



4th INTERNATIONAL CONFERENCE ON ADVANCED MANUFACTURING (ICAM 2019)

Parallel Session I

Date: 6th July 2019

Time: 1100 – 1300

Venue: Tutorial Room 3, DITC

Chairperson: Mohd Haniff bin Mohd Yusoff

Time Keeper: Raja Manisa binti Raja Mamat

No	ID	Title/ Author
1.	ICAM 73 1100 -1115	APPLICATION OF MAHALANOBIS-TAGUCHI SYSTEM ON ELECTRICAL & ELECTRONIC INDUSTRY
		Nik Nurharyantie Nik Mohd Kamil, Mohd Yazid Abu, Nurul Farahin Zamrud, Filzah Lina Mohd Safeiee and Muchamad Oktaviandri.
2.	ICAM 75 1115 -1130	A REVIEW ON THE APPLICATION OF ACTIVITY-BASED COSTING AND TIME-DRIVEN ACTIVITY-BASED COSTING IN MANUFACTURING INDUSTRY
		Nurul Farahin Zamrud, Mohd Yazid Abu, Nik Nurharyantie Nik Mohd Kamil, Filzah Lina Mohd Safeiee and Muchamad Oktaviandri.
3.	ICAM 174 1130 -1145	ENHANCEMENT OF STABILITY AND THERMAL CONDUCTIVITY OF NANOFUIDS USING CHINESE INK AS A SURFACTANT
		Ir. Dr. Hussin Mamat and Rosaniza Md Isa
4.	ICAM 76 1145 -1200	DEVELOPMENT OF A NEW COSTING STRUCTURE IN PRODUCTION ENVIRONMENT USING ACTIVITY BASED COSTING
		Filzah Lina Mohd Safeiee, Mohd Yazid Abu, Nik Nurharyantie Nik Mohd Kamil and Nurul Farahin Zamrud.
5.	ICAM 117 1200 -1215	A REVIEW ON HEAT-ASSISTED FRICTION STIR WELDING CAPABILITY AND CHALLENGES
		Mohd Azam Musa, Akhtar Razul Razali, Mahadzir Ishak and Nazrul Idzham Kasim

6.	ICAM 149 1215 -1230	<p>NUMERICAL INVESTIGATION ON FRONT IMPACT ATTENUATOR HONEYCOMB DESIGNS FOR A FORMULA STUDENT CAR</p> <p>Ts. Mohd Fadzli Hamid, Shukriwani Saad, Muhammad Hafifi Hafiz Ishak, Mazlan Mohamed, Ayub Ahmed Jenvekar, Mohd Hazim Mohamad Amini and Mazni Mohamed</p>
7.	ICAM 37 1230 -1245	<p>THE EFFECT OF COPPER OXIDE ON THE MECHANICAL PROPERTIES OF Y-TZP CERAMICS</p> <p>Sivakumar Sivanesan, Teow Hsien Loong, Satish Namasivayam, Muhammad Hosseini Fouladi and Seyong Eh Noum</p>



4th INTERNATIONAL CONFERENCE ON ADVANCED MANUFACTURING (ICAM 2019)

Parallel Session II

Date: 6th July 2019

Time: 1400 – 1700

Venue: Tutorial Room 3, DITC

Chairperson: Dr. Sara Asmawati binti Sharifuddin

Time Keeper: Nur Zahidah binti Mukhtar

No	ID	Title/ Author
1.	ICAM 72 1400 -1415	A REVIEW ON THE INTEGRATION OF MAHALANOBIS-TAGUCHI SYSTEM AND TIME-DRIVEN ACTIVITY-BASED COSTING ON PRODUCTION ENVIRONMENT
		Nik Nurharyantie Nik Mohd Kamil, Mohd Yazid Abu, Nurul Farahin Zamrud, Filzah Lina Mohd Safeiee and Muchamad Oktaviandri.
2.	ICAM 77 1415 -1430	EXPLORING BENEFICIAL OF MAHALANOBIS TAGUCHI METHOD ON PRODUCTION ENVIRONMENT
		Filzah Lina Mohd Safeiee, Mohd Yazid Abu, Mohd Yazid Abu, Nik Nurharyantie Nik Mohd Kamil and Nurul Farahin Zamrud.
3.	ICAM 74 1430 -1445	APPLICATION OF ACTIVITY-BASED COSTING IN ELECTRONIC ENVIRONMENT
		Nurul Farahin Zamrud, Mohd Yazid Abu, Nik Nurharyantie Nik Mohd Kamil, Filzah Lina Mohd Safeiee and Muchamad Oktaviandri.
4.	ICAM M21 1445 -1500	KINETIC ENERGY IMPACT FRAGMENTATION MODEL ON COAL FRAGMENTS INTO POWDER FORM
		Lukman Hakim Nasution, Anuar Ahmad, Muhidin Arifin
5.	ICAM 143 1500 -1515	OPTIMIZATION ON THE EFFECT OF NOZZLE DESIGN COOLANT SUPPLY DURING MACHINING MATERIAL AL319
		Ts. Dr. Hj. Zainal Ariffin, Ahmad Razlan Yusoff, Mohd Alias Mohd, Mohamad Redhwan Abd Aziz, Mohd Efendee Awang and Mohd Ali Mohammad.

