

# Journal of Modern Technology and Engineering

Volume 8, No.1, 2023



## **CONTENTS**

**Vol.8, No.1, 2023**

**N.H. Ali, S.A. Mohammed, J. Manafian (pp.5-18)**

New explicit soliton and other solutions of the van der Waals model through the EShGEEM and the IEEM

**F. Nuriyeva, S. Polat (pp.19-26)**

A new heuristic for solving travelling Salesman problem: adding the furthest vertex to the central triangle

**N.N. Hadaya, S.A. Alabady (pp.27-38)**

Design a new RPL protocol for the crowded networks

**S. Kayahan, K. Günel, U. Nuriyev (pp.39-53)**

Multi-labeling strategy based on a heuristic text segmentation for educational content

**U. Turapov, F. Nuriyeva (pp.54-62)**

The role of artificial intelligence in effective earthquake forecasting

**M.J. Ahmad, K. Günel (pp.63-71)**

Exploring the accuracy of an optimization-free neural network forecasting model in mathematical epidemiology: a case study in Türkiye