

**CURRICULUM VITAE**

**NAME** : WAN RAZARINAH BT WAN ABDUL RAZAK

**ADDRESS** : EWX219 CENTRE OF BIOLOGICAL STUDIES,  
FACULTY OF APPLIED SCIENCES,  
UNIVERSITY OF INSTITUTE TECHNOLOGY MARA,  
40450, SHAH ALAM,  
SELANGOR

**TELEPHONE NO.** : 03-55438489

**FAX NO.** : 03-55444562

**EMAIL** : razarina408@salam.uitm.edu.my

**ACADEMIC QUALIFICATIONS**

<b>QUALIFICATIONS, SPECIALISATION</b>	<b>AWARDING INSTITUTION, COUNTRY</b>	<b>YEAR</b>
PHD, ENVIRONMENTAL MICROBIOLOGY	UNIVERSITI MALAYA, MALAYSIA	2014
MSc. SCIENCE BIOLOGY	UNIVERSITI SAINS MALAYSIA, MALAYSIA	1999
BSc. APPLIED BIOLOGY (BIOTECHNOLOGY)	UNIVERSITI SAINS MALAYSIA, MALAYSIA	1994

**CURRENT PROFESSIONAL MEMBERSHIP**

MALAYSIAN BIOSAFETY AND BIOSECURITY ASSOCIATION (MBBA)

**CURRENT TEACHING AND ADMINISTRATIVE RESPONSIBILITIES**

<b>CURRENT TEACHING COURSE(S)</b>	<b>CURRENT ADMINISTRATIVE RESPONSIBILITIES</b>
EXPERIMENTAL BIOLOGY: DESIGN & ANALYSIS (BIO610)	COORDINATOR PROGRAMME OF PURE BIOLOGY, FSG
FOOD BIOTECHNOLOGY (FST731)	

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### PREVIOUS EMPLOYMENT

NO.	EMPLOYER	DESIGNATION	YEAR
1.	Biochem Laboratories Sdn. Bhd., Penang, Malaysia.	Microbiologist	1997 - 2003

### CONFERENCES AND TRAINING

NO.	CONFERENCES/TRAINING	VENUE	YEAR
1.	8TH INTERNATIONAL CONFERENCE ON BIOTECHNOLOGY AND FOOD SCIENCE – ICBFS 2017.	SEOUL, KOREA	2017
2.	INTERNATIONAL WORKSHOP AND LECTURE ON EMERGING TECHNOLOGIES AND MANAGEMENT OF MICROBIAL RESOURCES.	BANGKOK, THAILAND	2017
3.	INTERNATIONAL SYMPOSIUM OF MALAYSIAN & TURKISH NATIVE PLANT SPECIES APPLICATIONS.	FACULTY OF APPLIED SCIENCES, UITM	2017
4.	SIMPOSIUM BIOTEKNOLOGI 2017.	PETALING JAYA, SELANGOR	2017
5.	4TH INTERNATIONAL CONFERENCE ON SCIENCE & SOCIAL SCIENCE RESEARCH 2017 (CSSR 2017).	MELAKA, MALAYSIA	2017
6.	SCIENTIFIC RESEARCH INVENTION & INNOVATION COMPETITION 2017.	FACULTY OF APPLIED SCIENCES, UITM	2017
7.	INTERNATIONAL WORKSHOP ON PROMOTION OF GREEN ECONOMY WITH PALM OIL INDUSTRY FOR BIODIVERSITY CONSERVATION.	KUALA LUMPUR, MALAYSIA	2017
8.	WORKSHOP IMPLEMENTING A BIORISK MANAGEMENT SYSTEM IN THE FACULTY OF APPLIED SCIENCES, UITM.	FACULTY OF APPLIED SCIENCES, UITM	2016
9.	INTERNATIONAL CONGRESS OF MALAYSIAN SOCIETY FOR MICROBIOLOGY (ICMSM 2015).	PENANG, MALAYSIA	2015

