

CURRICULUM VITAE

(Years of service, 2012 – 2022)



Name: Muhammad Ikhwan bin Azlan

Position: Lecturer

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MUHAMMAD IKHWAN BIN AZLAN

Place of Birth:
Seremban, Negeri
Sembilan, Malaysia

Date of Birth: 3 Jan
1984

Sex: Male

Citizenship:
Malaysian

Identification number:
840103-05-5373

Position: Lecturer

Professional position:

Marital status: Married

Name of spouse:
Mariam Nabilah bt.
Mohammed Selamat

Number of children: 3

ACADEMIC QUALIFICATIONS

Universiti Teknologi Malaysia

Doktor Falsafah Pemikiran dan Tamadun Islam

Title of thesis: *The Development of Mathematisation in the 9th to 12th Century Debates Among Muslim Scholars* **2020**

Universiti Kebangsaan Malaysia

Sarjana Sains Matematik

Tajuk Tesis: *Sorotan Projek Homologi Berkomputasi (CHomP) dan Penggunaannya* **2010**

University of Nottingham

Bachelor of Science (Honours)

Title of thesis: *Hopf Algebra and Quantum Groups* **2008**

WORK EXPERIENCE

February 2012 to present: Kolej Universiti Islam Antarabangsa Selangor

August 2011 to January 2012: University of Malaya

January 2011 to December 2011: Universiti Teknologi Mara

August 2010 to December 2010: Universiti Kebangsaan Malaysia

January 2009 to December 2009: Universiti Teknologi Mara

October 2009 to December 2009: Universiti Sains Malaysia

POSITIONS IN ADMINISTRATION

- None

AWARDS / ACKNOWLEDGEMENTS / APPOINTMENTS (NATIONAL & INTERNATIONAL LEVEL AND KUIS)

- | | |
|---|------|
| • Anugerah PERSAMA (Persatuan Sains Matematik Malaysia) | 2015 |
| • Diploma of XXIV Summer Conference
International Mathematical Tournament of Towns | 2012 |
| • Best Paper in Kongres Pengajaran dan Pembelajaran UKM | 2010 |

EXPERTISE AND CONSULTATION

INTERNATIONAL LEVEL (7)

No.	Committee Name	Period	Status
1	9th International Conference on Management and Muamalah	2022	Director
2	3-Day Webinar on Syed Muhammad Naquib al-Attas' 90 th Anniversary	2021	Speaker
3	International Day of Mathematics Webinar, Fakulti Sains Komputer dan Matematik Universiti Teknologi Mara	2021	Speaker
4	Svenska Muslimer for Fred och Ratvisa (SMFR) Conference	2020	Speaker
5	Earth Day Webinar organised by Think City	2020	Forum Panel
6	International Mathematical Olympiad (IMO) Malaysia Webinar	2020	Speaker
7	Institute of Mathematics Research (INSPERM) Weekly Seminar	2020	Speaker

NATIONAL LEVEL (11)

No.	Committee Name	Period	Status
1	Raja Zarith Sofiah Centre for Advanced Studies on Islam, Science and Civilisation (RZS-CASIS), Universiti Teknologi Malaysia	2021-2022	Research Fellow
2	Knowledge-Driven Economy in Selangor Industry 4.0 Roadmap with Strand Aerospace Malaysia.	2018-2019	Content Writer
3	Worldview of Islam on Living and Leading: Knowledge with Wisdom	2019	Speaker
4	Peranan Matematik dalam Kemajuan Sains anjuran Unit Pendidikan Islam Kolej Matrikulasi Sarawak	2021	Speaker
5	Inaugural Young Muslims Youth Forum 2018 by IKIM	2018	Forum Panel
6	Teachers' Conference on Mathematics and Computational Thinking anjuran bersama National STEM Movement.	2017	Speaker
7	Fiqh Akbar: Cosmos in Sunnite Theology anjuran IKIM.	2017	Speaker
8	Kolej MARA Banting Students Conference	2015	Speaker
9	Modern Society and the Tolerance of Muhammad S.A.W. anjuran PEACEMEAL	2014	Speaker
10	Kolokium "Institusi Pengajian Tinggi Islam dan Cabaran Pelabagai Kemodenan" anjuran CASIS-UTM.	2014	Forum Panel
11	Seminar Falsafah Matematik anjuran PPSM, UKM.	2013	Speaker

