Centre for Mathematical Sciences
Pusat Sains Matematik

CITREX 2024 - Congratulations to all winners from PSM UMPSA

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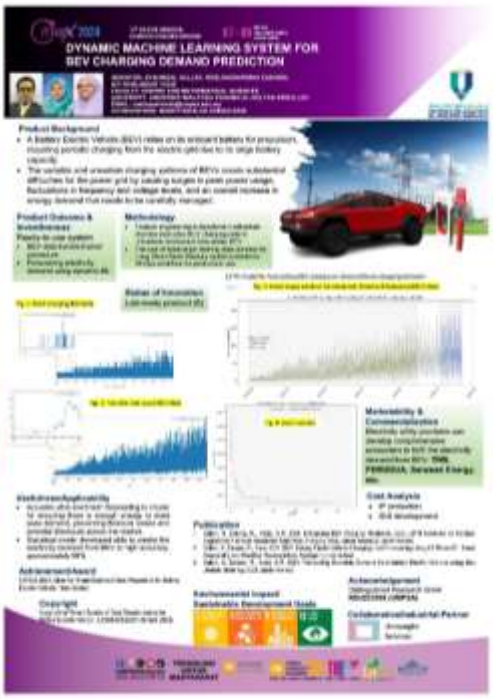
Centre for Mathematical Sciences would like to congratulate the winners of the 14th Creation, Innovation, Technology & Research Exposition (CITREX 2024) which has been held on 8 – 9 May 2024 at Sport Complex, UMP Gambang Campus. In this exhibition, researchers submit their very best outcome of research projects, and at the same time to identify the potential projects to be participated in local and oversea exhibition.

List of winners from CMS are:

AWARD	TITLE	INVENTOR
SILVER	DYNAMIC MACHINE LEARNING SYSTEM FOR BEV CHARGING DEMAND PREDICTION	SYAHRIZAL SALLEH, ASSOC PROF DR ROSLINAZAIRIMAH ZAKARIA, DR SITI ROSLINDAR YAZIZ, NOOR FADHILAH AHMAD RADI
	RISKSmart Learning System	MOHD KHAIRUL HAFIZ KHAIRULDIN, ASSOC PROF DR NORHAYATI ROSLI, ASSOC PROF DR NORYANTI MUHAMMAD, IR UNAZIE ISKANDAR ABD RAZAK
	NONPARAMETRIC PREDICTIVE INFERENCE (NPI) FOREST FIRE DASHBOARD	ASSOC PROF DR NORYANTI MUHAMMAD, AMIRAH HAZWANI ROSLIN
	HEAT TRANSFER ALCHEMY: UNRAVELLING THE MATHEMATICAL INTRICACIES OF BLOOD HYBRID NANOFLUID	DR RAHIMAH JUSOH @ AWANG, KHO YAP BING, PROF DR MOHD ZUKI SALLEH, TS MOHD HISYAM MOHD ARIFF, PROF DR MIKHAIL SHEREMET, DR NOORAIN ZAINUDDIN
	GUI FOR N-TH ORDER LIMIT LANGUAGE USING FLUTTER FRAMEWORK	DR MUHAMMAD AZRIN AHMAD, SITI HAJAR MOHD KHAIRUDDIN
BRONZE	HYBRID SARIMA-LSTM MODEL FOR TOURISM INDUSTRY IN MALAYSIA	DR NORATIKAH ABU, SITI AI SHAH @ TSAMIENAH TAIB, TS DR AZLYNA SENAWI
	PRODUCT QUALITY OUTPUT MEASUREMENT DASHBOARD FOR PREVENTIVE MAINTENANCE ON COMPUTER NUMERICAL CONTROL (CNC)	AIZAT HAIKAL APANDI, MUHAMMAD AMIR AMINUDDIN, DR ADAM SHARIFF ADLI AMINUDDIN, DR KAMARULZAMAN MAHMAD KHAIRAI
	PREDICTIVE MAINTENANCE DASHBOARD FOR COMPUTER NUMERICAL CONTROL (CNC) MACHINES: ANALYZING TRENDS IN MACHINE DOWNTIME	MUHAMMAD AMIR AMINUDDIN, DR KAMARULZAMAN MAHMAD KHAIRAI, DR ADAM SHARIFF ADLI AMINUDDIN

