

CURRICULUM VITAE

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CURRENT POSITION : SENIOR LECTURER (DM52) [(15 years of service (2003-2018))]

FIELD OF SPECIALISATION : MICROBIAL BIOTECHNOLOGY

AWARDS : EXCELLENCE SERVICE AWARD 2009

ACADEMIC QUALIFICATIONS

QUALIFICATIONS, SPECIALISATION	AWARDING INSTITUTION, COUNTRY	YEAR
B App. Sc (Hons) Biotechnology	Universiti Sains Malaysia	1999
M Sc (Management of Plant Genetic Resources)	Universiti Kebangsaan Malaysia	2002

CURRENT MEMBERSHIP

- MALAYSIAN SOCIETY FOR APPLIED BIOLOGY (B178/2008)
- WWF (World Wildlife Fund)(37230/W28988)
- Kesatuan Kakitangan Akademik UiTM (MITASA)
- Persatuan Wanita UiTM (PEWANI)

TEACHING AND ADMINISTRATIVE RESPONSIBILITIES

TEACHING COURSE(S)	ADMINISTRATIVE RESPONSIBILITIES
BIO615 (Molecular Biology) (DEGREE LEVEL)	
BIO460 (Biological Diversity) (DEGREE LEVEL)	
BIO511 (Genetics) (DEGREE LEVEL)	
BIO462 (Biochemistry) (DEGREE LEVEL)	
BIO092 (Biology II) (FOUNDATION LEVEL)	
BIO250 [Systems and Maintenance (Plants and Animals)] (DIPLOMA LEVEL)	
BIO310 (Introduction to Human Biology) (DIPLOMA LEVEL)	

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PREVIOUS EMPLOYMENT

NO.	EMPLOYER	DESIGNATION	YEAR
1	Universiti Kebangsaan Malaysia, Bangi	Research Assistant	1999-2000
2	Thames Bioscience, Kotra Pharma Sdn Bhd, Cheng, Melaka	Research Assistant	2000

CONFERENCES

NO.	CONFERENCES	VENUE	YEAR
1	Rasol R. , Wan Abdul Razak, W.R., Rizlan Ross, E.E., Abdul Wahid, H. and Kamal Baharin, N. (2009) Screening of potential lipase and protease producers from marine isolates at International Conference on Marine Ecosystem 2009. (Poster presentation)	Awana Porto Malai, Langkawi, Malaysia	2009
2	Rafidah Rasol , Wan Razarinah Wan Abdul Razak dan Sharipah Ruzaina Syed Aris.(2009) First Semester Biology Majors performance in answering Biology Visualization Test (BVT) in UiTM Shah Alam at 2nd International Conference of teaching and Learning 2009. (Oral presentation)	Riverside Majestic Hotel, Kuching, Malaysia	2009
3	Rafidah Rasol , Ernie Eileen Rizlan Ross, Wan Razarinah Wan Abdul Razak, Noor Marian Muda dan Nur Shuhadah Abdul Rashid (2009) Antimicrobial potential of isolates from six marine sites in Peninsular Malaysia at International Congress of the Malaysian Society of Microbiology 2009 (Poster presentation)	Bayview Beach Hotel, Penang, Malaysia	2009
4	Rafidah Rasol , Rashidah Abdul Rahim (2011) Screening for potential lipase producers from Antarctic isolates at International Congress of the Malaysian Society of Microbiology 2011 (Poster presentation)	Bayview Beach Hotel, Penang, Malaysia	2011
5	Rashidah Abdul Rahim, Rafidah Rasol and Wan Maznah Wan Omar (2012) Potential Lipase Enzyme Production from Polar Microorganisms (Poster presentation)	XXXII SCAR Open Science Conference Portland, Oregon, USA	2012
6	R. Rasol , A.R. Rashidah and W.O. Wan Maznah (2013) Lipase Gene Prospecting in a <i>Pseudomonas</i> sp. Isolate via PCR and Genomic Library Screening (Poster presentation)	XIth SCAR Open Biology Symposium Barcelona, Spain	2013
7	R Rasol , AR Rashidah and WO Wan Maznah (2013) Cloning and Expression of Psychrotrophic Lipase Gene from <i>Pseudomonas migulae</i> (Oral presentation)	6 th Malaysian International Seminar on Antarctica, Parkroyal Penang	2013
8	Siti Nur Nazuha R, Rashidah A.R, Rasol R. (2013) Isolation and Characterization of Brownish Pigment Produced by Arctic Psychrotolerant Bacterium	6 th Malaysian International Seminar on	2013