## CURRICULUM VITAE

## RESEARCH

## A. FINAL YEAR PROJECT (UNDERGRADUATES)

STUDENT'S NAME	TITLE	STATUS (MAIN/CO-SUPERVISOR)	STATUS (COMPLETED/ON-GOING)
MOHAMMAD IKHMAL ALIF BIN ISMAIL	Antimicrobial activity of Aromatic plant extract, <i>Murraya koenigii</i> on foodborne pathogens.	MAIN	ON-GOING
NUR AAINAA BT NOOR AZLAN	Antimicrobial activity of Cocoa waste extract against foodborne pathogen.	MAIN	ON-GOING
FATINUR SHAZWANI BT SELAMAT	Antimicrobial properties of Marine Red algae extract against human pathogen.	MAIN	COMPLETED
NUR QAMARINA BT ISMAIL	Antimicrobial potential of Marine Green Macroalgae extract, <i>Caulerpa</i> sp. against human pathogens.	MAIN	COMPLETED
NOR NABILAH BT SHAMSUDIN (2013576007)	The Effect of Subject Combination on Students' Achievement in Biology.	MAIN	COMPLETED
IFFAH NADHIRAH BT HAMZAH (2014824076)	Effect of dipping and brushing Calamansi ( <i>Citrus microcarpa</i> ) with green tea extracts on its storage stability.	CO-SUPERVISOR	COMPLETED
NURSYAFIQAH BT MOHD YUSUF (2014444514)	Shelf life extension of calamansi fruit ( <i>Citrus microcarpa</i> ) coated with chitosan-cinnamon coating solution.	CO-SUPERVISOR	COMPLETED
SYAHIRA AMIRA BT KHALID (2014182877)	Effect of coating Calamansi ( <i>Citrus microcarpa</i> ) fruits with <i>Cymbopogon citratus</i> extraction on the microbial and physical characteristics during storage.	CO-SUPERVISOR	COMPLETED
NUR 'ALYAA NAJIHAH BT AZMI (2015659554)	Effect of brushing Calamansi ( <i>Citrus microcarpa</i> ) with ginger ( <i>Zingiber officinale</i> ) extract on the microbial and physical characteristics during storage.	CO-SUPERVISOR	COMPLETED

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SYERIL NURFATIAH BT SUHAIMI	Determination of total phenolic content, antioxidant activity and antimicrobial activity of fruit waste (cocoa, banana and pineapple).	CO-SUPERVISOR	COMPLETED
NURAIN NAJIAH BINTI SHAHAR	Antimicrobial activity of Marine Brown algae extract against human pathogen.	MAIN	COMPLETED
PUTERI NURALIA BINTI NORDIN	Antimicrobial activity of Marine Red algae (Rhodophyta) against human pathogens.	MAIN	COMPLETED
BATRISYIA SYAZANA BINTI FARIDON	Antimicrobial activity of Green algae extract against human pathogen.	MAIN	COMPLETED
NOOR FARINNA BINTI ABDUL RAHIM	Antimicrobial properties of Green algae extract using methanol and ethanol solvent against human pathogens.	MAIN	COMPLETED
SYARIFAH LIYANA BINTI SYED MAHADI (2013697472)	Exploring relationship between different mode of student entries, academic English writing skills and performance in answering Higher Order Thinking Skills (HOTS) questions.	MAIN	COMPLETED
NURSIRHAN ATHIRAH BINTI SHARKAWI	Antimicrobial properties of monolaurin found in coconut oil.	MAIN	COMPLETED
NUR AMALINA BINTI ALIAS	Degradation of palm oil mill effluent (POME) by <i>Trichoderma harzianum</i> and <i>Bacillus cereus</i> .	MAIN	COMPLETED
SYAMIMI LIYANA BINTI HASHIMI	Optimization of physical parameters and nutrient sources on biomass production of <i>Trichoderma</i> sp.	MAIN	COMPLETED
NOOR AMIRA BINTI MD. SALIMIM	Distribution of terrestrial algae at coastal and forestry area and its relation to the bark pH.	MAIN	COMPLETED

