



PERSONAL DETAILS

Name : Aida Rasyidah Azman
 Gender : Female
 Date of Birth/Age : 31st October 1991/31 years old
 Nationality : Malaysian
 Marital Status : Single
 Permanent Address : 4, Jalan Joran Satu 19/24A, Seksyen 19, 40300 Shah Alam, Selangor
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 ID Staff : 16161
 Expertise : Forensics, Biotechnology, Bioinformatics
 H-Index (WOS) : 2
 H-Index (SCOPUS) : 3
 H-Index (G. Scholar) : 4
 H-Index (Researchgate) : 3

ACADEMIC QUALIFICATIONS

NO	LEVEL OF EDUCATION	COURSE	UNIVERSITY	STARTING DATE	ENDING DATE
1.	Doctor of Philosophy (Ph.D)	Generic (Forensics)	Universiti Teknologi Malaysia	April 2017	January 2021
2.	Master of Science (Forensic Science)	Forensic Science	Universiti Teknologi Malaysia	Sept. 2015	January 2017
3.	Bachelor of Science (Hons.) Chemistry (Forensic Analysis)	Forensic Analysis	Universiti Teknologi Mara (Shah Alam)	June 2012	May 2015
4.	Diploma of Science	Science	Universiti Teknologi Malaysia (Beting)	June 2009	March 2012
5.	Sijil Pelajaran Malaysia	Science	SMK Seksyen 19, Shah Alam	2008	2008

AWARD AND HONORS RECEIVED

Summary	
International Awards / Honors	1
National Awards / Honors	1
UTM Awards / Honors	4

NO	AWARD	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	YEAR
1.	UTM Academic Award	UTM	2021
2.	UTM Best Postgraduate Student Award	UTM	2021
3.	Best Oral Presenter Award (ICBSN)	International	2021
4.	INATEX Bronze Medal Award	UTM	2019
5.	Famelab Regional (Southern) Heat Winner	National	2019
6.	INATEX Bronze Medal Award	UTM	2017

WORKING EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ORGANISATION
1.	Senior Lecturer	21st July 2021	31st October 2051	Department of Chemistry, Faculty of Science, Universiti Teknologi Malaysia
2.	Business Support	February 2015	June 2015	Accident & Health Department (Travel), AIG Malaysia Insurance Berhad, Bukit Bintang, KL
3.	Secondary School Substitute Teacher (History & Arts)	July 2012	August 2012	SMK Seksyen 9, Shah Alam, Selangor
4.	Primary School Substitute Teacher (English)	April 2012	May 2012	SRK Seksyen 18, Shah Alam, Selangor
5.	Part-time Staff	January 2009	March 2009	Kenny Rogers Roasters, Subang Parade, Subang Jaya, Selangor
6.	Part-time Staff	January 2009	January 2009	Dôme Café, Subang Parade, Subang Jaya, Selangor
7.	Part-time Staff	December 2008	January 2009	Toys 'R' Us, Subang Parade, Subang Jaya, Selangor

PROFESSIONAL MEMBERSHIP / QUALIFICATION / RECOGNITION

Summary	
National Professional Membership / Qualification / Recognition	1

NO	NAME OF PROFESIONAL MEMBERSHIP	LEVEL (FACULTY /UTM /NATIONAL /INTERNATIONAL)	ROLE	YEAR
1.	Forensic Science Society of Malaysia	National	Member	2017 - Present

ADMINISTRATIVE EXPERIENCE

NO	POSITION	STARTING DATE	ENDING DATE	DEPARTMENT/ FACULTY/ DIVISION
1.	Head of Forensic Science Programme	1st October 2022	30th September 2024	Department of Chemistry, Faculty of Science
2.	Co-Head of Forensic Science Programme	21st July 2021	30th September 2022	Department of Chemistry, Faculty of Science
3.				