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	(Poster presentation)	Antarctica, Parkroyal Penang	
9	Rafidah Rasol and Rashidah Abdul Rahim (2014) Expression of Lipase Gene from a Psychrotrophic <i>Pseudomonas</i> Isolate (Poster presentation)	XXXIII SCAR Open Science Conference Auckland New Zealand	2014
10	Rafidah Rasol , Syarifah Liyana Syed Mahadi, Fatimatuz Zaharah Mohd Khalid, Nur Syimal'ain Azmi, Sharipah Ruzaina Syed Aris and Wan Razarinah Wan Abdul Razak. (Oral presentation)	4 th International Conference on Science and Social Research (CSSR 2017), Malacca.	2017

RESEARCH

A. RESEARCH FUNDING

NO.	TITLE	SOURCE	TOTAL FUNDS	YEAR BEGIN	YEAR END
1	Screening of potential enzyme producers from microorganisms isolated from soil and compost materials (agricultural solid wastes) (600-IRDC/ST5/3/920)	Internal Grant UiTM	RM17,000	2005	2007
2	Visualization instrument to assess visual ability among first year students majoring in chemistry, biology and physics (600-IRDC/SSP/FRGS 5/3/2064)	FRGS	RM10,000	2007	2009
3	Assessment of marine microorganisms with potentiality in industrial processes (02-01-01-SF0102)	E-Science Fund	RM137,000	2007	2009
4	Development and application studies of recombinant psychrotrophic lipase from <i>Pseudomonas</i> sp. (Principle Investigator)	USM Postgraduate Research Grant Scheme	RM 18,000	2013	2015
5	Phylogenetic Relationship of Barnacles (Fam: Balanidae) of the Selangor Coast, Malaysia. 600-IRMI/MyRA 5/3/LESTARI (0119/2016) (Principle Investigator)	LESTARI Grant UiTM	RM20,000	2016	2018
6	Exploring Relationship Between Different Mode of Student Entries, Academic English Writing Skills and Performance in Answering Higher Order Thinking Skills (HOTS) Questions	ARAS Grant UiTM	RM20,000	2016	2018

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	600-IRMI/DANA 5/3/ARAS (0053/2016)				
7	Characterization of Mycosporine-like Amino Acids (MAAs), a Photoprotecting Compound against Ultraviolet B (UV-B) from Antarctic cyanobacteria. 100-IRMI/PRI 16/6/2 (010/2018)	Yayasan Penyelidikan Antartika Sultan Mizan (YPASM) Smart Partnership Initiative	RM86,100	2017	2019
8	Biological Oxygen Demand (BOD), Total Ammoniacal Nitrogen (TAN) and Nitrite Removal from Landfill Leachate using Freshwater Cyanobacteria 600-IRMI/PERDANA 5/3 BESTARI (066/2018)	BESTARI Grant UiTM	RM30,000	2018	2019

B. PUBLICATIONS

R. Rasol., A.R. Rashidah, R., Siti Nur Nazuha, J. Smykla, W.O. Wan Maznah., and S.A., Alias (2014) Psychrotrophic lipase producers from Arctic soil and sediment samples. *Polish Journal of Microbiology*.63, 1:75-82. IF=0.871. ISI-listed

C. CONSULTANCY

NO.	COMPANY/ INSTITUTION	YEAR
	NIL	

D. FINAL YEAR PROJECT (UNDERGRADUATES)

NO	STUDENT'S NAME	TITLE	STATUS (MAIN/ CO-SUPERVISOR)	STATUS (COMPLETED/ON-GOING)
1	Khairul Akma Mahamad (Sem II 2005)	Isolation and characterization of bacterial species from swimming pool water	Main	Completed
2	Norhafidzah Munajat (Sem II 2005)	Isolation of soil bacteria from various sources that have antimicrobial properties against <i>Pseudomonas aeruginosa</i>	Main	Completed
3	Aida Malissa Zulkifli (Sem I 2006)	Isolation and characterization of oil degrading bacteria from seawater	Main	Completed
4	Lidawati Zakaria (Sem I 2006)	Isolation and characterization of bacteria from POME capable of degrading palm oil	Main	Completed
5	Raja Nooraini Raja Ali (Sem I 2006)	Isolation and characterization of bacterial species from oil-polluted soil capable of degrading petroleum	Main	Completed

