



MINISTRY OF HIGHER EDUCATION

Ts. MOHAMAD SHAUFI BIN KAMBARUDDIN



ACADEMIC QUALIFICATIONS

Qualification : Bachelor of Science Computer (Networking and Security System)
Field of Study : IT
Major : Networking
Institute/University : University of Technology Malaysia
Graduation Date : 2019

Qualification : Diploma In Information Technology (Programming)
Field of Study : IT
Major : Programming
Institute/University : Polytechnic Sultan Idris Shah
Graduation Date : 2012

CURRENT PROFESSIONAL MEMBERSHIP

Professional Body Name : MBOT – Malaysia Board of Technologists
Membership Status : GRADUATE TECHNOLOGIST (GT)
Membership No. : GT22020566

Professional Body Name : MBOT – Malaysia Board of Technologists
Membership Status : PROFESSIONAL TECHNOLOGIST (Ts.)
Membership No. : PT23070037

Professional Body Name : BEM – Board Of Engineers Malaysia
Membership Status : INSPECTOR OF WORKS INTERN
Membership No. : W11992n(L)

CURRENT TEACHING AND ADMINISTRATIVE RESPONSIBILITIES

Organization : Polytechnic Sultan Abdul Halim Mu'adzam Shah (POLIMAS) Jitra, Kedah

Position Title : Lecturer

Duration : November 2021 – present.

Work Description:

Courses Taught:

1. *DFC10133 – Operating System*
2. *DFC10033 – Introduction to Computer System*
3. *DFP40453 – Mobile Application Development*
4. *DFP50123 – Secure Mobile Computing*
5. *DFP40233 – Security Web Development*

Programs – Diploma in Digital Technology (DDT)

Academic Responsibilities:

- Plan, implement, and monitor the teaching and learning of all courses.
- Produce, edit, and review teaching materials.
- Assess students' academic progress through tests, quizzes, assignments, and final exams.
- Supervise students on their Final Year Projects.
- Served as Academic Advisor, offering academic guidance and personal development support to students.
- Execute tasks assigned by management.

Non-academic Responsibilities:

- Advisor for Polimas Scouts
- Coordinator for workshops, laboratories, and lecture rooms
- Coordinator of the Department Security Control Subcommittee
- Head of the Platform Technologies Module
- Head of the Social Media Committee for ICOMPEX
- Member of the Polimas COVID Management Committee
- Officer for Asset Utilization, Storage, Inspection, and Maintenance
- Trainer for the World Skills Malaysia Competition at Polimas (IT Network Administrator)
- Trainer for the PolySkills Malaysia Competition at Polimas (IT Network Administrator)
- Laboratory Supervisor 2.1
- Departmental Co-Curriculum Officer
- POLIMAS Emergency Response Team (ERT) Committee

PROFESSIONAL CERTIFICATION

- 2025 - Aws Certified Cloud Practitioner
- 2025 - Certified Internet of Things Specialist (Ciots) Itrain
- 2025 - Certified Professional the Internet of Things (IOT) Fundamentals with Favoriot IOT Platform
- 2025 - Certification Professional Programme in IOT Devices and Dashboard 2025 (Stm32 IOT System Development)

PREVIOUS EMPLOYMENT

Organization : Dewan Bahasa dan Pustaka (DBP)

Position Title : Assistant Information Technology (FA29)

Duration : March 2013 – Oct 2021

Work Description:

- Lead, control, and coordinate DBP ICT services in alignment with DBP's goals, procedures, and policies.
- Plan and develop ICT program strategies.
- Plan and manage budgets for ICT programs.
- Oversee the maintenance and repair of DBP ICT devices.
- Identify issues and enhance the utilization of DBP systems.
- Manage ICT staff and collaborate with users to ensure smooth execution of ICT projects.
- Support the successful implementation of all DBP programs.

