, Fuzzy Sets and Systems (2021)
- Facilitator, Optimizing FYP Into Journal Workshop, UiTM Perlis (March 2021)
- Reviewer, International Joint Conference (IJC2021) - International Conference on Mathematics, Statistics and Computing Technology (ICMSCT2021)
- Reviewer, Transactions on Fuzzy System (2020)
- Reviewer, Artificial Intelligence Review (AIRE) – 2020
- Reviewer, Fuzzy Sets & System (2019)
- Reviewer, IEEE Transactions on Cybernetics (2019)
- Reviewer, IEEE Transactions on Computational Social Systems (2019)
- Committee member, IEEE conference (SHUSER 2012)
- Committee member, IEEE conference (CHUSER 2012)

AWARDS	:	• Excellent Service Award, UiTM, 2021.

- Excellent Service Award, UiTM, 2021.
- Silver award, 4th International Malaysia-Indonesia-Thailand Symposium on Innovation and Creativity (iMITSIC2021).
- Bronze award, 5th International Innovation, Design and Articulation (i-IDEA2021)
- Best Students' Advisor Award, FSKM, 2020
- Special Award, Best Journal Publication (Science Technology and Medicine), Academic University Award (AAU2019).
- Best Journal Publication Award, FSKM, UiTM 2018.
- Bronze award, International Innovation, Design, and Articulation (i-IDEA 2013)
- Successful (Advisor), MCM/ICM 2013, COMAP USA.
- Honorable Mention (Assistant Advisor), MCM/ICM 2012, COMAP USA.
- Best Master Thesis (Honorable Mention) – PERSAMA (2010)