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		hydrocarbon		
6	Syed Al- Azi Syed Othman (Sem I 2006)	Isolation and characterization of oil degrading bacteria from contaminated household water	Main	Completed
7	Azrina Md Ethuhar (Sem II 2006)	Oil degrading potentials of bacteria isolated from Palm Oil Mill Effluent (POME)	Main	Completed
8	Hizahwati Badri (Sem II 2006)	Petroleum degrading potentials of bacteria isolated from seawater of Westport Klang	Main	Completed
9	Shamsiah Wahab (Sem II 2006)	Isolation and characterization of thermophilic oil degrading bacteria	Main	Completed
10	Addie Faris Anua (Sem I 2007)	Isolation and characterization of oil degrading bacteria isolated from contaminated freshwater of Klang River and Shah Alam lake	Main	Completed
11	Amirah Omar (Sem I 2007)	Oil degradation activity of isolates originating from Ulu Langat hot spring	Main	Completed
12	Azrul Aminur Rashid Abd Aziz (Sem I 2007)	Isolation and characterization of petroleum degrading bacteria from workshop area	Main	Completed
13	Noor Khariani Mohd Kharian (Sem I 2007)	Petroleum degrading potentials of isolates originating from Port Klang	Main	Completed
14	Susanna Suhaimin (Sem I 2007)	Oil degradation activity of isolates originating from palm oil mill effluent	Main	Completed
15	Nor Asiah Abdullah (Sem II 2007)	Oil biodegradation activity of isolates from Port Dickson and Pulau Pinang	Main	Completed
16	Noor Al Diyana Nooral Bilad Satria (Sem II 2007)	Oil biodegradation activity of isolates from Sungai Simpang Ampat and Sungai Pinang	Main	Completed
17	Nurul Aili Zakaria (Sem I 2008)	Heavy metals and antibiotic resistance of bacteria isolated from Sungai Juru water samples /	Main	Completed
18	Norashekin Kamal Baharin (Sem I 2008)	Heavy metals and antibiotic resistance of bacteria isolated from contaminated soil of Sungai Juru	Main	Completed
19	Fara Fariza Zahar (Sem I 2008)	Heavy metals and antibiotic resistance of bacteria isolated from soil samples of Linggi River Basin	Main	Completed
20	Nur Shuhadah Rashid (Sem II 2008)	Antimicrobial properties of selected spices against common foodborne pathogens	Main	Completed
21	Intan Diana Bidin (Sem II 2008)	Antimicrobial properties and antioxidant activities of etanolic leaves extract of <i>Casia alata</i>	Main	Completed
22	Nor Adyani Mohd Yusof (Sem II 2008)	Screening of UVB resistant bacterioneuston and bacterioplankton from Tanjung Harapan	Main	Completed

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23	Muhammad Hakim Ainuddin (Sem I 2009)	Screening of chitinase producing bacteria from marine water and sediment samples in Pantai Selamat, Kuantan	Main	Completed
24	Shirliza Ann anak Sedai (Sem I 2009)	Screening of UVB resistant bacteria marine water and sediment samples in Pantai Selamat, Kuantan	Main	Completed
25	Siti Aishah Sulaiman (Sem I 2009)	Screening of lipase producing bacteria from marine water and sediment samples at Port Klang	Main	Completed
26	Siti Hajar Noor Alshuridin (Sem I 2009)	Antimicrobial potential of marine bacteria isolated from Pantai Remis and Port Dickson	Main	Completed
27	Emilia Apidi (Sem II 2009)	Decontamination of medicinal leeches with performic acid	Main	Completed
28	Mohamed Faizal Zubaidi (Sem II 2009)	Decontamination of bacteria in transport fluid and oral cavity of leeches using UVB radiation	Main	Completed
29	Nadhira Zainalabidin (Sem II 2009)	Decontamination of bacteria in transport fluid, oral cavity and intestine of leeches using tetracycline	Main	Completed
30	Aliya Ahmad (Sem I 2010)	UV radiation and oxidative stress responses of Port Dickson isolates	Main	Completed
31	Asbiyatulaida Derahman (Sem I 2010)	Antibiotic and heavy metal resistance in marine bacteria isolated from fishes sampled in Port Dickson	Main	Completed
32	Clarida Mawat (Sem I 2010)	Antibacterial and heavy metal resistance in Bacteria isolated from Pengkalan Balak, Melaka	Main	Completed
33	Erda Syerena Rosli (Sem I 2010)	Ultraviolet and oxidative stress responses in Pantai Padang Kemunting and Pantai Pangkalan Balak isolates	Main	Completed
34	Amiratul Hanisah Amirruddin (Sem II 2010)	Colonization effect of <i>Streptococcus pyogenes</i> on the <i>Aeromonas</i> sp. population /	Main	Completed
35	Nor Arina Radzi (Sem II 2010)	Colonization effect of <i>Klebsiella pneumonia</i> on the <i>Aeromonas</i> sp. population	Main	Completed
36	Muhamad Amir bin Abdul Latif (Sem II 2015)	Isolation and Characterization on Lipase Producing Bacteria from Marine Water of Port Klang	Main	Completed
37	Nurazimah binti Aziz (Sem II 2015)	Isolation and Characterization of Lipase Producing Bacteria from Klang River	Main	Completed
38	Diyana Sakinah Mohamed Soder (Sem I 2016)	Identification of UVB Resistance Cyanobacteria Possessing Photoprotectant Compound (MAAs) from Sediment Samples at Bagan Lalang Beach	Main	Completed