INTERNATIONAL / NATIONAL / UNIVERSITY COMMITTEE

Summary	
University Committee	2
Faculty Committee	18

University

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Program Kepimpinan: Team Building Pentadbir Siri 1/2022	Facilitator	6 th September 2022	13 th September 2022
2.	Taskforce Penyediaan Dokumen Memorandum of Agreement (MoA) Antara UTM dan KKM	Member	18 th October 2022	Until completion

Faculty

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
1.	Taskforce Enrolmen Program Pascasiswazah Fakulti Sains	Member	22 nd July 2021	Until completion
2.	Taskforce Penghasilan Video Bagi Kursus Amali Kimia Analisis	Member	25 th July 2021	Until completion
3.	Jawatankuasa Taklimat Pelajar Tahun Akhir Fakulti Sains	Member	12 th August 2021	Until completion
4.	Sub-group FREE: Kimia	Member	19 th August 2021	Until completion
5.	Program Mentee SUN (Science Unified Network) SHINE++ Fakulti Sains – Jabatan Kimia	Member/Mentee	22 nd August 2021	Until completion

NO	NAME OF COMMITTEE	ROLE	STARTING DATE	ENDING DATE
6.	Taskforce Program Online Global Classroom: Workshop On The Art of Writing A Good Scientific Article	Member/Expert Referee	26 th September 2021	Until completion
7.	Penasihat Akademik Pelajar Tahun 1 Fakulti Sains Sesi 2021/2022	Member/Academic Advisor	5 th October 2021	Until completion
8.	Scientific Review Committee For ICBME 2022	Member	16 th December 2021	22 nd July 2022
9.	Jawatankuasa Kecil Program FS Research Month 2022	Member	1 st January 2022	Until completion
10.	Taskforce Anugerah Kualiti Akademik (AKA) 2021	Member	23 rd February 2022	Until completion
11.	Taskforce Asean University Networking Quality Assurance (AUN QA) Program SSCC/SSCCH	Member	27 th March 2022	Until completion
12.	Program Teaching Mentorship Excellence (TeaMEXL) Fakulti Sains – Jabatan Kimia	Member	6 th April 2022	Until completion
13.	Jawatankuasa Program Mentor-Mentee Sunshine Fakulti Sains	Member	1 st May 2022	30 th April 2024
14.	Taskforce Bengkel Pembangunan Modul Jelajah Sains 2022	Member	10 th August 2022	Until completion
15.	Taskforce Taklimat dan Promosi Program Pascasiswazah Fakulti Sains Kepada Pelajar Tahun Akhir	Member	24 th August 2022	Until completion
16.	Jawatankuasa Pembangunan Pelajar Jabatan Kimia, FS	Member	1 st October 2022	31 st July 2024
17.	Jawatankuasa Kebolehpasaran Fakulti Sains	Member	2 nd October 2022	31 st August 2023
18.	Taskforce Audit Akreditasi Penuh Program Sarjana Sains Forensik	Head	14 th November 2022	31 st December 2023

RESEARCH ACTIVITIES

Summary	
Principal Investigator - UTM Grants	1 project (RM20,000)
Member - National Grants	1 project (RM120,200)
Member - UTM Grants	1 project (RM129,950)

As a principal investigator

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	Novel fluorescent nanobio-based reagent as a greener approach for visualising latent fingerprints	Principal Investigator	UTM	UTM Encouragement Research (UTMER)	20,000	01/10/2021	30/09/23	20J78

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
	on wet, non-porous substrates							

As a scientific member

NO	NAME OF GRANT	ROLE	CATEGORY OF GRANT (UTM/ OTHERS)	TYPE OF GRANT	AMOUNT (RM)	STARTING DATE	ENDING DATE	VOTE NO
1.	A new dispersive inclusion complex microextraction method for determination of nitro explosives in soil and water samples	Co-researcher	UTM	Fundamental Research Grant Scheme (FRGS)	120,200	01/09/2022	31/08/2024	5F519
2.	Investigating the feasibility of <i>Rhizomucor miehei</i> lipase as a biosensor for fingerprint visualisation and its possible modes of interactions	Co-researcher	UTM	UTM Fundamental Research (UTMFR)	129,950			

NO	SEMESTER	SEM	SUBJECT CODE	SUBJECT	CREDIT HOUR	NO OF STUDENT
1.	2021/2022	1	SSCK1203	Analytical Chemistry For Engineering	3	60
2.	2021/2022	1	SSCK1891	Analytical Chemistry Practical	1	42
3.	2021/2022	1	SSCU4902	Final Year Project 1	1	4
4.	2021/2022	2	SSCK1203	Analytical Chemistry For Engineering	3	70
5.	2021/2022	2	SSCU4904	Final Year Project 2	1	4
6.	2021/2022	3	FSPC0042	Chemistry Practical II	2	48
7.	2022/2023	1	SSCK1203	Analytical Chemistry For Engineering	3	63

