

# DR. SAHIMEL AZWAL BIN SULAIMAN



## Particular

**Address** : Block B1,  
Centre for Mathematical Sciences,  
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## Educational Background

- Level** : Doctor of Philosophy  
**Field of Study** : Mathematics  
**Name of Institution** : Universiti Malaysia Pahang (UMP)  
**Location** : Gambang, Pahang
- Level** : Master's Degree  
**Field of Study** : Statistics  
**Name of Institution** : Universiti Sains Malaysia (USM)  
**Location** : Penang, Malaysia
- Level** : Bachelor's Degree  
**Field of Study** : Mathematics  
**Name of Institution** : Universiti Teknologi Mara (UiTM)  
**Location** : Shah Alam, Selangor
- Level** : Diploma  
**Field of Study** : Statistics  
**Name of Institution** : Universiti Teknologi Mara (UiTM)  
**Location** : Machang, Kelantan

## Work Experience

- Advance Guidance Educated System (AGES)**  
**Position** : Tuition Teacher  
**Specialization** : Education  
**Date Joined** : January 2013 – March 2013  
**Subject** : Mathematics Standard 6 and Form 2
- Universiti Malaysia Pahang (UMP)**  
**Position** : Partime Tutor  
**Specialization** : Education  
**Date Joined** : September 2013 – January 2014  
**Subject** : BUM2313 Numerical Method  
DUM2123 Technical Mathematics
- Universiti Malaysia Pahang (UMP)**  
**Position** : Research Assistant (RDU141307)  
**Specialization** : Research  
**Date Joined** : Julai 2014 – Januari 2015

**4. Universiti Malaysia Pahang (UMP)**  
**Position** : Teaching Assistant (Tutor)  
**Specialization** : Education  
**Date Joined** : February 2015 – September 2016  
**Subject** : DUM1113 Basic Mathematics  
DUM1213 Fundamental Discrete Structure

**5. Universiti Malaysia Pahang (UMP)**  
**Position** : Research Assistant (RDU1703265)  
**Specialization** : Research  
**Date Joined** : September 2017 – February 2018

**6. Kolej Universiti Islam Perlis (KUIPs)**  
**Position** : Felo Kolej Kediaman  
**Specialization** : Administration  
**Date Joined** : December 2019 – June 2019

**Position** : Penyelaras Program Muamalah &  
Kewangan Islam (Asasi)  
**Specialization** : Administration  
**Date Joined** : January 2019 – Oktober 2019

**Position** : Lecturer  
**Specialization** : Education  
**Date Joined** : October 2018 – January 2020  
**Subject** : Degree  
BQT 4093 Management Mathematics  
BQT 4043 Business Statistics  
BQT 4023 Business Mathematics  
BRM 4113 Business Research Methodology  
Diploma  
DQT 2233 Business Mathematics  
DQT 2033 Business Statistics  
Foundation  
FQT 0043 Basic Mathematics

**6. Universiti Malaysia Perlis (UniMAP)**  
**Position** : Pensyarah Universiti  
**Specialization** : Education  
**Date Joined** : February 2020 – Jun 2020  
**Subject** : EQT 271 Engineering Statistics

**7. Universiti Malaysia Pahang (UMP)**  
**Position** : Pensyarah Universiti  
**Specialization** : Education  
**Date Joined** : July 2020 – Present  
**Subject** : DUM 1113 Basic Mathematics  
BSD 1123 Linear Algebra  
BUM 2413 Applied Statistics  
BUM 1113 Technical Mathematics  
MSM 4254 Statistical Modelling

#### Miscellaneous

**Thesis Title** : 1. Doctor of Philosophy: Compatible pairs of actions for finite cyclic 2-group and associated compatible action graph  
2. Master's Degree: Modeling extreme rainfall in Selangor using Generalized Extreme Value (GEV) distribution  
3. Bachelor's Degree: Devising a system to create and authenticate RSA digital signature

**Publication** 1. **Sahimel Azwal Sulaiman**, Mohd Sham Mohamad, Yuhani Yusof, Nor Haniza Sarmin, Nor Muhainiah Mohd Ali, Tan Lit Ken and Tahir Ahmad. (2015). Compatible Pair of Non-Trivial Actions for Some Cyclic Groups of 2-Power Order. AIP Conference Proceedings. 2nd ISM International Statistical Conference 2014 (ISM-II): Empowering the Applications of Statistical and Mathematical. 1643, 700-705. MS Garden Hotel, Kuantan, Pahang, Malaysia: 12-14 August 2014. ISBN: 978-0-7354-1281-1. ISI indexed. DOI: 10.1063/1.4907515. (Published: 03/02/15).

