JOURNAL OF ADVANCED MANUFACTURING TECHNOLOGY

Contents Volume 10 Number 2 July - December 2016 No. Title Page 1. Investigation on Hot Deformation Behavior of Al-Cu-Mg-Pb Alloy H.R.R., Ashtiani, P., Shahsavari.....1 2. Simulation Study in Reorganizing Dispatching Layout to Minimize Dispatching Time A., Azlan, A., Saptari, E., Mohamad, Lukman Sukarma, M.R. Salleh, 3. Material Selection for Automotive Fender Design Using **Integrated AHP-Topsis** 4. A Statistical Comparison of Screening Wire-EDM Parameters for Machining Titanium Alloy R. Izamshah, M. Akmal, M.S. Kasim, SA Sundi, M. Hadzley......45 5. Microstructure and Phase of Poly (Vinyliden Fluoride) Films by Electrophoretic Deposition: Effect of Polymer Dispersion **Stirring Conditions** K.T., Lau, M.S.M., Suan, M., Zaimi, M.A. Razak, M.A., Azam, N., Mohamad......57 6. Review and Establishing Framework Model to an Adoption of ISO 50001 Energy Management System in Power Stations 7. Thermal Comfort at the Turbine Room in the Power Station: A Review Seri Rahayu Kamat, Ahmed Ali Ajmi, Noor Shakir Mahmood79 8. Hydrodynamics Analysis of Marine Amphibious Aircraft L8 Hull by Fluent Software M., Safari, M.R., Moghoomi91 9. Microstructural Analysis and Mechanical Properties of LM6 Alloy Processed by Cooling Slope Casting M.S. Salleh, N. Naili, M.A.H.Safian, S.H. Yahaya, M.R.M. Kamal, 10. Configuring Safe Industrial Robot Workcell in Manufacturing Industry M. A. A., Rahman, N. S., Osman, C. H., Boon, G. L. T., Poh, A. A. A., Rahman, B. M., Bali Mohamad, S. H., Kamsani, E., Mohamad, Z. A.,

Chief Editor

First and foremost, warm greetings to all the readers. I am delighted to announce the 19th issue of the Journal of Advanced Manufacturing Technology (JAMT). Currently, JAMT addresses three objectives; to provide a platform for the discussion and knowledge sharing on current and future issues, practices, innovations and trends of engineering and information technology amongst the academics, researchers and practitioners, to promote and encourage exploration and dissemination of knowledge in relation to engineering and information technology, and to publish papers in the areas of engineering and information technology particularly green technology, system engineering, human-technology interaction and emerging technology.

JAMT will continuously be a great and significant contribution to the Faculty of Manufacturing Engineering and UTeM. JAMT strives to attract and engage an international readership that is primarily academic as well .This move is in line with the mission of university "To Be One of the World's Leading Innovative and Creative Technical Universities" JAMT welcomes any papers, either written individually or co-operatively, which will make a substantial contribution to the development and success of the journal. Please do not hesitate to contact us for any uncertainties or enquiries.

I wish to take this opportunity to thank all the individuals involved in this publication particularly the editorial and technical boards for their tireless efforts in ensuring the continued success of JAMT. Moreover, my gratitude is extended to all contributors.

Best wishes and thank you for your support.