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AMALYENA BINTI TANNASIR	Effect of Dates concentration on quality of Sweet Bun.	CO-SUPERVISOR	COMPLETED
AIN SYAFIQA BT AZMI	Antibacterial activity of <i>Melastoma defemfidum</i> .	MAIN	COMPLETED
NORSYAQILAH AMIRA BT OSMAN	Antifungal activity of <i>Melastoma decemfidum</i> .	MAIN	COMPLETED
ERNA PATRESIA BINTI MAHALAN	Isolation and screening of cellulolytic fungi from waste of oil palm industry.	MAIN	COMPLETED
LATIFAH BT AHMAD	Screening and identification of laccase production by microorganisms isolated from landfill and coastal area.	MAIN	COMPLETED
MOHD AIZUDDIN B. MOHD LAZALDIN	Screening of potential lignin-degrading microorganisms from lignocellulosics materials.	MAIN	COMPLETED
NURAZMIRA BT. AHMAD	Screening and identification of lignin peroxidase and manganese peroxidase production by microorganisms isolated from landfill.	MAIN	COMPLETED
NURUL SYAFIQA BT. ZULKIFLI	Screening and identification of lignin peroxidase and manganese peroxidase production by microorganisms isolated from coastal area.	MAIN	COMPLETED
NUR SYASYA BINTI MOHD SAUFI	Detection of spoilage microorganisms in covered and exposed milk of different types of milk.	MAIN	COMPLETED
DG.NUR FASHAREENA BINTI DATU MD. NOOR	The microbiological quality of drinking water from water dispenser at	MAIN	COMPLETED

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	different college in UiTM Shah Alam.		
IZREEN BINTI IKMAL HAKIMI	Comparative study of antifungal activity of citrus peel essential oil.	MAIN	COMPLETED
SHIMA NOORSABARINA BINTI ROZAIMI	Antifungal activity of Neem ( <i>Azadirachta indica</i> ) leaves extract on fungi.	MAIN	COMPLETED
MAWAR NAZMI BT AZMI	Effects of red onion ( <i>Allium cepa L.</i> ) on physicochemical, microbial and sensory properties of flat noodles.	CO-SUPERVISOR	COMPLETED
SITI BALQIS BT MUHAJER	Effect of 'kari' and 'pegaga' leaf powder on the quality of flat noodle.	CO-SUPERVISOR	COMPLETED

## B. PROJECT (POSTGRADUATES)

STUDENT'S NAME	TITLE	STATUS (MAIN/CO-SUPERVISOR)	STATUS (COMPLETED/ON-GOING)
BAZLEE BIN ABU BAKAR (2017857194)	Antimicrobial Activity Of Selected Aromatic Plants & Its Chemical Determination.	MAIN	ON-GOING
'IZZATI NASUHA BINTI ISMAIL. (MSc.)	Physiological and antimicrobial activities of endangered medicinal plant ( <i>Melastoma decemfidum</i> ).	MAIN	ON-GOING
ANIS MARDHIYAH BINTI MAZLAN. (MSc.) (2014382377)	<i>Lactobacillus</i> spp. as antagonist against <i>Porphyromonas gingivalis</i> .	CO-SUPERVISOR	ON-GOING
NURUL NASUHA BT ROSEMAN. (MSc.)	Phylogenetic relationship of Barnacles (FAM: Balanidae) of Selangor coast Malaysia.	CO-SUPERVISOR	ON-GOING

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NURFARAHANA JASMIN BT MOHAMAD YUSUF. (MSc.)	Characterization of PHA producing bacteria using cocoa waste as a carbon source.	MAIN	COMPLETED
SITI NAIMAH BINTI SHAMSUDDIN. (PhD.) (2014560615)	Development of <i>Escherichia coli</i> physical pattern classifier (EPPC) mode based on water physical parameter using ANN.	CO-SUPERVISOR	ON-GOING
NORAKMA BT MOHD NOR. (PhD.)	Enhancement of Bioactive Compounds of Seaweed ( <i>Kappaphycus alvarezii</i> ) through Microbial Fermentation using <i>Aspergillus oryzae</i> .	CO-SUPERVISOR	ON-GOING
NURUL HUDA BINTI CHE ISA. (MSc.)	Antimicrobial activity of <i>Melastoma decemfidum in vitro</i> culture plant and isolation of chalcone synthase gene.	MAIN	COMPLETED
NURUL AMMAR ILLANI BINTI JAAFAR. (MSc.)	Potential probiotic of <i>Lactobacillus</i> sp., lactic acid bacteria (LAB) from stingless bee gut in Malaysia.	MAIN	COMPLETED
NURUL 'AMIRAH BINTI AZIZ. (MSc.)	Antimicrobial and antioxidant activities of selected underutilized fruits.	CO-SUPERVISOR	COMPLETED

## PUBLICATIONS

2018

## Journal article

- 1) **Wan Razarinah W.A.R.\***, Rizlan Ross, E.E.\*, Nor Farinna Abdul Rahim, Batrisyia Syazana Faridon and Khairul Adzfa Radzun. (2018). Antimicrobial activity of marine green algae extract against microbial pathogens. Malaysian Journal of Biochemistry & Molecular Biology, 2, 42 – 46. {SCOPUS index}.

