

**PERSONAL DETAIL**

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ACADEMIC QUALIFICATION

No	Year	Qualification	Institution	Field
1	2017	Ph.D	UNIVERSITY OF QUEENSLAND, AUSTRALIA	PURE MATHEMATICS
2	2012	Master	UNIVERSITI PUTRA MALAYSIA	KAEDAH ANALITIK DALAM TEORI NOMBOR
3	2009	Bachelor	UNIVERSITI PUTRA MALAYSIA	MATHEMATICS

**TEACHING
DEGREE**

No	Code Subject	Subject	Start Year	End Year
1	SMS1033	CALCULUS	2018	2020
2	SMS1013	ALGEBRA	2019	2020
3	SMG2043	DIFFERENTIAL EQUATIONS	2019	2020

INTERNAL RESEARCH

No	Title	Grant	Role	Date
1	EFFECTIVE HYBRID METHOD FOR CAUCHY TYPE SINGULAR DOUBLE INTEGRALS	Geran KPT - Geran FRGS	Co-Researcher	01/01/2019 - 01/01/2021

CONFERENCE

No	Conference Name	Paper Work	Role	Date
1	The International Conference on Education, Mathematics and Science 2018 (ICEMS 2018) in conjunction with the 6th International Postgraduate Conference on Science and Mathematics 2018 (IPCSM 2018)	Perfect Triangles: Rational Points on the Curve C4 (The Unsolved Case)	Pembentang Lisan / Kertas Kerja	07/11/2018 - 08/11/2018
2	AISMM Lecture Series 4: Numerical Analysis and its Application		Peserta Biasa	24/07/2019 - 25/07/2019

3	2ND INTERNATIONAL CONFERENCE ON RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY 2019 (ICoRAST2019)		Peserta Biasa	28/10/2019 - 30/10/2019
4	5TH INTERNATIONAL CONFERENCE ON MATHEMATICAL APPLICATIONS IN ENGINEERING (ICMAE'19)	Perfect Triangles: Rational Points on the Curve C4 (The Unsolved Case)	Pembentang Lisan / Kertas Kerja	30/10/2019 - 31/10/2019
5	Simposium Kebangsaan Sains Matematik ke 27		Peserta Biasa	26/11/2019 - 27/11/2019

AREA OF SPECIALIZATION AND RESEARCH INTERESTS

No	Field / Area	Level of Expertise
1	DISCRETE MATHEMATICS	MODERATE
2	OTHER MATHEMATICS	MODERATE

PUBLICATION - JOURNAL

2018

1. S. Ismail, Perfect Triangles On The Curve C_4 , Journal of the Australian Mathematical Society, 102, 3, 132-144
2. S. Ismail, Perfect Triangles: Rational Points on the Curve C_4 (The Unsolved Case), Journal of Science and Mathematics Letters, 7, 2, 76-84

2013

1. S. Ismail; K. A. Mohd Atan, On the Integral Solutions of the Diophantine Equation $x^4 + y^4 = z^3$, Pertanika Journals of Science & Technology, 21, 1, 119-126

PUBLICATION - THESIS

2012

No	Title	Field	Thesis Level	Type
1	Perfect Triangles : Rational points on Elliptic Curves	Pure Mathematics	Doctor of philosophy	Main Author

2009

No	Title	Field	Thesis Level	Type
1	Solutions of Diophantine Equation $x^4 + y^4 = p^k z^3$ for primes 2	Pure Mathematics	Master	Main Author

ACADEMIC RECOGNITION

CONTRIBUTION - USIM

2018

No	Name Of Activity	Position	Level	Date
1	Al-Khorezmi International Mathematical Olympiad For University Students	Deputy Team Leader	INTERNATIONAL	24/10/2018 - 02/11/2018
2	Majlis Perasmian 15 tahun FST	AJK	FACULTY	26/03/2018 - 26/03/2018
3	Majlis Perasmian Sambutan 15 tahun FST 2018	AJK	FACULTY	26/03/2018 - 26/03/2018
4	Majlis Perasmian 15 tahun FST	Master of Ceremony	FACULTY	26/03/2018 - 26/03/2018
5	Al-khorezmi international mathematical olympiad for university students	DEPUTY TEAM LEADER	INTERNATIONAL	28/11/2018 - 05/12/2018

CONTRIBUTION - MEMBERS OF COMMUNITY COMMITTEE / ORGANISATION**CONTRIBUTION - COMMUNITY SERVICES**

2018

No	Organization	Position	Level
1	QAPEX USIM	AJK	UNIVERSITY
2	FACULTY OF SCIENCE AND TECHNOLOGY	AJK PENERBITAN	UNIVERSITY
3	FACULTY OF SCIENCE AND TECHNOLOGY	MASTER OF CEREMONY	UNIVERSITY
4	UNIVERSITI SAINS ISLAM MALAYSIA USIM	KETUA PENGAWAS PEPERIKSAAN	UNIVERSITY
5	KEMENTERIAN PENDIDIKAN MALAYSIA	PANEL	NATIONAL

CONSULTATION

No	Title	Level	Date
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ADMINISTRATION TASK

No	Position	Level	Date
1	Ketua Pengawas Peperiksaan	UNIVERSITY	28/05/2018 - 28/05/2018

PROFESIONAL MEMBERSHIP

No	Name of Membership	Organization	Field	Date
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RESEARCH AWARD

No	Title of Award	Type of Award	Exhibition Name	Level	Date
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AWARD

No	Name Of Award	Organization	Date
1	Best Public Speaker Female	Program Transformasi Minda USIM	24/07/2018