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UNIVERSITI PUTRA MALAYSIA
BERILMU BERBAKTI

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PERTANIAN UNTUK RAKYAT

**FAKULTI
PENGAJIAN PENDIDIKAN**
FACULTY OF EDUCATIONAL STUDIES
فاكولتي فحاجين فنديديقن



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CURRICULUM VITAE

A. MAKLUMAT UMUM (GENERAL INFORMATION)

Nama (Name)
Mohd Hazwan Mohd Puad

Gelaran (Title)
Ts. Dr.

Jawatan (Position)
Head of Department / Senior Lecturer

Kelayakan (Qualification)

- Ph.D. in Career and Technical Education (Purdue University)
- M.Ed. in Technical and Vocational Education (Universiti Tun Hussein Onn Malaysia)
- B.Eng. in Mechanical Engineering (Universiti Teknologi Malaysia)

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B. BIDANG PENYELIDIKAN (RESEARCH INTEREST)

- Technical and Vocational Education and Training (TVET)
- Curriculum and Instruction
- Educational Technology
- Educational Administration
- Instructional Technology and Innovation

C. GERAN & PENYELIDIKAN (GRANT & RESEARCH)

- Employability Skills Training Programs in the Workforce
- Technical and Vocational Education and Training (TVET) for Special Needs Learners
- Career Characteristics Among TVET Students
- Kemahiran Insaniah dalam Ekonomi Gig dan Digital
- Design and Development of Mobile Applications and Micro-Credential in TVET Instruction
- Faktor dan Etika Program Keselamatan Siber dalam Kalangan Pelajar
- E-Learning Characteristics Among Corporate Companies
- Keberkesanan Kerja Berpasukan dalam Kalangan Pelajar TVET
- The Use of Learning Analytics in Teaching and Learning
- Design and Development of a Framework of Entry-Level Competencies for Mini-Livestock Production
- Assessment and Evaluation in Tourism Education and Industry
- Pembangunan dan Penilaian Instrumen Kompetensi Digital bagi Pengajaran dan Pembelajaran
- Public Speaking Competency for Employability
- Design and Development of Technocreative Learning Style Model

D. PENERBITAN (PUBLICATION)

Journal:

- Mohd Hazwan Mohd Puad**, Fatin Azrin Abd Rahim, Muhd Khaizer Omar, Enio Kang Mohd Sufian Kang, How Shwu Pyng. (2024). Probing the relationship between soft skills and career adaptability among vocational college graduates. *International Journal of Research and Innovation in Social Science*, 8(9), 2111-2125.
- Sijia Liu, Muhd Khaizer Omar & **Mohd Hazwan Mohd Puad**. (2024). Exploring the impact of emotional intelligence on university Academics' job performance. *Open Journal of Social Sciences*, 12, 14-31.
- Mohd Shahrudin Abd Manan, Xuefeng Wang, Saiful Hasley Ramli & **Mohd Hazwan Mohd Puad**. (2024). Developing a teaching method for animation creation: A quasi-experiment to assess creativity performance during the animation pre-production process. *International Journal of Religion*, 5(11), 2978-2997.
- Rosnani Jusoh, **Mohd Hazwan Mohd Puad**, Rahimah Jamaluddin & Normala Ismail. (2024). The role of technical and vocational education towards fourth industrial revolution in preparing workforce in Malaysia. *International Journal of Research and Innovation in Social Science*, 8(7), 1185-1193.
- Umi Zuraifah Md Hashim, **Mohd Hazwan Mohd Puad**, Ahmad Fauzi Mohd Ayub, Norliza Ghazali. (2024). Development and assessment of digital pedagogy competency instrument for teaching and learning: A needs analysis. *International Journal of Academic Research in Progressive Education and Development*, 13(3), 2424-2436.
- Noor Ibtisam Abdul Karim, **Mohd Hazwan Mohd Puad**, Sharifah Intan Sharina Syed Abdullah. (2024). Adapting towards digital revolution: Strategies for tourism educators in Malaysia. *International Journal of Academic Research in Business and Social Sciences*, 14(8), 2192-2203.
- Samsu Hilmy Abdullah, **Mohd Hazwan Mohd Puad**, Masrah Azrifah Azmi Murad & Erzam Marlisah. (2024). Influences of technology and data use on the professional self-efficacy of Malaysian teachers. *Journal of Institutional Research South East Asia*, 22(1), 275-301.
- Muhd Khaizer Omar, **Mohd Hazwan Mohd Puad**, Mohamad Yaakub, Marlinah Muslim & Gui Qing. (2024). Empowering the employability of people with disability (PWD) through a skills intervention program. *Journal of Institutional Research South East Asia*, 22(1), 97-120.
- Mohd Hazwan Mohd Puad**, Nurul Asyiqin Mohd Yusof, Fakhru Radhi Razali & Enio Kang Mohd Sufian Kang. (2023). Career choice: Parental guidance and learning experience influence in selecting agricultural programs. *International Journal of Academic Research in Business and Social Sciences*, 13(12), 4807-4813.
- Mohd Hazwan Mohd Puad**, Aslina Mohamed & Abdullah Mat Rashid. (2023). Career-related characteristics towards career certainty of vocational college students. *Journal of Technical Education and Training*, 15(3), 92-104.
- Hamad Muayyid Alharbi, Habibah Ab Jalil, Muhd Khaizer Omar & **Mohd Hazwan Mohd Puad**. (2023). Levels of madrasati (M) LMS utilization among teachers. *World Journal on Educational Technology*, 15(2), 169-182.
- Marzni Mohamed Mokhtar, **Mohd Hazwan Mohd Puad**, Norliza Ghazali, Arnida Abdullah, Mas Nida Khambari, Siti Suria Salim, Samsilah Roslan, Soaib Asimiran, Mohd Syafiq Farhan Roshidi & Muhammad Faisfadly Sabaruddin. (2023). Penilaian bengkel play+learn+create semasa pandemik covid-19: Penanda aras kepada putra future classroom sebagai hub digital maya. *International Journal of Education and Training (InJET)*, 9(Isu Khas), 1-10.
- Rahimah Jamaluddin, Nor Haslinda Mohd Shah, **Mohd Hazwan Mohd Puad**, Enio Kang Mohd Sufian Kang & Rosnani Jusoh. (2023). The integration of science technology engineering and mathematics (STEM) in home science: Teachers' understanding and challenges. *Journal of Advanced Research in Applied Sciences and Engineering Technology*, 31(2), 42-50.
- Afaf Masaud Elsaieh, Shamarina Shohaimi, Mohd Noor Hisham Mohd Nadzir, & **Mohd Hazwan Mohd Puad**. (2023). Nicotine dependence comparison of dual use of cigarettes and e-cigarettes among Malaysian university students. *Advances in Social Sciences Research Journal*, 10(4), 243-255.
- Ku Mahiran T Nor, Enio Kang Mohd Sufian Kang, Rahimah Jamaluddin & **Mohd Hazwan Mohd Puad**. (2023). Student engagement and final year project achievement in the peninsular Malaysia agricultural vocational college. *Universal Journal of Educational Research*, 11(3), 41-46.
- Fatin Syahirah Noh Mustafa, Fazilah Razali & **Mohd Hazwan Mohd Puad**. (2023). Exploratory factor analysis: Validity and reliability of technology self-efficacy instrument. *International Journal of Academic Research in Progressive Education and Development*, 12(3), 215-228.
- Fatma Masoud Elsaieh, Shamarina Shohaimi, Mohd Noor Hisham Mohd Nadzir, & **Mohd Hazwan Mohd Puad**. (2023). Parental smoking practices and children's health risk from exposure to smoking. *Advances in Social Sciences Research Journal*, 10(4), 256-268.
- Nabilah Hasanah Shaari & **Mohd Hazwan Mohd Puad**. (2023). Behavior model of knowledge, attitude, and skills in practicing safety and health in the workplace among higher education engineering students. *International Journal of Academic Research in Business and Social Sciences*, 13(11), 1846-1863.
- Fatma Masoud Elsaieh, Shamarina Shohaimi, Mohd Noor Hisham Mohd Nadzir, **Mohd Hazwan Mohd Puad**, Abdul Hafiz Ab Rahman & Afaf Masaud Elsaieh. (2023). The intersection of demographic factors, parental awareness, and attitudes: Implications for children's health risks from secondhand tobacco smoke. *Journal of Law and Sustainable Development*, 11(5), 1-18.
- Muhd Khaizer Omar, Edward Danial, **Mohd Hazwan Mohd Puad** & Anis Zakaria. (2023). Factors determining the optimization of digital technology in rural schools. *International Journal of Academic Research in Progressive Education and Development*, 12(1), 1685-1704.
- Afaf Masaud Elsaieh, Shamarina Shohaimi, Mohd Noor Hisham Mohd Nadzir, **Mohd Hazwan Mohd Puad**, Abdul Hafiz Ab Rahman & Fatma Masoud Elsaieh. (2023). Association between socio-demographic factors and smoking status of dual and single tobacco users among Malaysian university students. *Journal of Law and Sustainable Development*, 11(5), 1-16.
- Muhd Khaizer Omar, Dalia Umaira Ahmad Ruzaidi, **Mohd Hazwan Mohd Puad** & Rosnani Jusoh. (2023). How digitalized are school students? Determining digital competencies and motivation factors in using technology for learning. *International Journal of Academic Research in Progressive Education and Development*, 12(2), 1613-1634.
- Hamad Muayyid Alharbi, Habibah Ab Jalil, Muhd Khaizer Omar & **Mohd Hazwan Mohd Puad**. (2022). Attitude and competence to use madrasati (M LMS) among school teachers in Riyadh, Saudi Arabia. *Journal of Theoretical and Applied Information Technology*, 100(12), 3975-3996.
- Alexander Ojonugwa, **Mohd Hazwan Mohd Puad**, Muhd Khaizer Omar, Enio Kang Mohd Sufian Kang & Joy Yahaya (2022). Competencies in edible insects production for training of vocational agricultural education students in Kogi state. *Journal of Public Administration and Governance*, 12(4S), 38-56.

