



RAVTE

Regional Association of Vocational
and Technical Education in Asia

RAVTE RESOURCES

Curriculum Vitae



Full name: JAILANI MD YUNOS

Institute: UNIVERSITI TUN HUSSEIN ONN MALAYSIA

Address: NO 4, JLN MANIS 7, TMN MANIS, 86400 PARIT RAJA,
BATU PAHAT JOHOR DARUL TA'ZIM, MALAYSIA

E-mail: jailani@uthm.edu.my

Phone Number: +60137234952

Other (WhatsApp, Line, WeChat): +60137234952(WhatsApp)

Education Background:

- **University of Sheffield, United Kingdom**
Ph.D (Technical and Vocational Education) (1997).
- **University of Wisconsin, U.S.A.**
M.Sc in Industrial Technology Education, (1989)
- **University of Wisconsin, U.S.A.**
B.Sc in Industrial Technology, (1987)
- **Technical Teacher's Training College, Kuala Lumpur, Malaysia**
Technical Teacher Certificate, (1976).

REMARK: Please send it in PDF format to secretariat.

Expertise / Research Areas (identified by keywords):

- Planning and Management in TVET
- TVET Teacher Education
- TVET Competency Study
- Continuing Education and TVET
- Human Resource Development
- Career Development
- Public Private Partnership
- Qualitative Research in Education
- Education Sustainable Development (ESD)– TVET
- Development of Thinking Skills - TVET
- Higher Order Thinking Skills
- Skills Training and Development-NDTS
- Green TVET
- APEL, RPL Study
- Transversal Skills Study
- Return on Investment (ROI) in Education

Engagement (networks):

- Member of the Malaysian Technical and Vocational Association – Life Member
- University of Sheffield Alumni – Life Member
- University of Wisconsin Alumni – Life Member
- TVET experts. International Taskforce On Teacher Education 2030. Montego Bay, Jamaica November 5 to 9, 2018. UNESCO PARIS
- TVET experts. International Conference on International Vocational Education and Training Association World TVET Conference 2018: 13th -16th August 2018 : Tsogo Sun, Cape Sun, South Africa. UNESCO PARIS

Publications:

- **As attached 'Appendix A'**
-
-

Award / Research Grants:

- **As attached 'Appendix B'**
-
-

Publication list

1. Isa Yuguda kotirde & Md. Yunos, J (2015). The Processes of Supervisions in Secondary Schools Educational System in Nigeria. *Procedia - Social and Behavioral Sciences* 204 (2015) 259 – 264. ISBN 1877- 0428. Elsevier – SCOPUS
2. Jailani Md Yunos, Sri Patoni, Fauziah Abdullah. Student's Interest Towards Entrepreneurial Career in Premier Polytechnic. *Advance Science Letters*, vol 21, Number 7, July 2015. pp. 2369-2372(4). ISBN1936-6612 - SCOPUS. American Scientific Publishers.
3. Lai C.S., Mohd Salleh,K., Sulaiman, N.L ., Mohamad, M.M., & Md Yunos, J. (2015). Comparison of Example-based Learning and Problem-based Learning in Engineering Domain. *Universal Journal of Educational Research*. Vol. 3(1), pp. 39 - 45 DOI: 10.13189/ujer.2015.030106ISSN: 2332-3205 (Print); ISSN: 2332-3213 (Online)
4. Jailani Md Yunos, Isa Yuguda kotirde and Azman Hassan. Roles of school supervisors in Nigerian secondary school. *Elixir International Journal, Elixir Leadership Mgmt.* 93 (2016) 39883-39886, ISBN: 2229-712X (Scopus) Jailani Md Yunos, Isa Yuguda kotirde and Azman Hassan.
5. Role of teachers in improving teaching and learning in Nigerian secondary schools. *Elixir International Journal, Elixir Leadership Mgmt.* 93 (2016) 39887-39890, ISBN:2229-712X (Scopus)
6. Yunos, J.M.,Sern, L.C., Hidayah, H.N. Sustainability TVET Teacher Programme: An Exploratory Sequential Mixed Method. *Advanced Science Letters* Vol 23, Number 1, pp1-691 (2017)- (Scopus)
7. Jailani Md Yunos, Lai C.S, Nor Hidayah Hamdan. Changes and Challenges in Sustainability of Technical and Vocational Education and Training – Teacher Education Programme.: *Technology and Engineering System Journal* (2017). (Scopus).
8. Tee, T. K., Saien, S., Md Yunos, J., Yee, M. H., & Mohamad, M. M., Azman, M. N. A. & Hanapi, Z. (2018). Teori Penyelesaian Masalah Inventif (TRIZ) Bagi Mata Pelajaran Reka Bentuk Dan Teknologi. *Online Journal for TVET Practitioner*, 1-6. ISSN:22877410
9. Tee, T. K., Saien, S., Md Yunos, J., Yee, M. H., Lee, M. F., Mohamad, M. M. & Othman, O. (2018). The Pattern of Thinking Style among Design and Technology Teachers In Malaysia. *Journal of Technical Education and Training (JTET) Special Issue*, Vol. 6, No. 11, 132-141, June 2018, ISSN 2229-8932 (Indexed by SCOPUS, the Directory of Open Access Journal, VOCEDplus and Google Scholar). (In Process)
10. Hamdan, N., Tee, T. K., Yee, M. H., Masran, S. H., Md Yunos, J., Mohamad, M. M., Azid, N. H., Othman, O., Hanapi, Z. & Azman, M. N. A. (2018). The Pattern of Thinking Style among Design and Technology Teachers in Malaysia. *Journal of Technical Education and Training (JTET) Special Issue*, Vol. 6, No. 11, 132-141, June 2018, ISSN 2229-8932 (Indexed by SCOPUS, the Directory of Open Access Journal, VOCEDplus and Google Scholar). (In Process)
11. Kong, H. P., Yee, M. H., Jailani, Md. Y., Tee, T. K., Mimi Mohaffyza, M., Kok, B. C. & Widad, O. (2018). Pembangunan Model Sistem Sanitasi, Perparitan Dan Pembentukan Sebagai Alat Bahan Bantu Dalam Subjek Sistem Sanitasi, Perparitan Dan Pembentukan. *Online Journal for TVET Practitioners*. Oktober 2018, EISSN: 2289-7410. (In Process)
12. Tee Tze Kiong, Shanty Saien, Jailani Md Yunos, Yee Mei Heong, and Mimi Mohaffyza Mohamad, Mohamed Nor Azhari Azman dan Zaliza Hanapi (2018). Teori Penyelesaian Masalah Inventif (TRIZ) bagi Mata Pelajaran Reka Bentuk dan Teknologi. *Online Journal for TVET Practitioners Special Issue* Januari 2018, EISSN: 2289-7410.
13. Hamdan, N. H., Yunos, J. M., Sern, L. C (2018) Sustainable System For TVET Teacher Education Program In Malaysia: Fuzzy Delphi Method. *Online Journal for TVET Practitioners*. Oktober 2018, EISSN: 2289-7410. (Dalam Proses Penerbitan, 2019)

REMARK: Please send it in PDF format to secretariat.

