Dr. Mohd Hafizul Afifi bin Abdullah

Assistant Professor in Computer Science | PhD in Information Technology
Artificial Intelligence and Data Science

Location: Seri Iskandar, Perak, Malaysia | Email: hafizul94@gmail.com | hafizulafifi@utar.edu.my
Website: hafizulabdullah.com | LinkedIn: linkedin.com/in/hafizulamz | ORCID: 0000-0002-1427-2571
Google Scholar: scholar.google.com/citations?user=mWsihrgAAAAJ | Scopus ID: 57208809529

PROFILE

Dr. Mohd Hafizul Afifi bin Abdullah is an Assistant Professor at Universiti Tunku Abdul Rahman (UTAR), Malaysia. He holds a Ph.D. in Information Technology from Universiti Teknologi PETRONAS and an M.Info.Tech. and B.Sc. in Computer Science from Universiti Tun Hussein Onn Malaysia. Over nearly ten years in higher education, he has developed a robust pedagogical philosophy centred on hands-on, industry-aligned learning, integrating live virtual labs and continuous assessment. This bridges the gap between theoretical computer science and its practical application, and sustains high engagement among his students. His research focuses on deep learning for biomedical applications, particularly natural language processing for extracting information from biomedical text and medical image analysis. His track record includes publications in reputable Q1/Q2 journals, a keynote on generative AI (IICT'26), and a UTAR Research Fund grant on which he serves as Principal Investigator. He also reviews for international conferences and for journals such as Neural Networks and Knowledge-Based Systems.

RESEARCH INTERESTS

- Deep learning and machine learning for biomedical applications
- Natural language processing and information extraction
- Applied machine learning

ACADEMIC APPOINTMENTS

Universiti Tunku Abdul Rahman (UTAR)
Department of Computer Science, Faculty of Information and Communication Technology, Kampar, Perak, Malaysia

[Feb 2025 – Present]

Assistant Professor (2026 – present)
Lecturer (2025)

- Lead UCCD2083 Cloud Computing and Services for 300+ students, achieving teaching scores of 4.78 and 4.83, above department, faculty and university averages, and receiving a Letter of Congratulation for Teaching Excellence (2025).
- Secured a grant as Principal Investigator of a UTAR Research Fund project on forest fire risk prediction.
- Supervised 19 FYP students; two of them placed in the top 3 of the UTAR FYP Competition.
- Main supervisor of an MSc student; academic advisor to 35 students; MSc and PhD examiner at UTAR and UTM.

Universiti Teknologi PETRONAS (UTP)
Computer and Information Sciences Department, Perak, Malaysia

[Jan 2021 – Jan 2025]

Research Assistant / Teaching Assistant

- Rated 4.94/5 and 4.95/5 by students; delivered labs and tutorials across six courses; received the Best Tutor Award (2021).
- Co-authored the textbook *Data Analytics Using Python*, published by UTP Press (2023).
- Completed PhD research on biomedical event extraction using deep learning, publishing 5 WoS Q1/Q2 journal articles.

RESEARCH EXPERIENCE

Universitas Muhammadiyah Prof. Dr. HAMKA (UHAMKA)
Jakarta, Indonesia (remote)
[Apr 2021 – May 2021]
Postgraduate Research Attachment
- Built and deployed an interactive KPI dashboard based on criteria set by UHAMKA.
- Organised UTP–UHAMKA adjunct lectures.

Universiti Teknologi PETRONAS (UTP)
Centre for Research in Data Science (CeRDaS), Perak, Malaysia
[Mar 2020 – Jan 2021]
Research Officer / Special Services
- Cleaned, processed and modelled data and evaluated machine learning models for an internal grant project.
- Co-wrote research papers, reports and book chapters; assisted the PI in delivering workshops.
- Assisted PI in conducting workshop sessions.

Universiti Tun Hussein Onn Malaysia (UTHM)
Faculty of Computer Science and Information Technology, Johor, Malaysia
[Mar 2017 – Jan 2019]
Graduate Research Assistant
- Developed and validated predictive machine learning models for a national environmental risk assessment project funded by the Ministry of Higher Education (MoHE) Malaysia (FRGS).
- Collected and processed data, ran experiments, and published results in conferences and journals.