228


DYNAMIC MACHINE LEARNING SYSTEM FOR
BEV CHARGING DEMAND PREDICTION

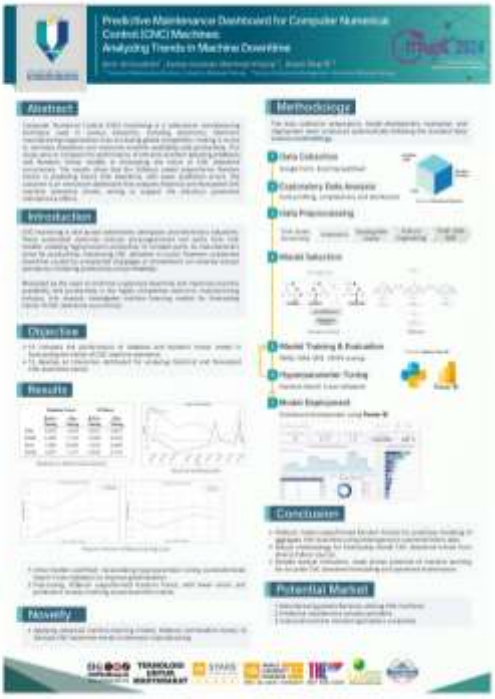
238

Nonparametric Predictive Inference (NPI)
Forest Fire Dashboard

193

GUI FOR A-TH ORDER LIMIT LANGUAGE USING FLUTTER FRAMEWORK

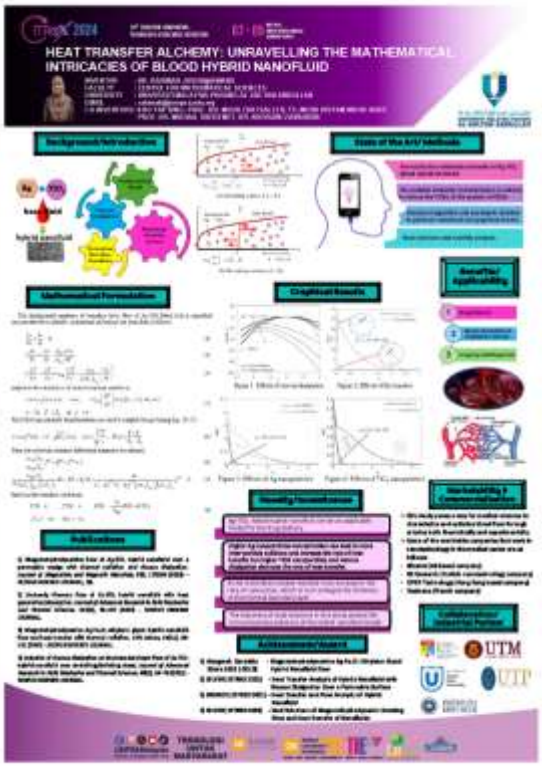
30


Predictive Maintenance Dashboard for Computer Numerical Control (CNC) Machines: Analyzing Trends in Machine Downtime
Abstract
Introduction
Objective
Results
Novelty
Methodology
Conclusion
Potential Market