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**Proceeding Paper**

- 1) Bazlee, A.B., **Wan Razarinah, W.A.R.**, Che Puteh, O. (2018). Antimicrobial activity of *Murayya koenigii* leaves (Curry leaves) on selected foodborne pathogens. Paper presented at Malaysian Society for Microbiology Postgraduate Seminar 2018, Dewan Annex Universiti Teknologi MARA, Shah Alam, Selangor, 9th October 2018.
- 2) Norakma, M.N., Zaibunnisa, A.H., **Wan Razarinah, W.A.R.** (2018). The Effects of Microbial Fermentation on Antibacterial Activity of Seaweed (*Kappaphycus alvarezii*) Extracts. Paper presented at Seminar on Frontier Materials and Industrial Applications 2018 (SFMIA2018), Seminar Hall IBE UiTM, 4th September 2018.
- 3) Norakma, M.N., Zaibunnisa, A.H., Siti Hafisah, M.H., **Wan Razarinah, W.A.R.** (2018). Fermented *Kappaphycus alvarezii* as Food Ingredient in Chili Sauce. Paper presented at 2nd Breakthrough Invention Innovation and Design Exhibition 2018 (BiiDE2018), Dewan Titiwangsa, Universiti Teknologi MARA, Pahang Branch, Raub Campus, 14th May 2018.

**2017****Journal article**

- 1) **Wan Razarinah Wan Abdul Razak**, Nurul Huda Che Isa, Siti Saizah Mohd Said and Norrizah Jaafar Sidik. (2017). Antimicrobial Activity of *Melastoma decemfidum* Leave Extract against Human Pathogen. *International Journal of Life Sciences Biotechnology and Pharma Research*, 6(1), 22-25. (SCOPUS Index).
- 2) Izzati Nasuha Ismail, **Wan Razarinah Wan Abdul Razak\***, Norrizah Binti Jaafar Sidik, and Siti Saizah Mohd Said. (2017). Antibacterial Activity of Flower, Leave and Stem Extract of *Melastoma decemfidum*. *International Journal of Life Sciences Biotechnology and Pharma Research*, 6(1), 13-17. (SCOPUS Index).

**Proceeding Paper**

- 1) **Wan Razarinah Wan Abdul Razak**, Ernie Eileen Rizlan Ross and Khairul Adzfa Radzun. (2017). Antimicrobial Activity of Marine Green Algae Extract Against Human Pathogen. Paper presented at 4th International Conference on Science & Social Science Research, Malacca, Malaysia, 5-6 December 2017.
- 2) Rafidah Rasol, **Wan Razarinah Wan Abdul Razak\***, Sharipah Ruzaina Syed Aris, Nur Syimal'ain Azmi, Fatimatuz Zaharah Mohd Khalid and Syarifah Liyana Syed Mahadi. (2017). Relationship between Performances in English Proficiency Course with Students' Ability in Answering Higher Order Thinking Skills (HOTS) Questions in Molecular Biology Final Examination. Paper presented at 4th International Conference on Science & Social Science Research, Malacca, Malaysia, 5-6 December 2017.
- 3) Nurfarahana Jasmin M.Y., **Wan Razarinah W. A.R\*.**, Aziyah A. A., Shanti N., Ernie Eileen R.R., Zubir I. (2017). Screening of polyhydroxyalkanoates (PHA) producing bacteria from landfills by using cocoa pod husks as a carbon source. Paper presented at The International Congress of the Malaysian Society for Microbiology 2017 (ICMSM2017), Hotel Bangi-Putrajaya, Putrajaya, 4 - 7 December 2017.



