



## Dr. Muataz Salam Al-Daweri

Assistant Professor

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الحالة الاجتماعية: ...Single

### **:Scientific IDs**

[Research Gate](#)

[Google Scholar](#)

### **المؤهلات الأكاديمية**

PhD , Universiti Kebangsaan Malaysia, 2021

MSc , Sohar University, 2015

BSc , Sohar University, 2013

### **أنشطة التدريس**

Special Topics

Data Structures & Algorithm Design

Database Management Systems

Database and Dynamic Web Design

Artificial intelligence, machine learning, optimizations, neural networks, deep learning, meta-heuristics, data analysis, computer networking, and cybersecurity

## المنشورات -

## مقال:

Al-Dawery, S. K., Reddy, S., Al-Mashrafiya, K., Al-Fraji, B., & Al-Daweri, M. S. 2023. 2023 .1 Disinfection of Biologically Treated Wastewater using Photocatalysis Process with Artificial UV Light and Natural Solar Radiation. Pollution, 9(1), 332-343

Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2021. A Homogeneous Ensemble Based 2021 .2 Dynamic Artificial Neural Network for Solving the Intrusion Detection Problem. International Journal of Critical Infrastructure Protection, 34, 100449

Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2021. An Adaptive Method and a New 2021 .3 Dataset, UKM-IDS20, for the Network Intrusion Detection System. Computer Communications, 180, 57-76

Al-Daweri, M. S., Zainol Ariffin, K. A., Abdullah, S., & Md. Senan, M.F.E. 2020. An Analysis 2020 .4 of the KDD99 and UNSW-NB15 Datasets for the Intrusion Detection System. Symmetry, 12(10), 1666

Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2020. A Migration-Based Cuttlefish Algorithm 2020 .5 with Short-Term Memory for Optimization Problems. IEEE Access, 8, 70270-70292

## مؤتمر أو ورشة:

Wu Fengda, Al-Daweri, M. S., Tahaei, H. 18-19 November 2022. Dynamic Temperature, 2022 .1 Humidity and Lighting System for Smart Home Based on Fuzzy Logic. The 5th International Conference on Future Smart Cities (FSC), Xiamen University Malaysia, Sepang, Malaysia

Zainol Ariffin, K. A., Abdullah, S., & Al-Daweri, M. S. 2021. Patent No. F. 3553 (File No. 2021 .2 UKM.IKB.800-4/1/3553). Malaysia: Universiti Kebangsaan Malaysia Intrusion Detection System (2020 Dataset (UKM-IDS20

Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2021. The Importance of Applying a 2021 .3 Homogeneous Ensemble for the Intrusion Detection System. Extended Abstract, Data Mining & Optimization Seminar, Universiti Kebangsaan Malaysia