INDUSTRY EXPERIENCE

Hafizhaffaz Technology
Batu Pahat, Johor, Malaysia
[Feb 2017 – Jan 2022]
Founder and Freelance Developer
- Founded a programming team delivering websites and web applications for clients alongside my studies and research.
- Developed Performa.my: web application for performance satisfaction analysis (Gold awards at RISE 2020 and eREKA 2020).
- Completed web application prototype for Platform Usahawan Johor Interaktif (PUJI); UI/UX upgrade the UTHM MBA website.
- Developed websites for 3A Bundle, Ghali Charity Foundation, Johor i Care Society and ProofreadMyThesis.

Gates IT Solution Sdn Bhd
Serdang, Selangor, Malaysia
[Aug 2016 – Feb 2017]
System Analyst Programmer
- Revamped the e-Campus system for KUIPSAS (now UniPSAS) with new features and a redesigned UI/UX.
- Upgraded the SSM EzBiz system for the Companies Commission of Malaysia (SSM).
- Worked across multiple teams to close 4 IT projects; reported progress and milestones to stakeholders.

EDUCATION

Ph.D. in Information Technology
Universiti Teknologi PETRONAS (UTP), Perak, Malaysia
[2021 – 2025]
- Thesis: *An Enhanced Embedding Strategy for Biomedical Event Extraction Using Deep Learning and Pretrained Language Model*
- Supervisor: Assoc. Prof. Ts. Dr. Norshakirah Ab. Aziz; Co-supervisor: Assoc. Prof. Ts. Dr. Said Jadid Abdulkadir

Master of Information Technology (by Research) [2017 – 2021]
Universiti Tun Hussein Onn Malaysia (UTHM), Johor, Malaysia
- Thesis: *Improved Personalised Data Modelling using Parameter Independent Fuzzy Weighted k-Nearest Neighbour for Spatio/Spectro-Temporal Data*
- Supervisor: Dr. Muhaini binti Othman; Co-supervisor: Assoc. Prof. Dr. Shahreen binti Kasim

Bachelor of Computer Science (Web Technology) with Honours [2013 – 2017]
Universiti Tun Hussein Onn Malaysia (UTHM), Johor, Malaysia
- First Class Honours (CGPA 3.74)
- Thesis: *Research on Improving Dominant Yeast Genes for Gene Function Prediction*
- Supervisor: Assoc. Prof. Dr. Shahreen binti Kasim

RESEARCH FUNDING

- **Principal Investigator**, UTAR Research Fund (UTARRF/2025-C2/M01), Nov 2025 – Oct 2026
  Forest Fire Risk Prediction Based on Historical Data Using Enhanced Feedforward Neural Networks for Early Warning and Disaster Management
- **Member**, Yayasan Universiti Teknologi PETRONAS (015LC0-277), Feb 2020 – Feb 2023
  Forecasting of Crude Oil Price Using Deep Learning-ANN
- **Member**, Fundamental Research Grant Scheme (FRGS 1612), Aug 2016 – Jan 2019
  Improved Spatio-Temporal Data Modelling with Spiking Neural Network Methods for Environmental Event Prediction

PUBLICATIONS

	Publications	Citations	h-index
Google Scholar	33	309	9
Scopus	21	199	7
Web of Science	12	86	4

Including 5 Web of Science Q1/Q2 journal articles. Metrics as of October 2026.

