

**CURRICULUM VITAE**  
**DR. FAEZAH BINTI PARDI**



**PERSONAL DETAILS**

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**Date and Place of Birth** 9<sup>th</sup> May 1979; Kampar, Perak  
**Nationality** Malaysian  
**Current Employer** Universiti Teknologi MARA  
**Designation** Senior Lecturer  
**Department** School of Biology  
**Faculty** Faculty of Applied Sciences  
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**ACADEMIC QUALIFICATION**

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Degree : Ph.D  
Field : BIOLOGY  
Year : 2017  
Name and Place of : UNIVERSITI KEBANGSAAN MALAYSIA (UKM)

Degree : M.Sc.  
Field : CONSERVATION BIOLOGY  
Year : 2003  
Name and Place of : UNIVERSITI KEBANGSAAN MALAYSIA (UKM)

Degree : B.Sc. (Hons.)  
Field : BIOLOGY  
Year : 2001  
Name and Place of : UNIVERSITI KEBANGSAAN MALAYSIA (UKM)

## **PROFESSIONAL AFFILIATION/MEMBERSHIP**

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Malaysian Nature Society, Member, (National)

## **ADMINISTRATIVE DUTIES**

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1. Head of Sustainable Biodiversity & Environment

Institute for Biodiversity and Sustainable Development, Office of Deputy Vice-Chancellor (Research & Innovation)

2. Liaison Officer PTAR, Faculty of Applied Sciences, 1-Jan-2020 - present.

3. Final Year Project Coordinator, School of Biology, Faculty of Applied Sciences, 1-Jan- 2017 - present.

## **AREAS OF EXPERTISE**

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Forest Ecology

Biodiversity and Conservation Biology

Endemism and Rarity

Habitat Specialization of tropical forest vegetation

**Number of Years of Research Experience:** 14 years



## SELECTED PUBLICATIONS (2010-PRESENT)

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### Article In Academic Journals

1. Nurul Adibah Mokhtar, Hafiz-Afham Khaini, Azlan Abas, Harinder Rai Singh, **Faezah Pardi**, Nurul Aida Kamal Ikhsan, Hartini Mahiddin, Asmida Ismail. (2020). Lichen Biodiversity Index (LBI) as Bio-monitoring Tool for Air Pollution Assessment in Shah Alam, Selangor. *International Journal of Advanced Science and Technology*, 29(10s), 3490-3496.
2. Natasha, H., Nur 'Aqilah, M.B & **Faezah, P.** (2020). Floristic Variation of Tree Communities and Their Association with Soil Properties in Pulau Jerejak, Penang, Peninsular Malaysia. *Science Letters*. 14(1): 34-48.
3. Siti Sabrina, K., Nur Syakireen, I., Nhawal Aminie, S., Nor Hafizah, AH. & **Faezah, P.** (2019). Indigenous Knowledge and Herbs Recognition Among Students in Foundation of Science Programme at Centre of Foundation Studies, UiTM Cawangan Selangor, Kampus Dengkil- A Case Study. *International Conference on Design Industries & Creative Culture 2019*. Azhari, M.H., Wan Nor Faaizah, W.O., Hasnul Azwan, A., Abdullah, K.I. (eds.) Kedah, Malaysia, 19th -20th June 2019. Faculty of Art & Design, Universiti Teknologi MARA Kedah. 1-9.
4. Nik Norafida, N.A., Nizam, M.S., Wan Juliana, W.A. & **Faezah, P.** (2018). Edaphic Relationships Among Tree Species in the Kapur (*Dryobalanops aromatica* Gaertn.f.) Forests of Peninsular Malaysia. *Advances in Environmental Biology*. 12(2): 11-16