KUIS (7)

No.	Position	Agencies
1	Penceramah Kolokium Dakwah dan Usuluddin (KUDUS 7.0)	KUIS
2	Ketua Sekretariat Penyelidikan, Jawatankuasa Akademik dan Penyelidikan 2021-2023	KUIS
3	Panel Penterjemah Proforma Subjek PPT <i>Panel Member for Translation of Course Materials 2020</i>	KUIS

4	Penyelaras Kokurikulum Fakulti <i>Faculty Coordinator of Co-Curriculum 2019</i>	KUIS
5	Pengarah Minggu Apresiasi Ilmu dan Bakat <i>Director of Knowledge and Talent Appreciation Week (MAIB) Sesi 1 20182019</i>	KUIS
6	AJK Eksekutif - Latihan Industri dan Jaringan Komuniti <i>Executive Committee - Industrial Training and Community Networking 2017-2022</i>	KUIS
7	AJK Kesepakatan <i>Committee of Examination 2016-2021</i>	KUIS

JOURNAL/MONOGRAPH/GUIDELINES AND POLICIES EDITORS (0)

No.	Position	Name of Journal/Monograph/Guideline
1	None	

ARTICLE OR JOURNAL CONSULTANTS/ REVIEWERS (2)

No.	Position	Name of Journal/Task
1	Reviewer	<i>Jurnal al-Irshad 2019</i>
2	Reviewer	<i>Jurnal al-Irshad 2020</i>

PROFESSIONAL BODIES MEMBERSHIP

No.	Committee Name	Period	Status
1	Malaysian Mathematical Sciences Society (PERSAMA)	2009 to present	<i>Lifetime Member</i>
2	Akademi Sains Islam Malaysia (ASASI)	2009 - 2013	<i>Working Committee</i>

TEACHING AND SUPERVISION

TEACHING COURSES (21)

1. PFP7010 Kaedah Penyelidikan dalam Pendidikan (Research Methods in Education)
2. NBWU2162 Falsafah Sains (Philosophy of Science)
3. NDWF2032 Akhlak Islamiyyah
4. NBWU2142 Pengantar Akhlak

5. NBWU2132 Pembangunan Potensi Insan
6. NBWU1032 Academic Reading Skills
7. NDWF1011 Tilawah al-Qur'an
8. NBWF2042 Fiqh al-Sirah
9. MPU3362 Falsafah dan Pemikiran Islam (Islamic Thought and Philosophy)
10. MPU2352 Tasawwur Islam
11. MPU2163 Pengajian Malaysia 2
12. MPU3173 Malaysian Studies 3
13. MPU2412 Latihan Bina Insan
14. MPU3422 Khidmat Ummah
15. TDTM1013 Discrete Mathematics
16. TDCS1412 Introductory Mathematics
17. MDPM1033 Statistics
18. MDPM2023 Business Mathematics
19. MAT471 Calculus II (UiTM)
20. MAT422 Mathematical Logic and Proving Techniques (UiTM)
21. MAT098 Preparatory Mathematics (UiTM)

LIST OF TEACHING COURSES BY SEMESTER

SEMESTER	COURSES	LEVEL
Semester 2 2021/2022	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 1 2021/2022	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 1 2021/2022	PMFP6010 <i>Kaedah Penyelidikan dalam Pendidikan</i>	Masters/PhD
Semester 1 2021/2022	NBWF2042 <i>Fiqh Sirah</i>	Bachelors
Semester 1 2021/2022	MPU2352 <i>Tasawwur Islam</i>	Diploma
Semester 1 2021/2022	MBBC2013 <i>Statistics</i>	Bachelors
Semester 2 2020/2021	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 2 2020/2021	MPU3362 Falsafah dan Pemikiran Islam	Bachelors
Semester 2 2020/2021	MPU2352 <i>Tasawwur Islam</i>	Diploma
Semester 2 2020/2021	PMFP6010 <i>Kaedah Penyelidikan dalam Pendidikan</i>	Masters/PhD
Semester 1 2020/2021	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 1	NBWF2042	Bachelors

