

EXPERT PROFILE

DR. ABBAS M. AL-GHAILI

- Position: Postdoctoral Researcher
- Years of professional experience: 3 years
- Research Centre: Institute of Informatics and Computing in Energy (IICE)
- **Research Forte:** Engineering, Green energy and alternative renewable energy, energy efficiency and environment conservation



EDUCATIONAL BACKGROUND

- PhD in Computer System Engineering @ Universiti Putra Malaysia, Malaysia
- Master of Science (Computer System Engineering) @ Universiti Putra Malaysia, Malaysia
- Bachelor of Engineering (1st class Hons) (Computer and Communication Engineering) @ University of Science and Technology, Yemen



PROFESSIONAL EXPERIENCE (LIMIT TO 300 WORDS)

Dr. Abbas M. Al-Ghaili has participated and represented UNITEN in numerous international conferences related to energy, IoT, image processing, and security related researches; a group of papers have been published as conference proceedings, book chapters, and journal articles.

He has participated in several international and local exhibitions dedicated for technological inventions and potential products. Dr. Al-Ghaili has authored and co-authored a total of 44 publications; including ISI- and Scopus-indexed journals, Scopus-indexed conferences, and Scopus-indexed book chapters. He has been granted international and local research grants and projects. Dr. Al-Ghaili has been awarded the “Best Paper Nominee” in an international conference in 2019.

His research interests include energy informatics, image processing, artificial intelligence, computer security, bio-Inspired computing, and computer vision.

KEY PROJECT HIGHLIGHTS: (MAX 3)

- Energy Management System for Building Energy Efficiency (EMS-4-BEE. UNITEN Internal Grant – 2019)
- A three-layer policy utilizing QR-Code based algorithm to safeguard access to digital and physical assets. UNITEN Internal Grant – 2018
- Formulating a digital energy hub framework to promote knowledge sharing and collaboration practices for energy sectors, FRGS - 2017