

PROFILE

(Ts. HASNU RIZAL BIN ZAKARIA)



Professional Trainer and Industry Expert: A Comprehensive Profile

With a rich career spanning over two decades, I have cultivated a unique blend of expertise in Material Technology, Occupational Safety and Health (OSH), Radiation Protection, Project Management, Academic, Research and Innovations Excellence. My professional journey reflects a commitment to empowering individuals and organizations through knowledge, safety, and effective leadership.

As a Professional Trainer, I am certified by esteemed institutions, including the NIOSH, HRDCorp, Change Management, Malaysian Board of Technologists, ETAC Board of Engineers Malaysia, and the Atomic Energy Licensing Board (AELB). My credentials include the prestigious Professional Technologist certification, Train the Trainer qualifications, and a license as a Radiation Protection Officer. These certifications underscore my ability to deliver impactful and industry-relevant training programs, particularly in workplace safety, chemical standards, and radiation protection compliance. Coming from a diverse background and experiences, my previous and present clientele include IJN, IJN College, Rejimen 502 Askar Wataniah, Unisel, UiTM, STDC, Care4Asnaf, FellerasSkin, UPM,

Throughout my career, I have combined my technical knowledge with practical application, particularly during my tenure as a lecturer, OSH and Radiation Protection Officer at the University of Selangor. Over 19 years, I led the Occupational Safety and Health unit, managed laboratory compliance with radiation safety standards, and served as a liaison with national agencies such as AELB and Nuclear Malaysia.

In addition to my expertise in safety and health, I bring valuable project management experience from the Oil and Gas industry, where I successfully led EPCC (Engineering, Procurement, Construction, and Commissioning) projects at the Pengerang Integrated Petroleum Complex (PIPC). These roles honed my leadership, problem-solving, and cross-functional collaboration skills while contributing to the success of high-stakes operations.



As an academic and trainer, I have been instrumental in educating the next generation of professionals. As a Deputy Dean Research, Resources and Student affairs, Lecturer and Researcher at Faculty of Engineering and Life Sciences, University Selangor and Part-Time Lecturer at IJN College, I have designed and delivered engaging courses such as Material Science and Technology, Industrial Safety, Non-Destructive Testing, Introduction to OSH and Organizational Health Psychology. My contributions extended to serving as an evaluator panel, consultant and external auditor for diploma and degree programs, ensuring quality and accreditation standards under BEM and MBOT.

Apart from leadership and organizational development training, I also specialize in providing Digital Marketing training, focusing on the strategic use of social media to enhance business growth. My programs cover essential tools such as Canva and CapCut for creative design, as well as strategies for creating impactful advertisements and producing high-quality content. I aim to equip participants with practical skills to become effective content creators and leverage digital platforms for their business success. I have had the privilege of working with clients such as NADI Ijok, NMT Venturer, Kejora Ventures, FellerSkin, the Faculty of Engineering and Life Sciences (Unisel), and individual entrepreneurs. My hands-on approach ensures that participants not only gain technical knowledge but also develop the confidence to apply these skills effectively, boosting their brand visibility and market reach.

Beyond my professional endeavors, I am deeply committed to contributing to society through various leadership and community roles. I serve as a Training Officer in the Reserve Military Unit, President of Kelab Hoki Asians, and Secretary of Pertubuhan Care for Asnaf, embodying my dedication to leadership and teamwork in diverse settings. My adventurous spirit is reflected in my certification as a Master Diver (PADI), showcasing a passion for exploration and personal growth. Leveraging my extensive knowledge and experience, I actively deliver soft-skills training and educational programs tailored to empower others. As a certified Train the Trainer (TTT), I specialize in leadership and teambuilding workshops. I have been invited to conduct courses for university students, helping them prepare for roles as Student Representative Councils and Facilitators. Additionally, I have facilitated teambuilding programs for the corporate sector and business agents, ensuring participants gain practical skills to enhance organizational effectiveness and collaboration.

My key areas of expertise include Leadership Development, Organizational Communication, and Critical Thinking, with a particular focus on Transformational Organizational Growth and Customer Satisfaction programs. Through these efforts, I aim to inspire individuals to excel in their roles, contribute meaningfully to their organizations, and embrace continuous personal and professional development.

My educational background includes a Master of Science in Material Science and a Bachelor of Science in Physics from University Putra Malaysia, complemented by a Certificate in Power Plant Mechanical Engineering from POLIMAS. These qualifications have formed a strong foundation for my technical acumen and research, writing and innovations capabilities.

In summary, my career reflects a lifelong commitment to learning, teaching, and leading. I thrive on creating environments where individuals can grow, organizations can excel, and safety and innovation go hand in hand. Whether in the classroom, on the project site, or as a community leader, I bring passion, expertise, and an unwavering dedication to excellence.