2020/2021	<i>Fiqh Sirah</i>	
Semester 1 2020/2021	MPU3422 Khidmat Ummah	Bachelors
Semester 1 2020/2021	MPU2412 Latihan Bina Insan	Diploma
Semester 2 2019/2020	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 2 2019/2020	MPU3422 Khidmat Ummah	Bachelors
Semester 2 2019/2020	MPU2412 Latihan Bina Insan	Diploma
Semester 1 2019/2020	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 1 2019/2020	MPU3422 Khidmat Ummah	Bachelors
Semester 1 2019/2020	MPU2412 Latihan Bina Insan	Diploma
Semester 1 2019/2020	MDPM1033 Statistics	Diploma
Semester 1 2019/2020	MDPM2023 Business Mathematics	Diploma
Semester 2 2018/2019	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 2 2018/2019	MPU3422 Khidmat Ummah	Bachelors
Semester 2 2018/2019	MPU2412 Latihan Bina Insan	Diploma
Semester 2 2018/2019	NBWU2142 Pengantar Akhlak	Bachelors
Semester 1 2018/2019	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 1 2018/2019	MPU3422 Khidmat Ummah	Bachelors
Semester 1 2018/2019	MPU2412 Latihan Bina Insan	Diploma
Semester 1 2018/2019	MPU2352 <i>Tasawwur Islam</i>	Diploma
Semester 2 2017/2018	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 2 2017/2018	MPU2412 Latihan Bina Insan	Diploma
Semester 2 2017/2018	TDCS1412 Introductory Mathematics	Diploma
Semester 2 2017/2018	TDTM1013 Discrete Mathematics	Diploma
Semester 1	NBWU2162	Bachelors

2017/2018	<i>Falsafah Sains</i>	
Semester 1 2017/2018	MPU2412 Latihan Bina Insan	Diploma
Semester 1 2017/2018	NBWU2142 Pengantar Akhlak	Bachelors
Semester 1 2017/2018	NDWF2032 Akhlak Islamiyyah	Diploma
Semester 2 2016/2017	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 2 2016/2017	MPU2412 Latihan Bina Insan	Diploma
Semester 2 2016/2017	NDWF2032 Akhlak Islamiyyah	Diploma
Semester 2 2016/2017	MPU3173 Pengajian Malaysia 3	Bachelors
Semester 1 2016/2017	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 1 2016/2017	MPU2412 Latihan Bina Insan	Diploma
Semester 1 2016/2017	NDWF2032 Akhlak Islamiyyah	Diploma
Semester 1 2016/2017	MPU3173 Pengajian Malaysia 3	Bachelors
Semester 1 2016/2017	MPU2163 Pengajian Malaysia 2	Diploma
Semester 2 2015/2016	NBWU2162 <i>Falsafah Sains</i>	Bachelors
Semester 2 2015/2016	MPU3173 Pengajian Malaysia 3	Bachelors
Semester 2 2015/2016	MPU2163 Pengajian Malaysia 2	Diploma
Semester 1 2015/2016	MPU2352 <i>Tasawwur Islam</i>	Diploma
Semester 1 2015/2016	NDWF1011 Tilawah	Diploma
Semester 1 2015/2016	NDWU1032 Academic Reading Skills	Bachelors
Semester 1 2015/2016	NDWU2132 Pembangunan Potensi Insan	Bachelors

INDUSTRIAL TRAINING OR PRACTICUM SUPERVISION

List of Industrial Training or Practicum Students (7 students)

No.	Name of student	Programme (Field of Studies)	Year of graduation
1	Nurul Atikah binti Rozali	<i>Diploma 32</i>	2022
2	Nurhidaya binti Jul	<i>Diploma 32</i>	2022
3	Nur Izzati Husna bt. Shukri	<i>Diploma 32</i>	2022
4	Syahidahtul Umairah binti Mohamed Faisal	Bachelors of Business Administration with E-Commerce	2022
5	Nur Syafiqah Izzati binti Lukman	Bachelors of Management in Halal Industry	2022
6	Muhammad Mustaqim bin Othman	Bachelors of Management in Halal Industry	2022
7	Asmaa' binti Habil	Bachelors of Business Administration with E-Commerce	2022

List of Undergraduate Students Thesis Supervision (18 students)

No.	Name of student	Title of thesis	Progress
1	None		

List of Master's Students Thesis Supervision (0 students)