189

RISKSmart Learning System

161


HEAT TRANSFER ALCHEMY: UNRAVELLING THE MATHEMATICAL INTRICACIES OF BLOOD HYBRID NANOFLUID
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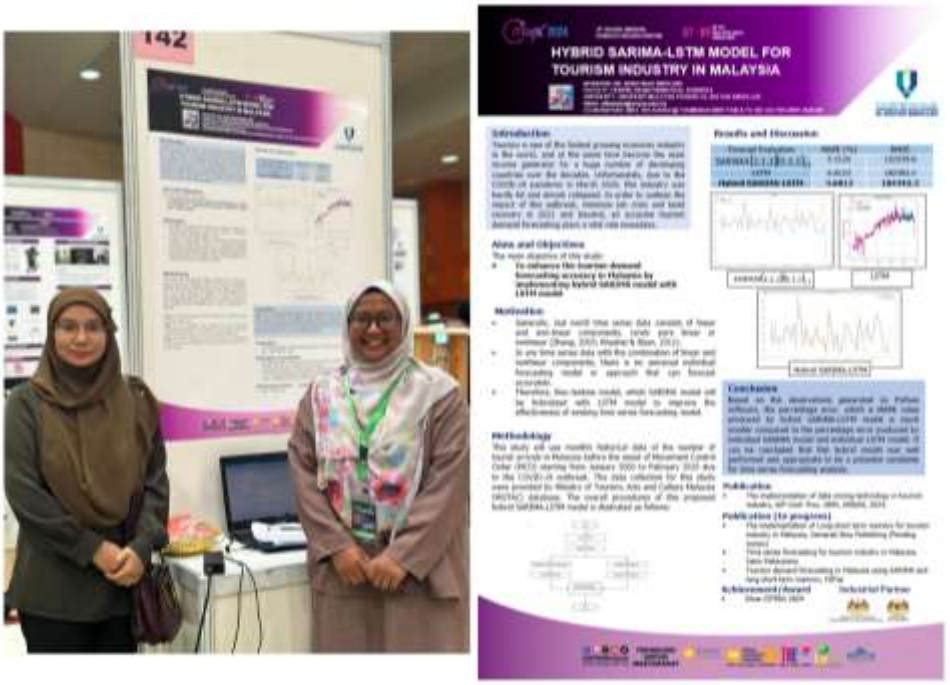

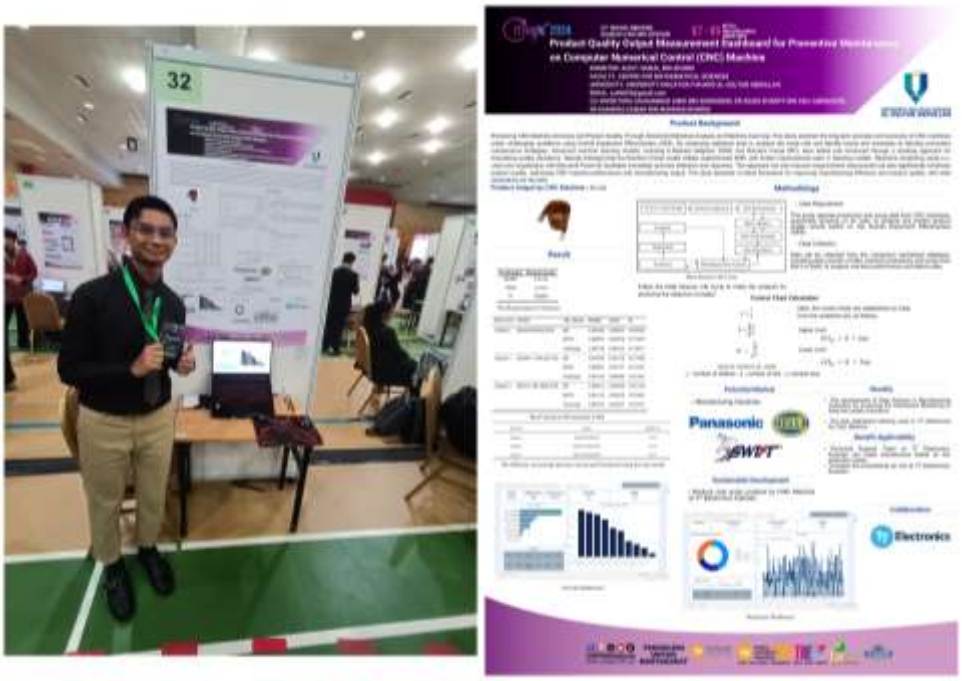

Big clap to all the winners!!

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