Journal Articles

- Aminu Ghali, A., **Abdullah, M. H. A.**, Jaafar, A. G., & Talpur, N. (2026). A Review Internet of Things (IoT) Security Challenges. *Open International Journal of Informatics*, 14(1), 1–20. https://doi.org/10.11113/oiji2026.14n1.344
- Talpur, N., Hassan, S., **Abdullah, M. H. A.**, Ghali, A. A., Raheem, A. A., Khatoon, S., Aziz, N., & Alaganandham, S. (2025). Boosting classification accuracy using an efficient stochastic optimization technique for feature selection in high-dimensional data. *Swarm and Evolutionary Computation*, 97, 102025. https://doi.org/10.1016/j.swevo.2025.102025 **[WoS Q1]**
- Talpur, N., A Aziz, N., Muhamad Hafidz, A. H., & **Abdullah, M. H. A.** (2025). A Raspberry Pi-Based Framework for Network Security Threat Analysis in Local Area Networks. *Platform: A Journal of Science and Technology*, 8(2). https://doi.org/10.61762/pjstvol8iss2art002
- **Abdullah, M. H. A.**, Aziz, N., Abdulkadir, S. J., Hussain, K., Alhussian, H., & Talpur, N. (2024). A comprehensive review of existing corpora and methods for creating annotated corpora for event extraction tasks. *Journal of Data and Information Science*, 9(4), 1–43. https://doi.org/10.2478/jdis-2024-0029 **[WoS Q2]**
- Talpur, N., Abdulkadir, S. J., Akhir, E. A. P., Hasan, M. H., Alhussian, H., & **Abdullah, M. H. A.** (2023). A novel bitwise arithmetic optimization algorithm for the rule base optimization of deep neuro-fuzzy system. *Journal of King Saud University – Computer and Information Sciences*, 35(2), 821–842. https://doi.org/10.1016/j.jksuci.2023.01.020 **[WoS Q1]**
- **Abdullah, M. H. A.**, Aziz, N., Abdulkadir, S. J., Alhussian, H. S. A., & Talpur, N. (2023). Systematic Literature Review of Information Extraction from Textual Data: Recent Methods, Applications, Trends, and Challenges. *IEEE Access*, 11. https://doi.org/10.1109/ACCESS.2023.3240898 **[WoS Q2]**

- Talpur, N., Abdulkadir, S. J., Alhussian, H., Hasan, M. H., & **Abdullah, M. H. A.** (2022). Optimizing deep neuro-fuzzy classifier with a novel evolutionary arithmetic optimization algorithm. *Journal of Computational Science*, 64, 101867. **[WoS Q1]**
- **Abdullah, M. H. A.**, Othman, M., Kasim, S., & Mohamed, S. A. (2019). Evolving spiking neural networks methods for classification problem: a case study in flood events risk assessment. *Indonesian Journal of Electrical Engineering and Computer Science*, 16(1), 222–229.
- Mohamed, S. A., Othman, M., & **Abdullah, M. H. A.** (2019). A review on data clustering using spiking neural network (SNN) models. *Indonesian Journal of Electrical Engineering and Computer Science*, 15(3), 1392–1400.
- Othman, M., Arif, M., **Abdullah, M. H. A.**, Yusof, M. M., & Mohamed, R. (2017). Human resource management on cloud. *JOIV: International Journal on Informatics Visualization*, 1(4-2), 260–263.
- Othman, M., Shamsudin, S. N., **Abdullah, M. H. A.**, Yusof, M. M., & Mohamed, R. (2017). iBid: A Competitive Bidding Environment for Multiscale Tailor. *JOIV: International Journal on Informatics Visualization*, 1(4-2), 256–259.
- Othman, M., Nordin, M. S., **Abdullah, M. H. A.**, Yusof, M. M., & Mohamed, R. (2017). Cakelicious: Web App for Designing a Customised Wedding Cakes. *JOIV: International Journal on Informatics Visualization*, 1(4-2), 236–239.