5. Nik Norafida, N.A., Nizam, M.S., Wan Juliana, W.A. & **Faezah, P.** (2018). Species richness and floristic variation of tree communities in *Dryobalanops aromatica* Gaertn. f. dominated forests of Peninsular Malaysia. *Malayan Nature Journal*. 70(3): 323-331.
6. **F. Pardi.**, M. N. Mohd Said., A. Ismail., N. J. Sidik., K. A. Radzun., H. N. Ruziman. & S. S. Kasri. (2018). Tree Diversity, Stand Structure, and Community Composition in an Island Forest of Pulau Perhentian Besar, Terengganu. *International Journal of Engineering & Technology*, 7 (4.14) 31-35.
7. **F. Pardi.**, M. N. Mohd Said., A. Ismail., N. J. Sidik., K. A. Radzun. & N. S. Ishak. (2018). Floristic Variation of Tree Communities in Island Forests of Pulau Tuba and Gunung Raya Forest Reserve, Langkawi. *International Journal of Engineering & Technology*, 7 (4.14) 36-39.
8. N. D. A. Kamaruzzaman., A. Saleh., **F. Pardi.**, N. Ahmat. & N. J. Sidik (2018). Effect of Different basal Media on Callus Growth and Morphology of *Barringtonia racemosa* L Endosperms Explant. *International Journal of Engineering & Technology*, 7 (4.14) 102-106.
9. D. S. M. Soder., D. N. A. A. Khalid., A. Saleh., **F. Pardi.** & N. J. Sidik (2018). Callus Formation on Endosperm from Immature and Mature Fruits of *Barringtonia racemosa*. *International Journal of Engineering & Technology*, 7 (4.14) 107-111.
10. **Faezah, P.**, Nizam, M.S., & Rohaiza, D. (2017). Species Richness and Floristic Variation of Tree Communities in Island Forests of Langkawi Archipelago, Peninsular Malaysia. *Advances in Environmental Biology*. 11(5) 70-78.
11. Mahfodz, Z., Musa, N.N., Hasmi, N.A., Ismail, H.N. & **Pardi, F.** (2017). Potential Breeding Sites for *Aedes Albopictus* and *Aede Aegypti*: Assessment against Different Container Types. *Journal of Fundamental and Applied Sciences*. 9(6S) 778-787.
12. Wan Zahera Alia, M. A., Asmida, I., **Faezah, P.**, Ihsan, A., Noor Akmal, A. W. & Ahmad, I. (2015). Community Structure of Tropical Rainforest Floor Vegetation at Different Zonation in Tasik Chini Forest Reserve, Pahang, Malaysia. Proceeding. International Conference on Applied Sciences and Industrial Technology.
13. Asmida, I., Ahmad, I., Nornanysya, F. K. & **Pardi, F.** 2013. Seaweeds Biodiversity in Selected Islands and Coastal Area of Johore, Malaysia. Proceeding. 2013 IEEE Symposium on Humanities, Science and Engineering. Penang, Malaysia. 23-25 June 2013. SCOPUS.
14. Asmida, I., Ahmad, I., **Pardi, F.** & Norrizah, J. S. 2013. Biodiversity of Seaweeds in Blue Lagoon, the Straits of Malacca, Malaysia. Proceeding. 21st International Seaweed Symposium. Bali, Indonesia. 21-26 April 2013.
15. **Pardi, F.**, Asmida, I., Siti Khairiyah, M. H. & Nadila, A. K. 2013. Community Structure of Saplings at Different Elevations of Gunung Ledang National Park. Proceeding. 2013 IEEE Symposium on Humanities, Science and Engineering. Penang, Malaysia. 23-25 June 2013. SCOPUS.
16. Asmida, I., Ahmad, I., Norrizah, J. S., **Faezah, P.** & Nornanysya F. K. 2013. Seaweeds Composition in Littoral Zone of Blue Lagoon, Port Dickson.

Proceeding. IEEE Symposium on Computers and Informatics 2013. Langkawi, Malaysia. 7-9 April 2013. SCOPUS.

17. **Faezah, P.**, Asmida, I., Siti Khairiyah, M.H., Norrizah, J.S. & Nuraini, C.A. (2013). Diversity and Tree Species Community at Bukit Nanas Forest Reserve, Kuala Lumpur. IEEE Business Engineering and Industrial Applications Colloquium (BEIAC). 846-850.
18. Siti Khairiyah, M. H., Noor Izzati, M.R. & **Faezah, P.** 2012. Species richness and temporal variation in the dragonfly and damselfly fauna at National Botanical Garden Shah Alam. IEEE Colloquium on Humanities, Science and Engineering Research
19. **Faezah, P.** & Farah, H.S. 2011. Composition of Gastropods in Mangroves of Tanjung Dawai and Pulau Sayak, Kedah. *Malaysian Applied Biology* 40(1): 13-17.