6.	ICAM 126 1530 -1545	<p>IMPROVING PRODUCTIVITY THROUGH VALUE STREAM MAPPING (VSM): A CASE STUDY AT ELECTRICAL & ELECTRONIC COMPANY</p> <p>Ts. Dr. Ahmad Nasser Mohd Rose, Nik Mohd Zuki Nik Mohamed, Mohd Fadzil Faisae, Hafizzudin Mohd Noor and Alias Mohd</p>
7.	ICAM 44 1545 -1600	<p>UTILIZATION OF RESPONSE SURFACE METHOD IN OPTIMIZING AUTOMOTIVE AIR CONDITIONING (AAC) PERFORMANCE EXERTING AL2O3/PAG NANOLUBRICANT</p> <p>Dr. Mohamad Redhwan Abd Aziz, W.H. Azmi, M.Z. Sharif, N.N.M. Zawawi and S. Zainal Ariffin</p>



4th INTERNATIONAL CONFERENCE ON ADVANCED MANUFACTURING (ICAM 2019)

Parallel Session I

Date: 7th July 2019

Time: 0930 – 1300

Venue: Tutorial Room 3, DITC

Chairperson: Mohd Haniff bin Mohd Yusoff

Time Keeper: Ummy Nazahah binti Roslan & Norsilawati binti Ngah

No	ID	Title
1.	ICAM 56 0930 - 0945	THE OPTIMIZATION OF MACHINING PARAMETERS ON SURFACE ROUGHNESS
		Alias Mohd, Ts. Mohd Khair Mohd Khalil, Che Mohamad Che Omar and Md Faizul Azuan Yusof
2.	ICAM 62 0945 -1000	EFFECT OF HIGH SPEED MILLING (HSM) CUTTING PARAMETERS TO DF2 MOULD STEEL SURFACE ROUGHNESS EMPLOYING CARBIDE END MILL
		Ts. Kamarul Adnan Abd Aziz, Muhd Izzul Kamarul Adnan and Mohamad Redhwan Abd Aziz
3.	ICAM 118 1000 -1015	PERFORMANCE ANALYSIS OF SOLID CARBIDE DRILLING ON 316 L AUSTENITE STAINLESS STEEL USING MQL (MINIMUM QUANTITY LUBRICATION) USING PECK DRILLING APPROACH
		Malik Mukhtar, Mohd Efendee Awang, Ibrahim Mohd Habir and Ahmad Muhammad Syahrir
4.	ICAM 110 1015 -1030	MECHANICAL PROPERTIES OF WOOD DUST AND RECYCLED POLYMERS BLENDS COMPOSITION IN INJECTION MOULDING
		Ts. Zulkifli Umor, Alias Mohd and Mohd Azwandy Awang
5.	ICAM 33 1030 -1045	OPTIMIZATION OF SURFACE ROUGHNESS AND TOOL WEAR ON AISI 4140 USING COATED NI-YSZ FOR CNC TURNING PROCESS
		Ts. Dr. Alias Mohd, Muhd Luqman Hakim Adnan, Nor Bahiyah Baba, Zainal Ariffin Selamat, Ahmad Nasser Mohd Rose and Saiful Bahri Mohamed.



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6.	ICAM 170 1045 -1100	AL-SI-ZN BEHAVIOUR ON INTERFACE OF AR500 STEEL AND AA7075 ALUMINIUM ALLOY BRAZED JOINT
		Ts. Mohd Najib Muhamed, Mohd Zaidi Omar, Shahrum Abdullah, Zainuddin Sajuri and Wan Fathul Hakim W Zamri

**Subject to change*

Participant is given 10 minutes slide presentation and 5 minutes Q&A sessions