Conference Proceedings

- Ishak, Z., **Abdullah, M. H. A.**, Ying, T. X., Idris, A. Y., Khamis, S., & Zolkafly, A. S. (2026). Assessing Blockchain Readiness for Circular Economy Integration in the Malaysian Palm Oil Industry Using AI-Based Methods. In *2026 7th International Conference on Artificial Intelligence and Data Sciences (AiDAS)* (pp. 280–287). IEEE.
- Hassan, S. U., Talpur, N., Hasan, M. H., **Abdullah, M. H. A.**, Chowdhury, M. T. A., & Khan, A. (2025). Data Quality Assessment of Distributed Acoustic Sensing for CO2 Leak Detection Using Machine Learning. In *2025 6th International Conference on Artificial Intelligence and Data Sciences (AiDAS)* (pp. 391–396). IEEE. https://doi.org/10.1109/AiDAS67696.2025.11213822
- Talpur, N., Aziz, N., Khatoon, S., **Abdullah, M. H. A.**, Hassan, S. U., & Balogun, A. O. (2024). The Gamification Effect of Simplifying Complex Mathematics and Statistics Concepts: A Case Study of Online Game-Based Quiz Tools. In *2024 International Conference on TVET Excellence & Development (ICTeD)* (pp. 130–135). IEEE. https://doi.org/10.1109/ICTeD62334.2024.10844627
- Talpur, N., Alier, N. C. G., Matsom, H., **Abdullah, M. H. A.**, & Khatoon, S. (2024). Predicting Employee Performance using Machine Learning to Enhance Workforce Efficiency. In *2024 8th International Conference on Computing, Communication, Control and Automation (ICCUBEA)* (pp. 1–4). IEEE.
- Aziz, N., Akhir, E. A. P., Abdulkadir, S. J., Alhussian, H. S. A., & **Abdullah, M. H. A.** (2023). Development of Analytical Thinking Using Flipped Classroom Approach for Big Data Analytics Courses. In *The IAFOR International Conference on Education – Hawaii 2023 Official Conference Proceedings* (pp. 679–696). IAFOR.
- **Abdullah, M. H. A.**, Aziz, N., Abdulkadir, S. J., Akhir, E. A. P., & Talpur, N. (2023). Event Detection and Information Extraction Strategies from Text: A Preliminary Study Using GENIA Corpus. In *International Conference on Emerging Technologies and Intelligent Systems* (pp. 118–127). Springer, Cham.
- Aziz, N., **Abdullah, M. H. A.**, Osman, N. A., Musa, M. N., & Akhir, E. A. P. (2023). Predictive Analytics for Oil and Gas Asset Maintenance Using XGBoost Algorithm. In *International Conference on Emerging Technologies and Intelligent Systems* (pp. 108–117). Springer, Cham.
- Aziz, N., **Abdullah, M. H. A.**, & Zaidi, A. N. (2020). Predictive Analytics for Crude Oil Price Using RNN-LSTM Neural Network. In *2020 International Conference on Computational Intelligence (ICCI)* (pp. 173–178). IEEE.
- **Abdullah, M. H. A.**, Othman, M., Kasim, S., Saharuddin, S. S., & Mohamed, S. A. (2020). A Spiking Neural Networks Model with Fuzzy-Weighted k-Nearest Neighbour Classifier for Real-World Flood Risk Assessment. In *International Conference on Soft Computing and Data Mining* (pp. 222–230). Springer, Cham.
- Othman, M., Halil, N. M., Yusof, M. M., Mohamed, R., & **Abdullah, M. H. A.** (2018). Empowering self-management through m-health applications. In *MATEC Web of Conferences* (Vol. 150, 05018). EDP Sciences.

- Othman, M., Mohamed, S. A., **Abdullah, M. H. A.**, Yusof, M. M., & Mohamed, R. (2018). A Framework to Cluster Temporal Data Using Personalised Modelling Approach. In *Advances in Intelligent Systems and Computing* (pp. 181–190). Springer, Cham.
- Kasim, S., Fudzee, M. F., Salamat, M. A., Ramli, A. A., Mahdin, H., & **Abdullah, M. H. A.** (2016). An improved computational framework using one stage filtration by incorporating knowledge in gene expression clustering. In *Proceedings of ICAIR-CACRE '16*.