Organization : Lembaga Hasil Dalam Negeri Malaysia (LHDM)

Position Title : Assessor Administrator (G21)

Duration : July 2012 – Feb 2013

Work Description:

- Assist in implementing e-Register, e-Filing, and other services such as ez-Hasil.
- Provide tax advisory services to taxpayers at customer service centres.
- Perform related tasks in the customer service centre.
- Record all transfer transactions into the e-Hasil system.
- Document all property transfers of taxpayers and report the information to a superior

CONFERENCE AND TRAINING

Training Name : Cisco Train The Trainer: Cisco Certified IT Essential
Job Title : Protege/Trainer
Date : 14–16 March 2022
Place : Polytechnic Tuanku Syed Sirajuddin (PTSS)

Training Name : Cisco Train The Trainer: Cisco Certified IT Essential
Job Title : Protege/Trainer
Date : 11-14 April 2022
Place : Polytechnic Seberang Perai (PSP)

Training Name : Cisco Train The Trainer: Cisco Certified IT Essential
Job Title : Protege/Trainer
Date : 17–21 April 2022
Place : Polytechnic Sultan Abdul Halim Mu'adzam Shah (Polimas)

Training Name : Cisco Train The Trainer: Cisco Certified IT Essential
Job Title : Protege/Trainer
Date : 07-09 May 2022
Place : Polytechnic Balik Pulau (PBU)

Training Name : Seminar Pengajar TVET Kebangsaan 2023
Job Title : Participant
Date : 02 August 2023
Place : CIAST, Shah Alam

Training Name : Kursus 4IR (Cloud Computing) DevOps Project
Job Title : Participant
Date : 13-17 August 2023
Place : Hotel Granada, Johor Bahru

Training Name : National Conference in Education-Technical & Vocational Training 2023 (CIE-TVET)
Job Title : Presenter
Date : 11 – 12 September 2023
Place : Polytechnic Tuanku Sultanah Bahiyah (PTSB) Kulim, Kedah

Training Name : National Action Research TVET Conference (NARTC) 2024
Job Title : Presenter
Date : 14 August 2024
Place : Polytechnic Sultan Abdul Halim Mu'adzam Shah, (POLIMAS) Jitra Kedah

Training Name : 5G Communication Competency Training
 Job Title : Participant
 Date : 19 October- 18 November 2024
 Place : Chongqing City Management College, China

Training Name : Program Pentaulihan Professional IOT dan Papan Pemuka
 Job Title : Participant
 Date : 15 July 2025 – 17 October 2025
 Place : Universiti Teknikal Malaysia Melaka (UTeM)

Training Name : Vulnerability And Pentesting Using Metasploitable Wireshark, Vpat
 Job Title : Participant
 Date : 6 April 2026 – 10 April 2026
 Place : Tvet Mara, Sik Kedah

RESEARCH AND PUBLICATION

- 2022 - Tinjauan Terhadap Budaya Membaca Dalam Era Digital Dikalangan Pelajar Diploma Teknologi Maklumat Politeknik Sultan Abdul Halim Mu'adzam Shah (Polimas), NTRENDS'22
- 2022 - Isu Dan Cabaran Proses Pembangunan Aplikasi Telefon Mudah Alih: Kajian Sorotan Literatur, National Creative Design Digest 8th Edition
- 2023 - Menghadapi Revolusi Perindustrian 4.0, DBP, Dewan Siswa Mac 2023
- 2023 - Penggunaan Aplikasi ChatGPT Dalam Kalangan Pelajar Dan Impak Kepada Institusi TVET: Tinjauan Ke Atas Pelajar Diploma Teknologi Maklumat (Teknologi Digital) Jabatan Teknologi Maklumat Dan Komunikasi (Jtmk) Di Politeknik Malaysia, NJIEA
- 2023 - Exploration of ChatGPT Application Usage in TVET Institutions: A Case Study of Diploma in Information Technology, Polytechnic Malaysia, ICBE
- 2024 - Enhancing Learning Engagement in Introduction to Computer Systems (ICS) through Innovative Integration of Flashcards and Mobile Applications, MNNF Network
- 2024 - Kajian Keberkesanan Penggunaan *ICS FLASHCARD* Mobile Apps di JTMK Polimas, JTVE, Special Edition NARTC 2024
- 2024 - Persepsi Pelajar Terhadap Penggunaan Autogasi dalam Pembelajaran dan Amalan Teknologi Hijau, MPCCSustAward23
- 2024 - An Improved Flashcard-Based ICS Mobile Application for Effective Teaching and Learning of Dfc10033 – Introduction To Computer System, UMPSA IJSEC 2024
- 2025 - Formulating Tracing and Linking Algorithm for Identifying Cyber Terrorism Website, IJMECIE 2025
- 2026 - Smart-Barista XPRO (T-AIGS 2026) – Research Grant Member | RM34K | 2026–2027 (Developed immersive VR training module for barista skill enhancement)

