

UUM Engineering Congress 2014

SUSTAINABLE TECHNOLOGY FOR THE BETTERMENT OF HUMAN LIFE

Sunway Putra Hotel, Kuala Lumpur, Malaysia

23rd – 25th September 2014

PROGRAMME BOOK

5th International Conference on Computer and Communication
Engineering 2014

3rd International Conference on Mathematical Application in
Engineering 2014

2nd International Conference on Advances in Manufacturing and
Materials Engineering 2014



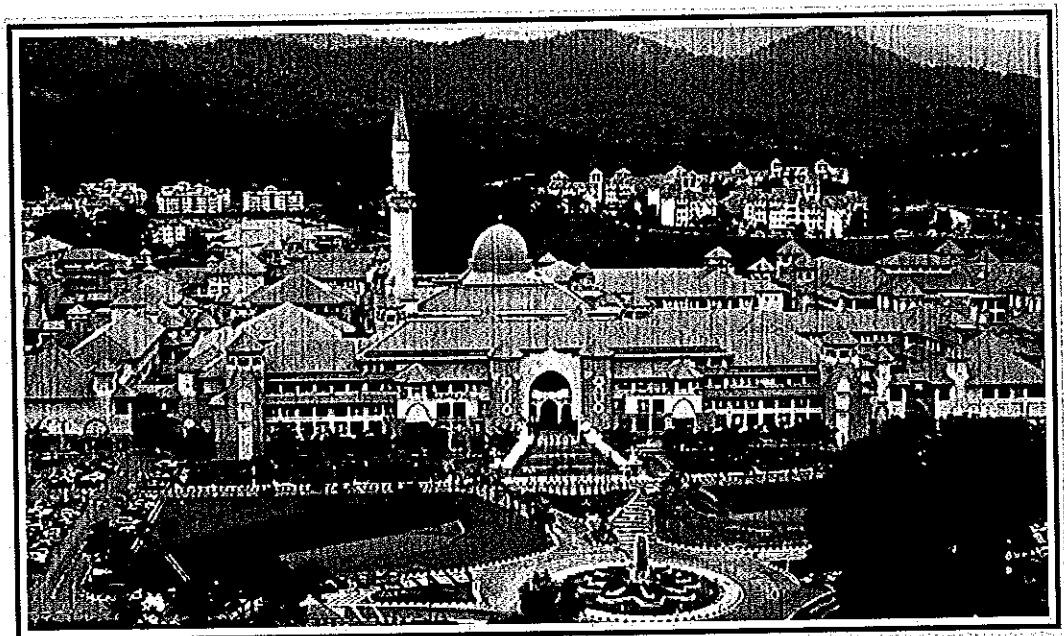
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INTERNATIONAL ISLAMIC UNIVERSITY
MALAYSIA



Kulliyah of Engineering



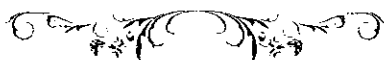
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Parallel Technical Sessions VI, Thursday 25 September 2014: 09.00 – 10.30			
09.00 – 09.15	09.15 – 09.30	09.30 – 09.45	09.45 – 10.00
VIA: Manufacturing and Allied Area			
Chairperson: Dr. Muataz Hazza		Co-chair: Sr. Atiah Sidek	
Venue: Helang			
<p>Paper ID: 2090</p> <p>Tensile and statistical analysis of sisal fibers for natural fiber composite manufacture</p> <p>Md. Masudur R Abir, S. M. Kashif, M. S. I. Shaik Dawood, and Md. Abdur Razzak</p> <p>Malaysia</p>	<p>Paper ID: 2136</p> <p>Adoption And Adaptation Of Japanese Manufacturing Management: A Case Study Of An Automotive Company In Malaysia</p> <p>A.K.M. Mohiuddin, Mohamed A. Rahman and Julia Bt Haji A. Jabar</p> <p>Malaysia</p>	<p>Paper ID: 2046</p> <p>IIUM CubeSat Structural Subsystem Design</p> <p>Siti Sarah Ishartuddin</p> <p>Malaysia</p>	<p>Paper ID: 2107</p> <p>Finite Element Analysis of Tensile Test for HDPE/PR-MMT Nanocomposite</p> <p>N.M. Shaffiar, M.K.A. Halim, H. Anuar and M.A.H.A. Majid</p> <p>Malaysia</p>
<p>Paper ID: 2111</p> <p>Finite Element Analysis of HDPE/EPR-CNT Nanocomposite under Tensile Loading</p> <p>N.M. Shaffiar, M.A. Hasnan, H. Anuar and Muataz Hazza F. Al Hazza</p> <p>Malaysia</p>			

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VIB: Manufacturing and Allied Area			
Chairperson: Dr. Israd Hakim Jaafar		Co-chair: Dr. Mohammad Iqbal	
Venue: Meeting Room 3			
<p>Paper ID: 2050</p> <p>A Case Study on Business and Operation Environmental Assessment in Malaysia and UK Metal and Fabrication SMEs</p> <p>Atiah Abdullah Sidek and Chris J. Backhouse</p> <p>Malaysia</p>	<p>Paper ID: 2005</p> <p>Cost Analysis of Using Hybrid Microwave Post-Sintered Silicon Nitride Inserts</p> <p>Tasnim Firdaus Ariff, Mohamad Iqbal and Rubina Bahar</p> <p>Malaysia</p>	<p>Paper ID: 2156</p> <p>Six Sigma Approach to Improve the Painting Process: A Case Study of A Malaysian Vehicle Assembly Company</p> <p>Mohamed A. Rahman, A.K.M. Mohiuddin Md Yahya and Hanani Abdullah</p> <p>Malaysia</p>	<p>Paper ID: 2157</p> <p>Magnetic Damping in Turning of Stainless Steel AISI 304 for the Reduction of Machining Vibration and Tool Wear</p> <p>A.K.M. Nurul Amin, Muamer D. Arif, Siti Aminatuzzuhriyah Subir and Fawaz Mohsen Abdullah</p> <p>Malaysia</p>
<p>Paper ID: 2050</p> <p>A Case Study on Business and Operation Environmental Assessment in Malaysia and UK Metal and Fabrication SMEs</p> <p>Atiah Abdullah Sidek and Chris J. Backhouse</p> <p>Malaysia</p>	<p>Paper ID: 2005</p> <p>Cost Analysis of Using Hybrid Microwave Post-Sintered Silicon Nitride Inserts</p> <p>Tasnim Firdaus Ariff, Mohamad Iqbal and Rubina Bahar</p> <p>Malaysia</p>	<p>Paper ID: 2156</p> <p>Six Sigma Approach to Improve the Painting Process: A Case Study of A Malaysian Vehicle Assembly Company</p> <p>Mohamed A. Rahman, A.K.M. Mohiuddin Md Yahya and Hanani Abdullah</p> <p>Malaysia</p>	<p>Paper ID: 2158</p> <p>Effect of Organic Loading Rate (OLR) of Slurry On Biogas Production Quality</p> <p>Maizirwan Mel, Nadiyah Mohd Suhuli, Avicenna, Sary Izzan Ihsan, Ahmad Faris Ismail and Sarifah Yaacob</p> <p>Malaysia</p>