POSTGRADUATES

NO	SEMESTER	SEM	SUBJECT CODE	SUBJECT	CREDIT HOUR	NO OF STUDENT
1.	2021/2022	1	MSCN1803	Forensic Evidence and The Aspects of Law	3	5
2.	2021/2022	1	MSCN1831	Forensic Testimony and Moot Court	1	5
3.	2021/2022	2	MSCN1803	Forensic Evidence and The Aspects of Law	3	4

NO	SEMESTER	SEM	SUBJECT CODE	SUBJECT	CREDIT HOUR	NO OF STUDENT
4.	2021/2022	2	MSCN1853	Forensic Laboratory Practical	1	8
5.	2021/2022	2	MSCN1913	Crime Scene Investigation	3	7
6.	2022/2023	1	MSCN1803	Forensic Evidence and The Aspects of Law	3	5

SUPERVISION

Summary	
Co-Supervisor - PhD. (Ongoing)	1
Main Supervisor - Undergraduate (Graduated)	4
Main Supervisor - Undergraduate (On-Going)	3

PhD. Student

NO.	NAME	NO. MATRIC	STATUS (GRADUATED/ ON-GOING)	TITLE	ROLES OF SUPERVISION
1.	Nik Ihtisyam Majdah Nik Razi	PSC213041	On-going 2021 – Present	Development of green fluorescent nanobio-based reagents using two different lipases for visualising latent fingerprints on wet and non-porous substrates	Co-supervisor

MSc. Student

NO.	NAME	NO. MATRIC	STATUS (GRADUATED/ ON-GOING)	TITLE	ROLES OF SUPERVISION
1.	Firas Hamzah Jebur	MSC192013	On-going 2021 – Present	Development of latent fingerprints on a non-porous surface by black powder	Co-Supervisor
2.	Widad Mohamad Sabab	MSC212006	On-going 2022 – Present	Discrimination of pink nude lipstick <i>via</i> raman spectroscopy and chemometric techniques and influence of thermal environment for forensic Application	Co-supervisor

Undergraduate

NO.	NAME	NO. MATRIC	STATUS (GRADUATED/ ON-GOING)	TITLE	ROLES OF SUPERVISION
1.	Alia Natasha Anwar Musadad	A18SC0015	Graduated 2021 – 2022	Effect of water salinity on the performance of fluorescence	Main supervisor

NO.	NAME	NO. MATRIC	STATUS (GRADUATED/ ON-GOING)	TITLE	ROLES OF SUPERVISI ON
				Nanobio-based reagent in visualizing wet latent fingerprints	
2.	Harith Fariezi Noorakmal	A18SC0067	Graduated 2021 – 2022	Determination of fatty acids compositions of groomed fingerprints immersed in an outdoor pond using gas chromatography-mass spectrometry	Main supervisor
3.	Nurul Fatiha Mohd Tahir	A18SC0266	Graduated 2021 – 2022	Semi-quantitative analysis of fatty acid compositions in water-immersed natural fingerprints using gas chromatography mass spectrometry	Main supervisor
4.	Nurul Sakinah Faizah Rozmi	A18SC0278	Graduated 2021 – 2022	Effect of different pH of tap water in visualizing latent fingerprints on multi-coloured non-porous surfaces using fluorescence small particle reagent	Main supervisor

UTM POSTGRADUATE EXAMINATION / VIVA

Summary	
MSc. Internal Examiner	2

MSc. Internal Examiner

NO	ROLE	STUDENTS NAME	TITLE	YEAR
1.	Internal examiner	Hassan Mohamed Ali	Forensic discrimination of different brands of local dis-eal and the effect of time effect ofl on cloth using vibrational spectroscopy and chemometric techniques	2022
2.	Internal examiner	Nur Shamimi Mohd Sheffol Azri	Discrimination of black gel inks with spectroscopic techniques combined with chemometric for forensic cheque fraud	2022

PUBLICATIONS

Summary	
ISI Article / Journal	5
Scopus Article / Journal	2
Indexed Conference Proceedings	2
Book Chapters	2

