



#### **CURRICULUM VITAE**

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## CURRICULUM VITAE

| <b>A. MAKLUMAT UMUM (GENERAL INFORMATION)</b>    |   |
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| <b>Nama (Name)</b>                               | NORMALA BINTI ISMAIL  |
| <b>Gelaran (Title)</b>                           | DOKTOR  |
| <b>Jawatan (Position)</b>                        | PENSYARAH KANAN   |
| <b>Kelayakan (Qualification)</b>                 | P.hd Agricultural Education (Iowa State, USA); Master of Science (Technical & Vocational Edu), UPM; Bac. of Edu. (Agriculture Science), UPM |
| <b>Jabatan (Department)</b>                      | <b>Department of Science &amp; Technical Education</b><br>Jabatan Pendidikan Sains & Teknikal   |
| <b>Bidang Kepakaran (Area of Specialisation)</b> | <b>Agricultural Education</b><br>Pendidikan Sains Pertanian   |
| <b>Email</b>                                     | malaismail@upm.edu.my   |
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| <b>B. BIODATA</b>  |
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| <p>Normala Bt Ismail mendapat pendidikan awal di Sek. Keb. Pmtg. To Kandu, P.Pinang dan pendidikan menengah di Sek. Men. Keb. Convent, Butterworth, P.Pinang. Beliau melanjutkan pelajaran ke peringkat Diploma di Universiti Putra Malaysia, Serdang dalam bidang Pertanian (2003-2006) dan Bachelor dalam bidang Pendidikan Sains Pertanian (2006-2009) di universiti yang sama. Beliau mula dilantik sebagai tutor di Fakulti Pengajian Pendidikan, Universiti Putra Malaysia bermula Oktober 2009. Beliau berjaya mendapatkan ijazah Master of Science (PTV) pada 2013 dari UPM dan Ph.D dalam bidang Pendidikan Sains Pertanian dari Iowa State University, USA. Bidang kepakaran beliau ialah Pendidikan Sains Pertanian.</p> <p>Normala Ismail received her early education from Sek.Keb. Pmtg. To Kandu, Penang and completed her secondary school at Convent Secondary School, Butterworth, Penang. She obtained Diploma Agric. (2006-2009) and Bachelor of Education (Agric.) (2006-2009) from University Putra Malaysia, Serdang. She was appointed as a tutor at Faculty of Educational Studies, University Putra Malaysia since October 2009. She received Master of Science (Technical and Vocational Education) from UPM, and Ph.D in Agricultural Education from Iowa State University, USA. Her expertise is on Agricultural Education.</p> |

| <b>C. BIDANG PENYELIDIKAN (RESEARCH AREA)</b>   |
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| Recruitment and retention, teaching career, teaching and learning in agricultural education, teacher education, teaching as a career choice among student teachers, agriculture teacher training program, teachers' motivation to teach and continue teaching, and self-efficacy, curriculum and instruction & educational technology in TVET |

| <b>D. PENYELIDIKAN SEMASA (CURRENT RESEARCH)</b>   |
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| Agriculture Teachers' Recruitment and Retention, Teaching and Learning, Curriculum for Agriculture Science Education & Educational Technology in TVET. |