## Book

1. Kuala Keniam: Nature's Treasure Trove in the Heartland. Contributor to Flora Section. 2011. 143 pp. (ISBN 978-967-363-1551-1).
2. Mohd Abdul Fatah, A.M., Wan Ramlee, W.A.K., Azani, S. Faezah, P... (Eds.). (2019). Guidelines on Supervision, Assessment, Evaluation and Format for Student's Project, 3<sup>rd</sup> Edition. FSG Shah Alam, MY: UiTM Press.

## AWARDS AND RECOGNITIONS

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Anugerah Perkhidmatan Cemerlang- Fakulti Sains Gunaan - 2019

Gold Medal – "Automated Media and Growth Optimization System (AMGOS)", International Conference and Exposition on Inventions by Institutions of Higher Learning 2019 (PECIPTA 2019), Universiti Tun Hussein Onn Malaysia, Batu Pahat, Johor, 22-23 September 2019.

Gold Medal – "Automated Media and Growth Optimization System", 30<sup>th</sup> International Invention, Innovation & Technology Exhibition 2019, Kuala Lumpur, 2-4 May 2019.

Gold Medal – "Automated Media Optimisation System (AMOS) IIDEX2018, FSG UiTM, 15 August 24-28 September 2018.

Bronze Medal – "MOOC for Biological Diversity: The Wonder of Life", National e-Content Development Competition 2018 (eConDev2018), UiTM, 28 August 2018.

Best Poster Presenter- Title: Floristic Composition and Its Relationship with Soil Factors in Island Forest of Pulau Tuba and Gunung Raya Forest Reserve, Langkawi, 2nd International Conference on Applied Sciences and Industrial Technology (ICASIT 2018). 13-15 November 2018

## TEACHING EXPERIENCE

Course Code	Course Name	Level
1. BIO712	Sustainable Ecosystems	Masters in Applied Biology (AS730)
2. BIO722	Research Project I	Masters in Applied Biology (AS730)
3. BIO460	Biological Diversity	Bachelor of Science - Biology (AS201)
		Bachelor of Education - Biology (ED247)
		Bachelor of Science - Biology (AS201)
4. BIO510	Ecology	Bachelor of Environmental Technology - (AS29)
		Bachelor of Education - Biology (ED247)
5. BIO511	Genetics	Bachelor of Science - Biology (AS201)
6. EVT571	Environmental Remote Sensing	Bachelor of Environmental Technology - (AS29)
7. FSG611	Final Year Project I	Bachelor of Science - Biology (AS201)
8. FSG661	Final Year Project II	Bachelor of Science - Biology (AS201)

## POSTGRADUATE SUPERVISION

Student Name	Thesis Title	Status	Role
HASYA HANNANI BINTI RUZIMAN	COMMUNITY STRUCTURE, ENDEMISM AND EDAPHIC RELATIONSHIP OF TREE COMMUNITIES AT SELECTED FOREST RESERVES IN SELANGOR	Expected to complete in mid 2021	Main Supervisor
NATASHA BINTI HAMDAN	COMMUNITY STRUCTURE, DIVERSITY AND EDAPHIC RELATIONSHIP OF TREE COMMUNITIES AT DIPTEROCARP FOREST RESERVE	Viva passed on June 2020	Main Supervisor
NURUL ZAWANI BINTI ZOLKFILEE	RELATIONSHIP BETWEEN TREE SPECIES COMPOSITION, BIODIVERSITY AND SOIL OF ECOLOGICAL SYSTEMS OF SUNGAI LALANG FOREST RESERVE	Expected to complete in March 2021	Main Supervisor