14. Jailani Md Yunos, Siti Nur Kamariah Rubani, Maizam Alias, Faizal Amin Nur Yusuf, Hashima Hamid, Lee Ming Foong, Marina Ibrahim Mukhtar, Tee Tze Kiong, Junita Sulaiman, Sri Sumarwati. 2017. Validity of Vocational Pedagogy Construct Using Rash Measurement Model. *Journal of Technical Education and Training*, vol. 9, no. 2, 2017. Indexed by SCOPUS.
15. Lai Chee Sern, Kahiroh Mohd Salleh, Nor Lisa Sulaiman, Mimi Mohaffyza Mohamad, Abdul Rasid Abdul Razzaq & Jailani Md Yunos (2018). Sustainability Of Ecotourism In Endau-Rompin National Park: The Awareness Of Nature And Aboriginal Culture Conservation Among Tourists, *The Social Sciences*, wedweljournals, 3, 776, ISSN: 18185800
16. Jailani Md Yunos, Maizam Alias, Siti Nur Kamariah Rubani, Faizal Amin Nur Yunus, Hashima Hamid, Lee Ming Foong, Tee Tze Kiong, Marina Binti Ibrahim Mukhtar, Sri Sumarwati, Ganefri, Syahril, Fahmi Rizal, Sukardi, Dedy Irfan. 2019. Non Engineering Based Vocational Pedagogy Framework Development For Malaysian and Indonesian TVET Teacher. Book ISBN 978-967-2306-13-9. Penerbit UTHM. PUBLISHED
17. Jailani Md Yunos, Siti Nur Kamariah Rubani, Maizam Alias, Faizal Amin Nur Yunus, Hashima Hamid, Sri Sumarwati. Teaching and Learning Strategies among non-engineering TVET Teacher in Malaysia. *International Journal of Engineering & Technology*. Indexed by Scopus. (2019)
18. Jailani Md Yunos, Maizam Alias, Siti Nur Kamariah Rubani, Nizwardi Jalinus, Faizal Amin Nur Yunus, Hashima Hamid, Lee Ming Foong, Tee Tze Kiong, Marina Ibrahim Mukhtar, Sri Sumarwati, Junita Sulaiman. Vocational Pedagogical Decisions Of Malaysian And Indonesian Non-Engineering TVET Teachers. *Journal of Technical Education and Training*. Indexed by Scopus. (2019)
19. Sri Sumarwati, Jailani Md Yunos, Badaruddin Ibrahim. Permasalahan Utama Pelajar Pasca Siswazah Dalam Menjalankan Proses Penyelidikan. *Engineering & Technology Research*. (2019)
20. Jailani Md Yunos, Siti Nur Kamariah Rubani, Maizam Alias, Faizal Amin Nur Yunus, Hashima Hamid, Sri Sumarwati. Pedagogical Decisions among Vocational College Teacher in Malaysia. *Al-Asasiyya of Basic Education*. Indexed by Scopus. (2019)
21. Kong, H. P., Yee, M. H., Jailani, Md. Y., Tee, T. K., Mimi Mohaffyza, M., Kok, B. C. & Widad, O. (2018). Pembangunan Model Sistem Sanitasi, Perparitan Dan Pembentukan Sebagai Alat Bahan Bantu Dalam Subjek Sistem Sanitasi, Perparitan Dan Pembentukan. *Online Journal for TVET Practitioners*. Oktober 2018, EISSN: 2289-7410. (2019)
22. Hamdan, N., Tee, T. K., Yee, M. H., Masran, S. H., Md Yunos, J., Mohamad, M. M., Azid, N. H., Othman, O., Hanapi, Z. & Azman, M. N. A. (2019). An effectiveness of High Order Thinking Skills (Hots) Self-Instructional Manual for Students' Assignment Achievement. *JTET*. UTHM, 3, 63. ISSN: 22298932
23. Yee Mei Heong, Kong Hie Ping, Md Yunos, J., Widad, Othman, Tee Tze Kiong dan Mimi Mohaffyza Mohamad & Kok Boon Ching (2019). The Effectiveness on the Integration of Learning Strategies and High Order Thinking Skills for Generating Idea among Technical Students. *Journal of Technical Education and Training (JTET) Special Issue*, Vol. 6, No. 11, 132-141, June 2018, ISSN 2229-8932 (Indexed by SCOPUS, the Directory of Open Access Journal, VOCEDplus and Google Scholar).
24. Tee, T. K., Fadzil, N., Md . Yunos, J., Yee, M., H., Mohamad, M., M. & Othman, O. (2019). Pembangunan Modul Strategi Pembelajaran Kooperatif bagi Bakal Pensyarah Kolej Vokasional. *ONLINE JOURNAL FOR TVET PRACTITIONER (OJ-TP)*, UTHM, 10, 11, ISSN: 22877410
25. Saien Shanty, Tee Tze Kiong, Md Yunos Jailani, Yee Mei Heong, Mohamad Mimi Mohaffyza, Othman Widad, Azman Mohamed Not Azhari, Hanapi Zaliza & Azid Nurulwahida. (2019). Thinking Style Pattern Among Design Technology Teachers In Malaysia, *Journal Of Technical Education And Training*, UTHM, 10, 43, ISSN:22298932
26. Jailani Md Yunos, Siti Nur Kamariah Rubani, Maizam Alias, Faizal Amin Nur Yunus, Hashima Hamid, Sri Sumarwati. (2019). Vocational Pedagogical Decisions Of Malaysian And Indonesian Non-Engineering Tvet Teachers, *Journal Of Technical Education And Training (JTET)*, UTHM, 9, 1, ISSN: 22298932

REMARK: Please send it in PDF format to secretariat.