Books and Book Chapters

- Hassan, S. U., Talpur, N., Hasan, M. H., **Abdullah, M. H. A.**, Ullah, F., & Chowdhury, M. T. (2026). Monitoring Oil and Gas Using Edge Intelligence and IoT for Remote Field Operations. In S. Bhushan, F. Ullah, & H. Hasan (Eds.), *AI and Blockchain Applications in the Oil and Gas Industry* (pp. 207–230). IGI Global Scientific Publishing. https://doi.org/10.4018/979-8-3373-5457-6.ch008
- Aziz, N. A., Akhir, E. A. P., Kadir, S. J. A., Alhussian, H., Osman, N. A., & **Abdullah, M. H. A.** (2023). *Data Analytics Using Python*. UTP Press. ISBN 978-967-2880-58-5.
- Yusof, M. M., Rosli, N. F., Othman, M., Mohamed, R., & **Abdullah, M. H. A.** (2018). M-DCocoa: M-Agriculture Expert System for Diagnosing Cocoa Plant Diseases. In R. Ghazali, M. Deris, N. Nawi, & J. Abawajy (Eds.), *Recent Advances on Soft Computing and Data Mining (SCDM 2018)*, Advances in Intelligent Systems and Computing, vol. 700. Springer, Cham.
- **Abdullah, M. H. A.**, Othman, M., & Kasim, S. (2018). Comparative Analysis of Spatio/Spectro-Temporal Data Modelling Techniques. In *Data Engineering and Information Security*.

TEACHING

Courses taught

***Universiti Tunku Abdul Rahman* (2025 – present)**

- UCCD2083 Cloud Computing and Services: course lead; lectures and tutorials; 300+ students
- UCCD3113 Distributed Computer Systems: lectures and tutorials
- UCCD3223 Mobile Applications Development: practical labs
- UCCD1024 Data Structure and Algorithmic Problem Solving: practical labs

***Universiti Teknologi PETRONAS* (2021 – 2025, Teaching Assistant)**

- Big Data Analytics; Business Intelligence: practical labs
- IT/IS Project Management; ERP; IT Infrastructure; Information Security Management: tutorials

Student evaluations

- UTAR Student Evaluation of Teaching (SET): **4.78** (department 4.45, faculty 4.45, university 4.43) and **4.83** (department 4.39, faculty 4.42, university 4.46).
- UTP teaching ratings: **4.94/5** and **4.95/5**.

Teaching materials and innovation

- Developed lecture notes for Cloud Computing and Services, practical notes for Mobile Applications Development, lab activities and slides for Business Intelligence and Big Data Analytics, and tutorial sets for IT/IS Project Management.
- Co-author of *Data Analytics Using Python* (UTP Press, 2023), a beginner textbook with lab exercises; currently preparing *Data Analytics for Practitioners* and a Business Intelligence textbook with my main PhD supervisor.
- Use active, blended and flipped-classroom learning in large classes, with continuous assessment and live virtual labs.
- Accompanied students on study tours to UTM and the NUS School of Computing, Singapore (Nov 2025), and to Prince of Songkla University, Thailand, and Universiti Utara Malaysia (Oct 2026).

Teaching development (selected)

- To Flip or Not to Flip? Engagement in Large Classes, University of Nottingham Malaysia (Jun 2026)
- DTEX-GAIPE: Generative AI and Prompt Engineering, Trainocate (Nov 2025)
- Research Supervision Training (CCCD In-House Training), UTAR (Sep – Oct 2025)
- Training on Active Learning, CETaL, Universiti Teknologi PETRONAS (May 2024)
- Outcome-Based Education and Teaching Approach, Universiti Teknologi PETRONAS (May 2022)

- Other recent training: Microsoft Azure AI Fundamentals (AI-900), Trainocate (Jun 2025); Developing on Hyperledger Fabric Blockchain, Sakra Academy (Jul 2025); Workflow Design with n8n, UTAR (Jan 2026)

SUPERVISION AND EXAMINATION

Supervision

- **Postgraduate:** Muhammad Amin, MSc (Computer Science), main supervisor, UTAR, 2026–2028.
- **Final Year Projects:** 19 FYP students supervised at UTAR since 2025; two FYP2 supervisees placed in the top 3 of the UTAR FYP Competition.
- **Undergraduate research:** 2 UTAR Undergraduate Research Scheme (UTAR-URS) students working on forest fire risk prediction.
- **Undergraduate mentoring (UTHM, 2017–2021):** guided 9 Final Year Project students supervised by Dr. Muhaini binti Othman during my Master's studies, providing them with technical guidance and reviewing their project reports.
- **Internships:** industrial training supervisor for 6 students (2025 – 2026).
- **Academic advising:** academic advisor to 35 Computer Science students, with a documented check-in at least once per trimester and referral to counselling services where needed.