25. Mohammad Hafiz Salleh, Suhaida Abdul Kadir, Rahimah Jamaluddin & Mohd Hazwan Mohd Puad. (2023). Factors influencing TVET teacher's TPACK competencies. *Journal of Technical Education and Training*, 14(3), 105-111.
26. Muhd Khaizer Omar, Mohd Hazwan Mohd Puad, Mohamad Yaakub & Marlinah Muslim. (2022). Employability skills requirement for people with disability (PWD) job success. *Specialis Ugdymas*, 2(43), 367-385.
27. Xuefeng Wang, Mohd Shahrudin Abd Manan, Saiful Hasley Ramli & Mohd Hazwan Mohd Puad. (2022). A quasiexperimental study on process verification of the animation teaching system under the background of animation-related majors. *Scientific Programming*, 2022(5891994), 1-14.
28. Hamad Muaybid Alharbi, Habibah Ab Jalil, Muhd Khaizer Omar & Mohd Hazwan Mohd Puad. (2022). Acceptance of the madrasati (M) LMS among public school teachers as affected by behavioral intention in Riyadh. *Journal of Theoretical and Applied Information Technology*, 100(21), 6490-6502.
29. Samsu Hilmy Abdullah, Mohd Hazwan Mohd Puad, Masrah Azrifah Azmi Murad & Erzam Marlisah. (2022). Implementation of learning analytics in primary and secondary school: A systematic literature review. *International Journal of Academic Research in Progressive Education and Development*, 11(2), 911-928.
30. Norhafizah Che Zainal, Mohd Hazwan Mohd Puad, & Nor Fazlida Mohd Sani. (2022). Moderating effect of self-efficacy in the relationship between knowledge, attitude and environment behavior of cybersecurity awareness. *Asian Social Science*, 18(1), 55-64.
31. Hamad Alharbi, Habibah Ab Jalil, Muhd Khaizer Omar & Mohd Hazwan Mohd Puad. (2022). The roles of mediators and moderators in the adoption of madrasati (M) LMS among teachers in Riyadh. *International Journal of Learning, Teaching and Educational Research*, 21(9), 95-119.
32. Muhd Khaizer Omar, Hanizan Che Mat, Mohd Hazwan Mohd Puad, & Mohamad Yaakub. (2022). Can we get a job? Employability skills acquisition during educational experience of student with disability. *International Journal of Social Science Research*, 4(1), 115-123.
33. Hamad Alharbi, Habibah Ab Jalil, Muhd Khaizer Omar & Mohd Hazwan Mohd Puad. (2022). Demographic factors of teachers' behavioral intention on madrasati utilization in Riyadh public schools. *Educational Administration: Theory and Practice*, 28(4), 14-33.
34. Muhd Khaizer Omar, Ding Meng Jie, Mohd Hazwan Mohd Puad, & Normala Ismail. (2022). Critical competency attributes of technical and vocational education and training (TVET) postgraduate students in online learning environment. *International Journal of Academic Research in Progressive Education and Development*, 11(1), 428-44.
35. Noor Ashira Yusran, Mohd Hazwan Mohd Puad, & Muhd Khaizer Omar. (2021). Role of career exploration in influencing career choice among pre-university student. *Pertanika Journal of Social Sciences & Humanities*, 29(S1), 77-99.
36. Zaleha Endot, Rahimah Jamaluddin, Ahmad Fauzi Mohd Ayub, & Mohd Hazwan Mohd Puad. (2021). Teacher readiness in implementing the teaching of design and technology and its relationship with self efficacy and intrinsic motivation. *International Journal of Human Resource Studies*, 11(4S), 111-122.
37. Mohd Hazwan Mohd Puad, & Nor Suhaila Mat Nawe. (2021). Pengaruh motivasi pelajar dalam program latihan kebolehpasaran di era revolusi industri 4.0. *Jurnal Sains Insani*, 6(1), 185-193.
38. Sharmini Marilyn Balakrishnan, Mohd Hazwan Mohd Puad, & Habibah Ab Jalil. (2021). Demographic factors of corporate e-learning among e-learners in an oil and gas company. *Turkish Journal of Computer and Mathematics Education*, 12(5), 113-125.
39. Muhd Khaizer Omar, Nor Shailai Mat Ali, Mohd Hazwan Mohd Puad, Mohamad Yaakub & Anis Zakaria. (2021). Enabling employment for people with disability (PWD): Readiness, commitment, and disposition of Malaysian employers. *International Journal of Entrepreneurship and Management Practices (IJEMP)*, 4(15), 1-22.
40. Hanis Mohamed, Mohd Hazwan Mohd Puad, Abdullah Mat Rashid, & Rahimah Jamaluddin. (2021). Workplace skills and teacher competency from culinary arts students' perspectives. *Pertanika Journal of Social Sciences & Humanities*, 29(1), 107-125.
41. Mohd Amiruddin Ag Damit, Muhd Khaizer Omar & Mohd Hazwan Mohd Puad. (2021). Issues and challenges of outcome-based education (OBE) implementation among Malaysian vocational college teachers. *International Journal of Academic Research in Business and Social Sciences*, 11(3), 197-211.
42. Nurul Shazwani Bakry, Mohd Hazwan Mohd Puad, Soaib Asimiran, Suhaida Abd. Kadir, & Abdullah Mat Rashid (2020). Exploring career decisions and employability skills among engineering students in vocational colleges. *International Journal of Academic Research in Business and Social Sciences*, 10(12), 448-4615.
43. Mohd Hazwan Mohd Puad & Hazeem Mohamad Desa. (2020). Dissecting perceptions of new graduates on work orientation and self-confidence in employability skills training program. *Universal Journal of Educational Research*, 8(1A), 70-75.