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39	Nurliyana bt Mohd Yusof (Sem I 2016)	Identification of UV Resistant Compound in Cyanobacteria in Water Samples from Bagan Lalang	Main	Completed
40	Nur Amalina Niza Zamani (Sem I 2016)	Identification of UVB Resistant Cyanobacteria Possessing MAAs from Morib Water Samples of Morib Beach	Main	Completed
41	Nurkhairunnisa Ahmad (Sem II 2016)	Isolation of Freshwater Cyanobacteria Resistant Towards UVB	Main	Completed
42	Nurharnida Hanim Zamrin (Sem II 2016)	Isolation of Freshwater Bacteria Resistant Towards UVB	Main	Completed
43	Shuhail Khaliffa Mohd Fuad (Sem I 2017)	Molecular Identification of UV Tolerant Marine Cyanobacteria	Main	Completed
44	Nur Hidayah Sulaiman (Sem I 2017)	Molecular Identification of Barnacles Species taken from Artificial Substrata of Morib Jetty using 18s rDNA	Main	Completed
45	Nur Aisah Kasbollah (Sem I 2017)	Molecular Identification of Barnacles Species taken from Artificial Substrata using Cytochrome C Oxidase Subunit I Gene (COI)	Main	Completed
46	Mohamad Firdaus Osman (Sem II 2017)	Characterization of Two Antarctic Cyanobacterial Isolates from Signy Islands with Tolerance Towards UVB Radiation	Main	Completed
47	Nur Alya Syahida Mohd Nasir (Sem II 2017)	Characterization of Two Antarctic Cyanobacteria Isolates from Signy Islands, South Antarctic Ocean with Resistance Towards UVB Radiation	Main	Completed
48	Amir Hamzah bin Mohd Halim (Sem II 2018)	Identification of Lipase Producing Isolates from Automotive Workshop	Main	On-going
49	Nur Shafira Sakri (Sem II 2018)	Identification of Lipase Producing Isolates from garbage dumpsite	Main	On-going
50	Alya NurAthirah Kamaruzzaman (Sem II 2018)	Identification of freshwater Lipase Producing Isolates	Main	On-going
51	Fatimatuz Zaharah Mohd Khalid (Education student)	Exploring Relationship Between Different Mode of Student Entries, Academic English Writing Skills and Performance in Answering Higher Order Thinking Skills (HOTS) Questions	Main	Completed
52	Nazreena Abdullah (Education student)	Exploring Relationship Between Different Mode of Student Entries, Academic English Writing Skills and Performance in Answering Higher Order Thinking Skills (HOTS) Questions in UiTM Cawangan Negeri Sembilan, Kampus Kuala Pilah	Main	Completed

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E. PROJECT (POSTGRADUATES)

	STUDENT'S NAME	TITLE	STATUS (MAIN/CO-SUPERVISOR)	STATUS (COMPLETED/ON-GOING)
1	Aisyah Mohamad Ismail	Phylogenetic Relationships of The Orang Asli in Taman Negara Based on <i>Alu8</i> Bi-Allelic Markers	Co-supervisor	Completed
2	Farhana Izam Suhaimi	Detection of Lipase Gene of a Local Soil Bacteria Isolated From Domestic Waste Sites	Co-supervisor	Completed
3	Nurul Nasuha Roseman	Genetic Analysis of Barnacles (Fam: Balanidae) at Bagan Pasir and Pasir Penambang, Kuala Selangor.	Co-supervisor	Correction post Viva-Voce

F. COMMUNITY SERVICE

NO.	COMMUNITY SERVICE(S)	YEAR
1	MISA6 Outreach Program 1 on polar ecosystem in Sekolah Menengah Kebangsaan Bukit Jambul, Pulau Pinang	16 th April 2013
2	Mesyuarat PIBG Pelajar Pendidikan Khas in SK Raja Muda di Dataran SKRM	5 th March 2016
3	Pertandingan Tenpin Boling PPKI SK Raja Muda in Plaza Alam Sentral	24 th April 2016
4	Hari Keluarga Pelajar Pendidikan Khas SK Raja Muda in Kinrara Resort, Puchong	6-7 th August 2016
5	Gotong Royong Perdana SKRM di Sekolah Kebangsaan Raja Muda	13 th August 2016
6	Majlis HiTea Tautan Kasih PPKI SK Raja Muda in INTEKMA Resort Shah Alam	5 th November 2016
7	Science is Fun: Spend your time with special children di Sekolah Kebangsaan Raja Muda (Sekolah Berprestasi Tinggi)	22 nd April 2017
8	Bake with Love (Charity project of baking raya cookies for underprivileged students of SK Raja Muda Shah Alam)	2 nd June 2018

OTHER RELEVANT INFORMATION