External examiner

- Viva External Examiner, Master of Computer Science (ODL), Afifah binti Mamat, Universiti Teknologi Malaysia, 27 Jan 2026.

Internal examination (UTAR)

- Viva Internal Examiner, MSc (Computer Science), Zainab Hassan, Nov 2026 (scheduled).
- Proposal Defence Expert 2, MSc (Computer Science), Fatina Aisya, 10 Sep 2026.
- Viva Faculty Representative, PhD (Computer Science), Muhammad Asfand Yar, 26 Aug 2026.
- Proposal Defence Expert 2, MSc (Computer Science), Jannatut Taharia, 11 Jun 2026.
- Proposal Defence Expert 1, MSc (Computer Science), Mir Allahyar, 10 Jun 2026.
- Pre-Viva Expert 2, PhD (Information Technology), Wong Chee Siang, 14 May 2026.
- Proposal Defence Expert 2, MSc (Computer Science), Wong Xu Wei, 20 Apr 2026.
- Pre-Viva Expert 2, MSc (Computer Science), Zainab Hassan, 11 Mar 2026.

INVITED TALKS AND CONFERENCE PRESENTATIONS

Invited talks

- **Keynote Speaker**, 1st International Conference on Innovations in Information and Communication Technologies (IICT'26), Mehran University of Engineering and Technology, Jamshoro, Pakistan (hybrid), 15–17 Jan 2026. Topic: "Decoding the Engine of Generative AI: Its Mechanics, Research Frontiers, and the Responsible Roadmap Ahead".
- Guest Speaker, Web Technology Department talk session, UTHM, 23 Apr 2017.

Conference presentations

- IAFOR International Conference on Education – Hawaii (IICE 2023), 5–8 Jan 2023 (virtual).
- 2nd International Conference on Emerging Technologies and Intelligent Systems (ICETIS 2022), 2–3 Sep 2022 (virtual).
- International Conference on Computational Intelligence (ICCI 2020), 8–9 Oct 2020 (virtual).
- 4th International Conference on Soft Computing and Data Mining (SCDM 2020), Melaka, Malaysia, 22–23 Jan 2020.
- 3rd International Conference on Soft Computing and Data Mining (SCDM 2018), 6–7 Feb 2018, Johor Bahru, Malaysia. Presenter and Session Chair.

CONFERENCE COMMITTEES AND PEER REVIEW

Conference committees

- Technical Program Committee, 10th International Symposium on Big Data and Applied Statistics (ISBDAS 2027), 12–14 Mar 2027, Guangzhou, China.

- Technical Program Committee, 13th International Conference on Advanced Informatics: Concepts, Theory and Applications (ICAICTA 2026), 20–21 Oct 2026, Kampar, Malaysia.
- Scientific Committee Member, Annual International Congress on Computer Science, Oxford, UK.

Journal reviewer

Neural Networks; *Knowledge-Based Systems*; *Journal of King Saud University – Computer and Information Sciences*; *Computers, Materials & Continua*; *Computer Systems Science and Engineering*; *Journal of Applied Science, Technology and Computing*; *Journal of Soft Computing and Data Mining*.