MUHAMAD HAFIZ AFHAM BIN KHAINI	BIOMASS COMPARISON OF MANGROVE SPECIES IN SELANGOR, MALAYSIA	Viva passed on June 2020	Co-Supervisor
NURUL AINI BINTI HAMDAN	STUDY OF ALGAE AS BIOINDICATOR AND PHYSICOCHEMICAL OF WATER TO DETERMINE WATER QUALITY IN AQUACULTURE PONDS	Expected to complete in March 2021	Co-Supervisor

## EXAMINERS/ASSESSORS

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1. Jury for Asian Conference of Technology, Science & Innovation (ACoTSI 2019), FSG, UiTM
2. Advisor for Curriculum Revision of Bachelor of Science (Hons.) Marine Technology (AS254), Universiti Teknologi MARA, Perlis
3. Nurul Asyikin Binti Ya. Fish Diversity and Distribution of Sungai Sepang Besar Estuary, Selangor. Pre-Viva- M.Sc (AS751) (UiTM), 2019.
4. Wan Mohd Nabil Bin Mohd Nazri. Effect of Replanted Mangrove Size (Spatial Scales) on Gastropod Community, Abundance and Morphometrics. Defense Research Proposal- M.Sc (AS750)(UiTM), 2019.
5. Syarifah Haniera Binti Sheikh Kamal. Anatomical Characterization of Host-Parasitic Relationship between Tetrastigma Spp and Rafflesia spp. Defense Research Proposal- M.Sc (AS750)(UiTM), 2019.
6. Mustaqim Kamarul Ariffin. Fish Community Structure and Diet of Replanted Mangrove in West Coast of Peninsular Malaysia. Defense Research Proposal- M.Sc (AS730)(UiTM), 2018.
7. Bazlee Bin Abu Bakar. Antimicrobial Activity of Selected Aromatic Plants and Its Chemical Determination. Defense Research Proposal- M.Sc (AS751)(UiTM), 2018.
8. Nurul Adibah Binti Mokhtar. Lichen as Bio-Indicator for air Quality Assessment in Cameron Highlands, Pahang. Defense Research Proposal- M.Sc (AS730)(UiTM), 2018.
9. Zulkifli Bin Hamzah. Feeding and Behavioural studies of Common Clownfish, Amphiprior ocellaris and Tomato Clownfish, Amphiprior frenatus. Pre-Viva- M.Sc (AS780) (UiTM), 2018.
10. Ajmal Jahid. The Diversity, Abundance, Distribution and population Structure of the Mangrove Gastropods of Kuala Selangor Nature Park, Selangor. Pre-Viva- M.Sc (AS751) (UiTM), 2018.
11. Ihsan Bin Alwi. Three-phase field experiemnt to assess the Effect of Selected Abiotic Factors and Nitrogen Deposition of Epiphytic Terrestrial Algae. Pre-Viva- M.Sc (AS750) (UiTM), 2017.
12. Hamizah Hamzah. The Population Structure and Diet of the Mangrove Brachyura of the Kuala Selangor Nature Park, Selangor. Pre-Viva- M.Sc (AS730) (UiTM), 2017.

## Reviewer for Journal

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1. Biodiversitas Journal of Biological Diversity
2. Journal of Tropical Agricultural Science

## UNIVERSITY, FACULTY & STUDENT DEVELOPMENT

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### Committee

Facilitator, Science, Technology, Engineering and Mathematic Committee (STEM) 2017  
Committee, Anugerah Kecemerlangan Naib Canselor (AKNC) 2019

## INTERNATIONAL AND NATIONAL LEVEL RESEARCH COMMITTEE

Name of Research Committee	Hosting Secretariat/Country	Year
1. Asia Pacific Network for Sustainable Agriculture, Food and Energy (SAFE Network)	Indonesia	2017-2019
2. Malaysian Society of Applied Biology (MSAB)	Universiti Kebangsaan Malaysia	2018

## RESEARCH GRANTS AND CONSULTATION

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### National Level Research

Title	Source	Total fund	Year	Role
Kajian Impak Kempen Pembudayaan Norma Baharu	Agensi Pengurusan Bencana Negara (NADMA)	RM300,000	2020	Member
Understanding The Ecological Consequences Of Climate Change To Forest Growth Pattern In Peninsular Malaysia	KURSI PERUBAHAN IKLIM UKM-YAYASAN SIME DARBY	RM25,000	2020-2022	Project Leader



