JOURNAL OF
ADVANCED MANUFACTURING TECHNOLOGY

Contents

Volume 17 **Number 1** **January - April 2023**

No. *Title* *Page*

1. **Cost Estimation for Post Abrasive Waterjet Cutting on Customized Jigsaw Rubber Mats**
   K. Thongkaew, T. Naemsai and Z. Mustafa.....1

2. **Design of Biomass Fired Dryer using Integrating Design Thinking and TRIZ Method**
   O. Adiyanto, E. Mohamad, R. Jaafar, M. Faishal and Supriyanto.....17

3. **Lean Six Sigma Framework to Improve the Assembly Process at a Printer Manufacturing Company**
   R. Abdullah, H.K. Lee, A.H. Abdul Rasib and H.O. Mansoor 31

4. **Optimization of Compression Moulding Parameters on Mechanical Properties of Stainless Steel 316L**
   N.I.M. Ali, M.A.M. Ali, M.S. Salleh, S. Subramonian, M.I.H.C. Abdullah and M. Yamaguchi.....47

5. **Mechanical Stress-Strain Analysis of a Portable Oil Spill Skimmer Frame for Response and Recovery Activities**
   R. Ramanathan, L. Abdullah, M.H.F. Md Fauadi, M.S. Syed Mohamed, M.S.M Aras and A.S. Nur Chairat.....59

6. **Effect of T6 Heat Treatment on Microstructure and Hardness Properties of Thixoformed Graphene-Reinforced A356 Composites**
   N.F.B.W. Anuar, M.S. Salleh, M.Z. Omar, W.F.H.W. Zamri, S.H. Yahaya and A.M. Ali.....73