2. **Sahimel Azwal Sulaiman**, Mohd Sham Mohamad, Yuhani Yusof and Mohammed Khalid Shahoodh. (2016). Number of Compatible Pair for Nontrivial Actions of Finite Cyclic 2-groups. Proceeding of 4th International Science Postgraduate Conference 2016 (ISPC2016): Research and Innovation in Science and Technology for Sustainable Society. 161-165. Center for Sustainable Nanomaterials ISIR – Universiti Teknologi Malaysia, Johor Bharu, Johor, Malaysia: 22-24 February 2016. ISBN: 978-967-0194-54-7. Proceeding Conference.
3. **Sahimel Azwal Sulaiman**, Mohd Sham Mohamad, Yuhani Yusof and Mohammed Khalid Shahoodh. (2016). Compatible Pair of Nontrivial Action for Finite Cyclic 2-groups. Proceeding of 3rd National Conference for Postgraduate Research (NCON-PGR2016): Knowledge Discovery For Wealth Creations. Universiti Malaysia Pahang, Pekan, Pahang, Malaysia: 24-25 September 2016. Proceeding Conference.
4. Mohammed Khalid Shahoodh, Mohd Sham Mohamad, Yuhani Yusof and **Sahimel Azwal Sulaiman**. (2016). Compatible Pair of Nontrivial Actions for Cyclic Groups of 3-Power Order. Proceeding of 3rd National Conference for Postgraduate Research (NCON-PGR2016): Knowledge Discovery For Wealth Creations. Universiti Malaysia Pahang, Pekan, Pahang, Malaysia: 24-25 September 2016. Proceeding Conference.
5. **Sahimel Azwal Sulaiman**, Mohd Sham Mohamad, Yuhani Yusof and Mohammed Khalid Shahoodh. (2017). The Number of Compatible Pair of Actions For Cyclic Groups of 2-Power Order. International Journal of Simulation, System, Sciences and Technology. Vol 18, No. 4, December 2017. ISSN: 1473-804x Online, 1473-8031 Print. SCOPUS Index.
6. Mohammed Khalid Shahoodh, Mohd Sham Mohamad, Yuhani Yusof and **Sahimel Azwal Sulaiman**. (2017). Number of Compatible Pair of Actions for Finite Cyclic Groups of 3-Power Order. International Journal of Simulation, System, Sciences and Technology. Vol 18, No. 4, December 2017. ISSN: 1473-804x Online, 1473-8031 Print. SCOPUS Index.
7. Mohd Sham Mohamad, **Sahimel Azwal Sulaiman**, Yuhani Yusof and Mohammed Khalid Shahoodh. (2017). Compatible Pair of Nontrivial Action for Finite Cyclic 2-Groups. 1st International Conference on Applied & Industrial Mathematics and Statistics 2017 (ICoAIMS 2017) Universiti Malaysia PAHANG. Vol 890, 011001. SCOPUS Index. DOI: <https://doi.org/10.1088/1742-6596/890/1/011001>
8. Mohammed Khalid Shahoodh, Mohd Sham Mohamad, Yuhani Yusof and **Sahimel Azwal Sulaiman**. (2018). Number of Compatible Pair of Actions for Finite Cyclic Groups of  $p$ -Power Order. Jurnal Teknologi (Sciences & Engineering). 163-168. Vol 80, No 5, 1 August 2018. ISSN: 2180-3722. SCOPUS Index.
9. Mohammed Khalid Shahoodh, Mohd Sham Mohamad, Yuhani Yusof and **Sahimel Azwal Sulaiman**. (2018). Compatible Pair of Nontrivial Actions for Cyclic Groups of  $p$ -Power Order. Proceeding of 4<sup>th</sup> International Conferences on Sciences, Engineering & Environment (SEE). Nagoya Japan: 12 – 14 November 2018. ISBN: 978-4-909106018C3051 Proceeding Conference.
10. Mohd Sham Mohamad, Mohammed Khalid Shahoodh, Yuhani Yusof and **Sahimel Azwal Sulaiman**. (2019). Subgraph of Compatible Action Graph for Finite Cyclic Groups of  $p$ -Power Order. 2nd International Conference on Applied & Industrial Mathematics and Statistics 2019 (ICoAIMS 2019): IR 4.0 through the Eyes of Mathematics. Universiti Malaysia PAHANG: 23 – 25 July 2019. IOP Proceeding Conference
11. Hamzah Abdul Hamid, Siti Raudhah Ismail, **Sahimel Azwal Sulaiman**, and Nor Azrita Mohd Amin. (2020) "Assessing the Effect of Different Covariates Distributions on Parameter Estimates for Multinomial Logistic Regression (MLR)". 1st International Symposium on Engineering and Technology 2019 (ISETech 2019), Vol 767. IOP Conference Series. SCOPUS index
12. **Sahimel Azwal Sulaiman**, Mohd Sham Mohamad, Yuhani Yusof and Mohammed Khalid Shahoodh. (2020). The Compatible Action Graphs for Finite Cyclic 2-groups. Data Analytics and Applied Mathematics (DAAM). Vol 1, No. 1, 2020. Peer Review Journal.

#### Award

1. Creation, Innovation, Technology & Research Exposition (CITREX 2015) – Bronze
2. Graduate Research Scheme by Universiti Malaysia Pahang (2014-2016)
3. 5 Pensyarah Terbaik dalam Penilaian Pengajaran (E-PAT) program Diploma Semester 1 2013/2014 by Universiti Malaysia Pahang
4. My Master MyBrain Scholarship by Ministry of Higher Education. (2011-2013)