No	Article Title	Journal Title	ISSN	Vol.	Issues	Page	Publication Year	IF	Type of Publication	Category of Publication	Quartile
1.	Preliminary forensic assessment of the visualised fingerprints on nonporous substrates immersed in water using the green and optimised novel nanobio-based reagent	Scientific Reports	2045-2322	12	14780	1-10	2022	4.997	Journal	ISI	Q1
2.	Box-Behnken design optimisation of a green novel nanobiobased reagent for rapid visualisation of latent fingerprints on wet, non-porous substrates	Biotechnology Letters	0141-5492	43	4	881-898	2021	2.716	Journal	ISI	Q3
3.	Performance of the nanobio-based reagent for visualising wet fingerprints exposed to different levels of water salinity	Journal of Clinical and Health Sciences	0127-984X	6	1	32-43	2021		Journal	Scopus	
4.	Potassium triiodide enhanced multi-walled carbon nanotubes supported lipase for expediting a greener forensic visualization of wetted fingerprints	Chemical Papers	2585-7290	75	4	1401-1412	2021	2.146	Journal	ISI	Q3
5.	Characterisation and computational analysis of a novel lipase nanobio-based reagent for visualising	Process Biochemistry	1359-5113	96	-	102-112	2020	4.885	Journal	ISI	Q2

No	Article Title	Journal Title	ISSN	Vol.	Issues	Page	Publication Year	IF	Type of Publication	Category of Publication	Quartile
	latent fingerprints on water-immersed glass slides										
6.	Visualisation of latent fingerprints on non-porous object immersed in stagnant tap water using safranin-tinted Candida rugosa lipase reagent	Malaysian Journal of Fundamental and Applied Sciences		15	6	781-783	2019		Journal	Scopus	
7.	Relevant visualization technologies for latent fingerprints on wet objects and its challenges: a review	Egyptian Journal of Forensic Sciences		9	23	1-13	2019		Journal	ISI	Q4

NO.	TYPE a. INDEXED PROCEEDINGS / CONFERENCE b. NON- INDEXED PROCEEDINGS / CONFERENCE c. SEMINARS / WORKSHOPS d. THESIS e. ORIGINAL BOOK f. EDITED BOOK g. BOOK CHAPTER h. CLASSIFIED / TECHNICAL / EXPERT REPORT i. POLICY PAPER	TITLE	YEAR	AUTHOR
1.	Book chapter	Tuning lipases from biocatalysts into a green forensic fingerprint visualisation technology	2022	Co-author
2.	Book chapter	Evidential values of fingerprints in forensic investigation	2019	Co-author
3.	Indexed Proceedings	Composition and life cycles of necrophagous flies infesting wrapped and unwrapped rabbit carcasses in Johor for forensic applications	2019	Co-author

NO.	TYPE	TITLE	YEAR	AUTHOR
	a. INDEXED PROCEEDINGS / CONFERENCE b. NON- INDEXED PROCEEDINGS / CONFERENCE c. SEMINARS / WORKSHOPS d. THESIS e. ORIGINAL BOOK f. EDITED BOOK g. BOOK CHAPTER h. CLASSIFIED / TECHNICAL / EXPERT REPORT i. POLICY PAPER			
4.	Indexed proceedings	Recovery of human DNA from canine teeth exposed to direct heating of 300°C at varying durations for forensic identification	2019	Co-author

PLENARY / CHAIRPERSON/ORAL POSTER PRESENTER / KEYNOTE ADDRESS / INVITED GUEST SPEAKER

NO	ROLE	TITLE OF PROGRAMME	DATE	LOCATION
1.	Oral presenter	National Forensic Science Symposium (NFSS) 2022	28 th September 2022	Pullman Hotel Bangsar Kuala Lumpur
2.	Oral presenter	International Conference by Biotechnology Society of Nepal (ICBSN) 2021	12-14 th February 2021	Online platform
3.	Oral presenter	2nd International Conference on Biosciences & Medical Engineering	11-12th April 2019	Prime Plaza Hotel, Sanur, Bali, Indonesia
4.	Oral presenter	5th International Conference on Mathematics, Science and Education (ICMSE)	8-9th October 2018	Harris Hotel & Residences, Kuta, Bali, Indonesia
5.	Oral presenter	7th International Graduate Conference on Engineering Science & Humanity (IGCESH)	13-15th August 2018	Universiti Teknologi Malaysia, Skudai, Johor, Malaysia

REFEREES

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