Media Enhancement for Biomass and Soil-Crop Vitality Functions Of Effective Microbes (EM) Via Automated Media Optimization System.	Ministry of Higher Education- FRGS Grant	RM106,000	2019-2021	Member
Linking Spot-5 Imagery and Ground Information for Carbon Model Projections in Rubber and Oil Palm Plantations	Ministry of Higher Education- ERGS Grant	RM73,000	2013-2016	Member
Mangrove Community Structure as Indicator of Ecosystem Disturbance	Ministry of Higher Education- FRGS Grant	RM43,000	2008-2011	Member
Kajian Pengenalpastian Status Alam Sekitar dan Keupayaan Tampungan Pulau Sipadan, Sabah	Academy of Sciences Malaysia (ASM)	RM400,000	2005-2007	Member
Kajian Impak Fizikal dan Sosio-ekonomi Bencana Tsunami 2004 di Malaysia.	Academy of Sciences Malaysia (ASM)	RM100,000	2005-2006	Member
Bandar Lestari Environment Award (LESTARI & Department of Environment)	Department of Environment, Ministry of Energy, Science, Technology, Environment & Climate Change	RM732,000	2003-2005	Member
Sustainable Science And Governance: Development Of An Integrated Framework	UKM	RM170,000	2003-2005	Member

### University Grant Research

Title	Source	Total fund	Year	Role
Discover The Biodiversity Of Langkawi's Tuba Island	LESTARI SDG Triangle Grant	RM20,000	2019-2021	Project Leader

An Ecological Assessment of Insect Diversity from Island Ecosystem	LESTARI SDG Triangle Grant	RM20,000	2019-2021	Member
Conservation Values Of Limestone Forest Stands In Selected Island Ecosystems Of Langkawi Archipelago	LESTARI Grant	RM20,000	2017-2019	Member
A Study Of Air Quality Status Using Lichens And Algae Across Pollutant Gradient In Peninsular Malaysia	Excellent Fund UiTM	RM20,000	2017-2019	Member
Phenology And Edaphic Characteristics Of Dryobalanops Aromatica In Inland Dipterocarp Forest Of Peninsular Malaysia.	LESTARI Grant	RM20,000	2017-2019	Member
The Susceptibility Of Aedes Mosquitoes: Assessment Against Insect Growth Regulators And Common Group Of Insecticides.	IRAGS Grant	RM20,000	2015-2018	Project Leader
Labeling Of Forest Trees, Trails & Infrastructures Of Research Station In Kuala Keniam	Kuala Keniam Grant	RM62,500	2017-2018	Member
Response Of Forest Vegetation Communities To Elevated Concentration Of Greenhouse Gases	Excellent Fund UiTM	RM12, 787	2012-2014	Member
Effects Of Nitrogenous Gases On The Distribution And Diversity Of Epiphytic Algae And Lichen	Excellent Fund UiTM	RM17,658	2012-2014	Member
Spatial Ecology, Habitat Preference And Habitat Management Of Parasitoids In Oil Palm Plantation	Excellent Fund UiTM	RM25,585	2012-2014	Member

## Consultancy

Title	Source	Total fund	Year	Role
FLORA AND FAUNA MONITORING PROJECT	DAIKIN STEEL MALAYSIA SDN. BHD.	RM10,000	2018	Member

## Referee

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1) Prof. Dr. Hjh. Farida Zuraina Mohd Yusof,  
Dean,  
Faculty of Applied Sciences,  
Universiti Teknologi MARA,  
40450 Shah Alam, Selangor.

2) Prof. Dr Mohd Nazip Suratman  
Deputy Vice-Chancellor  
(Research and Innovation)  
Universiti Teknologi MARA,  
40450 Shah Alam, Selangor.

3) Prof. Dr. Mohd Nizam Mohd Said,  
Director,  
Institute of Climate Change,  
Universiti Kebangsaan Malaysia,  
43600 UKM Bangi, Selangor.

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