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- 4) Norakma, M.N.A., Zaibunnisa, A.H.\*, **Wan Razarinah, W.A.R.** and Siti Hafisah, M.S.A. (2017). Fermented Seaweed with Enhanced Polyphenols. Paper presented at Melaka International Intellectual Exposition 2017, Bayou Lagoon Park Resort, Bukit Katil, Melaka, Malaysia, 8 November 2017.
- 5) **Wan Razarinah Wan Abdul Razak**, Nurul Huda Che Isa, Izzati Nasuha Ismail, Norrizah Jaafar Sidik, Siti Saizah Mohd Said. (2017) Antimicrobial Activity of *Melastoma decemfidum* Leave extract against Human Pathogen. Paper presented at 8th International Conference on Biotechnology and Food Science 2017 (ICBFS 2017), Hanyang University, South Korea, 11 – 13 April 2017. (SCOPUS Index).
- 6) Izzati Nasuha Ismail, **Wan Razarinah Wan Abdul Razak**, Siti Saizah Mohd Said. (2017). Antibacterial Activity of Flower, Leave and Stem Extract of *Melastoma decemfidum*. Paper presented at 8th International Conference on Biotechnology and Food Science 2017 (ICBFS 2017), Hanyang University, South Korea, 11 – 13 April 2017. (SCOPUS Index).
- 7) Norakma Mohd Nor, Zaibunnisa Abdul Haiyee, **Wan Razarinah Wan Abdul Razak** and Sharifah Karidah Syed Muhammad (2017). Enhancement and bioavailability of phenolic compounds in *Kappaphycus alvarezii* through solid substrate fermentation. Proceeding of 2<sup>nd</sup> International Conference on Separation Technology 2017, 15-16 April 2017, Pulau Spring Resort, Johor Bahru, Malaysia.

2016

## Journal article

- 1) Nurul Athirah Mohamad Adam, Norrizah Jaafar Sidik, Nurul Izzati Osman, **Wan Razarinah Wan Abdul Razak**. (2016). *In Vitro* Regeneration and Phytochemical Profile of Medicinal Plant *Melastoma decemfidum*. Int. J. Pharm. Sci. Rev. Res., 37(1), 36-41. (SCOPUS Index – Cite Score 2016: 3.76).

## Proceeding Paper

- 1) Nornajihah Ghazali, **Wan Razarinah W. Abd. Razak**, Ernie Eileen Rizlan Ross. (2016). Microbiological quality of selected malay salads from chosen market in Shah Alam, Selangor. Paper presented at 56th The IIER International Conference, Malacca, Malaysia, 22nd January 2016, ISBN: 978-93-85973-04-8.
- 2) Izzati Nasuha Ismail, **Wan Razarinah Wan Abdul Razak**, Siti Saizah Mohd Said. (2016). Antibacterial activity of the stem methanolic extract of *Melastoma decemfidum*. Paper presented as poster presentation at Malaysian Society for Microbiology Postgraduate Seminar 2016 (MSMPS2016), UKM, Bangi, Malaysia, 24 August 2016. (SCOPUS Index).
- 3) Nurul Huda Che Isa, **Wan Razarinah Wan Abdul Razak**, Norrizah Jaafar Sidik. (2016). Antimicrobial activity of In vitro *Melastoma decemfidum* plant against human pathogen. Paper presented at An International Multi-Disciplinary Graduate Conference of Terengganu (GraCe2016), Kuala Terengganu, Malaysia, 05 November 2016.
- 4) Siti Naimah Shamsudin, Mohd Hezri Fazalul Rahiman, Mohd Nasir Taib, Azizah Hanom Ahmad, **Wan Razarinah Wan Abdul Razak**. (2016). Analysis between *Escherichia coli*

## CURRICULUM VITAE

Growth and Physical Parameters in Water using Pearson Correlation. Paper presented at IEEE 7thControl and System Graduate Research Colloquium (ICSGRC). (SCOPUS Index).