44. Muhd Khaizer Omar, Abdullah Mat Rashid, M. Iqbal Saripan, Mohd Hazwan Mohd Puad, Irwan Mahazir Ismail, & Mohd Azlan Mohammad Hussain. (2020). Analysis of employer's feedback on the employment of people with disabilities (PWDs). *Journal of Advanced Research in Dynamical and Control Systems*, 12(08-Special Issue), 995-1007.
45. Muhd Khaizer Omar, Abdullah Mat Rashid, M. Iqbal Saripan, Mohd Hazwan Mohd Puad, Irwan Mahazir Ismail, & Mohd Azlan Mohammad Hussain. (2020). Trends and issues on hiring people with disabilities (PWDs) for employment: A systematic review. *Journal of Advanced Research in Dynamical and Control Systems*, 12(08-Special Issue), 1008-1016.
46. Muhd Khaizer Omar, Md Abdur Rauf, Normala Ismail, Abdullah Mat Rashid, Mohd Hazwan Mohd Puad, & Anis Zakaria. (2020). Factors on deciding TVET for first choice educational journey among pre-secondary school student. *European Journal of Molecular & Clinical Medicine*, 7(3), 609-627.
47. Mohd Hazwan Mohd Puad & Ainul Jasmeen Ainul Zuhairi. (2019). Regulating indoor environmental quality (IEQ) factors in influencing learning satisfaction among technical and vocational education and training (TVET) students. *International Journal of Academic Research in Progressive Education and Development*, 8(4), 688-704.
48. Muhd Khaizer Omar, Abdullah Mat Rashid & Mohd Hazwan Mohd Puad. (2019). What makes me stay in teaching? Exploring retention factors of TVET teachers in Malaysia. *International Journal of Advanced Science and Technology*, 28(8s), 130-139.
49. Muhd Khaizer Omar, Muhammad Aiman Arifin, Roziah Mohd Rasdi, Mohd Ashraff Mohd Anuar, Abdullah Mat Rashid & Mohd Hazwan Mohd Puad. (2019). The dynamics of disposition in the teaching profession: Exploring narrative from technical and vocational education and training (TVET) teachers. *International Journal of Recent Technology and Engineering*, 7(6S5), 838-845.
50. Mohamad Nurul Azmi Mat Nor, Nurzatulshima Kamarudin, Umi Kalthom Abdul Manaf & Mohd Hazwan Mohd Puad. (2019). Persepsi guru terhadap pengaplikasian kemahiran berfikir aras tinggi (KBAT) dalam reka bentuk dan teknologi (RBT) sekolah rendah. *International Journal of Education and Training*, 4(2), 1-8.
51. Muhd Khaizer Omar, Abdullah Mat Rashid, Mohd Hazwan Mohd Puad, & Ady Hameme Nor Azman. (2019). Honoring the teaching profession: The untold story of oppression and dissatisfaction of technical and vocational education and training (TVET) instructors. *Revista de Ciencias Sociales y Humanidades*, 4(17), 140-151.
52. Muhd Khaizer Omar, Mas Nida Md Khambari, Aini Marina Ma'arof, Ismi Arif, Ismail, Tengku Fadilah Tengku Kamalden, Habibah Ab. Jalil, Siti Suria Salim, Nur Aira Abd Rahim, Siti Noormi Alias, Mohd Hazwan Mohd Puad, Muhamad Mokhtar Muhammad & Mohd Mursyid Arshad. (2019). Developing employability skills from service-learning experience at putra future classroom (PFC). *International Journal of Academic Research in Business and Social Sciences*, 8(12), 472-490.
53. Mohd Hazwan Mohd Puad. (2018). Obstacles to employability skills training programs in Malaysia from the perspectives of employers', educators' and graduates. *International Journal of Academic Research in Business & Social Sciences*, 8(10), 952-972.
54. Muhd Khaizer Omar, Mohd Fakhrol Azizie Mohd Zaid, Mohd Mokhtar Muhammad, Abdullah Mat Rashid, & Mohd Hazwan Mohd Puad. (2018). Service-learning experience and its application to enhance employability: A case study of Malaysian public university. *Science International*, 30(5), 701-709.
55. Muhd Khaizer Omar, Abdullah Mat Rashid, & Mohd Hazwan Mohd Puad. (2018). Examining job satisfaction factors toward retaining Malaysian TVET instructors in the teaching profession. *International Journal of Engineering & Technology*, 7(2.10), 44-49.
56. Mohamad Nurul Azmi Mat Nor, Nurzatulshima Kamarudin, Umi Kalthom Abdul Manaf, & Mohd Hazwan Mohd Puad. (2018). The need analysis of inculcating higher order thinking skills in design and technology. *Innovative Teaching and Learning Journal*, 2(1), 1-7.
57. Muhd Khaizer Omar, Abdullah Mat Rashid, Mohd Hazwan Mohd Puad, & Ady Hameme Nor Azman. (2018). Fostering interests for teaching: Job satisfaction and motivation factors of Malaysian TVET instructors. *International Journal of Engineering & Technology*, 7(4.9), 46-51.
58. Muhd Khaizer Omar, Mary Jo Self, Ki Lynn Matlock Cole, Abdullah Mat Rashid, & Mohd Hazwan Mohd Puad. (2018). Job satisfaction and motivation to teach: Predicting intrinsic and extrinsic factors towards retaining career switchers in the teaching profession. *International Journal of Education, Psychology and Counseling*, 3(16), 59-76.
59. Mohamad Nurul Azmi Mat Nor, Nurzatulshima Kamarudin, Umi Kalthom Abdul Manaf, & Mohd Hazwan Mohd Puad. (2017). Penerapan kemahiran berfikir aras tinggi (KBAT) dalam kurikulum reka bentuk dan teknologi (RBT) sekolah rendah. *International Journal of Education and Training*, 3(2), 1-7.