27. Andika Bagus Nur Rahma Putra¹, Haris Anwar Syafrudie², Jailani Md Yunos³, Ahmad Mursyidun Nidhom, Azhar Ahmad Smaragdina, Andrew Irfano Sembiring. Analysis of the Necessity for Heutagogical Approach Through 4Cs Skills as Innovation for Vocational Lectures in the Education 4.0 .Advances in Social Science, Education and Humanities Research, volume 379. 1st Vocational Education International Conference (VEIC 2019)
28. A B N R Putra¹, H A Syafrudie¹, A M Nidhom¹, A A Smaragdina¹, J B Md Yunos², A I Sembiring¹ and Eriyanto¹.The innovation of module training based heutagogy as an acceleration for increasing pedagogical supremacy of vocational education lecturers in the industrial revolution 4.0. Journal of Physics: Conference Series
29. Jailani Md Yunos, Maizam Alias, Haris Anwar Syafrudie, Tee Tze Kiong, Nor Hidayah Hamdan. Malaysia technical university lecturer preferences towards heutagogical activities. International Journal of Scientific & Technology Research. Volume 9 - Issue 2, February 2020 Edition - ISSN 2277-8616
30. Andika Bagus Nur Rahma Putra, Haris Anwar Syafrudie, Ahmad Mursyidun Nidhom, Jailani Md Yunos, Maizam Alias. Mapping the Implementation of the Heutagogy Model to Vocational Education Students in the Era of Education 4.0. International Journal of Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-3, February, 2020
31. Jailani Md. Yunos, Haris Anwar Syafrudie, Maizam Binti Alias, Razali Bin Hassan, Yee Mei Heong. (2020). Heutagogical Teaching and Learning Activities Preferences for Malaysia Technical University Lecturer: Instrument Validation. *International Journal of Advanced Science and Technology*, 29(04), 3875 -. Retrieved from <http://sersc.org/journals/index.php/IJAST/article/view/24554>
32. Mimi Mohaffyza Mohamad, Alias Masek, Jailani Md Yunos, Maizam Alias, Nor Hidayah Hamdan, Andika Bagus Nur Rahma Putra. Assessing Heutagogical Elements in Learning of Engineering Education: Validation of Survey Research Instrument. *Advances in Science, Technology and Engineering Systems Journal Vol. 5, No. 2, XX-YY (2020)*
33. Nizwardi Jalinusa, Ganefrib, Syahrilc, Rizky Ema Wulansarid, Rahmat Azis Nabawie*, Jailani Md Yunosf, Tee Tze Kiong. Comparison of Learning Style between Engineering and Non-Engineering Students in Vocational Education. (International Journal of Innovation, Creativity and Change. www.ijicc.net Volume 13, Issue 12, 2020)
34. MIMI MOHAFFYZA, JAILANI MD YUNOS, YEE MEI HEONG, JUNITA, FAHMI RIZAL. Comparison of Learning Style in Vocational Education between Malaysian Engineering and Non-Engineering Students. *Advances in Science, Technology and Engineering Systems Journal* (In progress, 2021)