No.	Name of student	Title of thesis	Progress
1	None		
2			
3			
4			

List of Doctor of Philosophy Students Thesis Supervision (0 students)

No.	Name of student /Matric number	Title of thesis	Progress
1	None		
2			

RESEARCH (3)

List of Research Activities		
1	Consultative Panel	0
2	Joint Research	2
3	Chief Researcher	1
4	Co-Researcher	0
5	Phd Research	0
6	Master Research	0
	Total	3

Joint Research/Research that has been/is being conducted

Chief Researcher (1)

No.	Research Title	Year/Period	Research fund
1	Buku-Buku Teks Falsafah Sains dalam Bahasa Melayu Geran Penyelidikan Inovasi KUIS (KUIS Innovation Research Grant) GPIK-IIIT KUIS/PB/2016/IIIT/001	2016 - 2017 (1.5 year)	RM 10 000
	TOTAL		RM 10 000

Research Team Members (2)

No.	Research Title	Year/Period	Research fund
1	Program Penyelidikan Islam dan Alam Sekitar GERAN CONTRACT (UTM) R.K130000.7653.4C514	2021 - 2022 (1 year)	RM 200 000
2	Study on the Concept and Methodology of Thinking According to al-Ghazālī in His Mi'yār al-'Ilm and Its Significance in the Scientific Development GERAN UTM ENCOURAGEMENT RESEARCH (UTMER) Q.K130000.3853.20J42	2021 - 2023 (2 years)	RM 10 000
	TOTAL		RM 210 000

RESEARCH WRITING AND PUBLICATIONS (1)

List of Publications		
No.	Item	Number
1	Book Author	1
2	Research Report/Monograph	0
3	Book Chapters	0
3		
Total		

BOOK AUTHORS (2)

1. Arsmah Ibrahim, Daud Mohamad, Masita Jamal, Muhammad Ikhwan Azlan, Nor Haniza Sarmin, Rafie Mohamad Razar, Shaharuddin Che Soh, *Rakan Matematik: Pengalaman Rusia*, PERSAMA, Bangi, 2011 translated from English by the title *Mathematical Circles: A Russian Experience* by Mark Saul, which is a translation from a Russian work by Dmitri Fomin, Sergey Genkin and Ilia Itenberg.
2. Falsafah Sains, Penerbit KUIS-IIIT, (publication in progress 2022)

RESEARCH REPORTS/MONOGRAPHS (0)

1. None

BOOK CHAPTERS (0)

1. None

BOOK EDITORS (0)

1. None

JOURNALS (16)**JOURNAL – MAIN AUTHOR (2)**

1. Muhammad Ikhwan Azlan, *Tinjauan Ringkas Mengenai Kedudukan Matematik Sebagai Satu Disiplin Sains Dalam Tamadun Islam*, Jurnal Akademi Sains Islam Malaysia (ASASI) Jilid 30 (1&2) (2020), 1-36.
2. Muhammad Ikhwan Azlan, *Matematik dan Realiti: Satu Penelitian Terhadap Takrif-Takrif Matematik*, TAFHIM Jilid 12 (1) (2019), 109-143.

JOURNAL – CO-AUTHOR (3)

1. *The Readiness of Mathematics and Science Lecturers to Teach in English from Students' Perspective*, Procedia - Social and Behavioral Sciences, Vol 18 (1) (2011), 342-347.
2. *Students' Inclination towards English Language as Medium of Instruction in the Teaching of Science and Mathematics*, Procedia - Social and Behavioral Sciences, Vol 18 (1) (2011), 153-160.
3. *Students' Perceptions of the Implementation of Teaching and Learning of Science and Mathematics in English*, Procedia - Social and Behavioral Sciences, Vol 18 (1) (2011), 161-166.