Book:

1. Wan Nur Hamimah Wan Hanipa & Mohd Hazwan Mohd Puad. (2021). *Design and Development of Arduino Drone*. Fakulti Pengajian Pendidikan, Universiti Putra Malaysia. (eISBN: 978-967-960-479-5).

Chapter in Book:

1. Kumanan Elango & Mohd Hazwan Mohd Puad. (2024). *From Enrollment to Academic Excellence: Navigating Micro-Credentials in Technical and Vocational Education and Training (TVET)*. (Pengajaran, Inovasi, dan Pembangunan Profesional dalam Pendidikan dan Latihan Teknikal dan Vokasional (TVET)). Eds. Mohd Hazwan Mohd Puad, Riyan Hidayat, Normala Ismail Norazura Abdul Latib. Penerbit Universiti Putra Malaysia. 20-31. (ISBN: 978-629-7689-70-8)

2. Azleen Nabilah Azmir Ruzi, Nur Saudah Saidin, Muhammad Syukri Sulaiman, Nur Absarina Saidin & **Mohd Hazwan Mohd Puad**. (2024). *Deficit of Skills and Industrial Experiences among Technical and Vocational Education and Training (TVET) Teachers*. (Pengajaran, Inovasi, dan Pembangunan Profesional dalam Pendidikan dan Latihan Teknikal dan Vokasional (TVET)). Eds. Mohd Hazwan Mohd Puad, Riyan Hidayat, Normala Ismail Norazura Abdul Latib. Penerbit Universiti Putra Malaysia. 85-92. (ISBN: 978-629-7689-70-8)
3. **Mohd Hazwan Mohd Puad** & Zatulnatiqah Hasin. (2023). *Pencapaian Pelajar Kursus Reka Bentuk dan Teknologi dalam Pendidikan dan Latihan Teknikal dan Vokasional: Pengaruh Persepsi Kreativiti dan Inovasi dalam Pembelajaran*. (Latihan dan Pembangunan Kerjaya). Eds. Lee Ming Fong, Fazlinda Ab Halim. Penerbit Universiti Tun Hussein Onn Malaysia. 168-183. (ISBN: 978-629-7566-85-6)
4. Muhd Khaizer Omar, Fadhilah Jamaluddin, Mohammad Yaakub, M. Iqbal Saripan, **Mohd Hazwan Mohd Puad**, Irwan Mahazir Ismail & Mohd Azlan Mohammad Hussain. (2023). *Examination of the Relationship Between People with Disabilities (PWDs) and Employment Factors in Malaysia: Employer's Perspectives*. (From Industry 4.0 to Industry 5.0: Mapping the Transitions). Eds. Allam Hamdan, Arezou Harraf, Amina Buallay, Pallvi Arora, Hala Alsabatn. Springer. 537-554. (ISBN: 9783031283130)
5. **Mohd Hazwan Mohd Puad** & Zatulnatiqah Hasin. (2023). *Pencapaian Pelajar Kursus Reka Bentuk dan Teknologi dalam Pendidikan dan Latihan Teknikal dan Vokasional: Pengaruh Persepsi Kreativiti dan Inovasi dalam Pembelajaran*. (Latihan dan Pembangunan Kerjaya). Eds. Lee Ming Fong, Fazlinda Ab Halim. Penerbit Universiti Tun Hussein Onn Malaysia. 168-183. (ISBN: 978-629-7566-85-6)
6. **Mohd Hazwan Mohd Puad** & Muhammad Shah Akmal Mohd Shamsuddin. (2023). *Faktor yang Mempengaruhi Keinginan Pemilihan Kerjaya Keusahawanan dalam Kalangan Pelajar Sains Pertanian di Sekolah Menengah*. (Latihan dan Pembangunan Kerjaya). Eds. Lee Ming Fong, Fazlinda Ab Halim. Penerbit Universiti Tun Hussein Onn Malaysia. 19-39. (ISBN: 978-629-7566-85-6)
7. Mohamad Nurul Azmi Mat Nor, Nurzatulshima Kamarudin, Umi Kalthom Abd. Manaf & **Mohd Hazwan Mohd Puad**. (2022). *Pemupukan Budaya Kemahiran Berfikir Aras Tinggi dalam Kurikulum*. (Perspektif dalam Pelaksanaan Kurikulum: Menguasai KBAT Menjwai Kemanusiaan). Eds. Fazilah Razali, Tajularipin Sulaiman, Umi Kalthom Abd Manaf, Ahmad Fauzi Mohd Ayub. Penerbit Universiti Pendidikan Sultan Idris. 79-90. (ISBN: 978-967-0050-98-0)
8. **Mohd Hazwan Mohd Puad** & Fitrella Maning. (2022). *Pengaruh Autoriti Ibu Bapa dan Konsep Kendiri Terhadap Kesukaran Membuat Keputusan Pemilihan Kerjaya di Bidang Pertanian: Kajian Kes Pelajar Vokasional*. (Latihan dan Pembangunan Kerjaya). Eds. Fazlinda Ab Halim, Lee Ming Fong. Penerbit Universiti Tun Hussein Onn Malaysia. 23-50. (ISBN: 978-967-0061-44-3)
9. **Mohd Hazwan Mohd Puad** & Hazeem Mohamad Desa. (2022). *Faktor Persepsi Keyakinan Diri dan Orientasi Kerja dalam Mempengaruhi Atribut Peribadi Kemahiran Kebolehpasaran Graduan*. (Latihan dan Pembangunan Kerjaya). Eds. Fazlinda Ab Halim, Lee Ming Fong. Penerbit Universiti Tun Hussein Onn Malaysia. 91-108. (ISBN: 978-967-0061-44-3)
10. **Mohd Hazwan Mohd Puad** & Shironika Norjamin. (2021). *Penilaian Penguasaan Kemahiran Pelajar Dalam Program Latihan dan Pembangunan Kemahiran. Latihan dan Pembangunan Kerjaya*. (Training and Career Development). Eds. Lee Ming Fong, Fazlinda Ab Halim. Penerbit Universiti Tun Hussein Onn Malaysia. 15-133. (ISBN: 978-967-2817-19-2)
11. **Mohd Hazwan Mohd Puad** & Nor Amira Abu. (2021). *Pengenalpastian Memori Visual dan Kemahiran Visualisasi dalam Kalangan Pelajar Kejuruteraan dan Teknikal. Latihan dan Pembangunan Kerjaya*. (Training and Career Development). Eds. Lee Ming Fong, Fazlinda Ab Halim. Penerbit Universiti Tun Hussein Onn Malaysia. 128-146. (ISBN: 978-967-2817-19-2)
12. Muhd Khaizer Omar, Mohd Fakhru Azizie Mohd Zaid, Mohd Mokhtar Muhammad, Abdullah Mat Rashid, Ismi Arif Ismail, & **Mohd Hazwan Mohd Puad**. (2018). *Embedding Service-learning (SL) Project in Technical and Vocational Education and Training (TVET) Course to Develop Students Employability Skills Via Putra Future Class Room Platform*. (Transformasi Sekolah 2025: Memacu Kemenjadian Murid). Eds. Mohd Mahzan Awang, Abdul Razaq Ahmad, Mohammad Nuri Hussin, Mohd Edzlam Edros. Universiti Putra Malaysia Press. 569-578. (ISBN: 978-983-9264-25-8).
13. **Mohd Hazwan Mohd Puad**. (2016). *Minimising Unemployment through Training Programs: Lesson Learnt from the Perspective of Educators, Employers and Graduates*. (Borderless Open Access Education). Eds. Aini Ideris, Renuganth Varatharajoo, Fairuz Izzudin Romli, Ab. Rahim Bakar, Eugene Fransua Arokiasamy. Universiti Putra Malaysia Press. 206-220. (ISBN: 978-967-344-649-0).
14. **Mohd Hazwan Mohd Puad**. (2009). *Hubungan antara Faktor Pengetahuan Dengan Amalan Pengurusan Makmal dalam Pengajaran dan Pembelajaran di Makmal Kimpalan Arka dan Gas*. (Strategi Memperkasa Pendidikan Teknik dan Vokasional). Eds. Norhasni Zainal Abidin, Suhaida Abdul Kadir & Arasinah Kamis. Universiti Putra Malaysia Press. 13-39.