Books

1. Tee, T. K., Sama'on, M. K., Md Yunos, J., Widad, O., Azman, M. N. A. & Hanapi, Z. (2018). Pembangunan Modul Pembelajaran Mandiri Kemahiran Pengenalpastian Punca Masalah Berdasarkan Analisis Fungsi Bagi Mata Pelajaran Reka Cipta. Dalam Mohamad, M. M., Yee, M. H. & Tee, T. K. (Eds.), *Kurikulum & Instruksi Siri 5* (m.s. 84-96.) Batu Pahat, Johor: Penerbit UTHM. ISBN: 978-967-2183-78-5
2. Yee, M. H., Kong, H. P., Jailani, Md. Y., Tee, T. K., Kok, B. C. & Widad, O. (2018). Keperluan Pembangunan Model Bagi Subjek Sistem Sanitasi, Peparit Dan Pembentungan. *Kurikulum & Instruksi Siri 6*. Batu Pahat, Johor: Penerbit UTHM. 70-83. ISBN 978-967-2183-78-5. (In Process)
3. Tee Tze Kiong, Nur Hidayu Ibrahim, Jailani Md Yunos, Yee Mei Heong, Mimi Mohaffyza Mohamad & Widad Othman. (2019). Pembangunan Modul Pengajaran Kemahiran Berfikir Aras Tinggi Bagi Bakal Pensyarah Kolej Vokasional. *Kurikulum & Instruksi Siri 6*. Batu Pahat, Johor: Penerbit UTHM. 70-83. ISBN 978-967-2183-78-5.
4. Jailani Md Yunos, Maizam Alias, Siti Nur Kamariah Rubani, Faizal Amin Nur Yunus, Hashima Hamid, Lee Ming Foong, Tee Tze Kiong, Marina Binti Ibrahim Mukhtar, Sri Sumarwati, Ganefri, Syahril, Fahmi Rizal, Sukardi, Dedy Irfan. 2019. Non Engineering Based Vocational Pedagogy Framework Development For Malaysian and Indonesian TVET Teacher. Book ISBN 978-967-2306-13-9. Penerbit UTHM. (PUBLISHED)

REMARK: Please send it in PDF format to secretariat.

List of Award / Research Grants

1. Pemerkasaan Sistem Latihan Dual Nasional Menggunakan Pendekatan Penyepaduan Ilmu Wahyu (Revealed Knowledge) untuk Meningkatkan Kualiti Kompetensi K-Pekerja Holistik Di Malaysia. Fundamental Research Grant Scheme (FRGS) . Period : 3 years (December 2013 – December 2016) (Research Leader), (RM73,800.00)
2. A Heuristic Inquiry study of Leadership Style Through Military Education in Training Embracing Good Governance and the Best Practices in Johor Royalty. Contract Grant Scheme. Period : 3 years (Disember 2013 – Diesember 2016) (Research Leader), (RM50,000.00)
3. Eksplorasi Penglibatan Komuniti Orang Asli dalam Pelancongan Eko ke Arah Kelestarian Pembangunan Pendidikan (ESD) di Taman Negara Endau Rompin. Contract Grant Scheme. Period : 3 years (Oktober 2013 – Oktober 2015) (Research Leader), (RM60,000.00).
4. Standard of Health Related Locus of Control and Health Behavior Among Residenta Living Near Rare Earth Metal Industries in Malaysia to Improve Quality Life. (Researcher) (RM106.000) FRGS.
5. Pembangunan Model Holistik Kemahiran *Transferable* Menggunakan Kaedah Fuzzy Delphi bagi Meningkatkan Pelajar Doktor Falsafah di Malaysia untuk Graduate pada Tempoh Minimum (GOT) (RM 48,000- GIP 2015). Research Leader.
6. Human Perception Model for User Interface Using Participatory Analysis. Period 3 Years. (Julai 2014- June 2017) (Researcher) (RM80,000 – FRGS 2014-1)
7. Development of a Green Skills Framework for TVET Curricula :Meeting the Needs of Green Economy.(Researcher) (RM62,000). (November 2015-November 20118) (Research Leader) (RM60,000 –FRGS).
8. Effect of Leadership Styles and Schools' Performances and Students' Achievments in Nigeria (RM 48,000 – GIP 2015) Research Leader.
9. School Supervision and Quality Control for Teachers Job Performance in Nigeria Senior Scondary Schools, (RM 48,000 – GIP 2015) Research Leader.
10. Development and Validation of Sustainable Model for TVET Teacher Education Program Through Fuzzy Delphi Model to Enhance Teacher Quality and Strengtning Their Talent Excellent. Period 3 Years. (November 2015-November 2018) (Research Leader) (RM110,000 –FRGS 2015-1)
11. Transnational Green Skill Model For Tvet Green Job Curriculum: Meeting The Needs Of Green Economy For Indonesia And Malaysia Prospects. This research collaboration is a part of bilateral MoU between Universitas Pendidikan Indonesia (UPI) and Universiti Tun Hussein Onn Malaysia (UTHM) (Matching Grant Scheme RM68,000). Period 1 Years. (June 2016 - May 2017) (Research Leader).
12. Non Engineering-Based Vocational Pedagogy Framework Development for Malaysia and Indonesia TVET Teacher. This research collaboration is a part of bilateral MoU between Universitas Negeri Padang (UNP) and Universiti Tun Hussein Onn Malaysia (UTHM) (Matching Grant Scheme RM100,000). Period 2 Years (01 Jan – 31 December 2018). Matching Grant Scheme RM100.000. (Research Leader).
13. Vocational Pedagogy Framework Development for Malaysian and Indonesian TVET Teachers. This research collaboration is a part of bilateral MoU between Universitas Negeri Padang (UNP) and Universiti Tun Hussein Onn Malaysia (UTHM) (Matching Grant Scheme RM100,000). Period 2 Years (01 Jan – 31 December 2018). Matching Grant Scheme RM100.000. (Research Leader).
14. Intergrating Transferable Skills in TVET Programme: Pedagogied at Universities in Malaysia and Indonesia. This research collaboration is a part of bilateral MoU between Universitas Pendidikan Indonesia (UPI) and Universiti Tun Hussein Onn Malaysia (UTHM) (Matching Grant Scheme RM64,000). Period 1 Years (August 2016– Julai 2017). (Research Leader).

