











The Tapestry of Knowledge: Manufacturing Engineering Research

    Volume 1    

اونیورسیتی تکنیکل ملیسیا ملاک

UNIVERSITI TEKNIKAL MALAYSIA MELAKA

Editors
Nadiyah Ahmad
Noraiham Mohamad
Zurina Shamsudin

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UTeM

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TABLE OF CONTENT

Preface	vii
List of Contributors	ix
Introduction	xvii
Chapter 1	
Formulation of Eco-Friendly Printing Ink from Waste Cooking Oil <i>Jariah Mohamad Juoi and Sisubajan Selvan</i>	1
Chapter 2	
Mechano-Chemical Recycling of Carbon Fiber Reinforced Thermoplastic Composites <i>Noraiham Mohamad, Mohd Tuzan Jaafar, Hairul Effendy Ab Maulod and Jeefferie Abd Razak</i>	11
Chapter 3	
Fabricating A Wooden Packaging from Spent Bleach Earth Polymer Composites: Stability Study <i>Zurina Shamsudin and Pravin Karunamurthy</i>	19
Chapter 4	
A Comparative Study Between the Binder-Less and The Conventional (With Binder) Polyaniline and Graphene Oxide-Based Composite Electrode for Supercapacitor <i>Mohd Asyadi Azam, David Anthony Baboo and Muazzin Mupit</i>	29
Chapter 5	
An Insight on Remanufacturing for End-Of-Life Vehicle (ELV) in Malaysia <i>Nurazua Mohd Yusop</i>	41

Chapter 6

The Influence of FDM 3D Printers Condition on Layer Formation and Tensile Strength of PLA Parts

53

Rahimah Abdul Hamid and Daniyal Haiqal Shahza Shahrezam

Chapter 7

Fault Analysis of Flow Meter Sensor Measurement in Hazardous Location

65

Nur Aidawaty Rafan and Muhammad Afiq Mohamad Noor

Chapter 8

Economical Design of Autonomous Mobile Robot in Small and Medium Manufacturing Enterprises

73

Puvanavaran Perumal, Mohd Nazrin Muhammad, Isa Abd Halim and Shariman Abdullah

Chapter 9

The Determination of Employees' Psychophysical Experiences: A Case at The Stamping Die Company

83

Al Amin Mohamed Sultan, Darrenveer Singh Gill, Fatimah Md. Radzai and Nurfarahin Mohd Hayate Ahmad

Chapter 10

Investigating The Effect of Lateral Lifting Task on Trunk Muscle Activity

95

Nadiyah Ahmad, Wan Amirul Syabil Wan Mohamad Faisal and Radin Zaid Radin Umar

Chapter 11

The Regression Models of Driving Fatigue in Malaysia by Using The Cognitive Approach

107

Seri Rahayu Kamat, Muhammad Shafiq Ibrahim, Nur Ain Qistina Muhammad Shafee, Syamimi Sansuddin and Mohammad Firdaus Ani

Index

125

This book offers readers recent research results and forefront development in the field of manufacturing engineering with broad coverage of topics related to advanced materials, process, design, robotics and automation as well operational management. Emphasis is given on papers that link theories to practical applications. Thus, this book also stages problem solving through various examples and real applications with the use of advanced tools and techniques in research methodology. It is hoped that this book can serve as a platform for academic exchange between experts, scholars, researchers and students that would advance the state of the art and benefit society.



Nadiah Ahmad is a senior lecturer in Faculty of Manufacturing Engineering at Universiti Teknikal Malaysia Melaka. She obtained her BSc in Industrial Engineering from University of Wisconsin-Madison and later obtained her MSc and Ph.D. in Industrial and System Engineering from the Ohio State University,

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