

SENARAI KERTAS KERJA PERSIDANGAN MUCET 2013 – RINGKASAN PENYERTAAN

KOD BIDANG : MME – Mechanical and Manufacturing Engineering

BIL	KOD BIDANG	KOD KERTAS	TAJUK KERTAS KERJA	PEMBENTANG	INSTITUSI
1	MME-001	UMP-010	Estimation of Heat Transfer and Pressure Drop in An In-Line Flat Tube Bundle by Radial Basis Function Network (RBFN)	Tahseen Ahmad Tahseen	UMP
2	MME-002	UMP-011	Finite Element Analysis on Dissimilar Thickness Joining of the Tailor-Welded Blank Process	Mohd Zaidi bin Sidek	UMP
3	MME-003	UMP-012	Green Manufacturing: Effect of Ranque – Hilsch Vortex Tube (RHVT) Air Cooling on Machinability of Mild Steel	Hadi bin Abdul Salaam	UMP
4	MME-004	UMP-016	Modeling and Optimization of Tapered Rectangular Thin-Walled Columns Subjected to Oblique Loading for Impact Energy Absorption	Siti Aishah binti Rusdan	UMP
5	MME-005	113	An Integrated Approach Based on SARIMA and Bayesian to Estimate Production Throughput under Five Random Variables	Dr. Amir Azizi	UMP
6	MME-006	120	Experimental Analysis on Martensite Formation of Low Carbon Steel During Rapid Cooling Process	Mohd Zaidi bin Sidek	UMP
7	MME-007	121	Experimental Cold Compression of Aluminum 6061 Chips from Different Lubricant Condition	Mohamad Syahmi Shahrom	UMP
8	MME-008	130	Numerical Investigation of Ground Cooling Potential for Malaysian Climate	Mohd Yusof bin Taib	UMP
9	MME-009	134	Predicting Erosion Pattern On Archimedes Screw Runner Blade Of Micro Hydro Power	Muhammad Ammar bin Nik Mu'tasim	UMP
10	MME-010	UniMAP-012	Application Of Entropically Damped Artificial Compressibility Method For Incompressible Unsteady Flow Simulations	Muhammad Izham Bin Ismail	UniMAP
11	MME-011	UTeM-009	Effect Of Pyramidal Ceiling On The Acoustical Characteristics In Mosque	Dr. Azma Putra	UTeM
12	MME-012	UTeM-010	A Comparative Study On Laminar Flow Of Multiple Orifice Gases Through A Tubular Welding Electrode	Manimaran A/L Selvam (Student)	UTeM

13	MME-013	UTeM-012	Influence Of Ultrasonic Cleaning Solvents On The WC Surface Roughness And Tin Coating Adhesion	Dr. Md Nizam Bin Abd Rahman	UTeM
14	MME-014	UTeM-013	The Performance Of EDM Die-Sinking Parameters On Material Removal Rate Of Beryllium Copper Using Full Factorial Method	Dr. Mohd Amran Bin Md Ali	UTeM
15	MME-015	UTeM-015	Stainless Steel Cladding On Cast Iron Trimming Cutter Using Gas Metal Arc As Heat Source	Dr. Nur IZan Syahriah Binti Hussein	UTeM
16	MME-016	UTeM-016	Novel Hybrid Efficient Computational Methodology For Surface Error Prediction On Machining Curve Flexible Component	Dr. Raja Izamshah Bin Raja Abdullah	UTeM
17	MME-017	UTeM-017	An Experimental Study Of Material Property (Hardness) Parameter For Surface Grinding Machine	Engr. Zulkeflee Bin Abdullah	UTeM
18	MME-018	UTeM-018	Tailored Orbital Welding Of Dissimilar Stainless Steel Materials	Mohamad Nizam Bin Ayof	UTeM
19	MME-019	UTeM-019	Prediction Of Cutting Force In End Milling Of Inconel 718	Mohd Shahir Bin Kasim	UTeM
20	MME-020	UTeM-020	Urea Impregnated Charcoal As Slow Release Green Fertilizer	Se Sian Meng	UTeM
21	MME-021	UTeM-021	CFD Simulation Of Passive Vg On Separated Flow Diffuser	Engr. Mohd Faizal Bin Halim	UTeM
22	MME-022	102	MHD Flow and Heat Transfer for the Upper-Convected Maxwell Fluid over a Stretching/Shrinking Sheet with Constant Wall Temperature	Nazila Ishak	MRSM Tun Abdul Razak
23	MME-023	108	Surface Finished when Threading Titanium Based Alloy under Dry Machining	Siti Hartini Hamdan	UniKL - MFI