REMARK: Please send it in PDF format to secretariat.

15. Pemerkasaan Sistem Latihan Dual Nasional Menggunakan Pendekatan Penyepaduan Ilmu Wahyu (*Revealed Knowledge*) untuk Meningkatkan Kualiti Kompetensi K-Pekerja Holistik Di Malaysia. RM 73,000.00 – FRGS 2016-1. 3 Years DONE
16. The Empowerment Of Malaysia TVET Student's Employability Skills Through PBL Teaching Method. RM30,000. MyRIVET (2019-2021). On-going (Member)
17. Pengintegrasian Gaya Berfikir Dan Kemahiran Berfikir Aras Tinggi Bagi Menyelesaikan Masalah Dalam Penghasilan Produk. RM30,000. MyRIVET (2019-2021). On-going (Member)
18. Towards Education 4.0: The Conceptual Model For Implementation Of Teaching Based On The UNESCO ICT Competency Framework In MTUN. RM35,000. MyRIVET (2019-2021). On-going (Member)
19. Development of Occupational Competency Profile for Mechanical Industry Workers towards Sustainable Development. RM35,000. MyRIVET (2019-2021). On-going (Member)
20. Insentif Kecemerlangan Penyelidikan dan Inovasi 2018. RM 37,000.00 UTHM Grant Contract. On-going (Member)
21. Kerangka Model Inkubator Usahawan Belia Orang Asli Melalui Latihan Teknikal Dan Vokasional (Tvet) Ke Arah Pembangunan Ekonomi Masyarakat Orang Asli Di Malaysia. RM 80,000.00 FRGS (2019-2021). On-going (Member)
22. Integration of Heutagogical approach and 21st century 4C's learning skills for TVET educators and learners. RM 45,000 – Matching Grant. (2019-2020). Malaysia and Universiti Negeri Malang, Indonesia. On-going (Member)
23. Integration of Kolb learning style and 21st century 4C's learning skills for TVET educators. RM 48,000 – Matching Grant. (2019-2020) Malaysia and Universiti Negeri Padang, Indonesia. On-going (Member)
24. Progressing Work-based Learning of TVET System in Thailand (ProWoThai) – International Grant with Technical University, Dortmund Germany. EURO 900,000.00. (2019-2023). On-going (Project Leader)
25. Developing Public and Private Education Return on Investment (ROI) Monitoring Tool for TVET Programs in Malaysia. RM500,000. Research Grant with Government of Malaysia (2020-2021). On-going (Project Leader)

REMARK: Please send it in PDF format to secretariat.