- 5) Siti Naimah Shamsudin, Mohd Hezri Fazalul Rahiman, Mohd Nasir Taib, Azizah Hanom Ahmad, **Wan Razarinah Wan Abdul Razak**. (2016). NARX Modelling for *Escherichia coli* Growth based on pH Water Parameter. Paper presented at Malaysian Society Microbiology Postgraduate Seminar 2016 (MSMPS2016), UKM, Bangi, Malaysia, 24 August 2016. (SCOPUS Index).
- 6) Siti Naimah Shamsudin, Mohd Hezri Fazalul Rahiman, Mohd Nasir Taib, Azizah Hanom Ahmad, **Wan Razarinah Wan Abdul Razak**. (2016). Detection of *Escherichia coli* Presence for Onsite Biological Water Quality Using Pearson Correlation Analysis. Paper presented as poster presentation at IID FKE 2016.
- 7) Siti Naimah Shamsudin, Mohd Hezri Fazalul Rahiman, Mohd Nasir Taib, Azizah Hanom Ahmad, **Wan Razarinah Wan Abdul Razak**. (2016). Correlation analysis of Coliforms growth and physical parameters of river water in Antarctica. Paper presented as poster presentation at Scientific Committee Antarctic Research, 22-26 Aug 2016 (SCAR) International Conference.
- 8) Nurul Ammar Illani Jaafar, **Wan Razarinah Wan Abdul Razak**, Sharifah Aminah Syed Mohamad dan Faziah Umar. (2016). Mikroorganisma berasiosasi dengan lebah kelulut dari Malaysia. Paper presented at Persidangan Agrobiodiversiti Kebangsaan (NAC 2016), Kuala Terengganu, Malaysia, 4 Oktober 2016.
- 9) Nurul Ammar Illani Jaafar, **Wan Razarinah Wan Abdul Razak**, and Sharifah Aminah Syed Mohamad. (2016). Isolation of lactic acid bacteria (LAB) from Malaysian stingless bee gut and determination of its antimicrobial activity against selected bacterial pathogen. Paper presented at Regional Conference on Sciences, Technology and Social Sciences (RCSTSS2016), Cameron Highland, Pahang, Malaysia, 4 Disember 2016.

## 2015

1.	<p><b>Journal article</b></p> <p><b>Wan Razarinah, W.A.R.</b>, Noor Zalina, M., Noorlidah Abdullah. (2015). Utilization of the White-rot Fungus <i>Trametes menziesii</i> for Landfill Leachate Treatment. <i>Sains Malaysiana</i>. 44(3) 309–316. (ISI, Impact Factor - JCR/SE 2013 is 0.480, Q3).</p>
2.	<p><b>Proceeding Paper</b></p> <p><b>Wan Razarinah W. A. R.</b>, Noor Zalina Mahmood, and Noorlidah Abdullah. (2015). Treatment of leachate by immobilized coculture mycelia of <i>Ganoderma australe</i> and <i>Trametes menziesii</i>. Paper presented at International Congress of the Malaysian Society for Microbiology 2015 (ICMSM2015)<sup>®</sup>. Bayview Hotel, Batu Ferringghi, Penang. Disember 7-10, 2015. 25 pp.</p>

## CURRICULUM VITAE

2014

1.	<p><b>Journal article</b></p> <p><b>Wan Razarinah W. A. R.</b>, Noor Zalina Mahmood, and Noorlidah Abdullah. (2014). Treatment of landfill leachate by immobilized <i>Ganoderma australe</i> and crude enzyme. <i>ScienceAsia</i>, 40, 335-339. (ISI, Impact Factor - JCR/SE 2013 is 0.347, Q4).</p>
2.	<p><b>Proceeding Paper</b></p> <p><b>Wan Razarinah W. A. R.</b>, Noor Zalina Mahmood, and Noorlidah Abdullah. (2014). Effect of culture technique of <i>Ganoderma australe</i> mycelia on percentage removal of leachate organics. Paper presented at 5th International Conference on Science and Technology (ICSTIE2014). Parkroyal Penang Resort, Batu Ferringghi, Penang. September 17-18, 2014. 12-17 pp.</p>
3.	<p><b>Chapter(s) In Book</b></p> <p><b>Wan Razarinah W. A. R.</b>, Noor Zalina Mahmood, and Noorlidah Abdullah. (2014). A study of leachate characteristics collected from different landfills in Selangor. In <i>Synergy 2: TeSSHI 2012 Chapters on Social Sciences and Technology</i>. Salmah Roslim, Nurul Mazrah Manshor and Rohayati Hussin. Universiti Teknologi MARA Cawangan Kedah. 127-145 pp.</p>

