

# Journal of Advances in Information Technology

## CONTENTS

---

### Volume 15, Number 5, 2024

A Speed-up Channel Attention Technique for Accelerating the Learning Curve of a Binarized Squeeze-and-Excitation (SE) Based ResNet Model.....	565
<i>Wu Shaoqing* and Hiroyuki Yamauchi*</i>	
Improving Image Representation for Surface Defect Recognition with Small Data.....	572
<i>Thai Tieu Phuong, Duong Duc Tin, and Le Hong Trang*</i>	
A Reliable Message Broadcast Protocol Using Active RFID Mechanism in Vehicular Ad hoc Networks.....	580
<i>H. Ateeq Ahmed* and Dhanaraj Cheelu</i>	
Relevant Features Independence of Heuristic Selection and Important Features of Decision Tree in the Medical Data Classification.....	591
<i>Yusi Tyroni Mursityo, Irfany Rupiwardani, Widhy H. N. Putra, Dewi Sri Susanti, Titis Handayani, and Samingun Handoyo*</i>	
Empirical Text Analysis for Identifying the Genres of Bengali Literary Work .....	602
<i>Ayesha Afroze, Kishowloy Dutta, Sadman Sadik, Sadia Khanam, Rafeebir Rab*, and Mohammad Asifur Rahim</i>	
On Cost Estimation of the Full Truckload Contracts .....	614
<i>Szymon Cyperksi, Michał Okulewicz, and Paweł D. Domański*</i>	
Detection of COVID-19 Infection Using Deep Neural Network and Machine Learning Technique .....	622
<i>M. Hema* and T. S. N. Murthy</i>	
Multi-Objective Preference Analysis: A Novel Multi-Criteria Decision Analysis Approach for Smart Sharia Tourism Planning .....	630
<i>Fristi Riandari*, Sarjon Defit, and Yuhandri</i>	
Multi-criteria Assessment of a Student's Individual Profile .....	642
<i>Assel Bektenova*, Natalya Denissova, Irina Doymina, and Oryngul Sadykanova</i>	
An Evaluation of Current Malware Trends and Defense Techniques: A Scoping Review with Empirical Case Studies .....	649
<i>Azaabi Cletus*, Alex A. Opoku, and Benjamin Asubam Weyori</i>	
Smart 5G Small Cell Mobile Networking with Sleep Strategy Using Novel Swarm Optimization .....	672
<i>Narasimha Rao Yamathi*, Padma Yenuga, Srikanth Meda, Lakshmi Tulasi R, Venkata Anusha Kolluru, Satish Kumar Patnala, Bujji Babu Dasari, Lakshmi Naga Jayaparada G, Om Prakash Samantray, Narasimha Reddy K V, Kunda Suresh Babu, and Lalitha Kumari Pappala</i>	