CONSULTANCY

- 2022 - Coach World Skills - IT Network System Administrator (ITNSA)
- 2022 - Coach Polycc Skills - IT Network System Administrator (ITNSA)
- 2022 - Trainer Cisco–CCNAV7
- 2022 - Trainer Cisco–IT Essentials
- 2023 - Curriculum reviewer Diploma in Digital Technology: DFW50143-Security in Web Development
- 2023 - Coach Mobile Application Development (CMCT) MAC
- 2023 - Jury for the ASTI Feynman Challenge
- 2024 - Coach Polycc Skills–IT Network System Administration (ITNSA)
- 2024 - Jury International Conference on Teacher Education (ICTE'24)
- 2024 - Jury Open International Innovation Challenge (OpIIC)
- 2024 - Jury Nasa Space Apps Kuala Lumpur Challenge
- 2024 - Jury Malaysia Grand Invention Expo (MAGIEX)
- 2024 - Resensi Buku Teknologi Tanpa Wayar Dewan Bahasa dan Pustaka (DBP)
- 2025 - Panel *External Examiner* (EE) MQA Program Sijil Teknologi Maklumat (Stm), Kolej Komuniti Bandar Darulaman – verifikasi item Soalan Penilaian
- 2025 - Pembicara Forum Kecerdasan Buatan (AI) dalam Pengrusuan Perkhidmatan Maklumat anjuran UITM Sg. Petani, dan Dewan Bahasa dan Pustaka (DBP)
- 2026 - Jury Kedah, It Challenge for Youth with Disabilities

COMMUNITY SERVICE

- 2022 - KV Skills Competition Facilitator Perlis/Kedah Zone
- 2022 - Instructor Mydigitalmaker Fair-X Maireka Northern Region
- 2022 - PC Handling Instructor in SMKA SIK, Kedah
- 2024 - Social Service Program Implementation Committee Masjid Al-Fateh Tanjung Pauh, Jitra Kedah
- 2024 - Penasihat Kepada Program-Program Pembangunan Projek Inovasi, Penyelidikan Dan Pembangunan Murid SM Sains Selangor 2024-2026
- 2025 - Jawatankuasa Program Tanggungjawab Sosial Korporat (CSR) di Kampung Tradisi Paya Pahlawan, Jitra, Kedah
- 2025 - Penceramah program "Tekno Muda: Langkah Pertama Ke Dalam Dunia IT" Sempena Minggu TVET Negara 2025

SPECIAL ACHIEVEMENTS / AWARDS

- 2022 - Graduate Technologist (GT) MBOT Feb
- 2022 - Best Employee Award JTMK May
- 2023 - Professional Technologist (Ts) MBOT July
- 2024 - Gold award in International Creative Innovation Idea Competition (ICIIC)

- 2024 - Gold award in Virtual Innovation Competition (VIIC 2024)
- 2024 - Gold award Information Communication Technology Exhibition (ICTEX)
- 2024 - Gold award World Sustainable Development Goal Challenge (WSDG)
- 2024 - Silver award Research and Teaching Innovation Competition (RTIC)
- 2024 - Silver award in International Innovation and Invention Competition Through Exhibition (iCompEx) 2024
- 2025 - Gold award in International Research and Information Science Expo (IRISE)
- 2026 - Gold award in International in Innovation & Exhibition Fair (IIEF)

REFERENCES

Name : Noor Heeza binti Mohd Zaidin
 Job Title : Head of Program (DH10)
 Address : Jabatan Teknologi Maklumat dan Komunikasi, POLIMAS
 Telephone No. : 04-9146100
 Email : heeza@polimas.edu.my

Name : Noor Azmiza binti Ideris
 Job Title : Head of Department (DH12)
 Address : Jabatan Teknologi Maklumat dan Komunikasi, POLIMAS,
 Telephone No. : 04-9146100
 Email : azmiza@polimas.edu.my