2013

1.	<p><b>Journal article</b></p> <p>Noorlidah Abdullah, <b>Wan Razarinah W. A. R.</b>, Noor Zalina Mahmood, and Rosna Mat Taha. (2013). Treatment of landfill leachate using <i>Ganoderma australe</i> mycelia immobilized on Ecomat. <i>International Journal of Environmental Science and Development</i>, 4(5), 483-487.</p>
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2012

<b>Proceeding Paper</b>	
1.	<p><b>Wan Razarinah, W.A.R.</b>, Noor Zalina, M., Noorlidah Abdullah. (2012). Study of leachate characteristics from different landfills. Paper presented at Technology, Science, Social Sciences and Humanities International Conference, Langkawi, 14-15 November, pp. 1 – 13.</p>
2.	<p><b>Wan Razarinah, W.A.R.</b>, Noor Zalina, M., Noorlidah Abdullah. (2012). Bioremediation of leachate by white-rot fungus-<i>Trametes menziesii</i>. In proceedings of National Postgraduate Seminar, University of Malaya, Kuala Lumpur, 11<sup>th</sup> July, pp. 7-9.</p>

## CURRICULUM VITAE

2011

1.	<p><b>Proceeding Paper</b></p> <p><b>Wan Razarinah, W.A.R.</b>, Noor Zalina, M., Noorlidah Abdullah. (2011). Screening method for selecting the potential fungi for use in the bioremediation of leachate. Paper presented at 2<sup>nd</sup> International Conference on Environmental Science and Technology, IPCBEE, Singapore, 26-28 February, Vol. 6, pp. 191-194.</p>
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2010

1.	<p><b>Proceeding Paper</b></p> <p><b>Wan Razarinah, W.A.R.</b>, Noor Zalina, M., Noorlidah Abdullah. (2010). Screening of fungi for bioremediation of leachate. Paper presented at International Conference on Environmental Research and Technology, Penang, 2-4 June, pp. 273 – 276.</p>
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## CONSULTANCY

NO.	COMPANY/ INSTITUTION	YEAR
1.	BELLUS TERRA SDN. BHD. (925048-D)	2017 - 2022

## COMMUNITY SERVICE

NO.	COMMUNITY SERVICE(S)	YEAR
1.	Judge for “Pertandingan Drama Sains” during ‘SCIENCE EDUCATION FESTIVAL 2017’ (SCITECH2017), Fakulti Pendidikan, UiTM.	2017

## OTHER RELEVANT INFORMATION

## Reviewer for Scientific Article:

Title of Article	Date	Name of Journal
Stature Estimation Using Hand and Handprint Dimensions Among Malaysian Population.	November, 2017	Conference Secretariat International Conference on Science and Social Research (CSSR 2017)

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Decolorization of synthetic dyes by ligninolytic <i>Lysinibacillus sphaericus</i> BR2308 isolated from coastal wetland ecosystem.	October, 2017	Malaysian Applied Biology Journal
Production of biosurfactants by <i>Bacillus subtilis</i> ATCC6633 and <i>Pseudomonas aeruginosa</i> ATCC10145 under the influence of carbon and nitrogen sources and temperature.	August, 2017	Malaysian Journal of Analytical Sciences (MJAS)
The effect of dolomite and lime in pretreatment of chicken manure to produce methane.	June, 2016	Jurnal Teknologi, UTM Press Publisher
Isolation and Characterisation of a molybdenum reducing and detergent degrading <i>Staphylococcus</i> sp. strain zeid ii in soils from Sudan.	August, 2016	Journal of Malaysian Applied Biology
Filamentous Fungi from Animal Agricultural Farm Soil: Isolation, Characterization and Purification.	September, 2016	Conference Secretariat International Conference on Science and Social Research (CSSR 2016)
Local Sensitivity Analysis on Fuzzy Water Quality Assessment Model: Case Study of Inanam-Likas River Basin, Sabah.	November, 2016	The 7th International Conference on Postgraduate Education (ICPE-7)
Phytochemical screening and antibacterial activity of the leaves extract of <i>Azadirachta indica</i> on common skin infection bacteria.	November 2015	Jurnal Intelek (ISSN 1675-9885).