## E. PENERBITAN (PUBLICATION)

### Journal

1. Bakar, A.R, Hamzah, R & **Ismail N.** Teaching as a career choice. A discriminant analysis of factors as perceived by technical and vocational education (TVE) student teachers. Paper published in Middle- East Journal of Scientific Research 19, 69-75 (2014).
2. 2018 **Normala Ismail** & Greg Miller  
Motivations to Teach and Plans to Continue Teaching for High School Agriculture Teachers in Iowa. NACTA 2018 Conference, Iowa, USA.  
Abstract accepted for presentation.
3. 2018 **Normala Ismail** & Greg Miller  
Factors that Motivate High School Agriculture Teachers to Teach, Journal of Agricultural Education (Peer Review)
4. 2018 **Normala Ismail** & Greg Miller  
Predicting High School Agriculture Teachers' Intentions to Continue Teaching Based on Their Personal and Professional Needs. Journal of Agricultural Education (Submitted)
5. 2016 **Normala Ismail** & Greg Miller  
Intrinsic, extrinsic and altruistic motivation factors for high school agriculture teachers to teach: A new conceptual framework. National American Association for Agricultural Education (AAAE) Conference, West Lafayette, USA. Abstract accepted for presentation.
6. Takko, M., Jamaluddin, R., Kadir, S. A., Ismail, N., Abdullah, A., & Khamis, A. (2020). Enhancing Higher-Order Thinking Skills among Home Science Students: The Effect of Cooperative Learning Student Teams-Achievement Divisions (STAD) Module. International Journal of Learning, Teaching and Educational Research, 19(7), 204-224.
7. Ismail, N., & Miller, G. (2021). Factors that Motivate High School Agriculture Teachers to Teach. Journal of Agricultural Education, 62(1)
8. Zaremohzzabieh, Z., Ismail, N., Ahrari, S., & Samah, A. A. (2021). The effects of consumer attitude on green purchase intention: A meta-analytic path analysis. Journal of Business Research, 132, 732-743.
9. Omar, M. K., Hassan, M., Arsad, N. M., Ismail, N., Jamaluddin, R., & Jusoh, R. (2021). Undergraduates Students' Learning Experience on the Impact of Online Learning during Pandemic. Open Journal of Social Sciences, 9(9), 167-184.
10. Zaremohzzabieh, Z., Ismail, I. A., Ismail, N., Omar, S. Z., & Bolong, J. (2021). Information and Communication Technologies and Sustainable Livelihood Opportunities: A Study of Information Behavior Among Malaysian Youth. Asian Social Science, 17(11).
11. Xiang, C., Tengku Kamalden, T. F., Liu, H., & Ismail, N. (2022). Exploring the multidisciplinary factors affecting Sports Talent Identification. Frontiers in Psychology, 13, 948121.

12. Ahmad, P. A., Ismail, N., Mustakim, S. S., & Ahrari, S. (2022). Validation of Work-Life Balance Instrument for Technical and Vocational Education Teachers.
13. Juhari, H. S., Ismail, N., Roslan, S., & Zaremohzzabieh, Z. (2023). Personality traits, entrepreneurial self-efficacy, and entrepreneurial intention among vocational students. *International Journal of Evaluation and Research in Education (IJERE)*, 12(1), 9.
14. Jani, W. N. F. A., Razali, F., Ismail, N., & Ismawi, N. (2023). Exploratory factor analysis: Validity and reliability of teacher's Knowledge construct instrument. *International Journal of Academic Research in Progressive Education and Development*, 12(1), 944-953.

#### Proceedings

1. 2014 Graduate Research in Education Seminar (GREduc 2014). Faculty of Educational Studies, Universiti Putra Malaysia. Proceedings.
2. Bakar, A.R, Hamzah, R & **Ismail N.** Motivation factors perceived by TVE student teachers about teaching as a career. Paper presented at Seminar on Educational Research and Human Resource Development, Universiti Putra Malaysia; Feb 2012.
3. Bakar, A.R & **Ismail N.** Choices of teaching career as perceived by Technical and Vocational Education (TVE) teachers. Paper presented at Seminar on Educational Research and Human Resource Development, Universiti Putra Malaysia; Nov 2010.
4. **Normala Ismail.** Understanding Research Paradigm by Using Plant Characteristics Approach. Abstract accepted for poster presentation. GPSS Seminar, Iowa State University; April 2017

#### Other Publications

1. 2012. **Normala Ismail.** The expectation of TVE student teachers to choose teaching as a career. Seminar Majlis Dekan Pendidikan IPTA, 2012 (Published). Malaysian Academic Library Institutional Repository.
2. 2013. **Normala Ismail.** Teaching as career choice as perceived by technical and vocational education teachers. Retrieved from UPM Library.
3. 2018. **Normala Ismail.** Iowa High School Agriculture Teachers' Motivations to Teach, Personal and Professional Needs, and Career Satisfaction in the Teaching Profession. Retrieved from ProQuest Dissertation

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#### **F. PENGAJARAN (TEACHING)**

STE 4100 3(2+1) Pengajaran Pengurusan Agroteknologi (*Teaching Agrotechnology Management*)

STE4180 3(2+1) Kaedah Mengajar Sains Pertanian (*Methods of Teaching Agriculture Science*)

ERS 5950 3 (3+0) Statistik (*Statistics*)

TVE5004 3 (3+0) Kerjaya dalam Organisasi (*Career in Organization*)