Proceedings:

1. Lei Bocheng, Ma Wenting, Yang Pu & **Mohd Hazwan Mohd Puad**. (2024). Multimedia Teaching Resources in Technical and Vocational Education and Training (TVET) Schools: Issues and Challenges. Proceedings of International Graduate Research in Education Seminar 2024 (i-GREduc 2024). Retrieved from <https://conference.upm.edu.my/greduc?view=page&val=muatturun>
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Intellectual Property:

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IP number: 201707250607
Date: 25th July 2017

E. ANUGERAH DAN PENGHARGAAN (HONORS AND AWARDS)

- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2023 (PICTL 2023): MyChamventure: Transforming Quizzes into Engaging and Accommodative Learning Experiences
- Silver Medal - International Putra Innocreative Carnival in Teaching and Learning 2023 (PICTL 2023): "You Will Not Be Left Behind" Nurturing Employability Skills of Students with Disabilities
- Silver Medal – Innovation Showcase @ Putra Future Classroom 2023: Program Karnival STEM: Pembangunan Kemahiran Penyampaian Bakal Guru STEM Melalui Aktiviti Pembelajaran Berinovatif
- Bronze Medal – Teaching and Learning Innovation Competition 2023 (TLIC 2023): Home Science Education in TVET
- Silver Medal – Teaching and Learning Innovation Competition 2023 (TLIC 2023): Agricultural Science Education in TVET
- Bronze Medal – Teaching and Learning Innovation Competition 2023 (TLIC 2023): Pendigitalan Pendidikan dan Latihan Teknikal dan Vokasional (TVET): Pengajaran dan Pembelajaran MTK1043 Kimpalan Arka Logam Berperisai 1 Melalui Aplikasi Mudah Alih
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2023 (PICTL 2023): Nurturing Employability Skills of Students with Disabilities
- Gold Medal - Invention, Innovation & Design on E-Learning (IDEL) Competition: 1-2-3 USUM: A Systematic Approach to Gauge Engagement in E-Learning
- Silver Medal - International Putra Innocreative Carnival in Teaching and Learning 2022 (PICTL 2022): Plantale Engaging Students in the Learning Experience
- Silver Medal - International Putra Innocreative Carnival in Teaching and Learning 2022 (PICTL 2022): Assessing the Effectiveness of Hybrid Learning Workshop: The Kirkpatrick Evaluation Model
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2021 (PICTL 2021): UDLversity: A Mobile App That Makes Planning of Universal Design for Learning (UDL) Easier
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2021 (PICTL 2021): 1-2-USUM! A Systematic Approach for Engaging Virtual