Conference reviewer

- The 6th International Conference on Computer, Information Technology and Intelligent Computing (CITIC 2026), Cyberjaya (Hybrid Mode), Malaysia.
- The 7th International Conference on Soft Computing and Data Mining (SCDM 2026), Online Conference.
- 2nd International Symposium on Informational Technology and Web Engineering (SITWE 2025), Multimedia University, Malaysia.
- International Conference on Artificial Intelligence and Data Sciences (AiDAS 2025), Bandung, Indonesia.
- Pacific Asia Conference on Information Systems (PACIS 2025), Kuala Lumpur, Malaysia.
- Annual International Congress on Computer Science, Oxford, UK (April 2025).
- The 6th International Conference on Soft Computing and Data Mining (SCDM 2024), Putrajaya, Malaysia.
- The First International Conference on Artificial Intelligent and Autonomous System (i-CAIAS 2023), Virtual Conference.
- 9th International Conference on Computing and Informatics (ICOCI 2023).
- The 5th International Conference on Artificial Intelligence in Engineering and Technology (IICAIET 2023), Kota Kinabalu, Malaysia.
- 8th International Conference on Software Engineering & Computer Systems 2023 (IEEE ICSECS 2023).
- The 5th International Conference on Soft Computing and Data Mining (SCDM 2022), Online Conference.
- 5th International Conference on ICT in Education 2021 (ICTE 2021).

SERVICE

- External Judge, UTP CodeFest ’26 national inter-varsity hackathon, SYNTECH, Universiti Teknologi PETRONAS, 14 Nov 2026.
- Panel Judge, Agentic AI Cybersecurity Hackathon 2026 (GDEX × ANON × UTAR), UTAR Kampar Campus, 7 Nov 2026.
- UTAR Coordinator, UTAR–AWS CendekiAwan programme (2026).
- Web Administrator, 13th International Conference on Advanced Informatics: Concepts, Theory and Applications (ICAICTA 2026).
- Web Administrator, UTAR Centre for Internet of Things and Big Data (CIoTBD) (2026); set up and maintain the centre’s LinkedIn page.

PROFESSIONAL TRAINING DELIVERED

Served as a trainer and assistant trainer for professional short courses run by the UTP Centre for Advanced and Professional Education (UTP-CAPE), KPT-PENJANA and UTAR.

- An Exploratory Business Intelligence Course using Power BI for Non-Technical Personnel (Programme Code 3087/2605/KPR), UTAR (May 2026).
- Business Analytics using Power BI, Management and Humanities Department, UTP (Jul 2022).
- KPT-PENJANA 3.0: Master the Basics of Big Data, AI, and ML for Tomorrow’s Workforce (May 2022).
- KPT-PENJANA 1.0: Digital Transformation for the Future of Works: Big Data, AI and ML; three modules covering the future of work, digital transformation and big data analytics (Jan – Feb 2022).
- Big Data Analytics using Power BI for Lembaga Tabung Haji (Mar 2021).

- SKO: Power BI for Finance (Mar 2021).
- Big Data Analytics for Oil and Gas using Power BI (Feb 2021).
- Big Data Analytics for Business and Beyond (Oct 2020).
- Big Data Analytics for PMA, Beginner Level (Oct 2020).
- Big Data Analytics Course for PETRONAS staff (Mar 2020).

AWARDS

Teaching

- Letter of Congratulation for Teaching Excellence, Universiti Tunku Abdul Rahman (2025).
- Best Tutor Award, Department of Computer and Information Sciences, Postgraduate Appreciation Ceremony, Universiti Teknologi PETRONAS (2021).

Academic

- Vice-Chancellor's Award, Universiti Tun Hussein Onn Malaysia (2017).
- Best Undergraduate Final Year Project, Universiti Tun Hussein Onn Malaysia (2017).

Research and innovation

- Gold Award, Performa.my, Virtual International Research and Innovation Symposium and Exposition (RISE 2020), UTHM.
- Platinum Award, International Invention, Innovation & Design Exposition for Built Environment and Engineering (IIIDBEEX 2020), UiTM.
- Gold Award, Performa.my, Virtual Research and Innovation Exhibition (eREKA 2020), UniMAP.
- Silver Award, UTHM Research and Innovation Fest 2017 (Student Category).

PROFESSIONAL MEMBERSHIPS AND CERTIFICATIONS

- Graduate Technologist, Malaysia Board of Technologists (MBOT).
- Member, Institute of Electrical and Electronics Engineers (IEEE).
- EC-Council Network Security Administrator (ENSA), EC-Council.

TECHNICAL SKILLS

Python, Microsoft Power BI, Azure Machine Learning, KNIME Analytics, VS Code.

REFEREES

Available upon request.