

# ADVANCES IN SCIENCE, TECHNOLOGY AND ENGINEERING SYSTEMS JOURNAL

Volume 9 Issue 2

March-April 2024

## CONTENTS

<i>Optimal Engagement of Residential Battery Storage to Alleviate Grid Upgrades Caused by EVs and Solar Systems</i>	01
Rafi Zahedi Amirhossein Ahmadian, Chen Zhang, Shashank Narayana Gowda, Kouros SedghiSigarchi, Rajit Gadh	
<i>Double-Enhanced Convolutional Neural Network for Multi-Stage Classification of Alzheimer's Disease</i>	09
Pui Ching Wong, Shahrum Shah Abdullah, Mohd Ibrahim Shapiai	
<i>Analysis of Components and Effects of Chest Compression Posture using CPR Training System</i>	17
Taiki Yamakami, Akinori Minaduki	
<i>Spatial Distribution Patterns of the Royal Development Projects Initiated by King Rama 9th of Thailand</i>	26
Puntip Jongkroy, Ponthip Limlahapun	
<i>Revolutionizing Robo-Advisors: Unveiling Global Financial Markets, AI-Driven Innovations, and Technological Landscapes for Enhanced Investment Decisions</i>	33
Marco I. Bonelli, Jiahao Liu	
<i>Exploring Current Challenges on Security and Privacy in an Operational eHealth Information System</i>	45
Viktor Denkovski, Irena Stojmenovska, Goce Gavrilov, Vladimir Radevski, Vladimir Trajkovik	
<i>Buton Rock Asphalt Paving Block Innovation using Waste Engine Oil and Recycled Concrete Aggregate</i>	55
Sigit Pranowo Hadiwardoyo, Riana Herlina Lumingkewas, Tommy Iduwin, Silvanus Nohan Rudrokasworo, Darren Matthew	
<i>Malaysia's Renewable Energy Policy and its Impact on ASEAN Countries</i>	67
WaiYie Leong, LeeSun Heng, YuanZhi Leong	