Authentic Assessment

- Silver Medal – International Putra Innocreative Carnival in Teaching and Learning 2021 (PICTL 2021): Employability Model for OKU (EMFOKU) Through Skills Intervention Program at Putra Future Classroom
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2021 (PICTL 2021): Blended TVET: Using Arduino Drone Module in Promoting Student Knowledge, Interest, and Attitude
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2021 (PICTL 2021): Program Membudayakan Digitalisasi Pedagogi Bahasa 4.0 Sebagai Integrasi Pengajaran E-Sulam Bersama Komuniti Digital Lenovo EdVision: Building Smarter Schools and Minds
- Best Paper Award – Graduate Research and Education Seminar 2021 (GREduc 2021): Satisfaction and Facilitator Factors of Arduino Drone Module in Design and Technology Subject Among TVET Pre-service Teachers
- Bronze Medal - International Putra Innocreative Carnival in Teaching and Learning 2021 (PICTL 2021): Kaedah Penyelesaian POLYA-7E dalam Meningkatkan Pencapaian Mata Pelajaran Matematik Tambahan
- Kertas Kerja Terbaik – Seminar Kebangsaan Majlis Dekan Pendidikan Universiti Awam Malaysia 2020 (MEDC 2020): Pengaruh Motivasi Pelajar dalam Program Latihan Kebolehpasaran di Era Revolusi Industri 4.0
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2020 (PICTL 2020): Time-Lapse Videography as Alternative TVET-based Assessment Strategy for Project Outcome-based Learning
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2020 (PICTL 2020): Generating and Visualizing Ideas via 3D Modeling SketchUp
- Putra Innocreative Awards – International Putra Innocreative Carnival in Teaching and Learning 2020 (PICTL 2020): USUM: A Systematic Inclusive Approach for Sustaining Student Engagement and Enhancing Virtual Learning Effectiveness
- Best STEM Education Presenter – ICONSTEM-Ed in conjunction with 7th IPCSM 2019: Level of Creativity and Innovation based on Programs, Academic Backgrounds, and Academic Achievement among Technical and Vocational Education Students in Universiti Putra Malaysia
- Gold Medal – Innovation Showcase @ PUTRA Future Classroom 2019: Multifunction Watering Pot
- Silver Medal - Innovation Showcase @ PUTRA Future Classroom 2019: Garden Wolverine Glove
- Bronze Medal - Innovation Showcase @ PUTRA Future Classroom 2019: Make Blended Learning Fun and Inclusive with GamUDLearn
- Bronze Medal - Innovation Showcase @ PUTRA Future Classroom 2019: Multifunction Chopping Board
- Silver Medal - Innovation Showcase @ PUTRA Future Classroom 2019: Dishwasher Rack
- Gold Medal - Innovation Showcase @ PUTRA Future Classroom 2019: Fruit Wrapper
- Silver Medal - Innovation Showcase @ PUTRA Future Classroom 2019: Repotting Container
- Gold Award – International University Carnival on E-Learning 2019 (IUCEL 2019): GamUDLearn: Integrating Universal Design for Learning (UDL) and Gamification in Blended Learning
- Pingat Perak – K-Novasi Pengajaran & Pembelajaran 2019: Problem-Posing Multimedia Module (Propose-M)
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2019 (PICTL 2019): Fostering Creativity and Critical Thinking Skills via Project-Based Learning in Design and Technology Course Series
- Gold Medal - International Putra Innocreative Carnival in Teaching and Learning 2019 (PICTL 2019): GamUDLearn: Integrating Universal Design for Learning (UDL) and Gamification in Blended Learning
- Silver Medal - International Putra Innocreative Carnival in Teaching and Learning 2019 (PICTL 2019): A Case Study of Project Outcome-Based Learning (PO-BL): Exploring A Robot Development Application for Innovation Showcase at PUTRA Future Classroom (PFC)
- Anugerah Emas – Konvensyen Kebangsaan Kali ke-2 Program Transformasi Sekolah 2025 (TS25) Kementerian Pendidikan Malaysia 2018
- Bronze Medal - International Putra Innocreative Carnival in Teaching and Learning 2018 (PICTL 2018): Invention and Product Development Through Project-Based Learning (PBL) in Coastal Tourism Industry
- Silver Medal - International Putra Innocreative Carnival in Teaching and Learning 2018 (PICTL 2018): Promoting Student Discussion and Enriching Student Understanding via Sketching and Drawing
- Silver Medal – International University Carnival on E-Learning 2018 (IIDEL 2018): Learn to Play (L2P), Play to Learn (P2L) and Learn to Learn (L2L): Integrating Universal Design for Learning (UDL) and Gamification in Blended Learning