PROCEEDINGS (11)

1. "Unsur-Unsur Pematematikan dalam al-As'ilah wa'l-Ajwibah antara Ibn Sīnā dan al-Bīrūnī", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 24-25 Nov 2020.
2. "Mathematisation of Cosmology in ibn Sīnā and al-Bīrūnī Correspondence", Simposium Kebangsaan Sains Matematik (SKSM), 28-29 Nov 2018.
3. "From Limits in Mathematics to Limits of Mathematics", International Quantitative Research and Applications Conference (IQRAC), 5-8 Aug 2018.
4. "Matematik Sebagai Satu Disiplin Sains dalam Tamadun Islam", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 23-24 Apr 2018.
5. "Mathematisation of Cosmology in ibn Sīnā and al-Bīrūnī's Correspondence", Seminar on Fiqh Akbar: Cosmos in Sunnite Theology anjuran IKIM, 31 May 2018.
6. "Elements of Mathematization in Kalam: A Preliminary Survey of Selected Works", Third Kuala Lumpur International Kalam Conference (KLIKS 3) anjuran ISSI dan KRM, 19-22 Mar 2018.

7. "Matematik dan Realiti: Satu Penelitian Terhadap Takrif-Takrif Matematik", International Conference of Ulama anjuran PERTAMA dan CASIS-UTM, 26-28 Jul 2017.
8. "Matematik dan Realiti: Tinjauan Ringkas Terhadap Takrif-Takrif Matematik", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 26-27 Apr 2017.
9. "Al-Attas's Concept of Islamic University as Reflection of a Perfect Man", The International Congress of Asian Philosophical Association (ICAPA), 20-24 July 2016
10. "Al-Ghazali on the Limits of Mathematics", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 20-21 Apr 2016.
11. "Al-Ghazali on the Limits of Mathematics", Revisiting al-Ghazali: Reason and Revelation. The Third Annual Conference on Higher Education anjuran Zaytuna College, Berkeley, USA, 4-5 Mar 2016.

RESEARCH POSTERS (0)

1. **None**

LIST OF INTERNATIONAL AND NATIONAL SEMINAR PRESENTATIONS (11)

1. "Unsur-Unsur Pematematikan dalam al-As'ilah wa'l-Ajwibah antara Ibn Sīnā dan al-Bīrūnī", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 24-25 Nov 2020.
2. "Mathematisation of Cosmology in ibn Sīnā and al-Bīrūnī Correspondence", Simposium Kebangsaan Sains Matematik (SKSM), 28-29 Nov 2018.
3. "From Limits in Mathematics to Limits of Mathematics", International Quantitative Research and Applications Conference (IQRAC), 5-8 Aug 2018.
4. " Matematik Sebagai Satu Disiplin Sains dalam Tamadun Islam", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 23-24 Apr 2018.
5. " Mathematisation of Cosmology in ibn Sīnā and al-Bīrūnī's Correspondence", Seminar on Fiqh Akbar: Cosmos in Sunnite Theology anjuran IKIM, 31 May 2018.
6. " Elements of Mathematization in Kalam: A Preliminary Survey of Selected Works", Third Kuala Lumpur International Kalam Conference (KLIKS 3) anjuran ISSI dan KRM, 19-22 Mar 2018.

7. "Matematik dan Realiti: Satu Penelitian Terhadap Takrif-Takrif Matematik", International Conference of Ulama anjuran PERTAMA dan CASIS-UTM, 26-28 Jul 2017.
8. "Matematik dan Realiti: Tinjauan Ringkas Terhadap Takrif-Takrif Matematik", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 26-27 Apr 2017.
9. "Al-Attas's Concept of Islamic University as Reflection of a Perfect Man", The International Congress of Asian Philosophical Association (ICAPA), 20-24 July 2016
10. "Al-Ghazali on the Limits of Mathematics", Persidangan Antarabangsa Sains Sosial dan Kemanusiaan (PASAK), 20-21 Apr 2016.
11. "Al-Ghazali on the Limits of Mathematics", Revisiting al-Ghazali: Reason and Revelation. The Third Annual Conference on Higher Education anjuran Zaytuna College, Berkeley, USA, 4-5 Mar 2016.

REFEREES

1. Professor Dr. Wan Mohd Nor Wan Daud
(Mentor)
wanmn65@yahoo.com
2. Professor Dr. Muhammad Zainiy Uthman
(PhD Supervisor)
zaini.kl@utm.my
3. Professor Dr. Mohd Salmi Md. Noorani,
(Masters Supervisor)
msn@ukm.edu.my
4. Professor Emeritus Dr. Shahrir Mohamad Zain,
(Mathematics Research Advisor)
shaharirzain711@hotmail.com