F. PELAJAR BERGRADUAT (GRADUATED STUDENTS)

1. Samsu Hilmy Abdullah. Ph.D. Educational Technology. (2024). Modeling Influences of Technology Acceptance, Decision-Making Style, and Data Literacy on the Implementation of Learning Analytics Among School Teachers in Malaysia – CHAIR.
2. Wang Xuefeng. Ph.D. Integrated Design Studies. (2024). Development and Effectiveness of Animation of Teaching System by Integrating Educational Approach Techniques for Animation Education in Less Developed Provinces in China – COMMITTEE MEMBER.
3. Wali Afaf Masaud Elsaieh. Ph.D. Epidemiology and Public Health. (2024). Impacts of Concurrent Cigarette and E-Cigarette Use on University Students' Psychological Well-Being, Health, and Smoke Cessation – COMMITTEE MEMBER.
4. Wali Fatma Masoud Elsaieh. Ph.D. Epidemiology and Public Health. (2024). Parental Smoking Habits and Children Exposure to Household Secondhand Smoke in Klang Valley, Malaysia. – COMMITTEE MEMBER.
5. Zaleha Endot. Ph.D. Pendidikan Teknikal dan Vokasional. (2023). Pengaruh Efikasi Swadiri, Motivasi Intrinsik, Keprihatinan, Kemahiran TMK dan Latihan Sokongan Terhadap Kesediaan, Guru dalam Melaksanakan Pengajaran Reka Bentuk dan Teknologi – COMMITTEE MEMBER.
6. Hamad Muaybid A Alharbi. Ph.D. Educational Technology. (2023). Factors Influencing Teachers' Behavioral Intention and Utilization of Madrasati in Public Schools in Riyadh, Saudi Arabia – COMMITTEE MEMBER.
7. Norhafizah Che Zainal. Master Sains. Teknologi Pendidikan. (2023). Pengaruh Faktor Peramal Terhadap Tingkah Laku Keselamatan Siber dalam Kalangan Pelajar Sekolah Menengah di Malaysia – CHAIR.
8. Mohd Amiruddin Ag, Damit. Master Sains. Pendidikan Teknik dan Vokasional. (2023). Meneroka Pengalaman Guru Melaksanakan Pendidikan Berasaskan Hasil bagi Program Teknologi Automotif di Kolej Vokasional Negeri Selangor, Malaysia – COMMITTEE MEMBER.
9. Aslina Mohamed. Master Sains. Pendidikan Teknik dan Vokasional. (2022). Pengalaman Pembelajaran, Perancangan dan Eksplorasi Kerjaya, Efikasi Kendiri, Ekspektasi Hasil dan Matlamat dengan Kepastian Kerjaya Pelajar Kolej Vokasional – CHAIR.
10. Noor Ashira Yusran. Master Sains. Kurikulum dan Pengajaran. (2022). Pengaruh Eksplorasi Kerjaya Sebagai Pengantara Antara Sokongan Sosial dan Efikasi Kendiri Terhadap Hasrat Pemilihan Bidang Kerjaya dalam Kalangan Pelajar Asasi Sains Pertanian – CHAIR.
11. Dayang Suryati Abang Ibrahim. Ph.D. Pendidikan Teknikal dan Vokasional. (2022). Kesan Pembelajaran Berasaskan Projek dalam Mata Pelajaran Reka Bentuk dan Teknologi Terhadap Kolaborasi dan Rasa Ingin Tahu Murid – COMMITTEE MEMBER.
12. Sharmine Marilyn Balakrishnan. Master of Science. Educational Technology. (2021). Mediating Role of E-Learning Quality Between Organizational Learning and E-Learning among Corporate E-Learners in a Malaysian Company – CHAIR.
13. Nur Izzah Muhamad Sauki. Master Sains. Kurikulum dan Pengajaran. (2021). Kesan Penggunaan Kaedah Penyelesaian Masalah POLYA-7E Terhadap Pembelajaran Tajuk Pembezaan dalam Matematik Tambahan Tingkatan Empat di Sepang, Selangor – COMMITTEE MEMBER.
14. Nurul Shazwani Bakry. Master Sains. Pendidikan Teknik dan Vokasional. (2020). Pengaruh Konsep Kendiri, Efikasi Kendiri dan Kepastian Kerjaya Terhadap Kemahiran Kebolehpasaran Pelajar Program Kejuruteraan Kolej Vokasional di Selangor – CHAIR.
15. Hanis Mohamed. Master Sains. Pendidikan Teknik dan Vokasional. (2020). Hubungan antara Motivasi Intrinsik, Penglibatan Ibu Bapa dan Kompetensi Pensyarah dengan Kemahiran Kebolehpasaran Pelajar Seni Kulineri Kolej Vokasional – CHAIR.
16. Nor Tutiani Ab. Wahid. Ph.D. Curriculum and Instruction. (2019). The Development of Problem-Posing Multimedia Module and Its Effectiveness to Enhance Students Performance in Form Four Biology Subject – COMMITTEE MEMBER.
17. Nurul Farhana Mohamed. Master Sains. Pendidikan Teknik dan Vokasional. (2019). Hubungan antara Strategi Pengajaran Guru, Penglibatan Pelajar dan Sokongan Sosial dengan Kecekalan Pelajar Meneruskan Pengajian dalam Bidang Sains Pertanian di Kolej Vokasional, Malaysia - COMMITTEE MEMBER.
18. Rosmilawati Ab Rahman. Ph.D. Pendidikan Teknik dan Vokasional. (2018). Hubungan antara Amalan Kepemimpinan Transformasi dengan Komitmen Terhadap Perubahan Organisasi serta Kepuasan Kerja Sebagai Mediator dalam Kalangan Tenaga Pengajar di Kolej Komuniti - COMMITTEE MEMBER.
19. Martini Mohamad. Master Sains. Pendidikan Teknik dan Vokasional. (2018). Pengaruh Persekitaran Pembelajaran Terhadap Kemahiran Kerja Berpasukan dalam Kalangan Pelajar Tahun Akhir Diploma Vokasional Malaysia di Selangor – COMMITTEE MEMBER.

G. PENGAJARAN (TEACHING)

1. Curriculum Design in Technical and Vocational Education
2. Programme Evaluation in Technical and Vocational Education
3. Comparative Studies of Technical and Vocational Education Systems
4. Statistics
5. Sketching and Modelmaking
6. Technical Drawing
7. Product Design and Development
8. Foundation and Application of Technology in Design
9. Microteaching in Design and Technology